NPS-OC-97-006

NAVAL POSTGRADUATE SCHOOL
Monterey, California

An Atlas of the Hydrographic Stations Off Point Sur, California April 1988-April 1991

by

Thomas A. Rago
John G. Locke
Curtis A. Collins

DTIC QUALITY INSPECTED 4

June 1997

19970728 016

Approved for public release; distribution is unlimited.

Prepared for: Naval Postgraduate School
Monterey, California 93943

NAVAL POSTGRADUATE SCHOOL

Monterey, California 93943

RADM Marsha Evans
Superintendent

Richard Elster
Provost

This report was prepared for and funded by the Naval Postgraduate School.

Reproduction of all or part of this report is authorized.

This report was prepared by:

THOMAS A. RAGO
Oceanographer

JOHN G. LOCKE
Physicist

CURTIS A. COLLINS
Professor of Oceanography

Reviewed by:

FOR

ROBERT H. BOURKE
Professor and Chairman
Department of Oceanography

DAVID W. NETZER
Dean of Research

REPORT DOCUMENTATION PAGE

Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instruction, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188) Washington DC 20503.

1. AGENCY USE ONLY *(Leave blank)*	2. REPORT DATE 9 June 1997	3. REPORT TYPE AND DATES COVERED Technical Report

4. TITLE AND SUBTITLE An Atlas of the Hydrographic Stations off Point Sur, California April 1988 - April 1991	5. FUNDING NUMBERS DFR
6. AUTHORS Thomas A. Rago, John G. Locke, and Curtis A. Collins	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Oceanography Department, Naval Postgraduate School, Monterey CA 93943-5122	8. PERFORMING ORGANIZATION REPORT NUMBER NPS-OC-97-006
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)	10. SPONSORING/MONITORING AGENCY REPORT NUMBER
11. SUPPLEMENTARY NOTES	
12a. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution is unlimited.	12b. DISTRIBUTION CODE A

13. ABSTRACT *(maximum 200 words)* This atlas presents the hydrographic (CTD) data collected during the California Undercurrent (CUC) project, which spanned three years (April 1988 - April 1991) and 19 cruises. The study area consisted primarily of a transection of 22 CTD sites extending offshore from Point Sur, California, to an intersection point with California Cooperative Oceanic Fisheries Investigations (CalCoFi) line 67 and thence along that line to a point approximately 200 km offshore. The study area also included approximately 20 more CTD sites scattered in and about Monterey Bay. The CTD data are presented graphically and in tabular form for selected pressures.

14. SUBJECT TERMS: CTD data, hydrographic data, California Undercurrent (CUC), Naval Postgraduate School, Monterey Bay National Marine Sanctuary, National Oceanic and Atmospheric Administration (NOAA), California Cooperative Oceanic Fisheries Investigations (CalCoFi).	15. NUMBER OF PAGES 432
	16. PRICE CODE

17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT UL

NSN 7540-01-280-5500

Standard Form 298 (Rev. 2-89)
Prescribed by ANSI Std. 239-18

Approved for public release; distribution is unlimited.

An Atlas of the Hydrographic Stations off Point Sur, California, April 1988 - April 1991

TABLE OF CONTENTS

		Page
	List of Figures	iii
1.	Introduction	1
2.	Observation Program	1
3.	Data Acquisition Equipment and Procedures	3
4.	Calibration Procedures	5
	Pressure	5
	Temperature	5
	Conductivity	6
	Salinity	6
5.	Data Processing	7
6.	Presentation of the Data	8
7.	Acknowlegements	8
8.	Data	
	CTD Station Locations	9
	Mean Fields	43
	Full Section Charts Temperature and Salinity	55
	Full Section Charts Density Anomaly and Spiciness	77
	Temperature/Salt Characteristics	99
	Density/Spiciness Characteristics	121
9.	Table of Appendices	143
	Appendix A	145

TABLE OF CONTENTS (continued)

	Page
Appendix B	416
Appendix C1	418
Appendix C2	419
Appendix D	421
Appendix E1	423
Appendix E2	424
10. References	425
11. Initial Distribution List	427

An Atlas of the Hydrographic Stations off Point Sur, California, April 1988 - April 1991

LIST OF FIGURES

	Page
Figure 1. Nominal Station Locations: CUC Transection and Monterey Bay	2
Figure 2. Nominal Spacing of Stations for Section Plots	4
Individual Cruise CTD Station Locations	11-41
Mean Potential Temperature and Salinity Sections Along the CUC Transection	45-48
Mean Potential Density and Spiciness Sections Along the CUC Transection	49-52
CUC Project Mean: Potential Temperature vs. Salinity	53
CUC Project Mean: Potential Density vs. Spiciness	54
Temperature and Salinity Sections in Chronological Order	57-76
Density Anomaly and Spiciness Sections in Chronological Order	79-98
Temperature vs. Salinity in Chronological Order	101-120
Density Anomaly vs. Spiciness in Chronological Order	123-142

1.0 Introduction

From April 1988 through April 1991, the Naval Postgraduate School (NPS) repeatedly occupied a series of hydrographic stations extending offshore from Point Sur, California (36° 20'N). The intent was to study the temporal and spatial variability of the California Current system, and in particular the California Undercurrent (CUC), at that location.

Generally speaking, the California Current system is comprised of two flow regimes: a broad, weak (< 25 cm-s^{-1}), equatorward-flowing current (the California Current), and narrow poleward-flowing inshore boundary currents (the California Inshore Current and the California Undercurrent) (Rischmiller, 1993; Reid and Schwartzlose, 1962; Wooster and Reid, 1963; Lynn and Simpson, 1987). The California Undercurrent (CUC) is distinguished from the relatively cool fresh subarctic water of the California Current by its warmer, saltier Equatorial water mass, and has been observed locally at sites ranging from Baja California (Wooster and Jones, 1970) to Vancouver Island (Hickey, 1979). Its continuity, however, has not been established, and it may, in fact, be discontinuous (Tisch, et. al., 1992). Off Point Sur the CUC can be found throughout the year over the continental margin (≈ 33 km offshore) at a depth of 350 m and with an average speed of 7.6 cm-s^{-1} (Collins et al.,1996).

The data for this atlas were collected during 19 cruises between April 1988 and April 1991 by the NPS Department of Oceanography. This atlas is intended to show the hydrographic structure off Point Sur, California, and is particularly intended to characterize the CUC in this region. During these 19 cruises related velocity observations using an acoustic dropsonde (Pegasus) were also made. Those data have been examined by Rischmiller (1993).

2.0 Observation Program

In 1987, NPS established the Point Sur Transection (POST) as a location to study the long-term variability of the alongshore currents of the CUC. The POST extended offshore due west from Point Sur and perpendicularly across Sur Ridge to intercept the California Cooperative Oceanic Fisheries Investigations (CalCoFi) line 67, which it then followed to a point approximately 200 km offshore (Figure 1a). This area had the advantage of being near NPS, yet without the complication of the complex topography of the Monterey Submarine Canyon (over which the inshore part of CalCoFi line 67 tracks). The 19 cruises from which the data for this atlas were collected followed the POST (Figure 1a), and were completed on an approximately bi-monthly schedule from April 1988 to April 1991 (Table E2). In April 1988, the first cruise aboard the *USNS DeSteiguer* established the station locations for the program. Subsequent cruises in the program aboard both the *R/V*

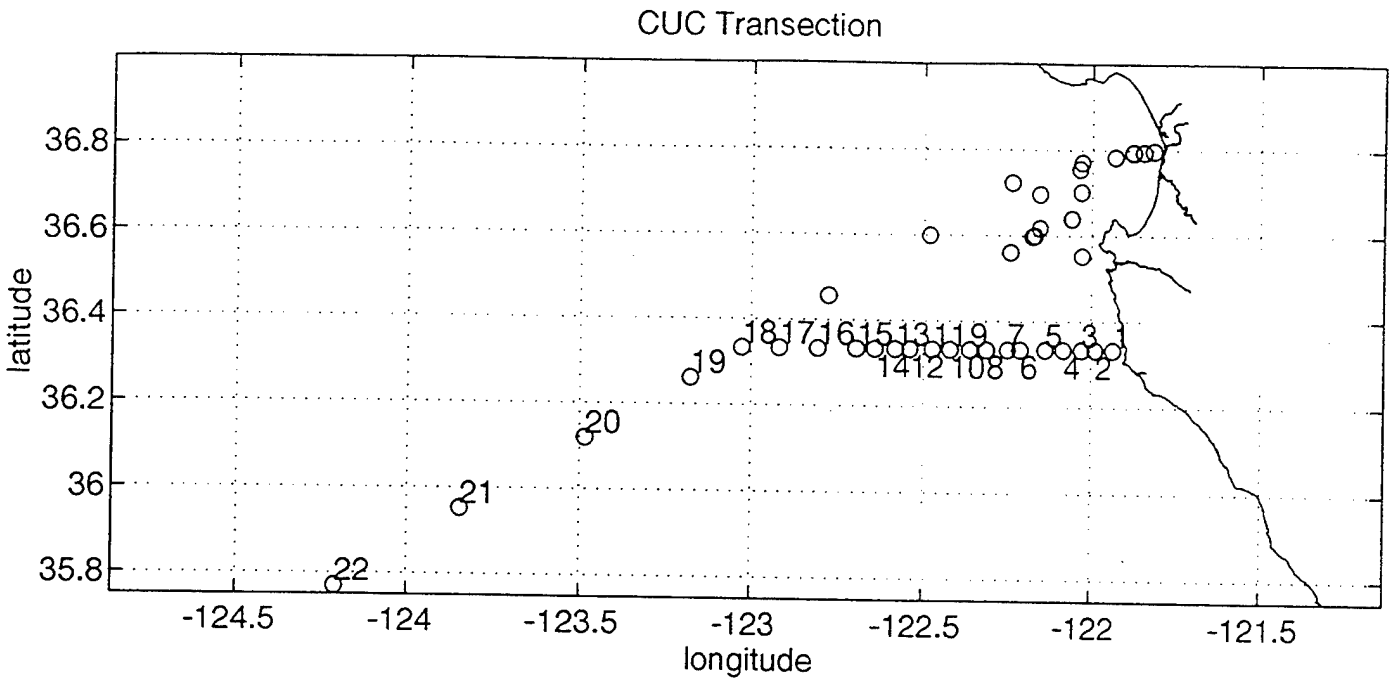


Figure 1a. The Point Sur Transection (POST), with CUC CTD station sites.

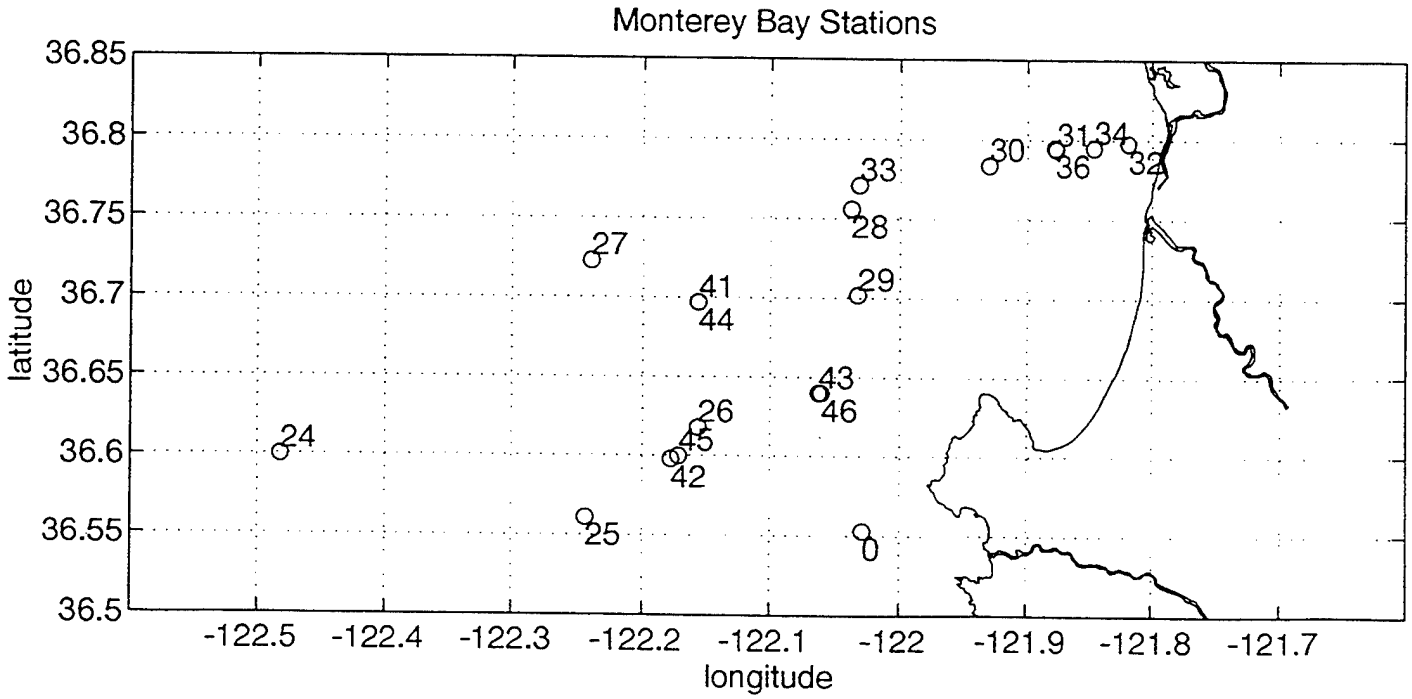


Figure 1b. CUC CTD station sites not on the POST.

Point Sur and the *USNS DeSteiguer* did not significantly deviate from these positions except insofar as weather conditions dictated. Hydrographic stations 1 through 18 were always occupied, while stations 19 through 22 were occupied as time and weather permitted (Table E1). Additionally, other hydrographic stations along the Monterey Submarine Canyon, in Carmel Bay, and in Monterey Bay (Figure 1b) were also occupied during each cruise as time and weather permitted. It should be noted that stations are more closely spaced near the coast than farther offshore (Figure 2). This was done to better resolve the current structure, which was anticipated to be relatively complex, over the shelf and slope regions.

3.0 Data Acquisition Equipment and Procedures

For all the cruises of the CUC program, hydrographic data were collected using Neil Brown Instrument Systems MK-IIIb CTDs (conductivity-temperature-depth) equipped with 0 to 6400 dbar pressure sensors. At each station, data were acquired (at a sampling rate of 32 Hz) during both the downcast and the upcast, although only the downcast data were ultimately used for the final results. At each station, the CTD was lowered through the thermocline (between 50 and 150 m, depending on the particular CUC station) at a speed of about 0.5 $m\text{-}s^{-1}$, and thereafter to the bottom at a speed of about 1.0 $m\text{-}s^{-1}$. At all stations, a General Oceanics (GO) rosette sampler was attached to the CTD and was equipped with up to 12 5-liter Niskin bottles for *in situ* water sampling. A minimum of two water samples-- one at the deepest depth of the cast and one near the surface-- was collected during the upcast at each station for salinity calibration. Additionally, water samples were usually also collected during the upcasts at depths of 1000 and 3000 m (where possible), also for salinity calibration. Finally, during all but the last cruise (April 1991), water samples from numerous other standard depths were also collected during the upcasts of approximately half the stations for chemical (e.g., oxygen) and biological analyses. All these water samples for salinity calibration were then analyzed in the laboratory immediately following each cruise using either a Guildline Autosal 8400B salinometer or an AGE Minisal salinometer. Prior to December 1990, the CTD data were acquired using an HP200 computer and were post-processed on an IBM 3033 mainframe computer at NPS using software developed internally at NPS. (For details, see Jessen, et al. [1989].) For the last three cruises of the CUC program, however, the CTD data were both acquired and post-processed on IBM-compatible computers using software developed for that purpose by EG&G, Inc. (EG&G Ocean Products, 1989).

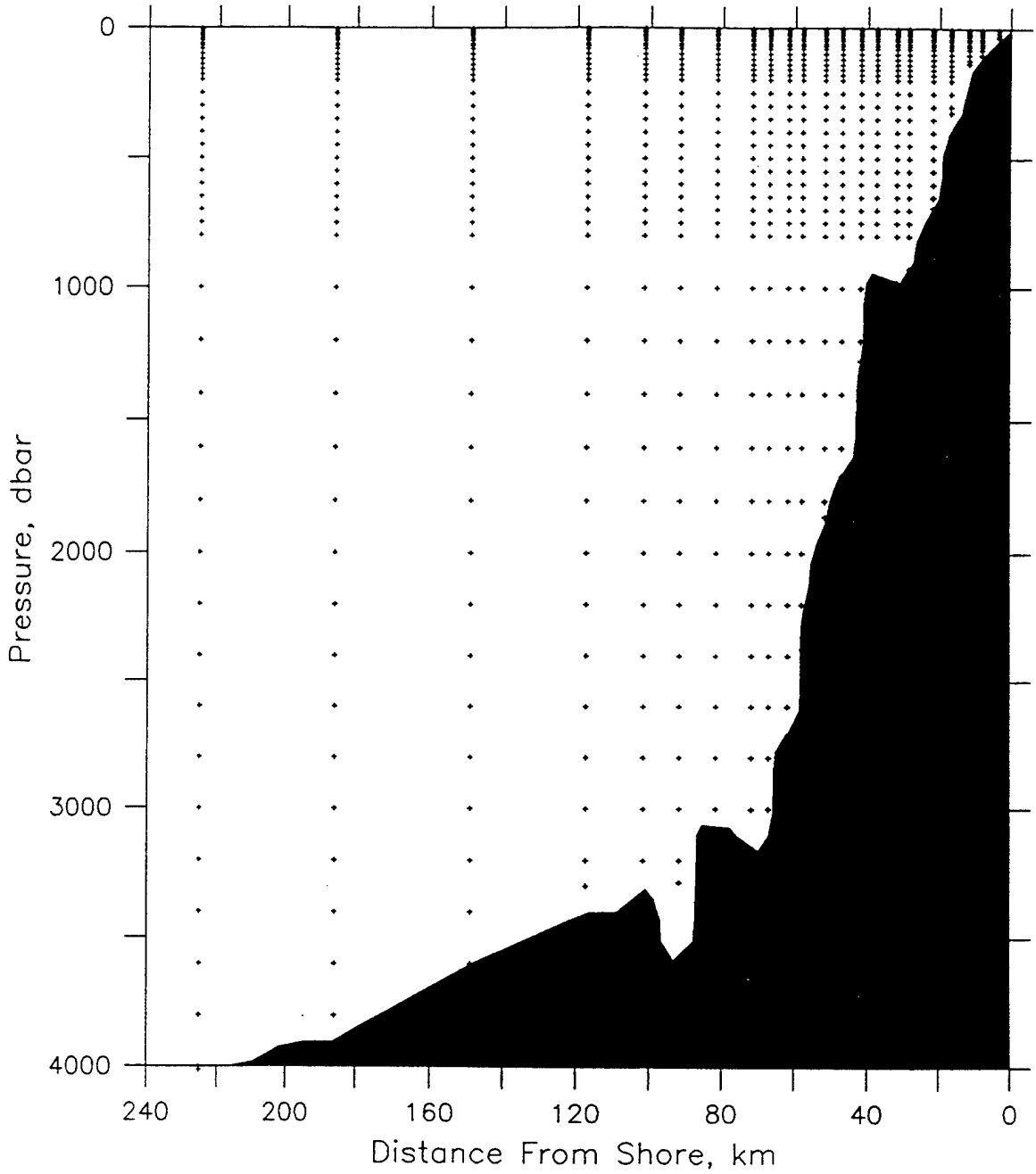


Figure 2. Nominal CTD station spacing along the POST.

4.0 Calibration Procedures

The CTD pressure and temperature sensors were calibrated shortly before and after each cruise. Because of its stability, however, the conductivity sensor was calibrated before and after only about half the cruises. When the conductivity sensor was not calibrated, its most recent calibration coefficients were used for any given cruise. However, salinities calculated from CTD conductivities were always calibrated after each cruise by comparison with *in situ* salinities of water samples collected during each cruise. Pressure and temperature (and conductivity, where applicable) calibration coefficients obtained from the pre-cruise calibrations were generally the values used for acquisition and post-processing of the hydrographic data, unless there were compelling reasons to do otherwise. The calibration coefficients used during the CUC program are tabulated in Appendix D.

4.0.1 Pressure

The pressure calibration was carried out using a Chandler Engineering deadweight tester as a standard. Indicated pressures from the standard and the CTD sensor were recorded at approximately equally spaced pressures from 0 to 5000 dbar. A regression analysis was performed fitting the CTD pressures to the standard pressures, which yielded a linear fit (slope and intercept). This linear fit was applied during the acquisition of the hydrographic data. During post-processing of the hydrographic data, an additional adjustment to the pressure data was applied: the CTD pressure offset at the beginning of each cast was used as the final intercept. The calibration coefficients for pressure during the CUC program are given in Appendix D.

4.0.2 Temperature

The temperature calibration was done using a Sea-Bird SBE3 temperature sensor as a standard. This standard sensor is recalibrated by the manufacturer approximately every six months. A temperature bath of 70 to 80 liters of fresh water in an insulated tub was used to compare the standard and CTD sensors at 1° increments from 0° to 20° Celsius. Thirty data points were collected at each temperature and then averaged to yield a single calibration point for each temperature. A regression analysis was performed on the 21 calibration points, which yielded a linear fit (slope and intercept). The calibration coefficients for temperature during the CUC program are given in Appendix D.

4.0.3 Conductivity

At the beginning of the CUC program, the conductivity calibration was done using water samples analyzed by a Guildline 8400B Autosal salinometer as standards. Later, a Neil Brown Conductivity Salinity Adaptor CSA 1250 conductivity cell was used as a standard (with water samples analyzed by the 8400B Autosal used to doublecheck the calibration of the conductivity cell). Five saltwater baths of 70 to 80 liters with salinities ranging from about 15 mmho-cm^{-1} to about 55 mmho-cm^{-1} are maintained at room temperature. Indicated conductivities from the standard--either water samples from each bath or conductivity cell values-- and from the CTD sensor were recorded for each water bath. Regressions were then performed fitting the CTD conductivities to the standard, which yielded a linear fit (slope and intercept). This linear fit was applied during the acquisition of the hydrographic data. Because the conductivity calibration of the CTD varies very slowly over time, it was not done before and after every cruise of the CUC program. The calibration coefficients for conductivity during the CUC program are given in Appendix D.

4.0.4 Salinity

In situ water samples were used to adjust final salinity values for each cruise. Usually, a straightforward procedure similar to that used for the pressure and temperature calibrations was used. However, because of a conductivity sensor fault, a more complicated two-step procedure was required for salinity calibration of six of the early cruises of the project. For the simpler, straightforward salinity calibration procedure, the CTD pressure, temperature, and conductivity were recorded as each water sample was collected. These numbers, after applying the appropriate calibration coefficients (Appendix D), were used to calculate salinity and the results compared with the water sample salinities determined in the laboratory after each cruise using a Guildline 8400B Autosal salinometer or an AGE Minisal salinometer. The mean and standard deviation of the differences between the CTD salinities and water sample salinities were calculated. Data points greater than two standard deviations from the mean were discarded. The mean of the remaining salinity differences was then calculated and subtracted (as an offset) from the CTD salinities. A regression was then run on the "offset-corrected" data, yielding a linear relationship (slope and intercept). The comparisons of the water sample salinities with the CTD salinities is given in Appendix C2.

In addition to the standard procedure above, an

additional step was required for the salinity calibration of the CTD during some of the early cruises of the project. It was discovered that one of the CTDs used during the CUC project had a defective conductivity cell which produced larger errors as the ambient pressure was increased. An additional initial step, therefore, was required in these cases to remove the pressure effect. It was found that a second-order polynomial fit between the salinity differences (between the collected water sample and the instrument observed salinities) and the pressures at which the water samples were collected could be used to model the pressure dependence of the sensor. Fitted salinity differences were computed from the polynomials and added to the instrument salinities, removing the pressure effect. Thereafter, the salinity calibration proceeded in the standard method described above, with an offset being determined and subtracted from the data followed by a regression being run on the "offset-corrected" data to yield a linear fit (slope and intercept). The coefficients of the second-order polynomial fit are given in Appendix C1; the standard comparisons of the water sample salinities with the "pressure corrected" CTD salinities are given in Appendix C2. A more extensive discussion of the removal of the CTD pressure dependence effect can be found in Tisch (1990).

5.0 Data Processing

(Although the actual hardware and software changed after the November 1990 cruise, the CTD data processing methods used were, if not identical, similar both before and after December 1990. For a detailed description of the data processing software and methods used during the CUC program prior to December 1990, see Jessen, et al. [1989]. For a more detailed description of the processing software and its use after December 1990, see EG&G Ocean Products, 1989.)

Raw CTD data were processed on a PC-compatible computer system. The software (EG&G Ocean Products, 1989) automatically flags suspicious pressure, temperature, and conductivity data based on user-specified first differencing criteria, and allows the user to examine and interpolate across flagged data as necessary. After the elimination through interpolation of any bad data, salinity was calculated from corrected values of pressure, temperature, and conductivity according to the algorithm of Lewis and Perkin (1981) and utilizing a dual time lag filter to remove time lag spikes. The data were then averaged to 2 dbar. The final salinity corrections (as described above) were then applied. The data tables provided in Section 9 are derived from 10-meter block averages of the final 2-meter data set.

6.0 Presentation of the Data

Stations 1 through 18 were closely spaced along 36° 20' N for a distance of approximately 101 km. Stations 18 through 22 extended an additional 125 km along CalCOFI line 67, which is oriented at an angle to the near-shore segment of the transection (Figure 1a). Figure 2 shows the nominal spacing of the stations along 36° 20' N and CalCOFI Line 67. Finally, a few stations in Monterey Bay and a single station in Carmel Bay were also sampled (Figure 1b).

Most stations were visited approximately six times per year from April 1988 to April 1991, except that the CUC transection was occupied twice during the April 1988 cruise. (The first occupation is referred to as April 1988A, the second as April 1988B.) Stations 1 through 18 were sampled on every cruise. Section 8.0.1 presents charts of the locations of the stations sampled during each cruise of the CUC project. Mean fields for the CUC hydrographic transection, including a mean temperature-salinity graph and a mean density anomaly-spiciness graph, are shown in section 8.0.2. Individual cruise hydrographic transections for temperature and salinity are given in section 8.0.3, and for density anomaly and spiciness in section 8.0.4. The individual hydrographic transections include the pertinent station locations. All the transections were constructed with a contouring grid which had 30 points horizontally and 50 vertically using program Plot Plus. This yielded grid intervals of less than 8 km horizontally and 80 dbars vertically.

Finally, temperature-salinity and density anomaly-spiciness plots are given for the individual cruises in sections 8.0.5 and 8.0.6, respectively.

7.0 Acknowlegements

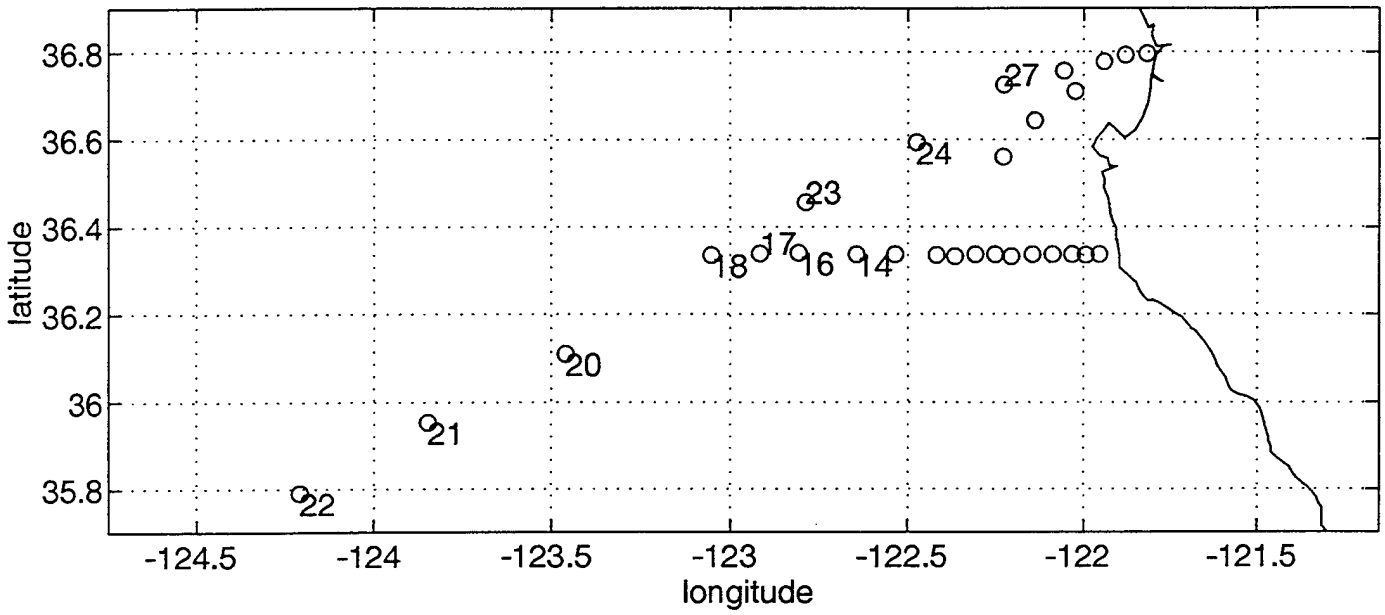
This work was funded by the Naval Postgraduate School, with shiptime funding from the Oceanographer of the Navy. The authors wish to thank Mr. Paul Jessen for both his help at sea and his help in processing much of these data. We also wish to thank everyone who participated in the cruises, particularly Mr. Andy Anderson for his durability and seamanship. Finally, the able assistance of the masters and crews of the *USNS DeSteiguer* and the *R/V Point Sur* is much appreciated.

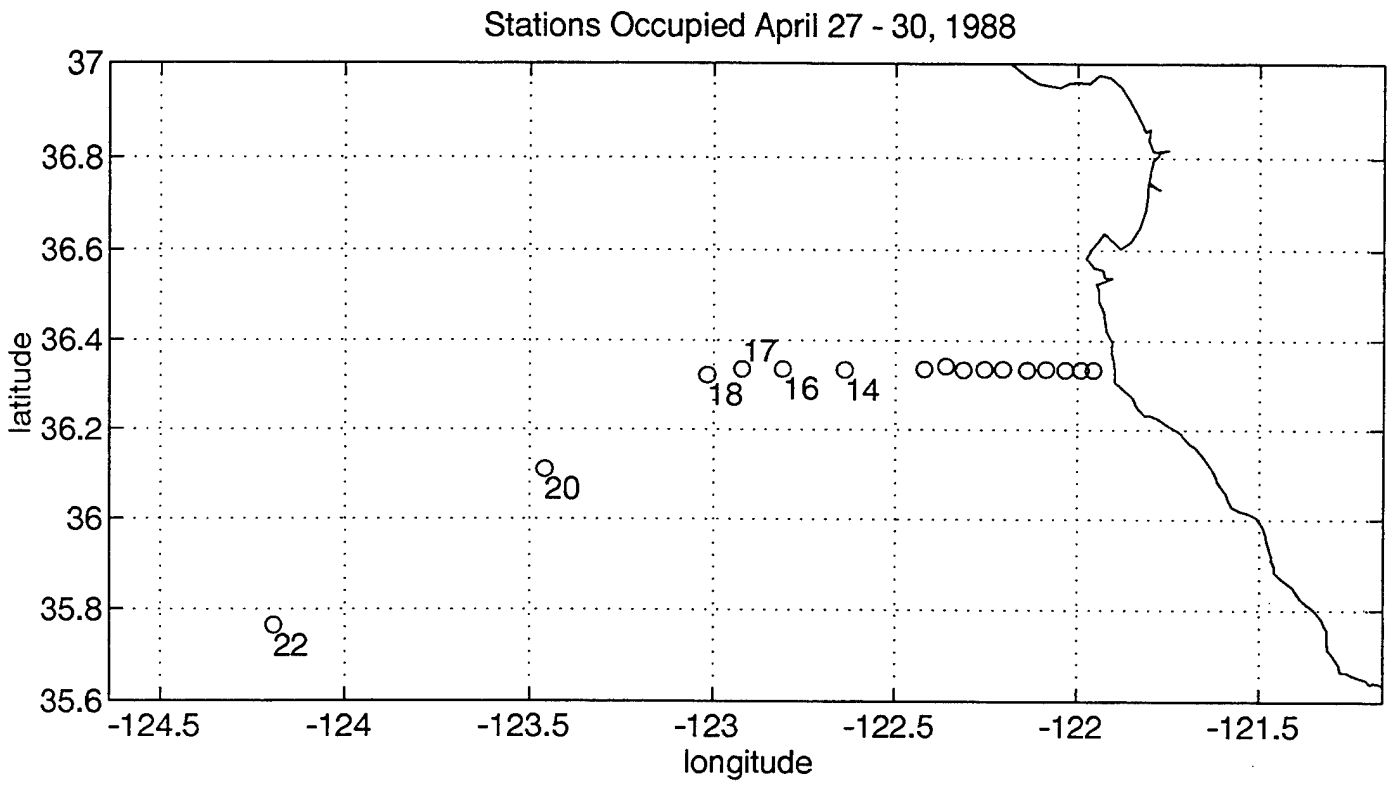
8.0.1 CTD Station Locations by Cruise

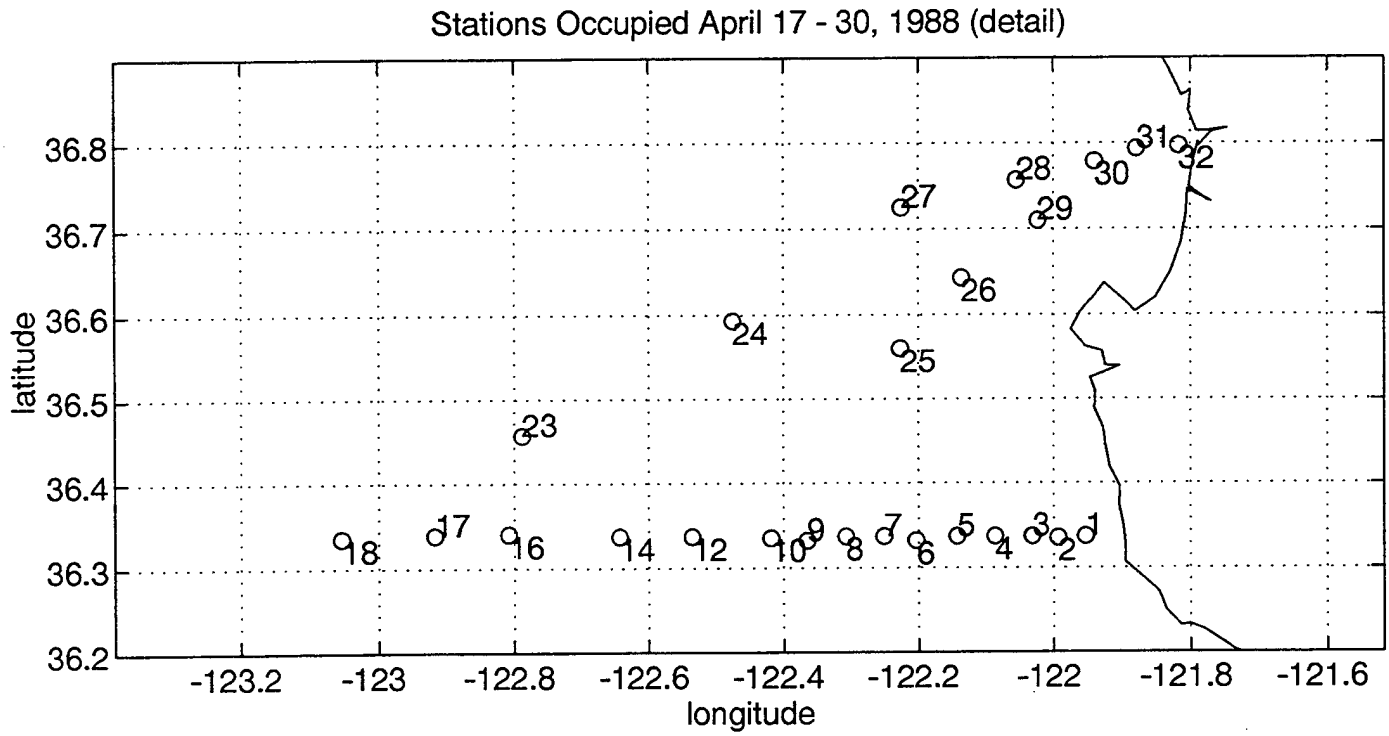
Cruise	Page
April 1988	11-14
August 1988	15
September 1988	16
November 1988	17-18
February 1989	19
March 1989	20
May 1989	21
July 1989	22
September 1989	23
November 1989	24-25
January 1990	26-27
March 1990	28-29
May 1990	30-31
June 1990	32-33
August 1990	34
October 1990	35-36
December 1990	37
February 1991	38-39
April 1991	40-41

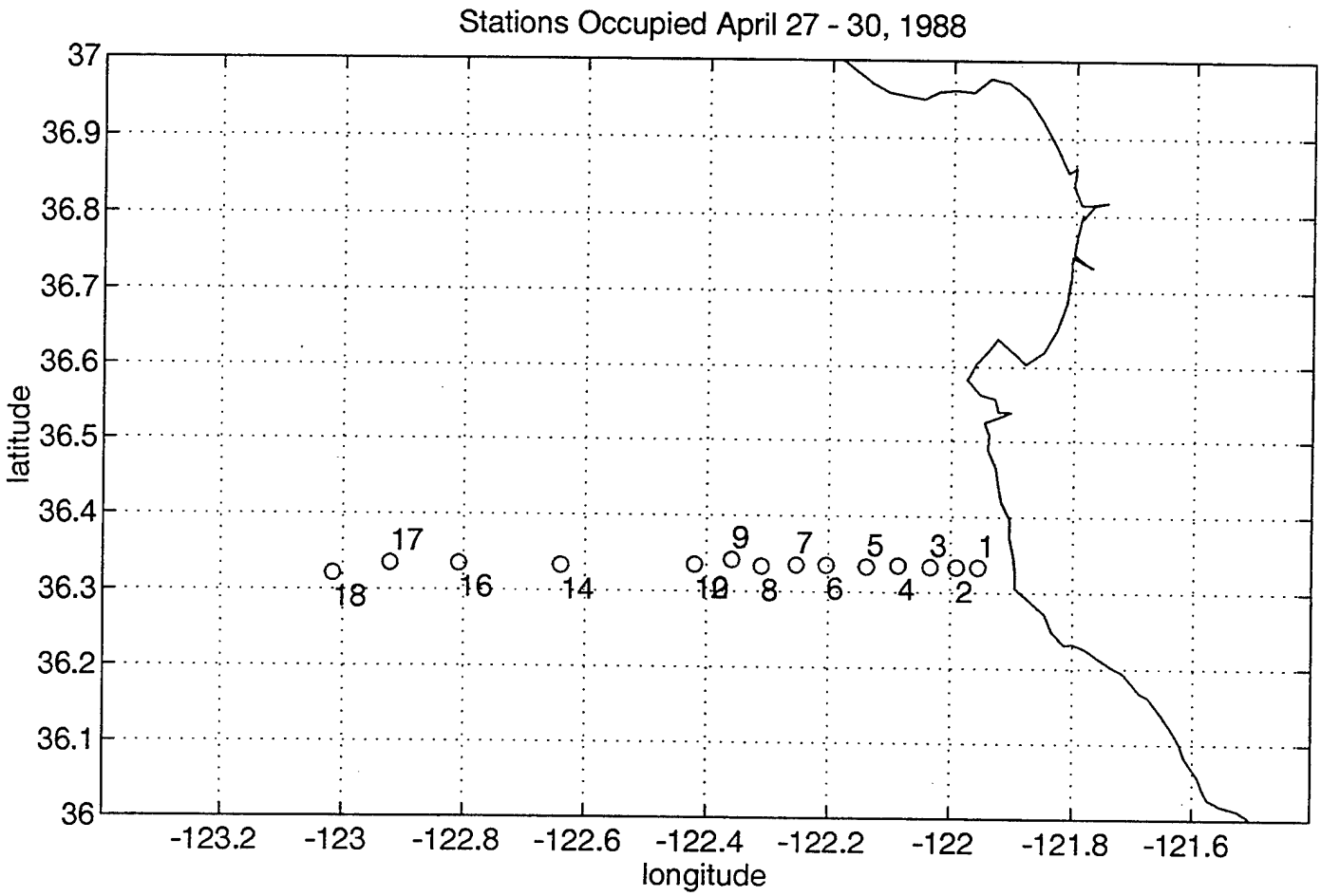
(This page left blank intentionally.)

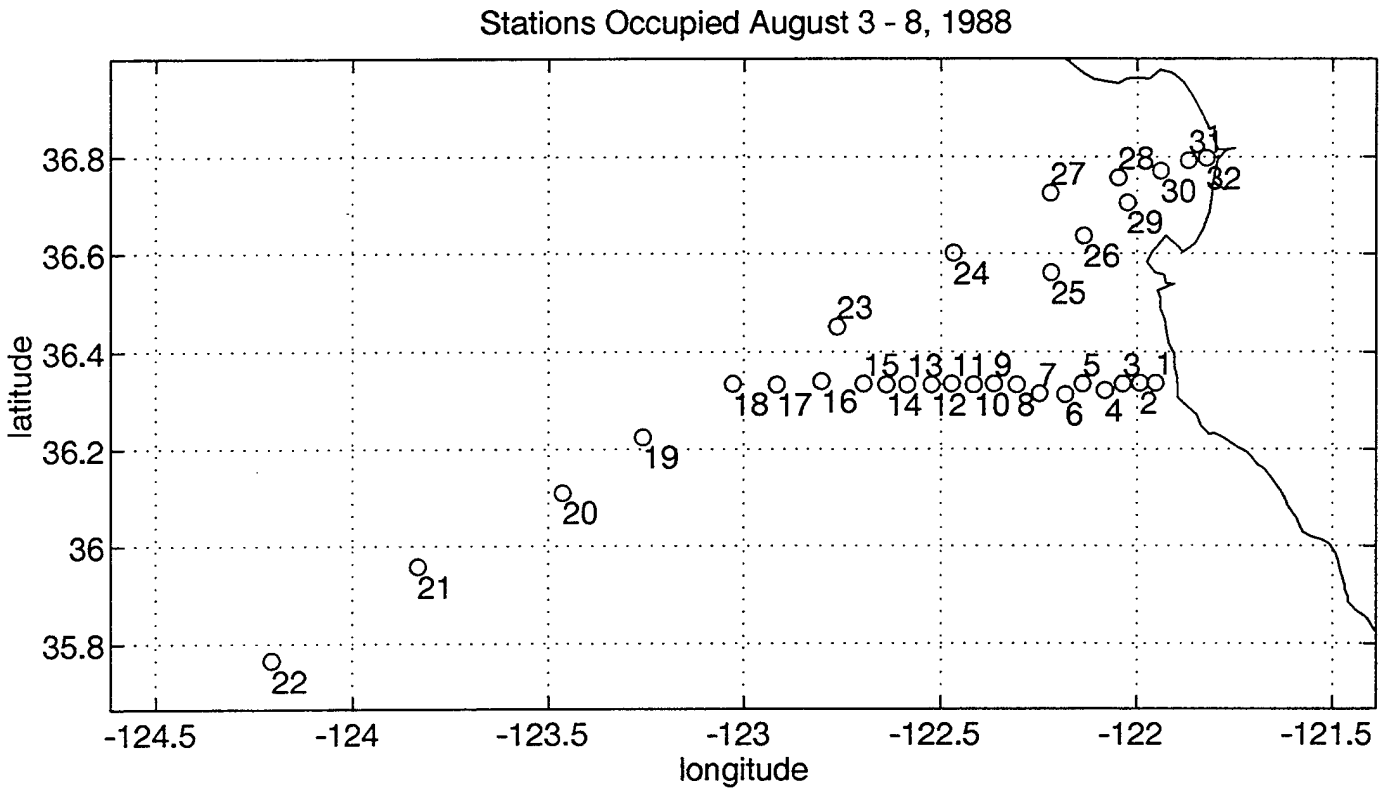
Stations Occupied April 17 - 30, 1988

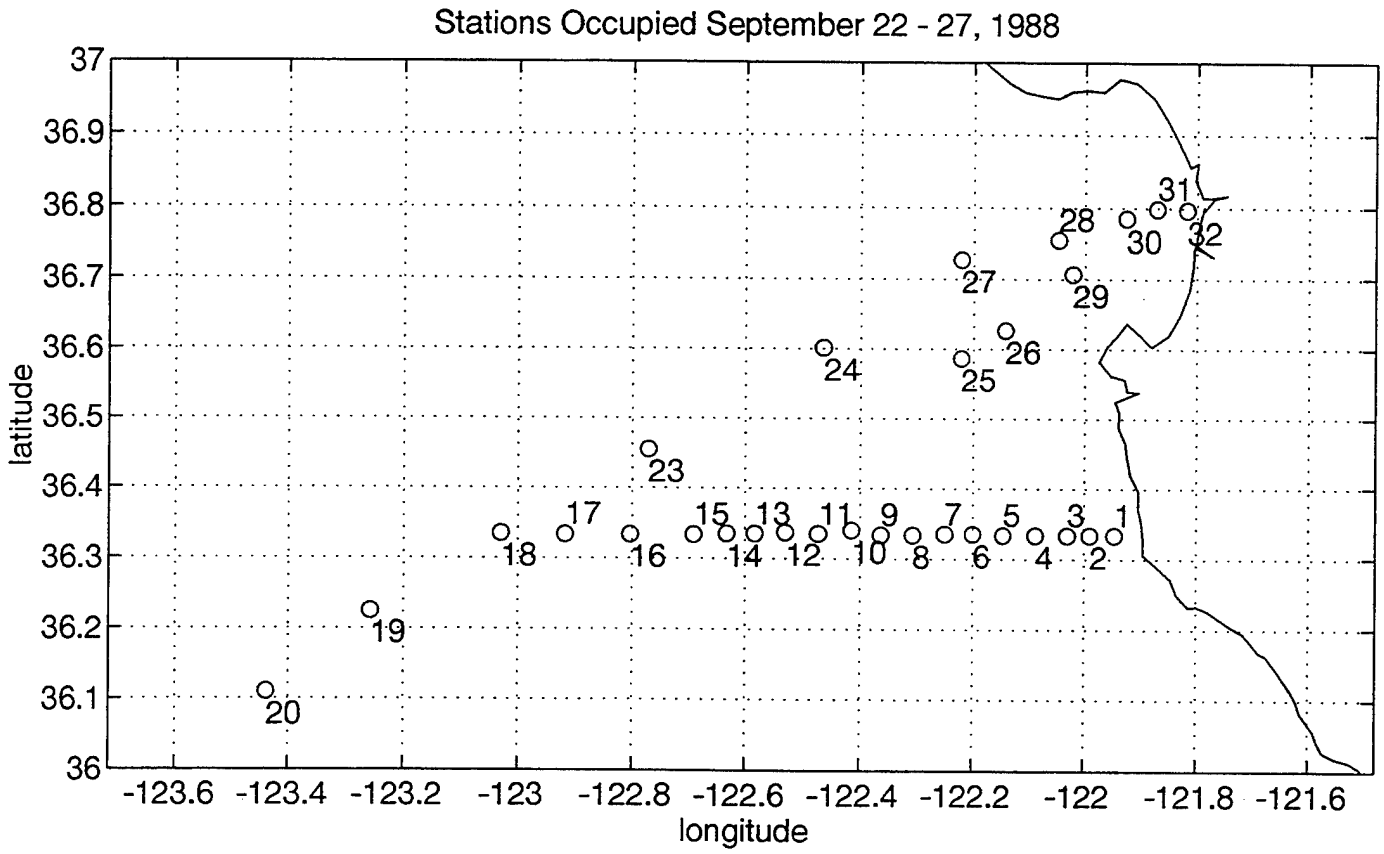


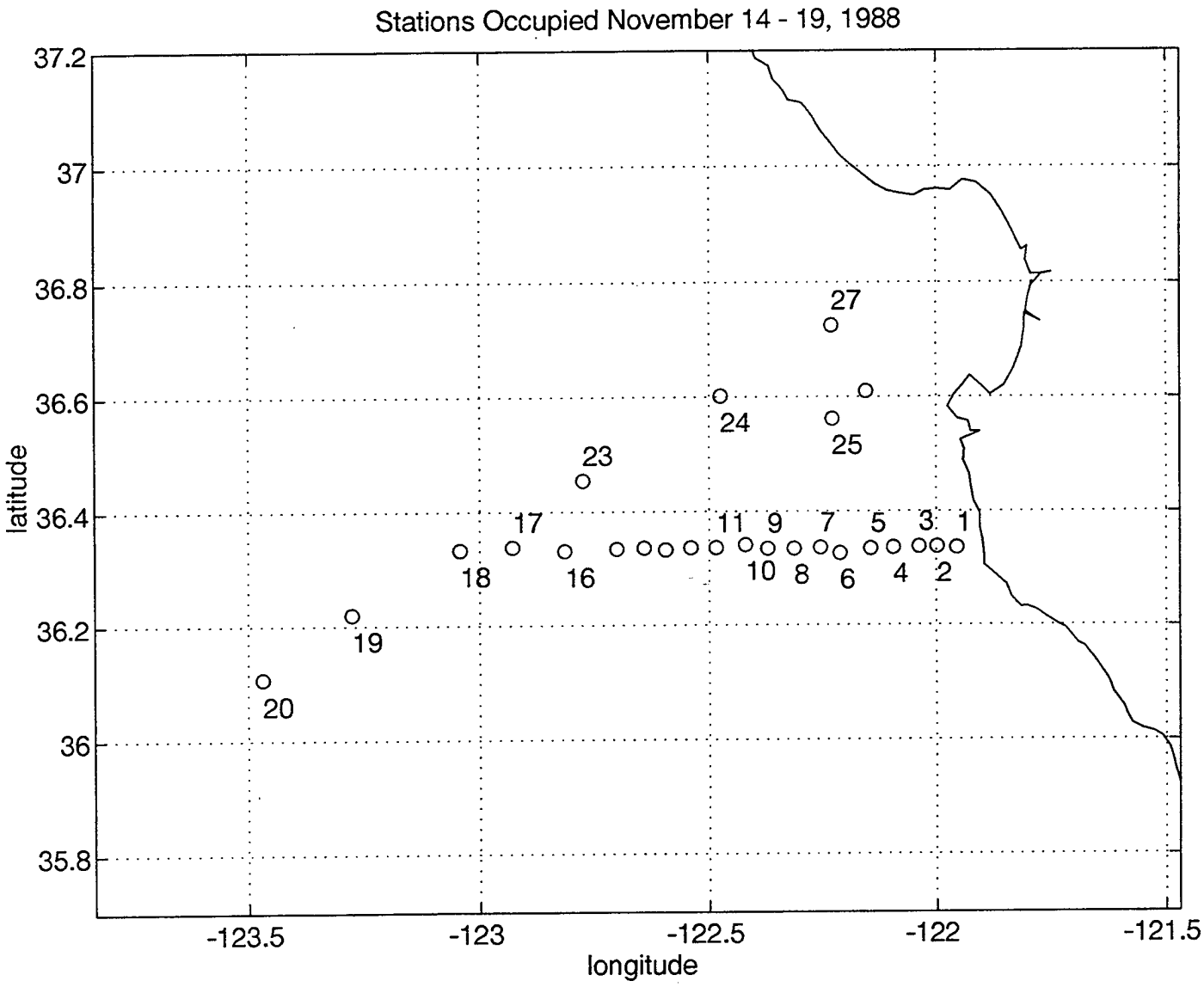

Stations Occupied April 27 - 30, 1988
37
36.8
36.6
36.4
36.2
36
35.8
35.6
latitude
-124.5
-124
-123.5
-123
-122.5
-122
-121.5
longitude
17
18
16
14
20
22

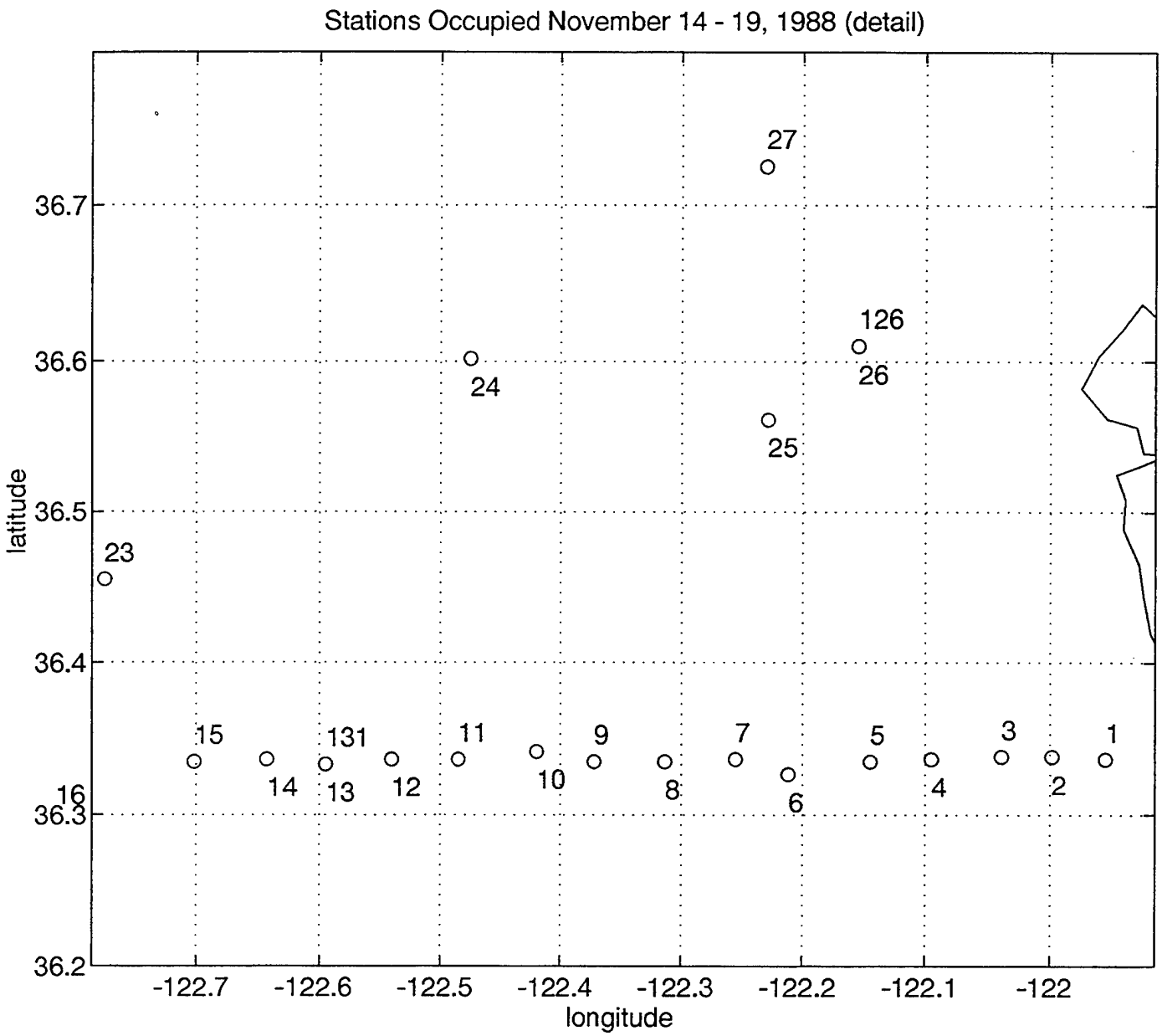

Stations Occupied April 17 - 30, 1988 (detail)
latitude
36.8
36.7
36.6
36.5
36.4
36.3
36.2
-123.2
-123
-122.8
-122.6
-122.4
-122.2
-122
-121.8
-121.6
longitude
31
32
28
30
27
29
26
24
25
23
17
18
16
14
12
10
9
8
7
6
5
4
3
2
1

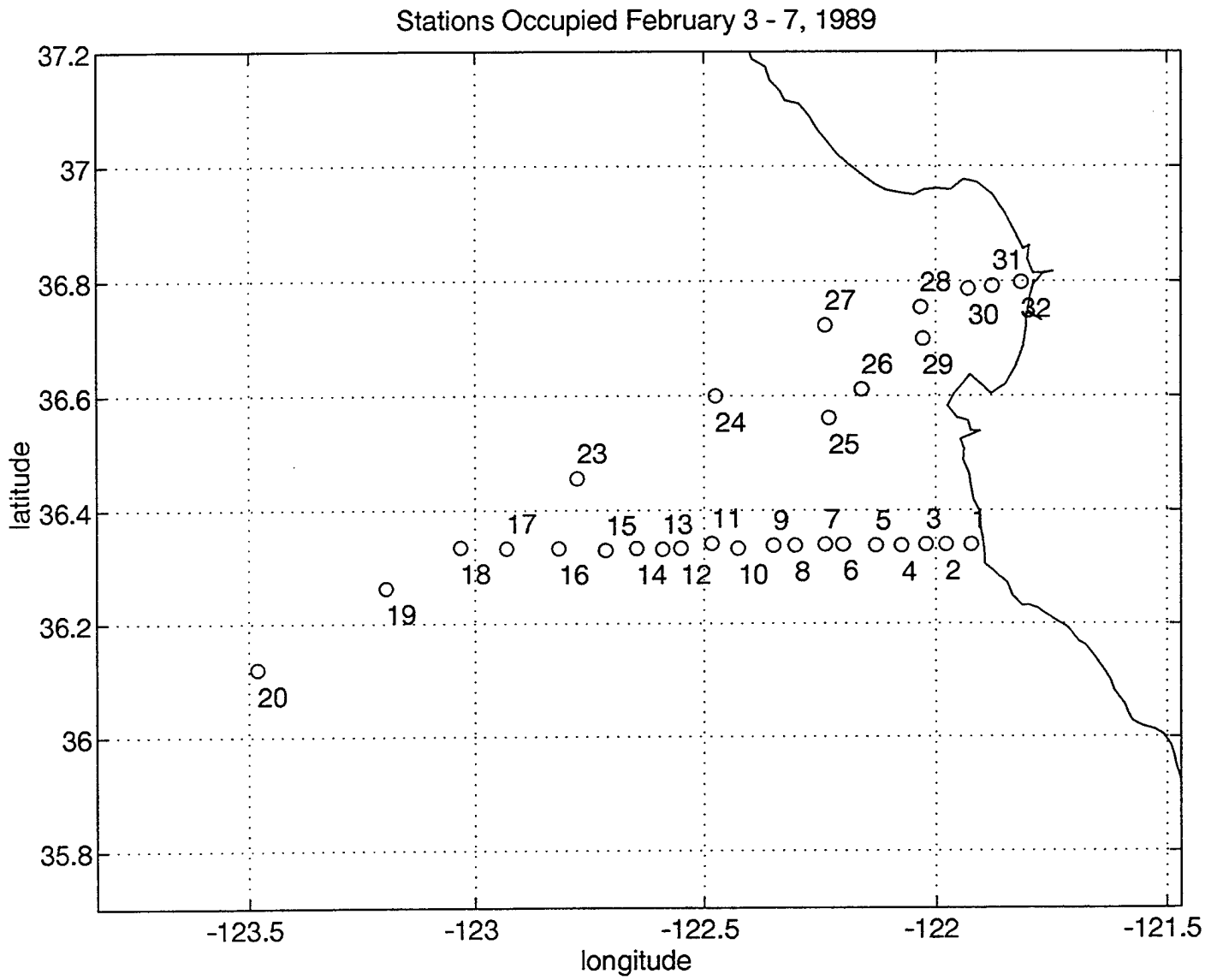

Stations Occupied April 27 - 30, 1988
latitude
longitude
37
36.9
36.8
36.7
36.6
36.5
36.4
36.3
36.2
36.1
36
-123.2
-123
-122.8
-122.6
-122.4
-122.2
-122
-121.8
-121.6
1
2
3
4
5
6
7
8
9
10
12
14
16
17
18

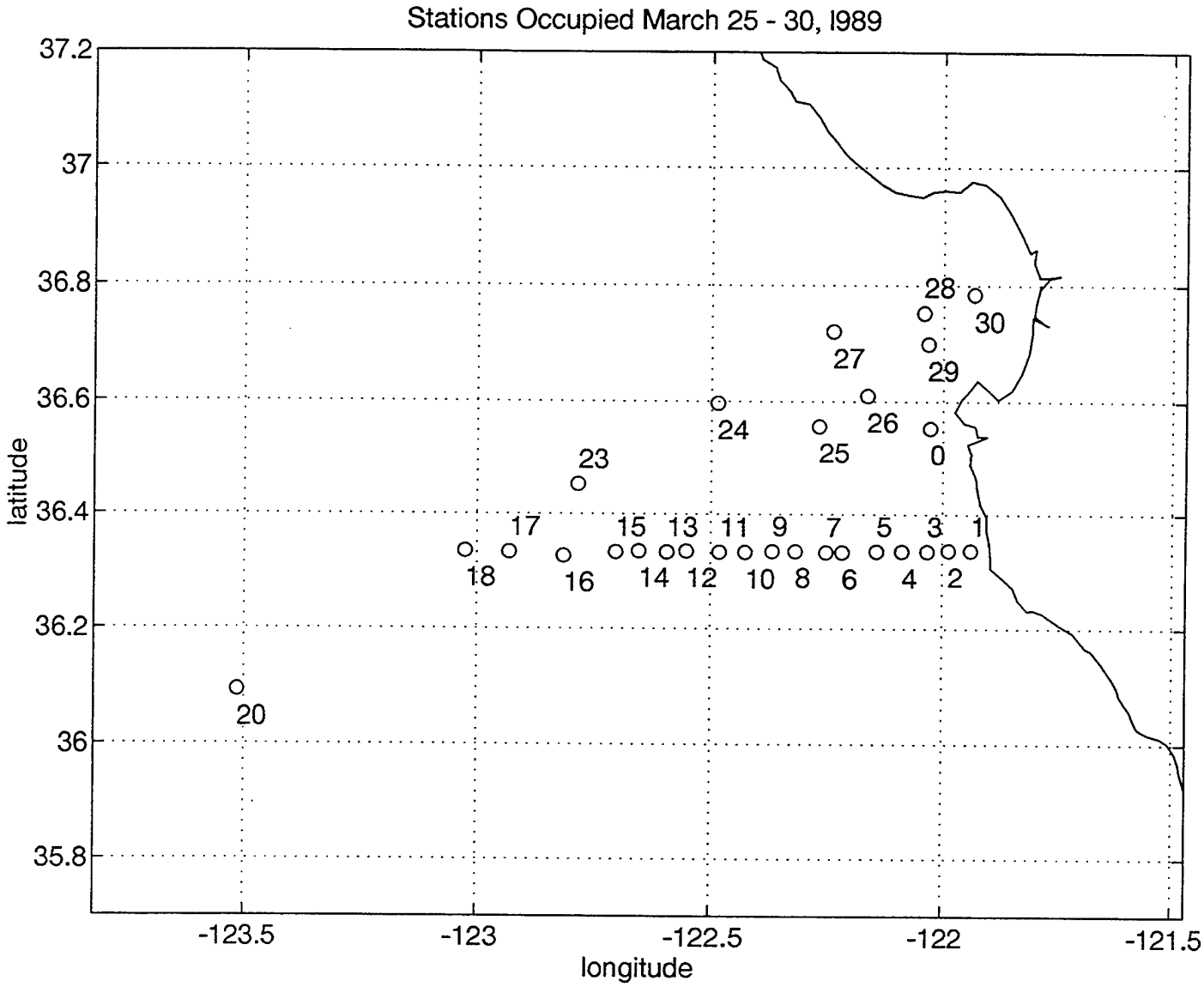

Stations Occupied August 3 - 8, 1988
latitude
longitude
36.8
36.6
36.4
36.2
36
35.8
-124.5
-124
-123.5
-123
-122.5
-122
-121.5
31
28
27
30
32
29
26
24
25
23
15 13 11 9 7 5 3 1
18 17 16 14 12 10 8 6 4 2
19
20
21
22

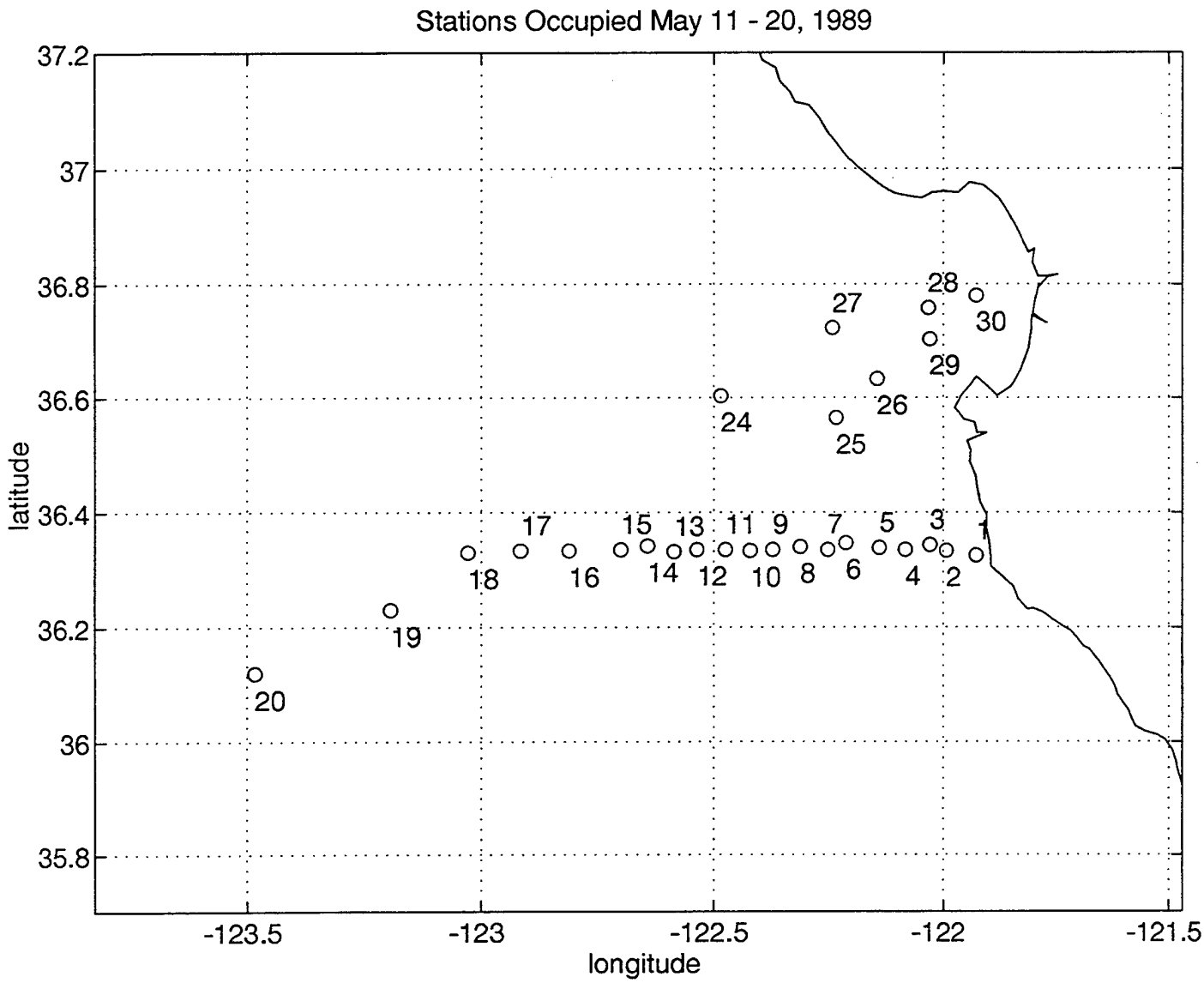

Stations Occupied September 22 - 27, 1988
latitude
longitude
37
36.9
36.8
36.7
36.6
36.5
36.4
36.3
36.2
36.1
36
-123.6
-123.4
-123.2
-123
-122.8
-122.6
-122.4
-122.2
-122
-121.8
-121.6
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
23
24
25
26
27
28
29
30
31
32

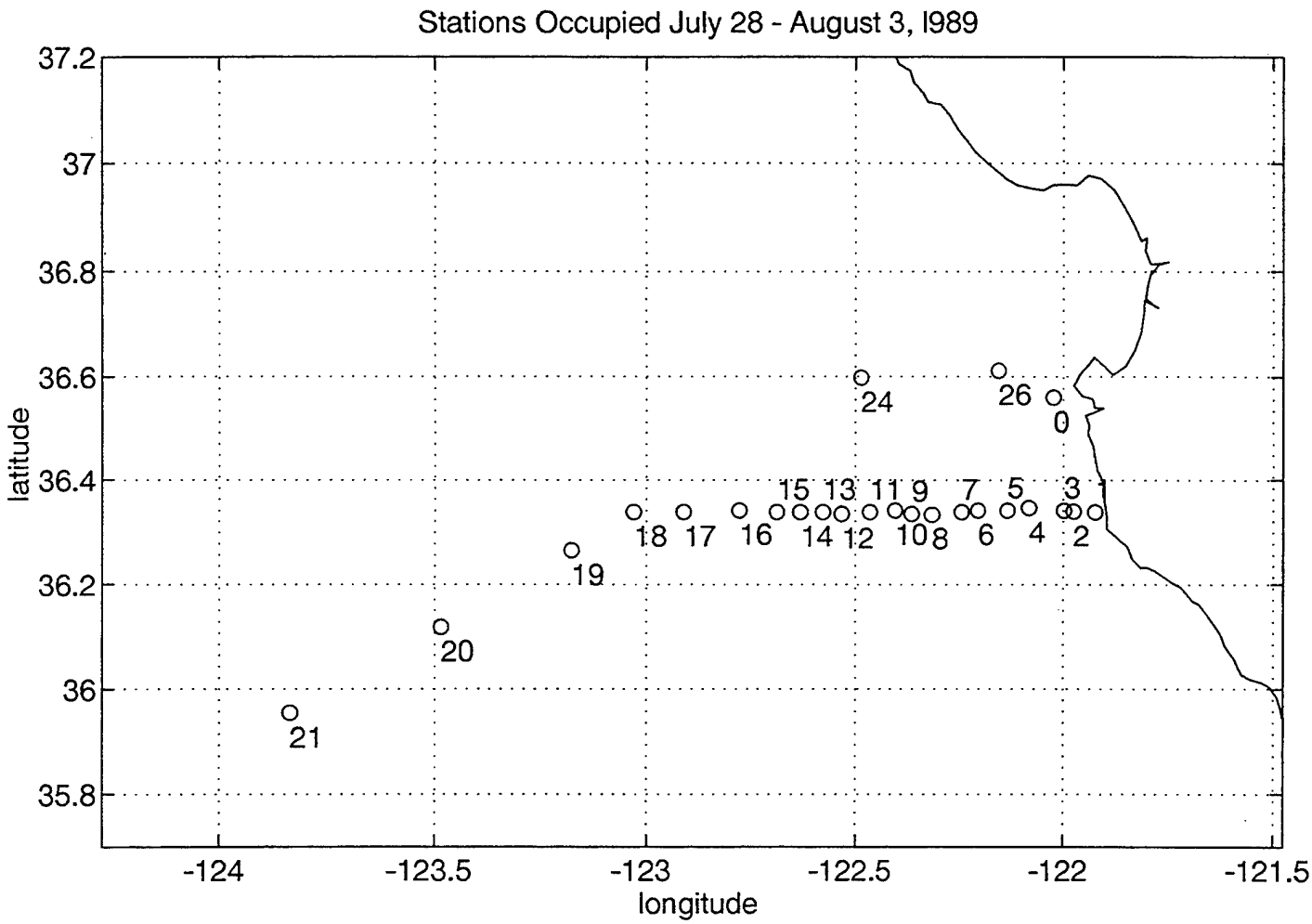

Stations Occupied November 14 - 19, 1988
37.2
37
36.8
36.6
36.4
36.2
36
35.8
latitude
-123.5
-123
-122.5
-122
-121.5
longitude
27
24
25
23
17
11
9
7
5
3
1
18
16
10
8
6
4
2
19
20

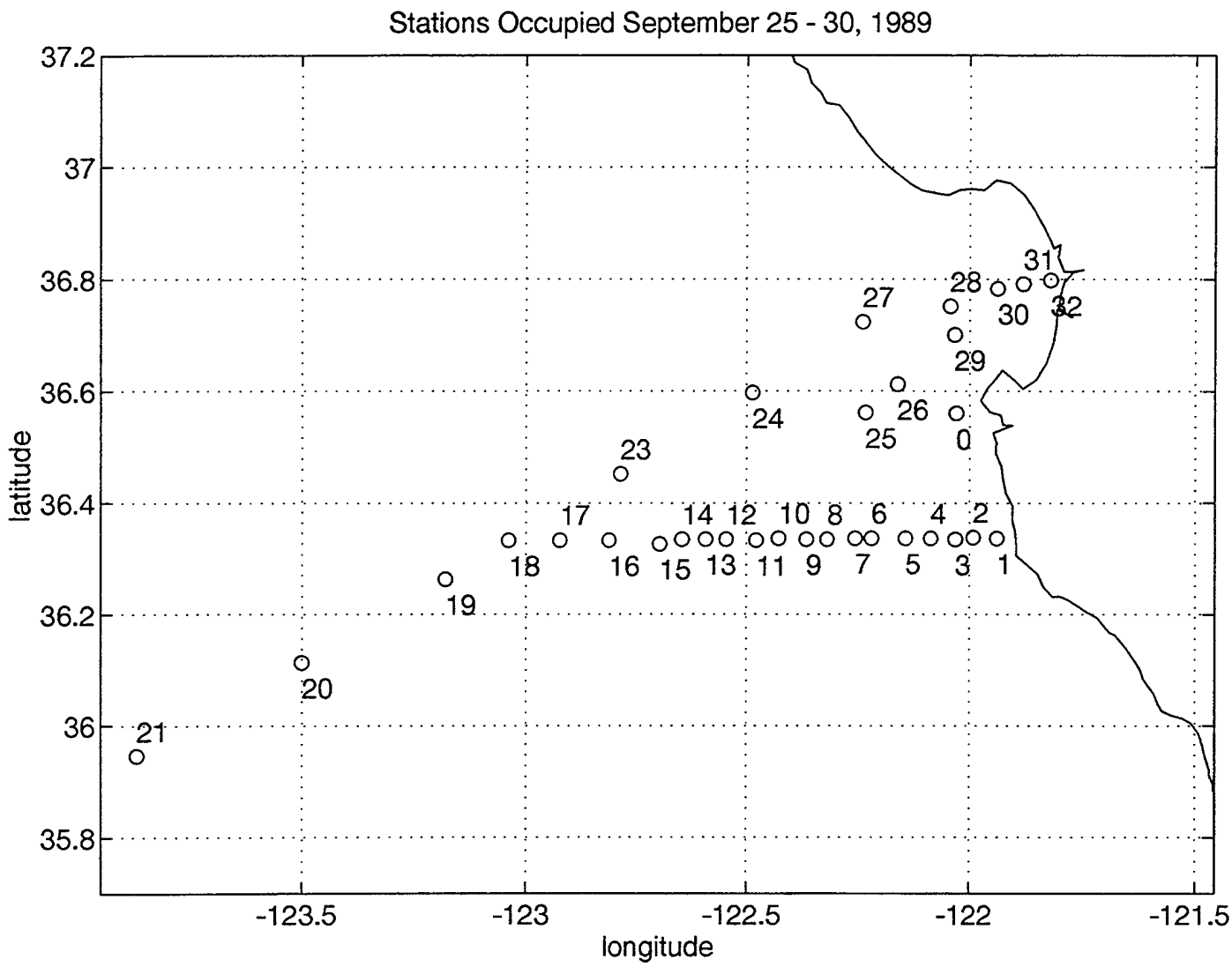

Stations Occupied November 14 - 19, 1988 (detail)
latitude
longitude
36.7
36.6
36.5
36.4
36.3
36.2
-122.7
-122.6
-122.5
-122.4
-122.3
-122.2
-122.1
-122
27
126
26
24
25
23
15
131
11
9
7
5
3
1
16
14
13
12
10
8
6
4
2

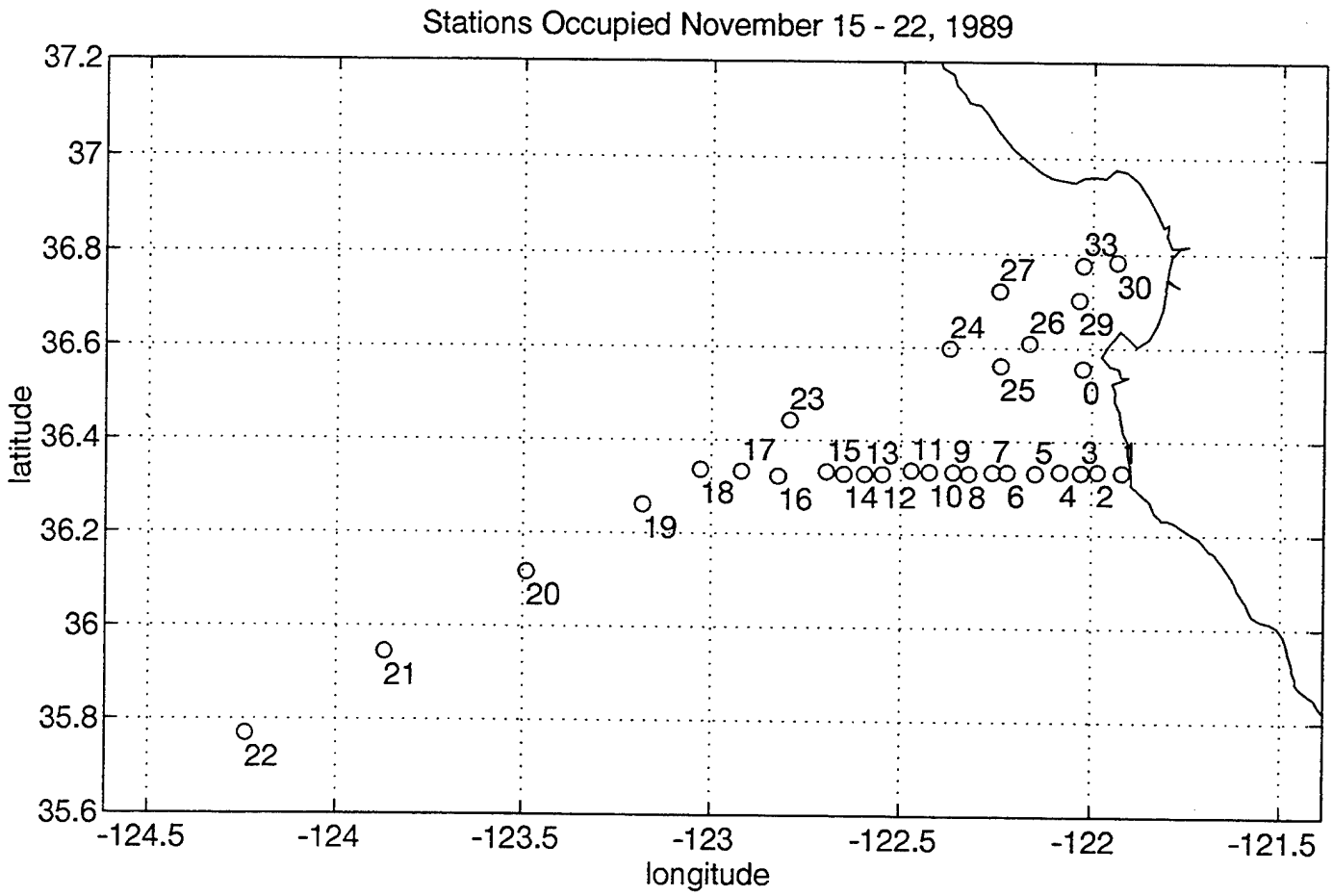

Stations Occupied February 3 - 7, 1989
37.2
37
36.8
36.6
36.4
36.2
36
35.8
latitude
-123.5
-123
-122.5
-122
-121.5
longitude
31
28
27
30
32
29
26
24
25
23
17
15
13
11
9
7
5
3
18
16
14
12
10
8
6
4
2
19
20

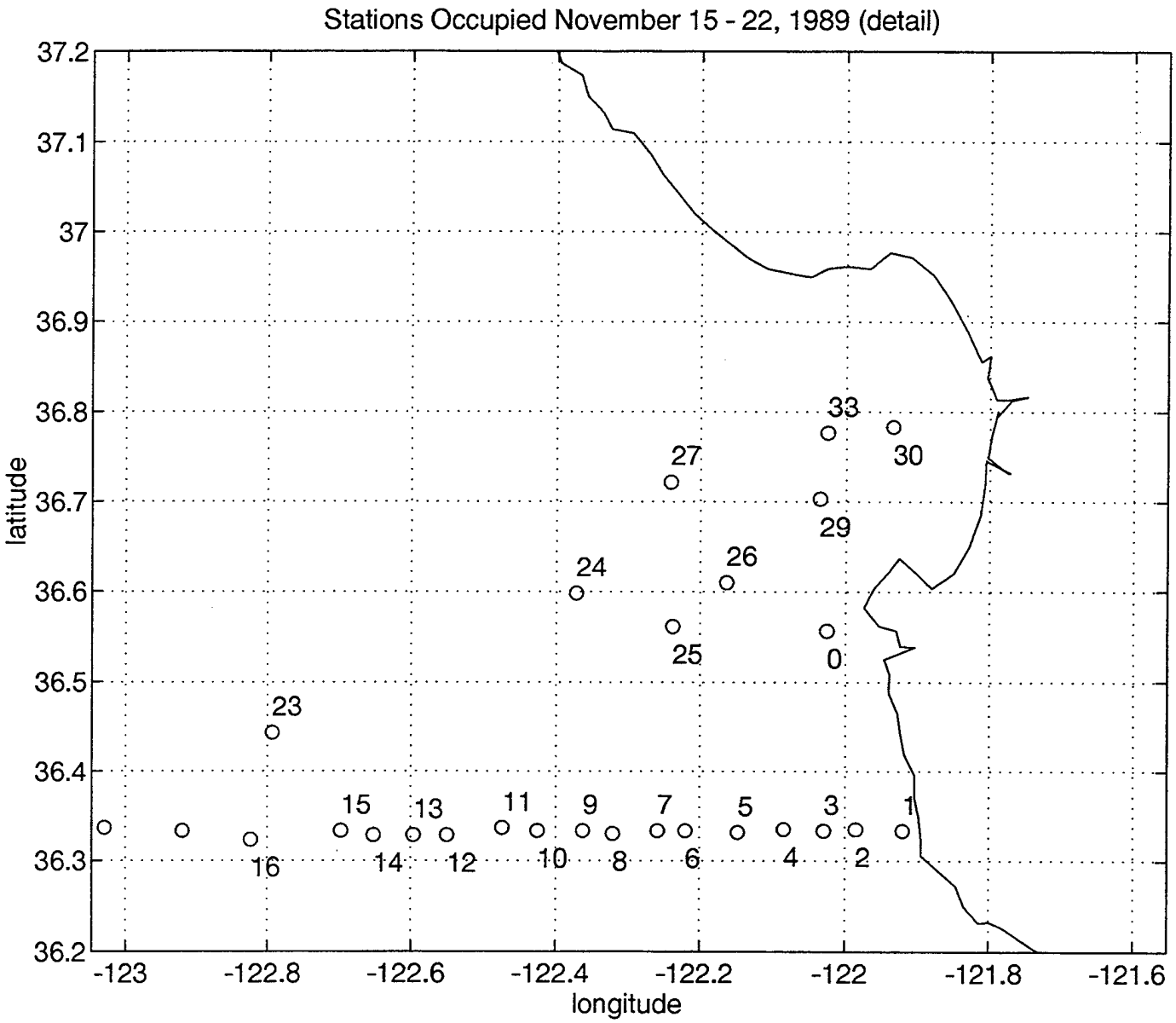

Stations Occupied March 25 - 30, 1989
37.2
37
36.8
36.6
36.4
36.2
36
35.8
latitude
-123.5
-123
-122.5
-122
-121.5
longitude
28
30
27
29
24
26
25
0
23
17
15
13
11
9
7
5
3
1
18
16
14
12
10
8
6
4
2
20

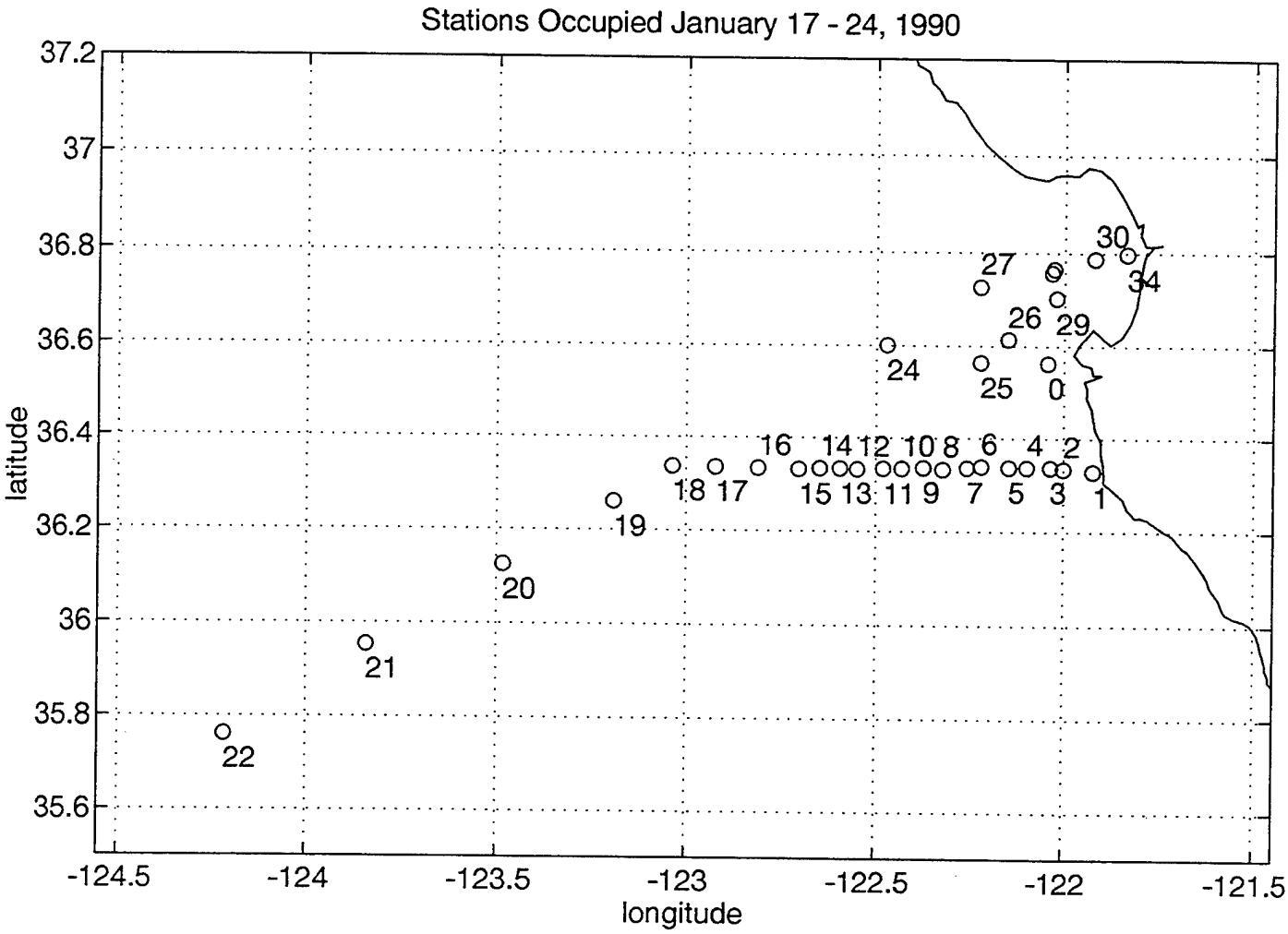

Stations Occupied May 11 - 20, 1989
37.2
37
36.8
36.6
36.4
36.2
36
35.8
latitude
-123.5
-123
-122.5
-122
-121.5
longitude
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
24
25
26
27
28
29
30


Stations Occupied July 28 - August 3, 1989
37.2
37
36.8
36.6
36.4
36.2
36
35.8
latitude
-124
-123.5
-123
-122.5
-122
-121.5
longitude
24
26
0
15 13 11 9 7 5 3 1
18 17 16 14 12 10 8 6 4 2
19
20
21

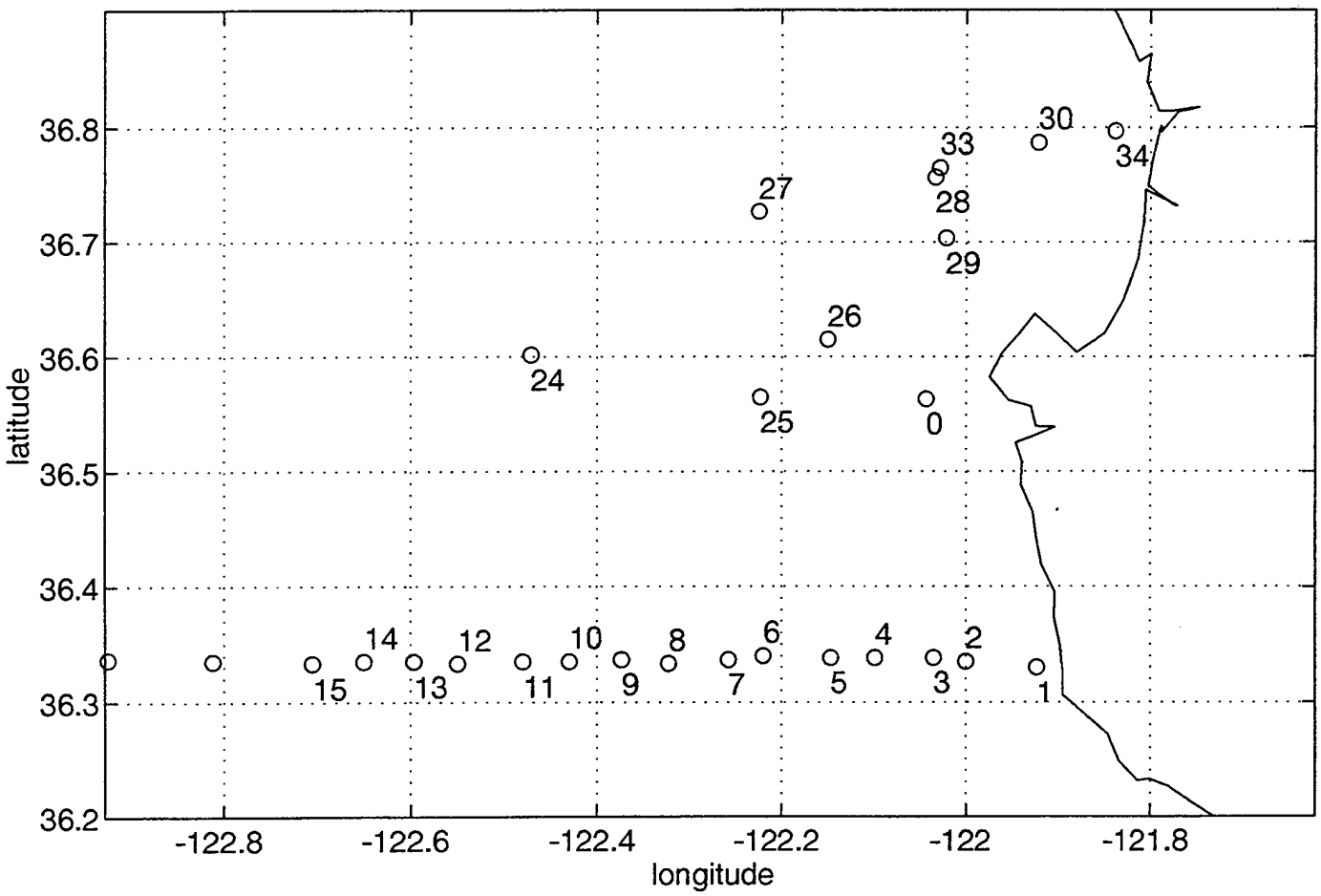

Stations Occupied September 25 - 30, 1989
37.2
37
36.8
36.6
36.4
36.2
36
35.8
latitude
-123.5
-123
-122.5
-122
-121.5
longitude
31
28
27
30
32
29
24
26
25
0
23
17
14
12
10
8
6
4
2
18
16
15
13
11
9
7
5
3
1
19
20
21

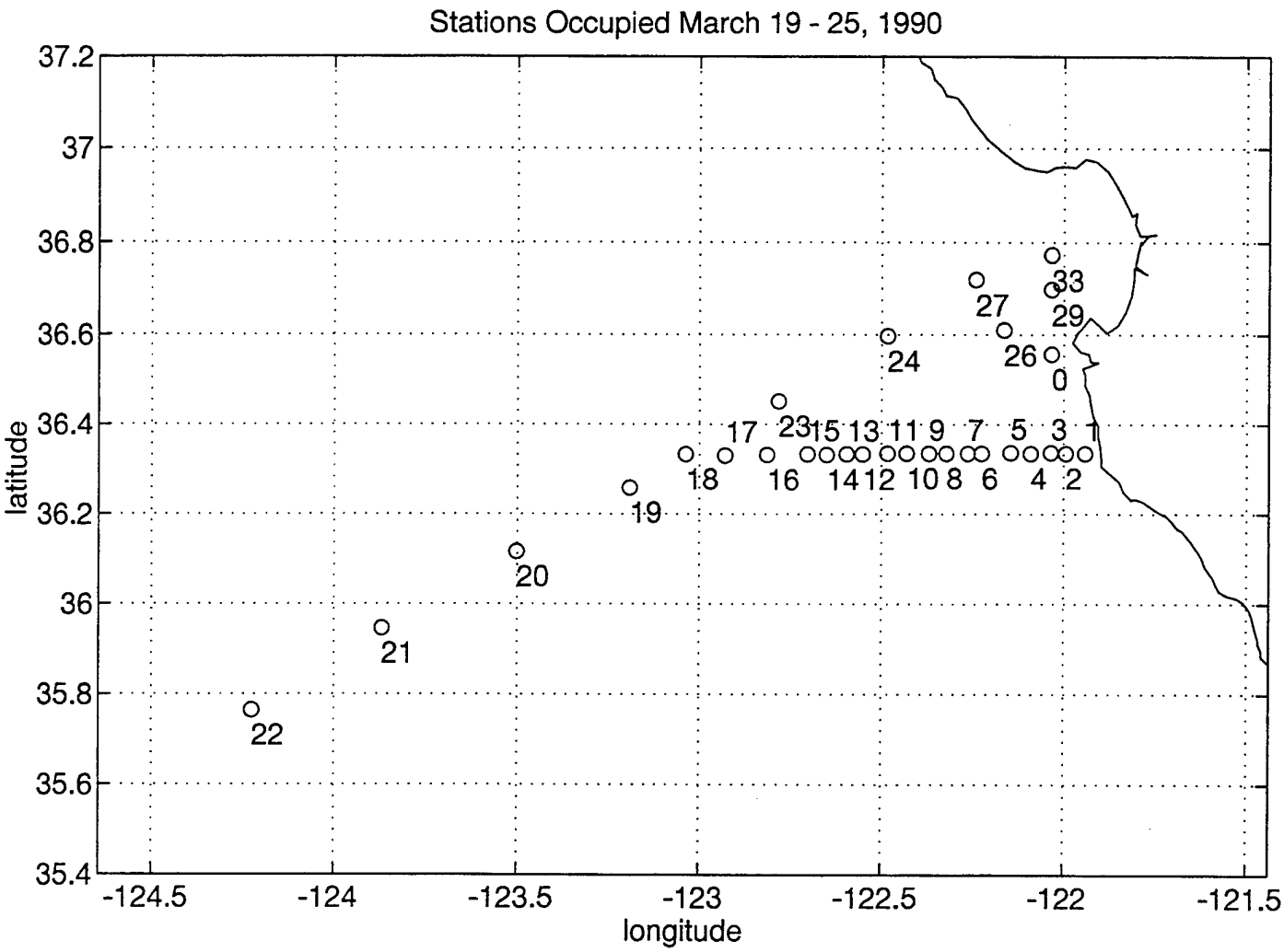

Stations Occupied November 15 - 22, 1989
37.2
37
36.8
36.6
36.4
36.2
36
35.8
35.6
latitude
-124.5
-124
-123.5
-123
-122.5
-122
-121.5
longitude
33
27
30
24
26
29
25
0
23
17
15
13
11
9
7
5
3
1
18
16
14
12
10
8
6
4
2
19
20
21
22

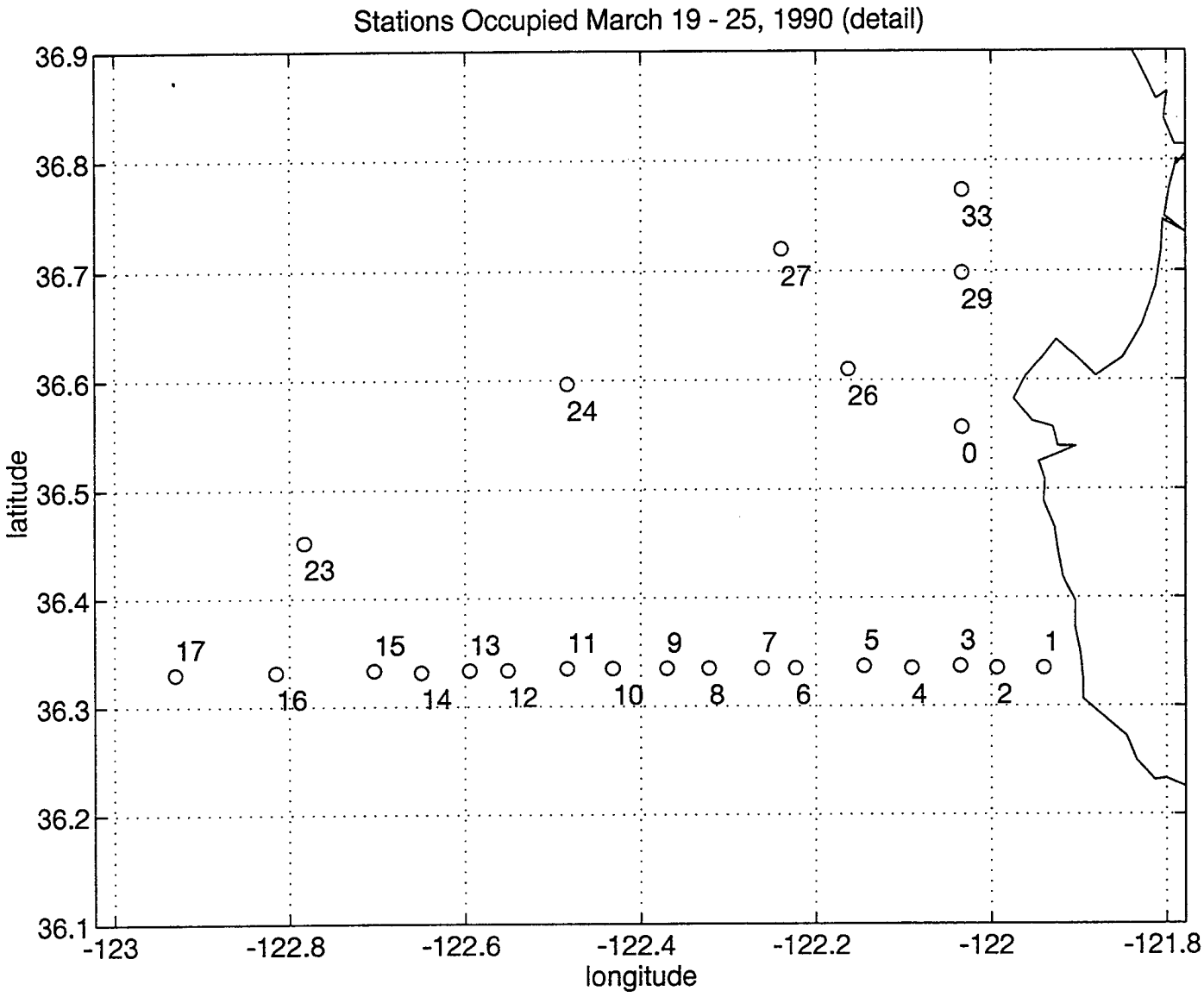

Stations Occupied November 15 - 22, 1989 (detail)
latitude
longitude
37.2
37.1
37
36.9
36.8
36.7
36.6
36.5
36.4
36.3
36.2
-123
-122.8
-122.6
-122.4
-122.2
-122
-121.8
-121.6
33
30
27
29
26
24
25
0
23
15
13
11
9
7
5
3
1
16
14
12
10
8
6
4
2

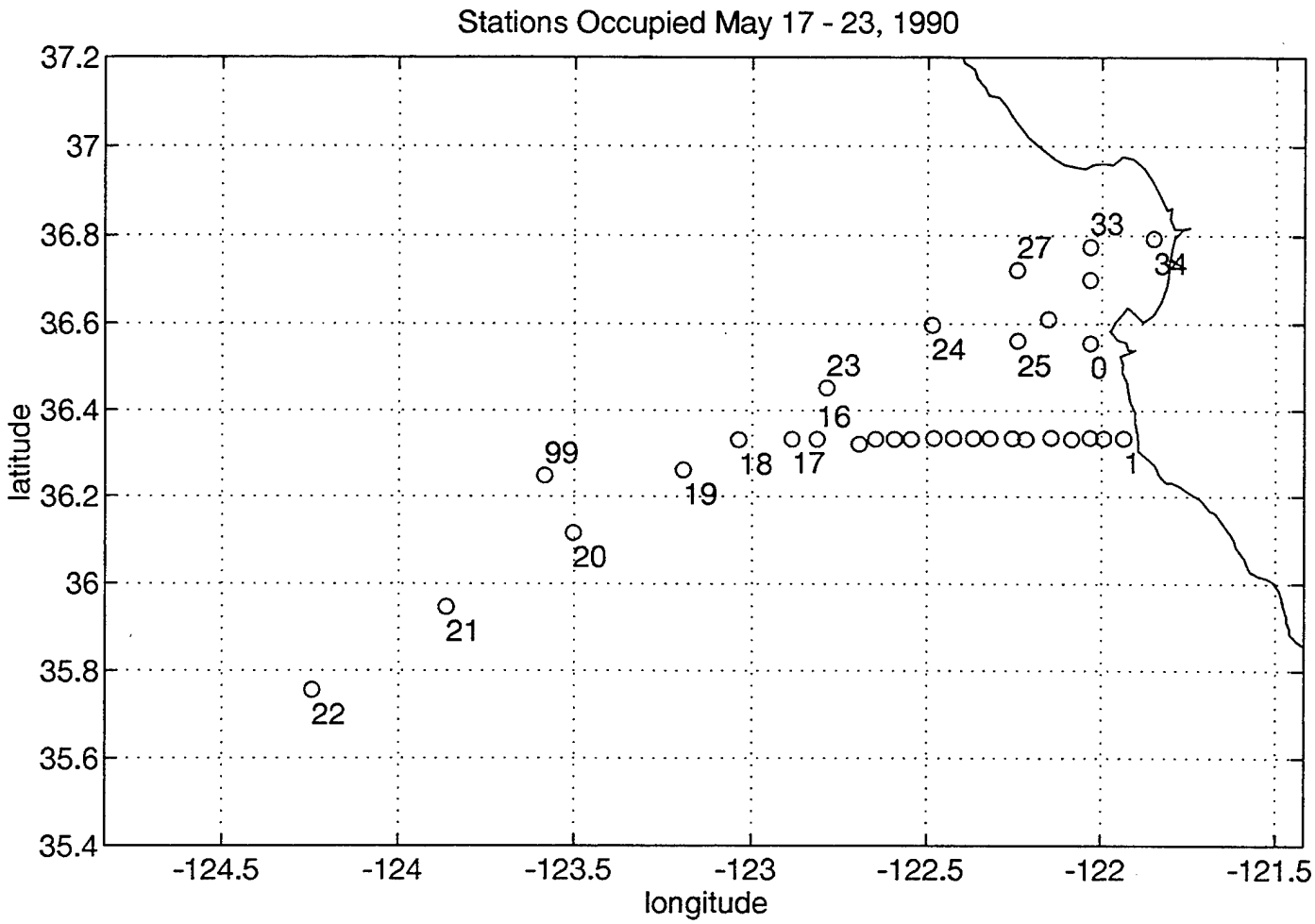

Stations Occupied January 17 - 24, 1990
latitude
longitude
37.2
37
36.8
36.6
36.4
36.2
36
35.8
35.6
-124.5
-124
-123.5
-123
-122.5
-122
-121.5
30
34
27
26
29
24
25
0
16
14
12
10
8
6
4
2
18
17
15
13
11
9
7
5
3
1
19
20
21
22

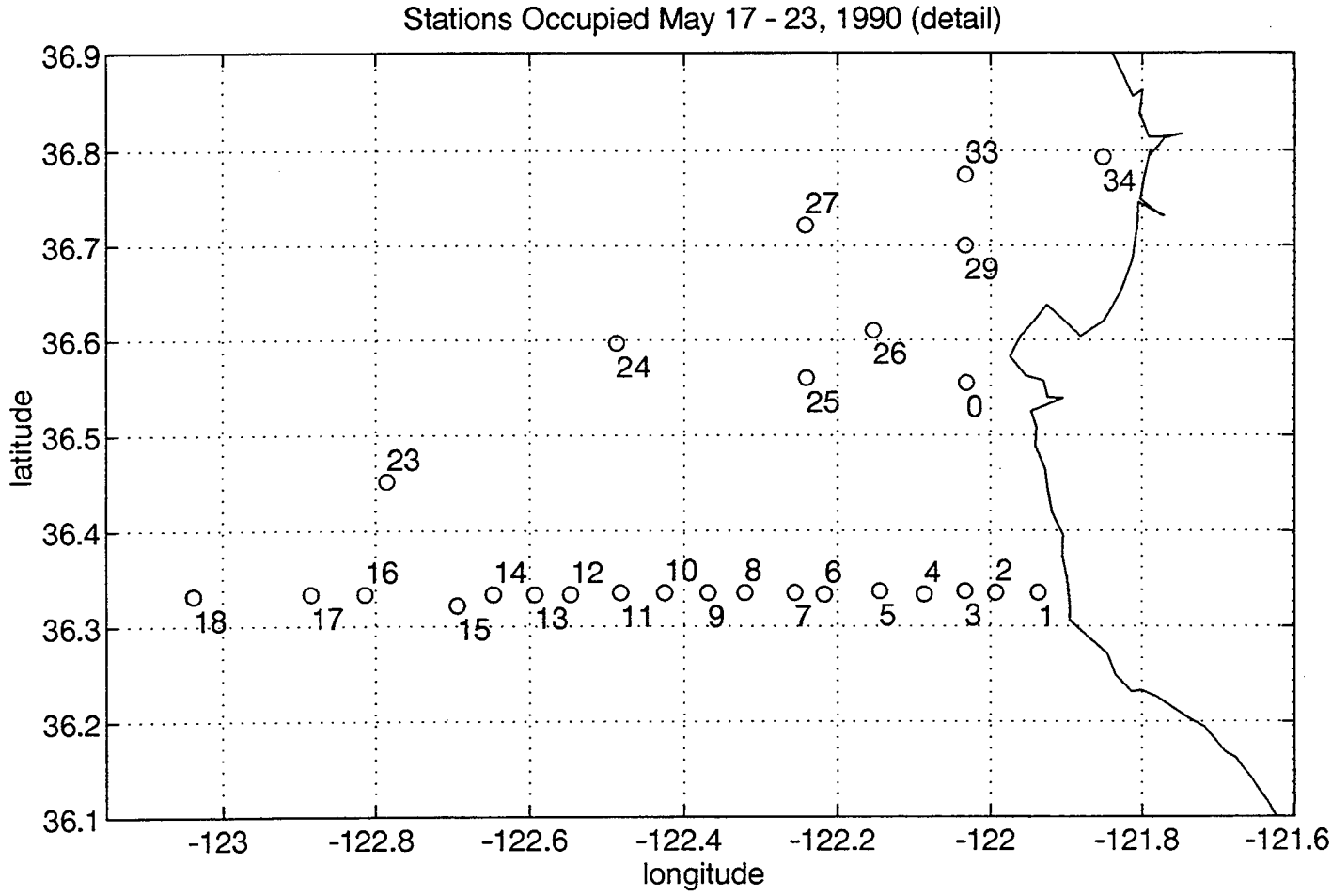
Stations Occupied January 17 - 24, 1990 (detail)

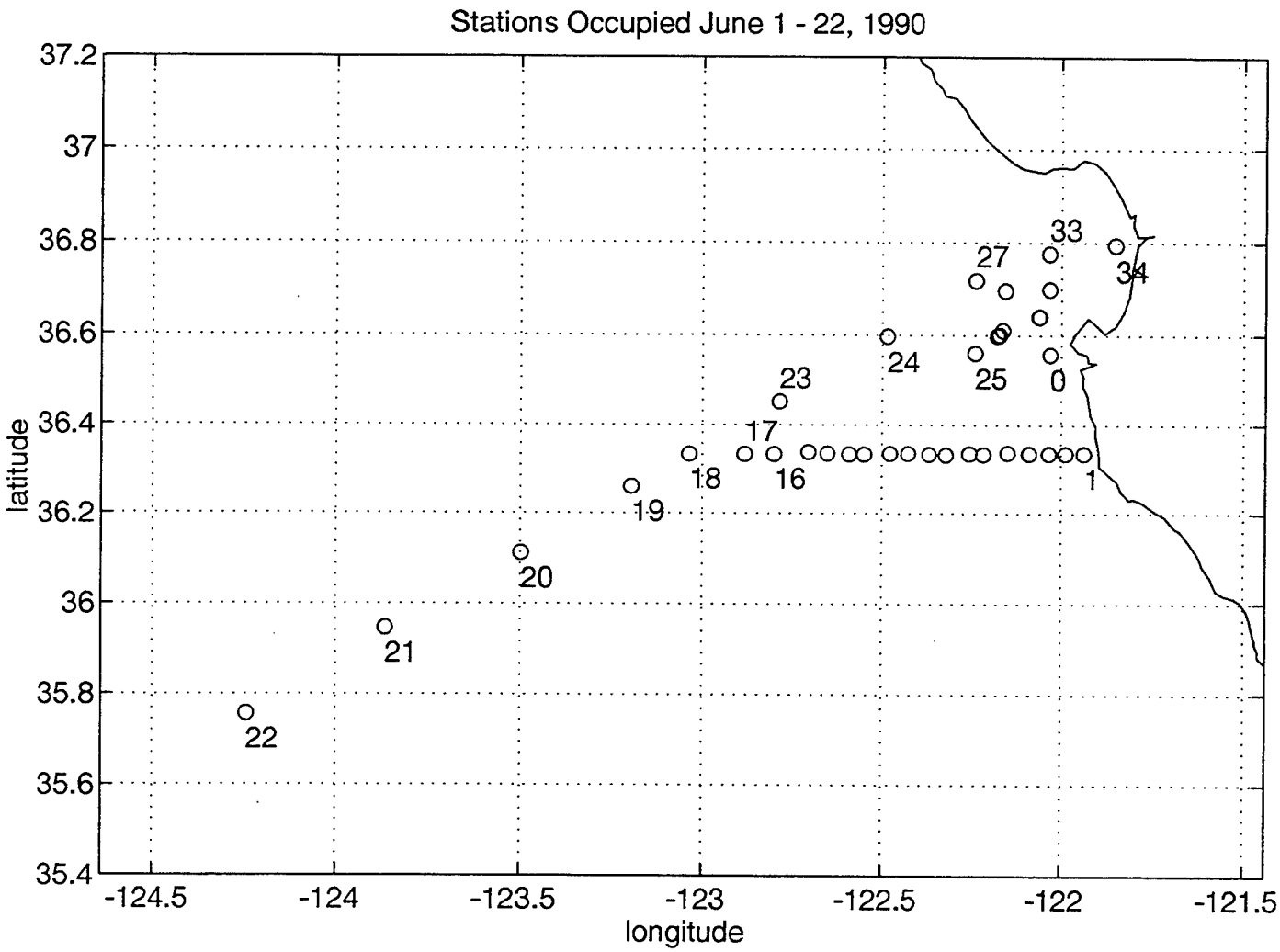



Stations Occupied March 19 - 25, 1990
37.2
37
36.8
36.6
36.4
36.2
36
35.8
35.6
35.4
latitude
-124.5
-124
-123.5
-123
-122.5
-122
-121.5
longitude
33
27
29
24
26
0
23
17
15
13
11
9
7
5
3
1
18
16
14
12
10
8
6
4
2
19
20
21
22

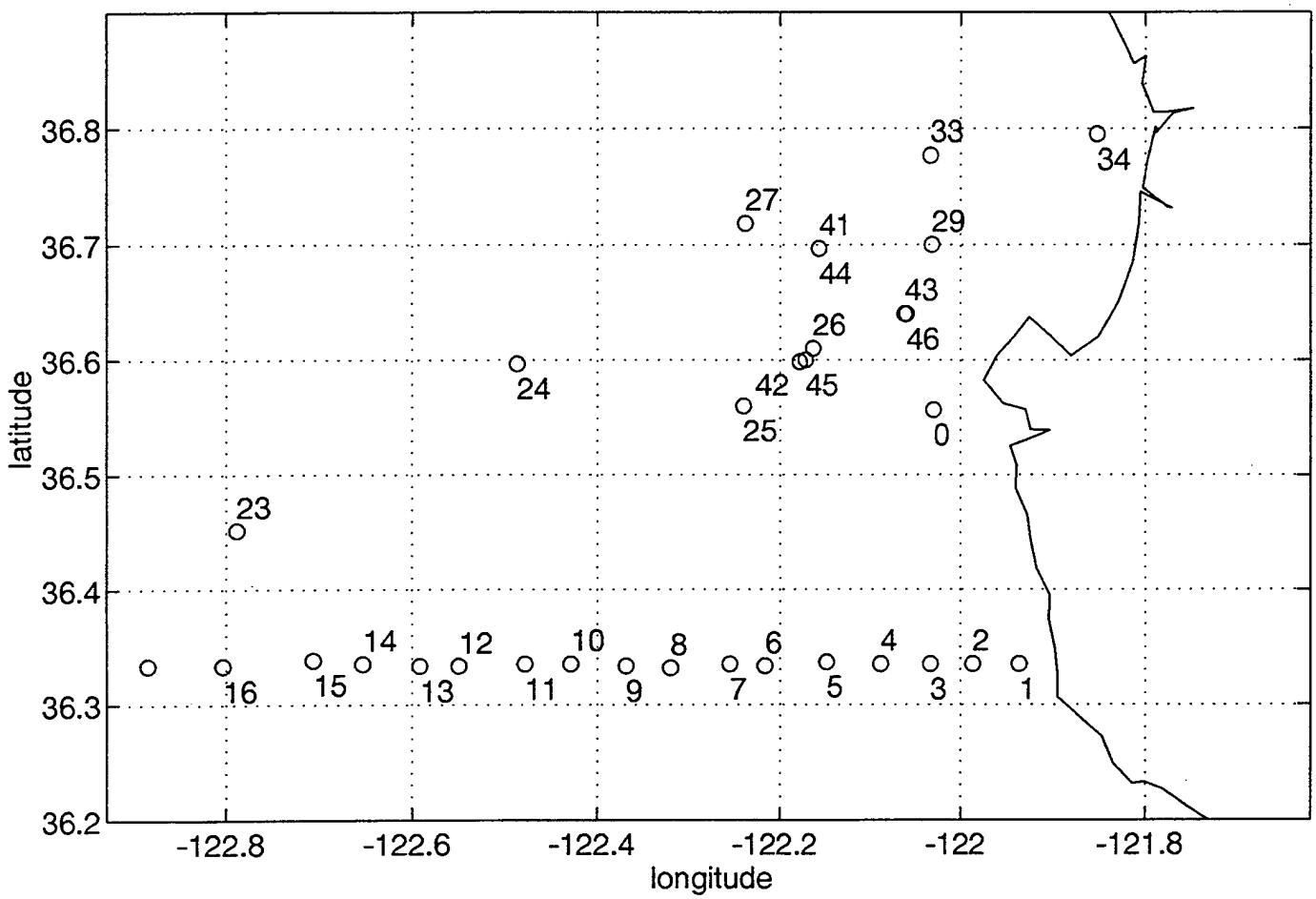

Stations Occupied March 19 - 25, 1990 (detail)
36.9
36.8
36.7
36.6
36.5
36.4
36.3
36.2
36.1
latitude
-123
-122.8
-122.6
-122.4
-122.2
-122
-121.8
longitude
33
27
29
26
24
0
23
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1

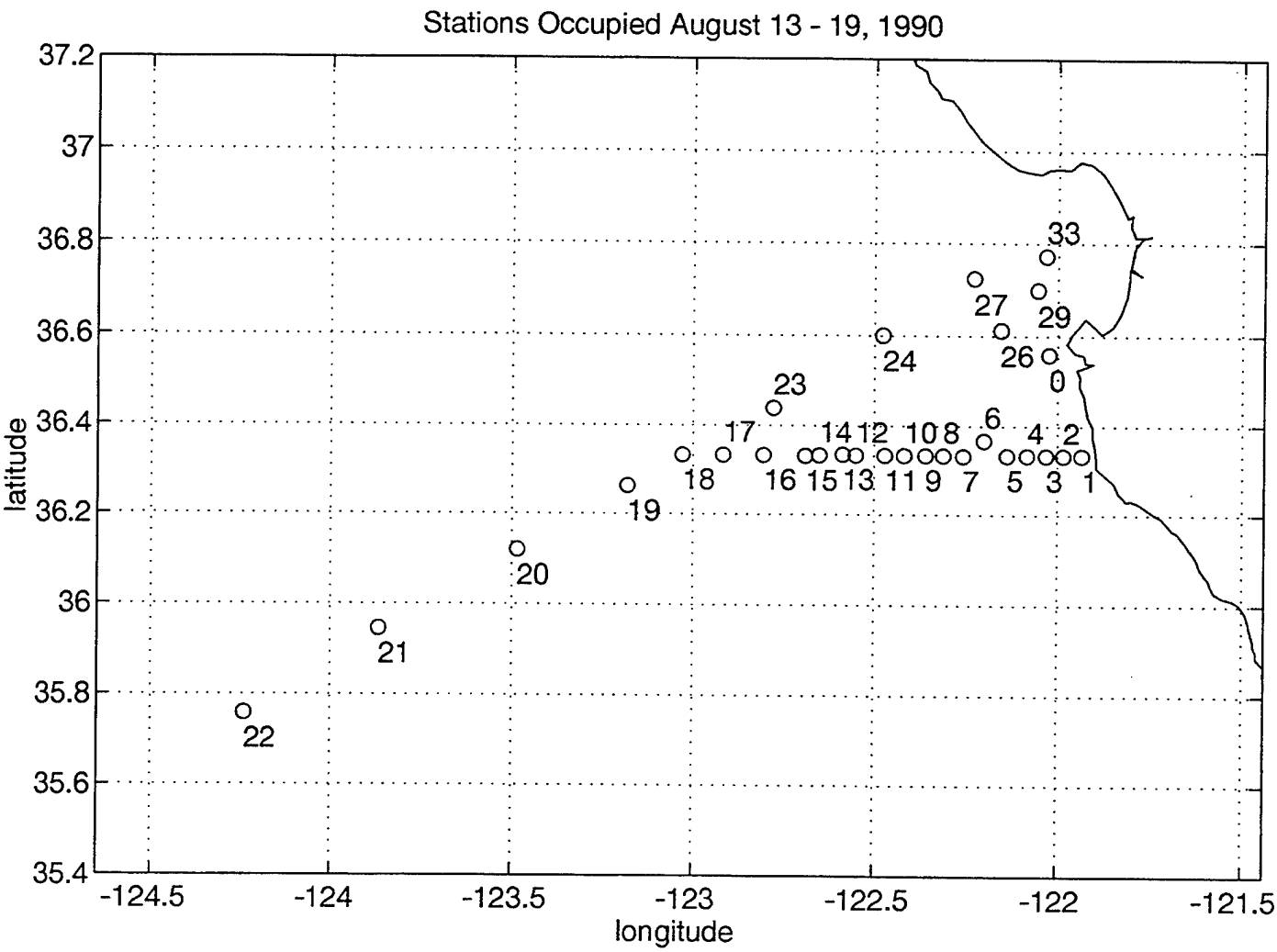

Stations Occupied May 17 - 23, 1990
37.2
37
36.8
36.6
36.4
36.2
36
35.8
35.6
35.4
latitude
-124.5
-124
-123.5
-123
-122.5
-122
-121.5
longitude
33
27
34
24
25
0
23
16
99
18
17
1
19
20
21
22

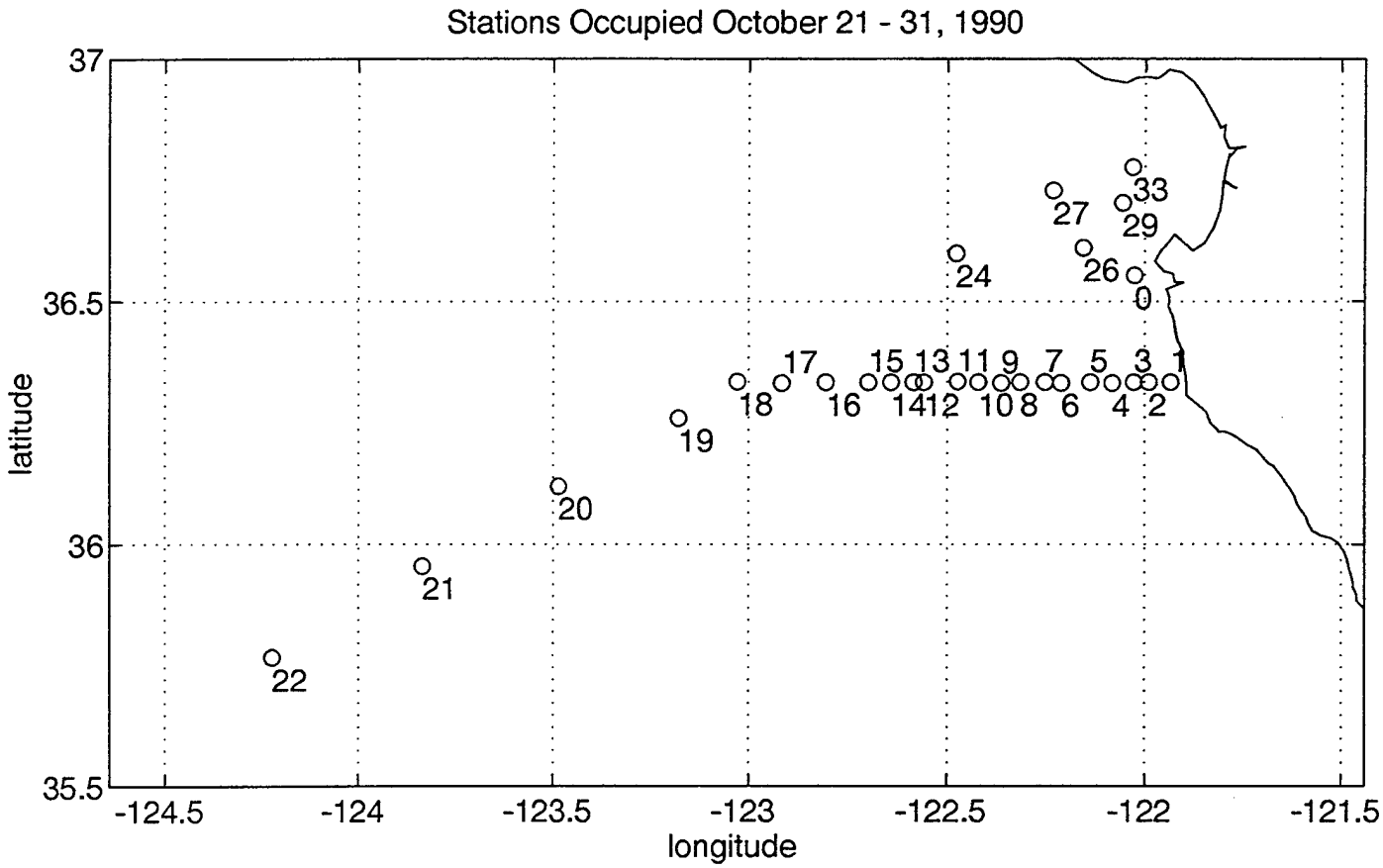

Stations Occupied May 17 - 23, 1990 (detail)
36.9
36.8
36.7
36.6
36.5
36.4
36.3
36.2
36.1
latitude
-123
-122.8
-122.6
-122.4
-122.2
-122
-121.8
-121.6
longitude
33
34
27
29
24
26
25
0
23
16
14
12
10
8
6
4
2
18
17
15
13
11
9
7
5
3
1

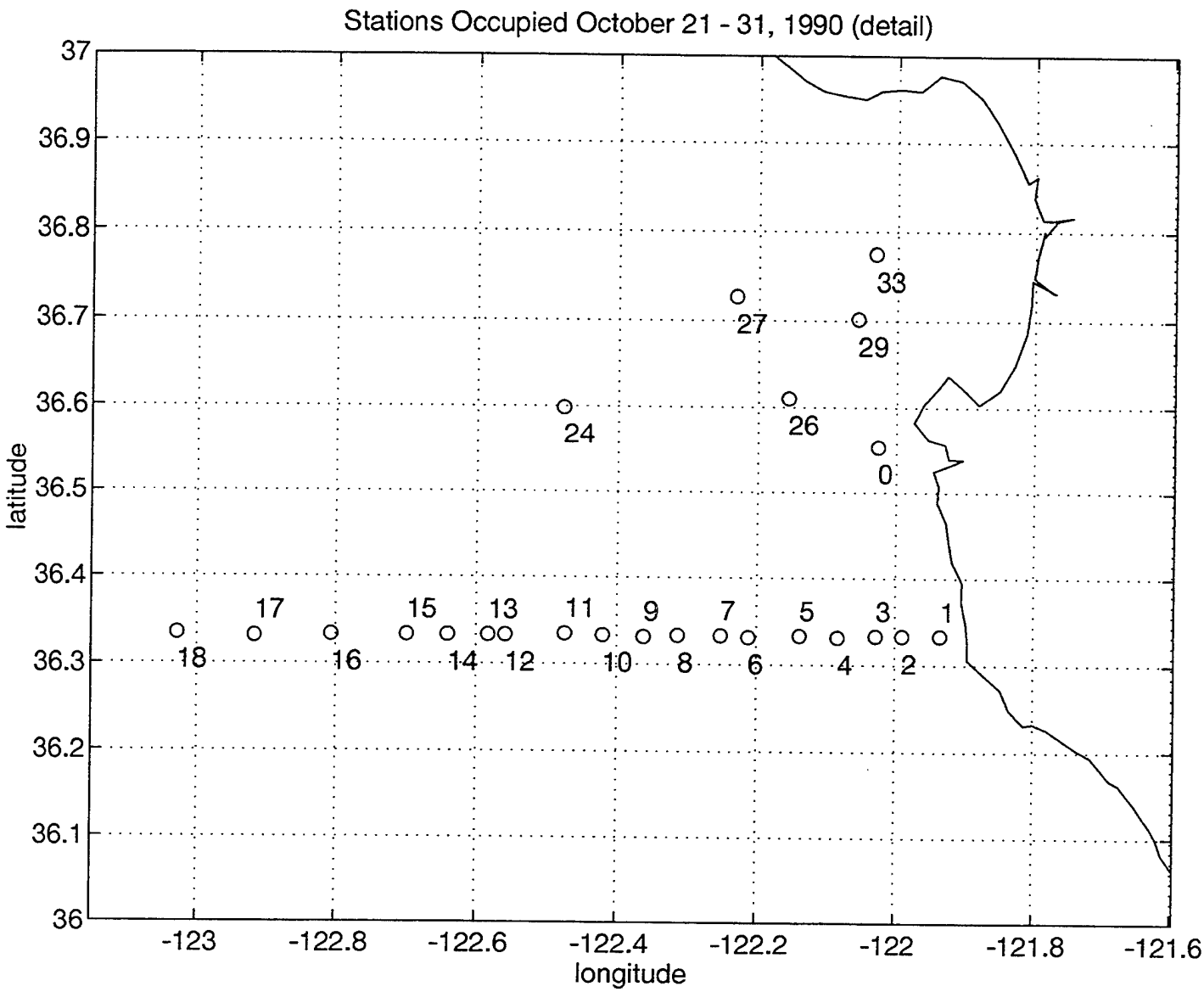

Stations Occupied June 1 - 22, 1990
37.2
37
36.8
36.6
36.4
36.2
36
35.8
35.6
35.4
latitude
-124.5
-124
-123.5
-123
-122.5
-122
-121.5
longitude
33
27
34
24
25
0
23
17
18
16
1
19
20
21
22

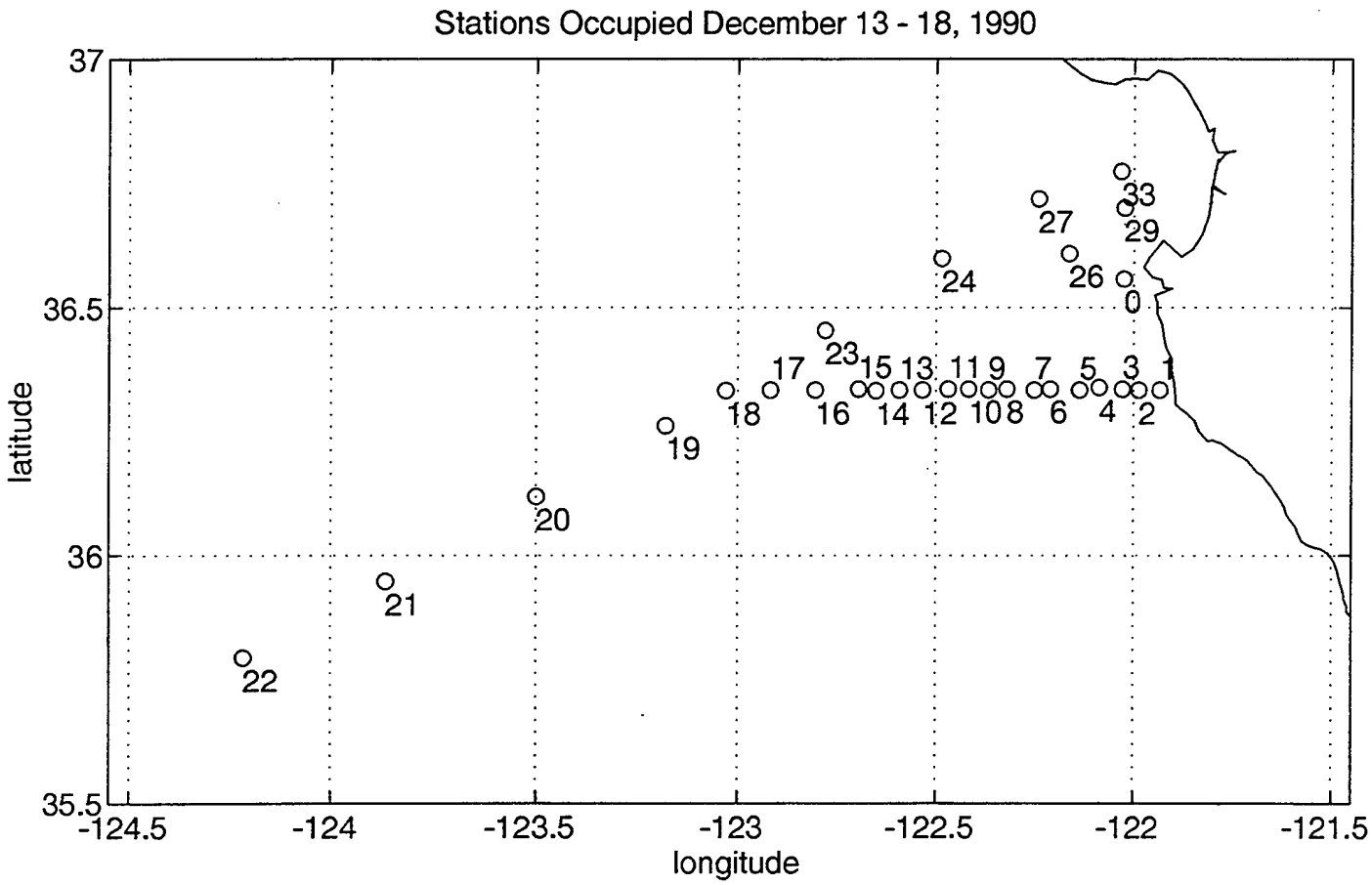
Stations Occupied June 1 - 22, 1990 (detail)



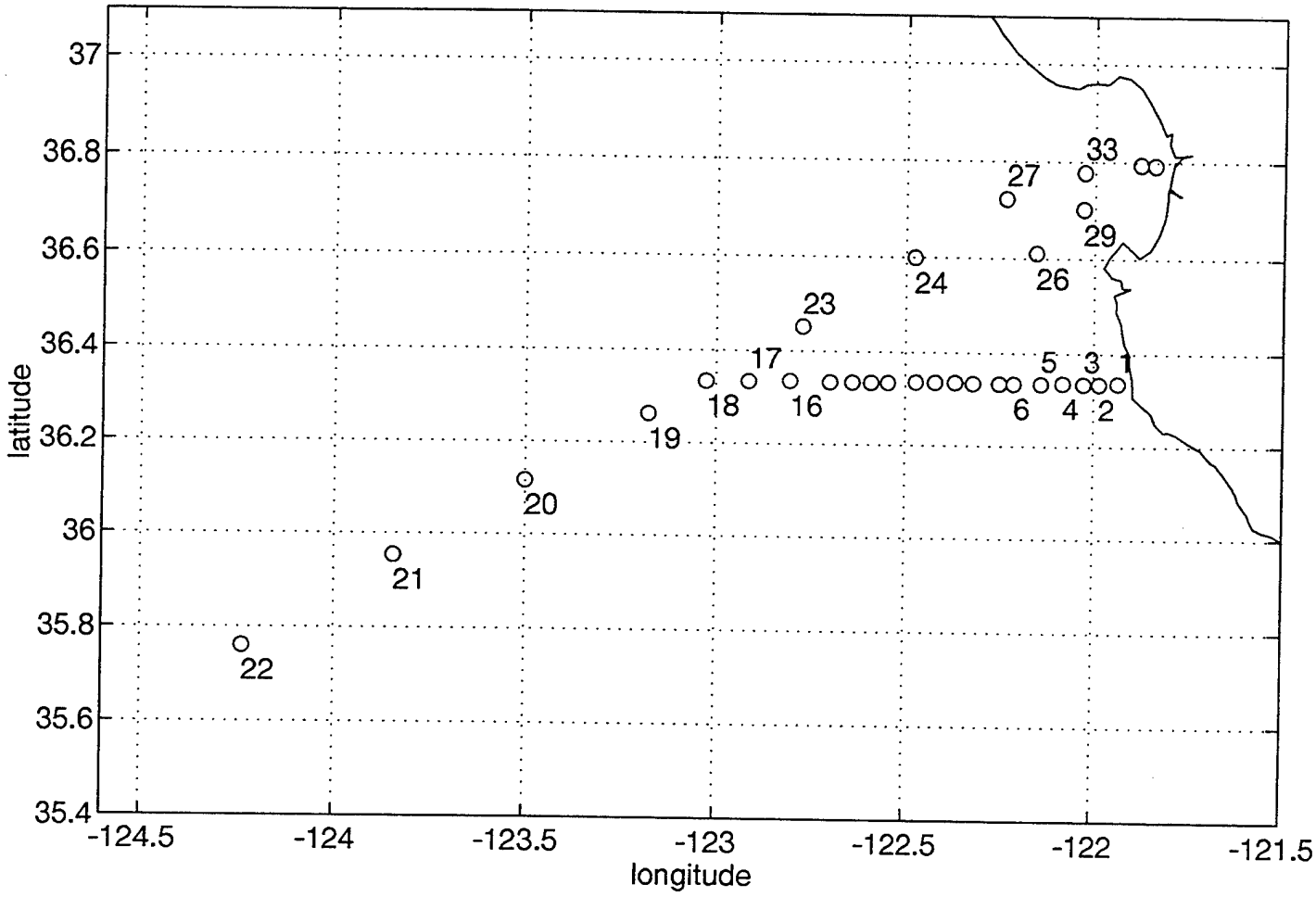

Stations Occupied August 13 - 19, 1990
37.2
37
36.8
36.6
36.4
36.2
36
35.8
35.6
35.4
latitude
-124.5
-124
-123.5
-123
-122.5
-122
-121.5
longitude
33
27
29
24
26
0
23
6
17
14 12 10 8
4 2
18
16 15 13 11 9 7 5 3 1
19
20
21
22

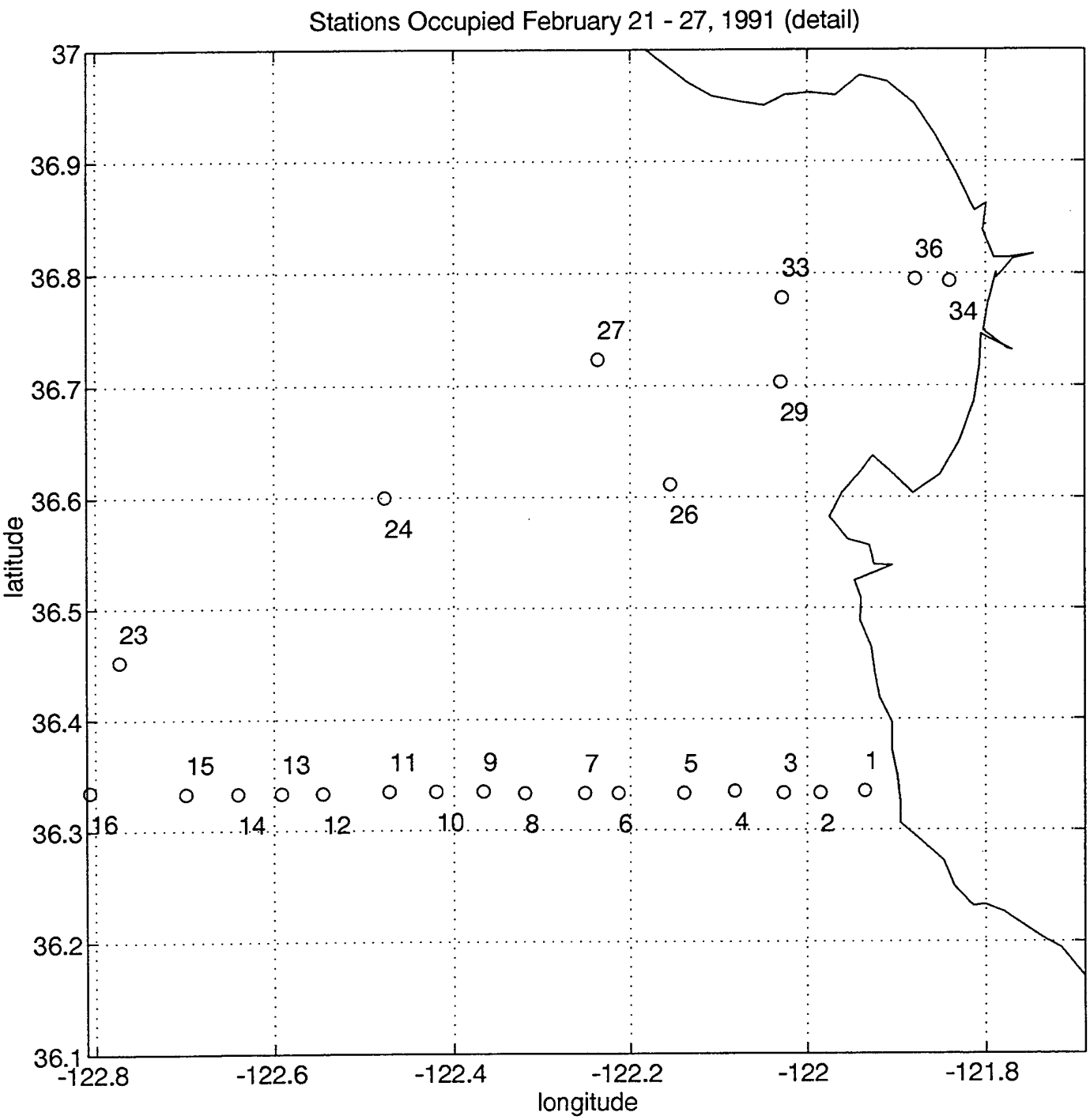

Stations Occupied October 21 - 31, 1990
37
36.5
36
35.5
latitude
-124.5
-124
-123.5
-123
-122.5
-122
-121.5
longitude
33
27
29
24
26
0
17
15
13
11
9
7
5
3
1
18
16
14
12
10
8
6
4
2
19
20
21
22

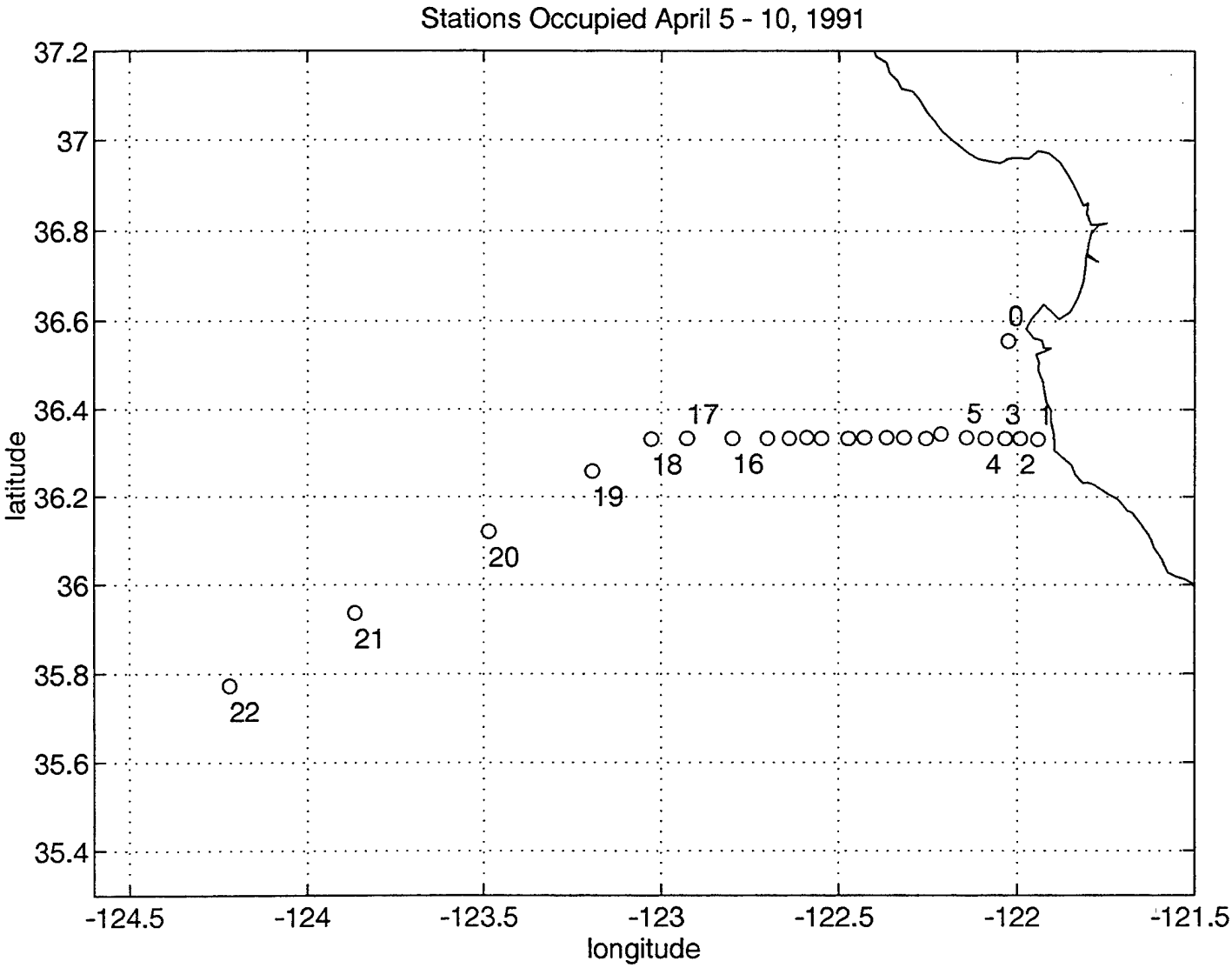

Stations Occupied October 21 - 31, 1990 (detail)
latitude
longitude
37
36.9
36.8
36.7
36.6
36.5
36.4
36.3
36.2
36.1
36
-123
-122.8
-122.6
-122.4
-122.2
-122
-121.8
-121.6
33
27
29
24
26
0
17
15
13
11
9
7
5
3
1
18
16
14
12
10
8
6
4
2

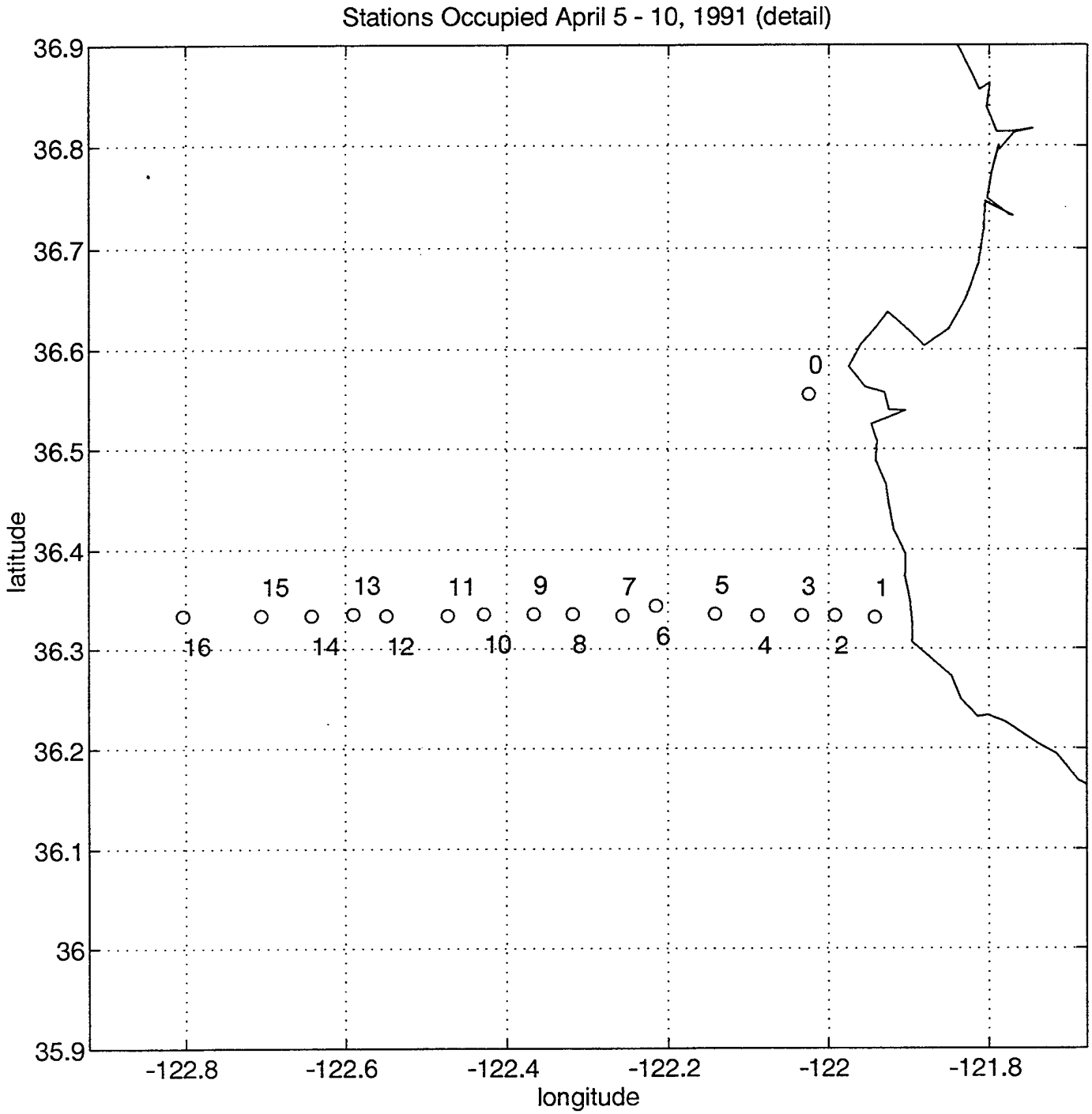

Stations Occupied December 13 - 18, 1990
37
36.5
36
35.5
latitude
-124.5
-124
-123.5
-123
-122.5
-122
-121.5
longitude
33
27
29
24
26
0
23
17
15
13
11
9
7
5
3
1
18
16
14
12
10
8
6
4
2
19
20
21
22

Stations Occupied February 21 - 27, 1991




Stations Occupied February 21 - 27, 1991 (detail)
37
36.9
36.8
36.7
36.6
36.5
36.4
36.3
36.2
36.1
latitude
-122.8
-122.6
-122.4
-122.2
-122
-121.8
longitude
36
33
34
27
29
26
24
23
15
13
11
9
7
5
3
1
16
14
12
10
8
6
4
2


Stations Occupied April 5 - 10, 1991
37.2
37
36.8
36.6
36.4
36.2
36
35.8
35.6
35.4
latitude
-124.5
-124
-123.5
-123
-122.5
-122
-121.5
longitude
0
17
5
3
1
18
16
4
2
19
20
21
22


Stations Occupied April 5 - 10, 1991 (detail)
36.9
36.8
36.7
36.6
36.5
36.4
36.3
36.2
36.1
36
35.9
latitude
-122.8
-122.6
-122.4
-122.2
-122
-121.8
longitude
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

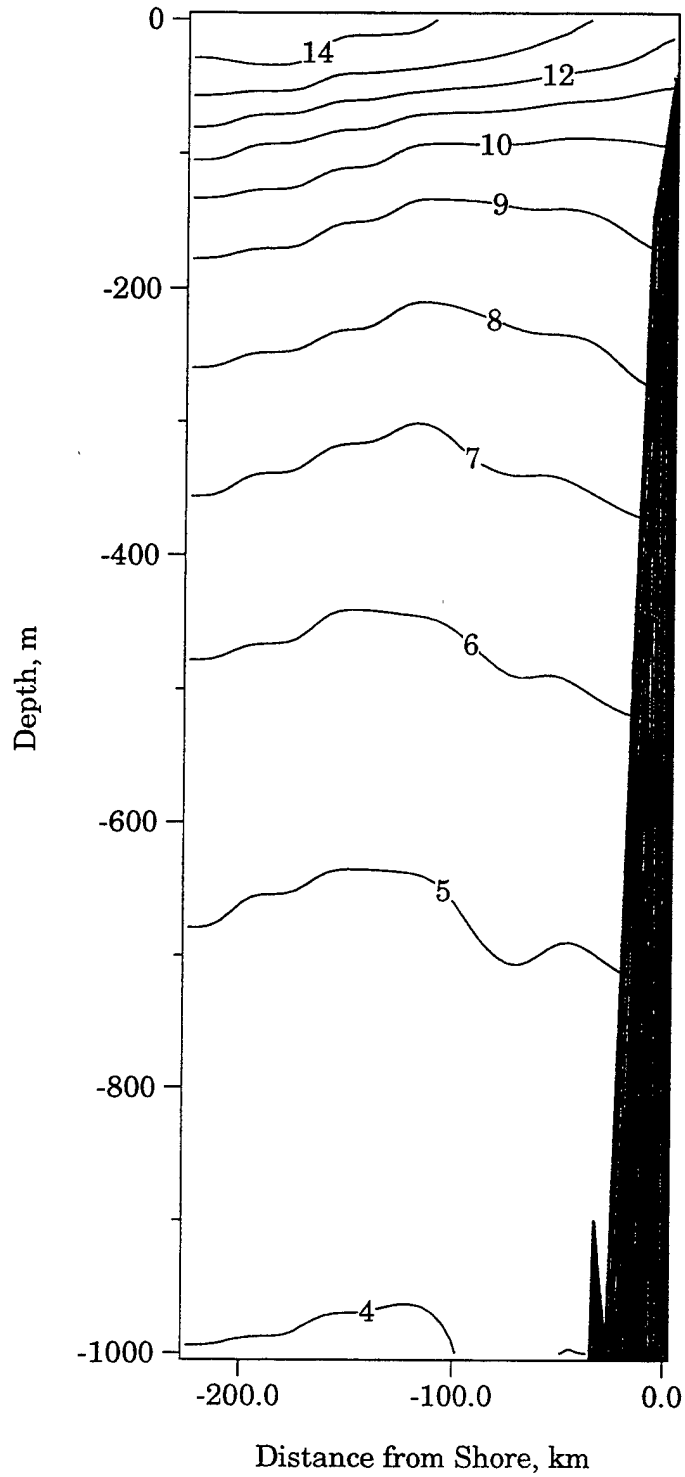
(This page left blank intentionally.)

8.0.2 Mean Fields for the CUC Hydrographic Transection

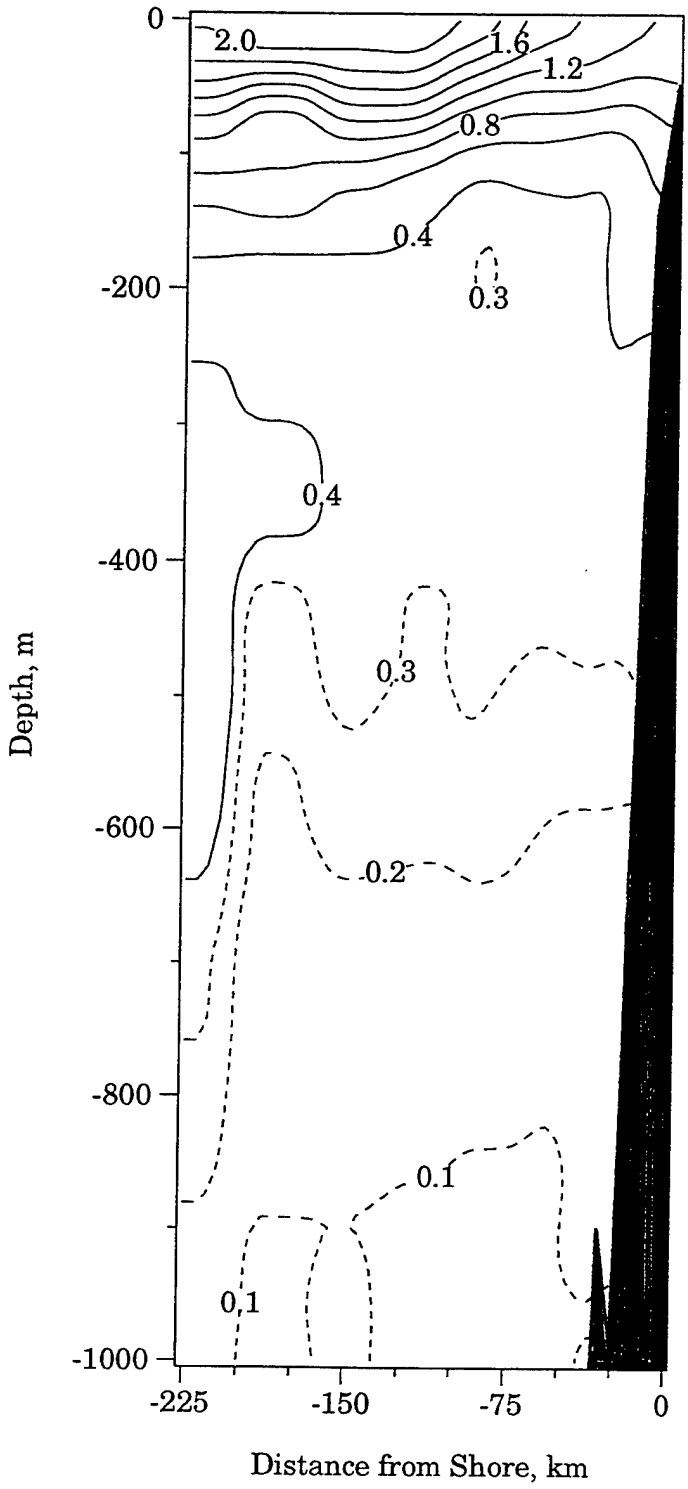
Cruise	Page
Mean Potential Temperature	45
Standard Deviation of Mean Potential Temperature ...	46
Mean Salinity	47
Standard Deviation of Mean Salinity	48
Mean Potential Density	49
Standard Deviation of Mean Potential Density	50
Mean Spiciness	51
Standard Deviation of Mean Spiciness	52
Mean Potential Temperature/Salinity Plot	53
Mean Potential Density/Spiciness Plot	54

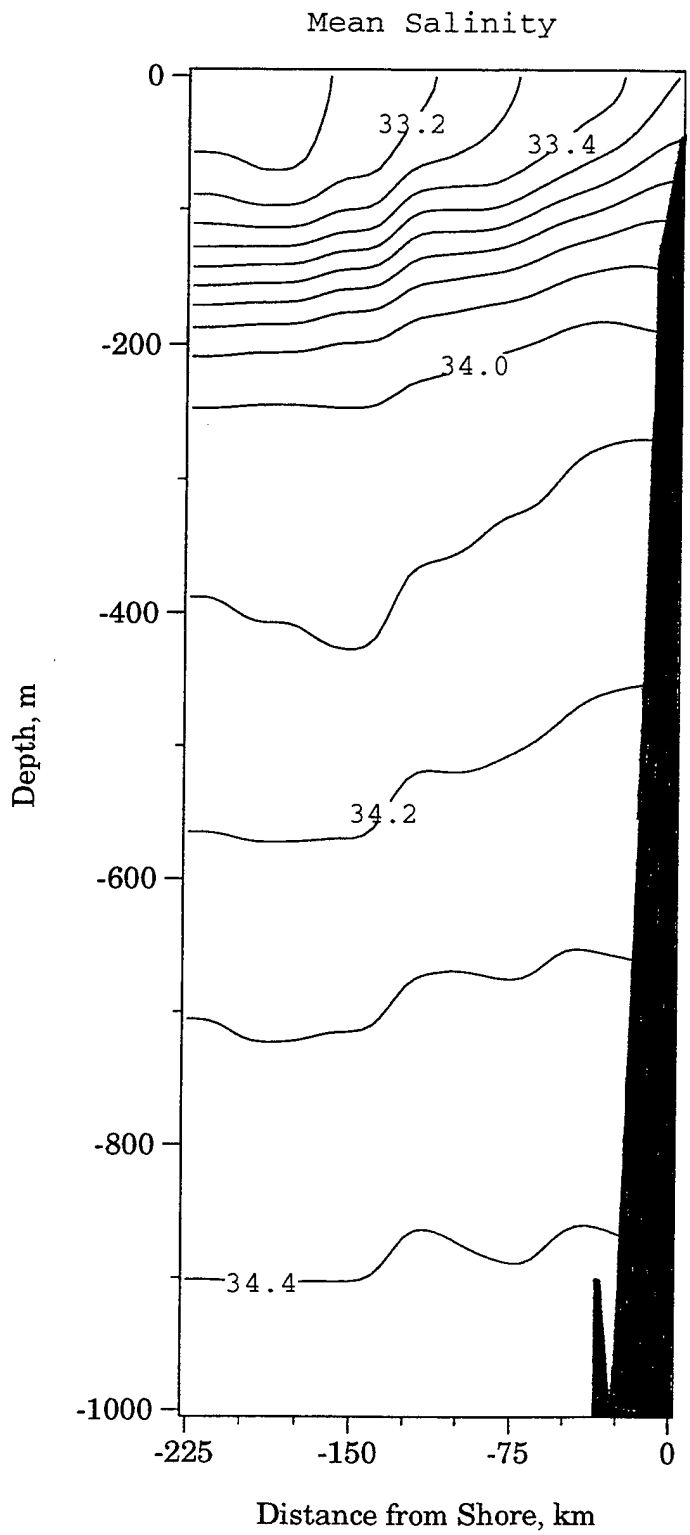
(This page left blank intentionally.)

Mean
Potential Temperature

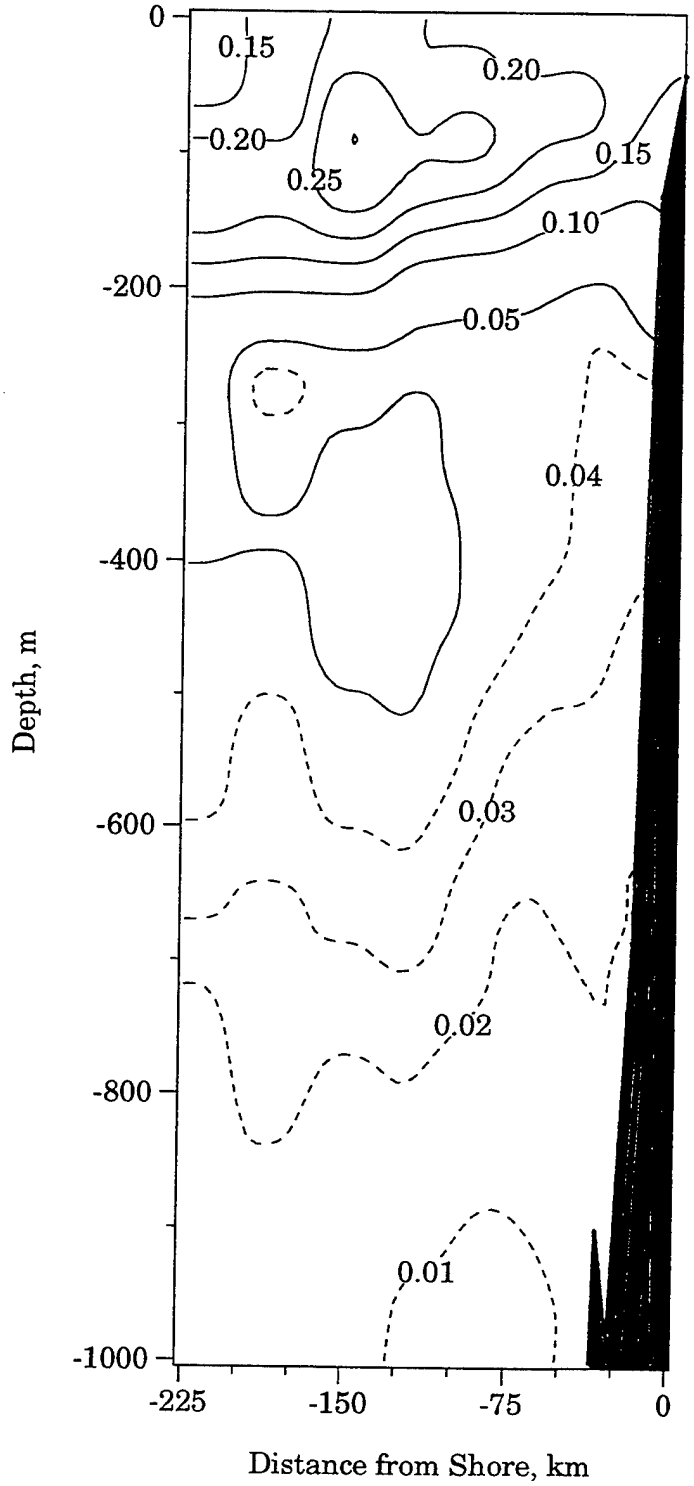


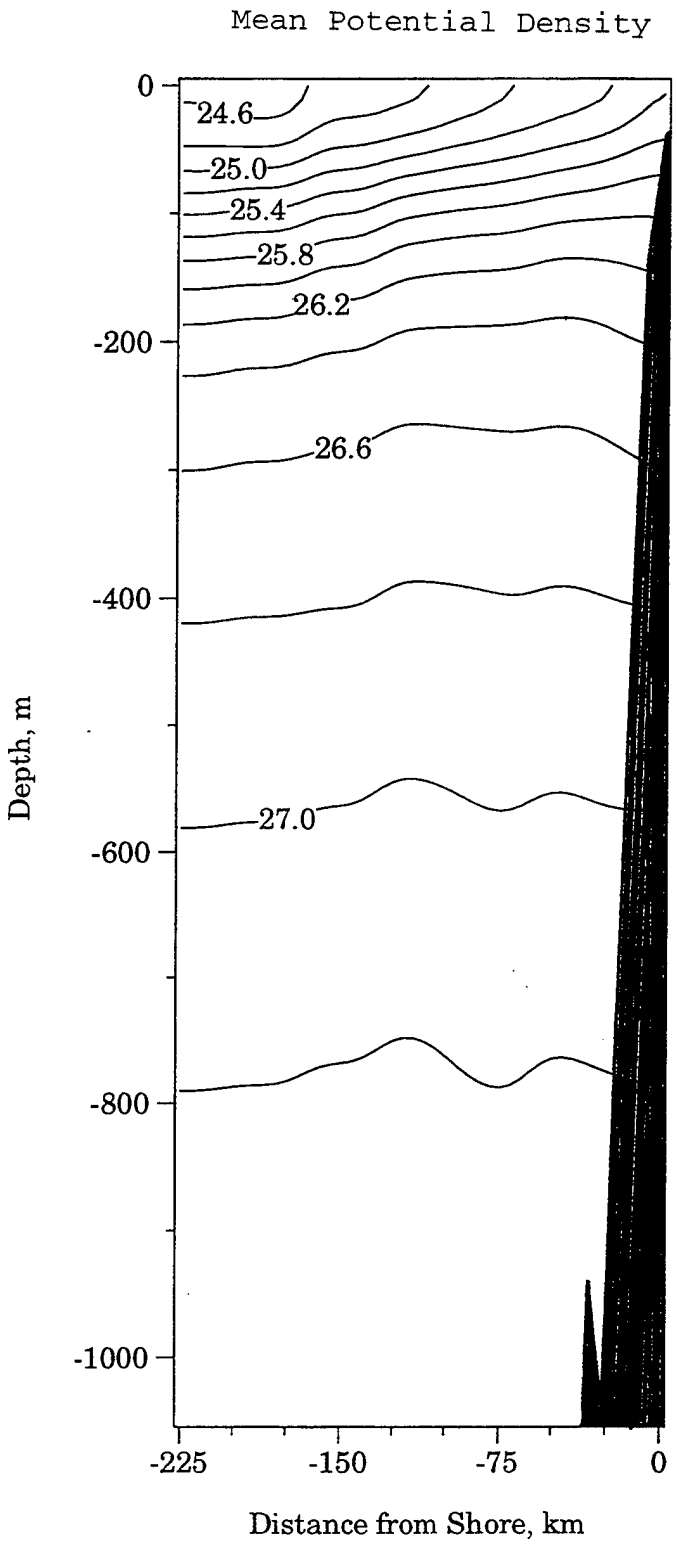
Standard Deviation,
Potential Temperature

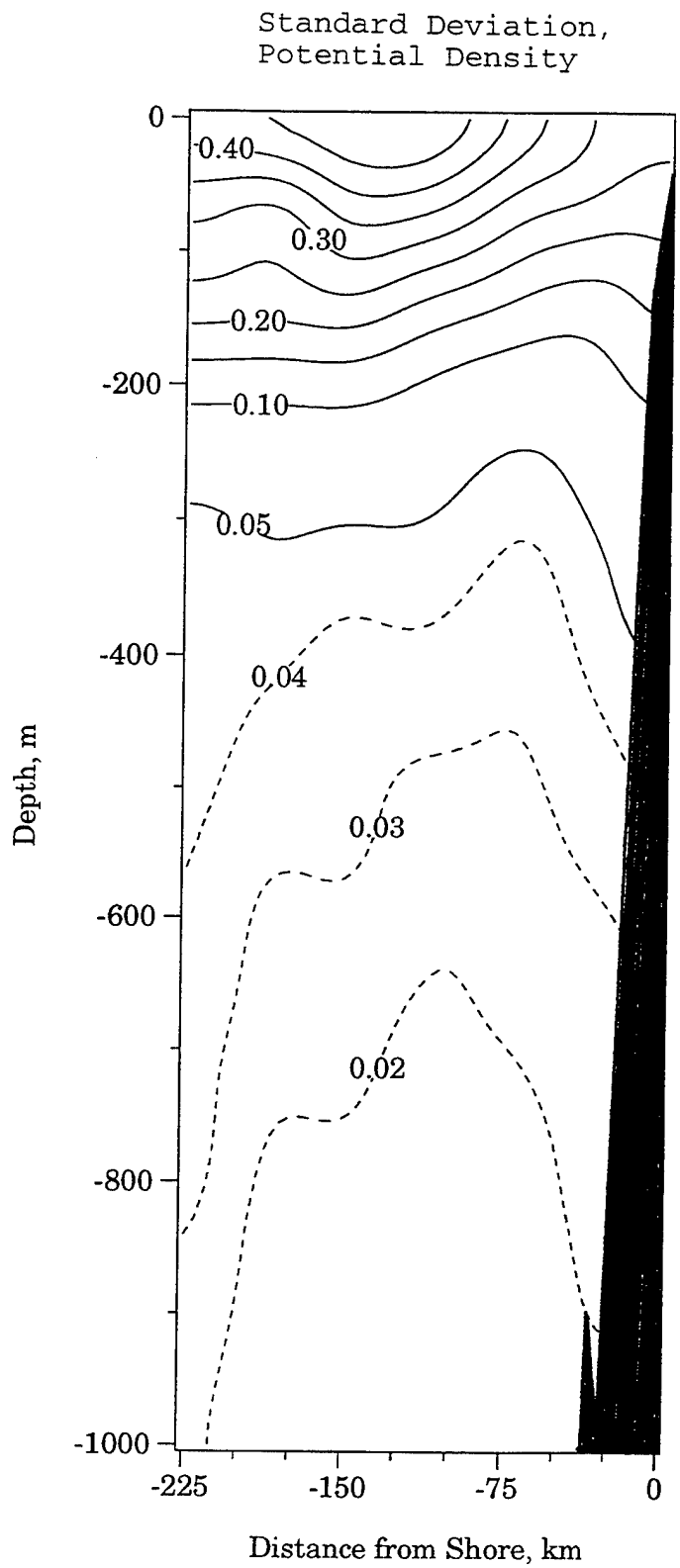


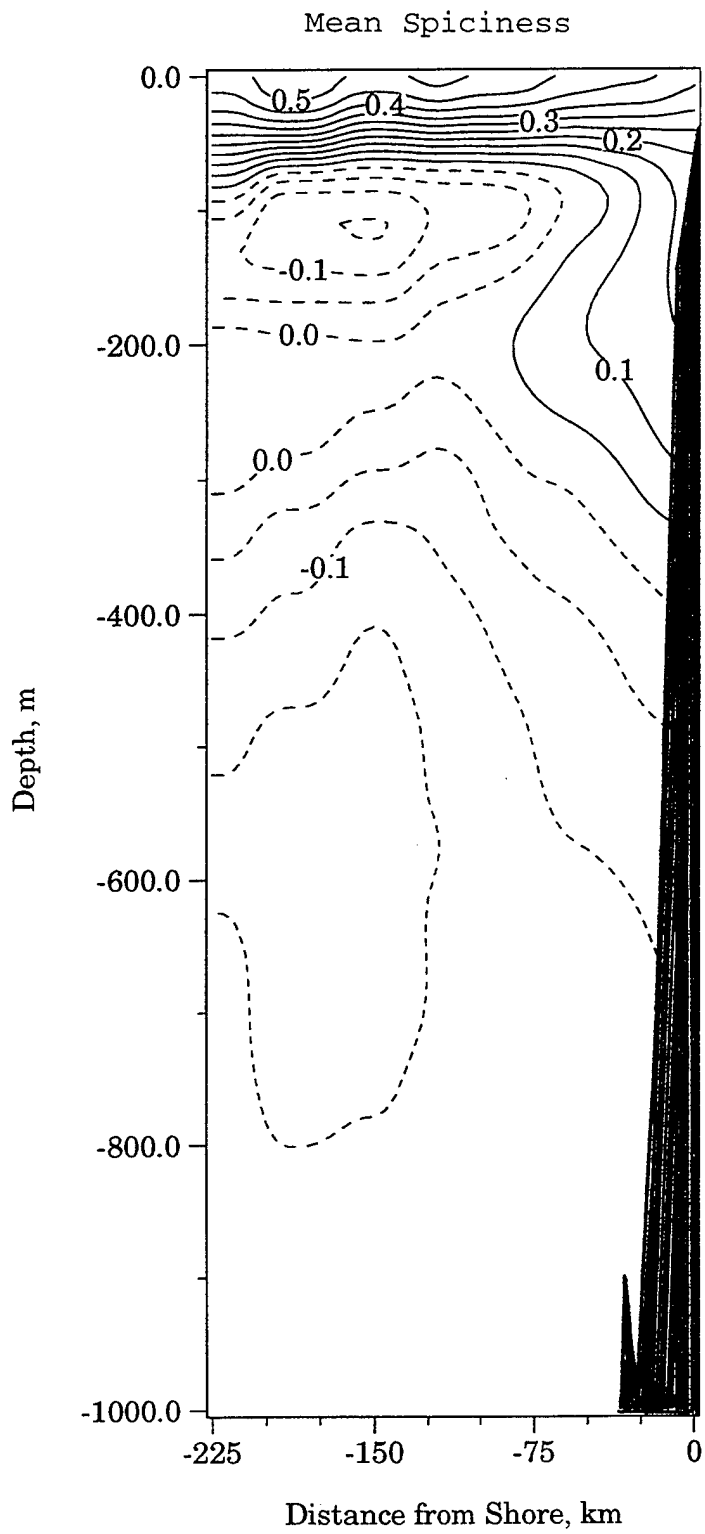

Mean Salinity
0
-200
-400
-600
-800
-1000
Depth, m
33.2
33.4
34.0
34.2
34.4
-225
-150
-75
0
Distance from Shore, km

Standard Deviation,
Salinity

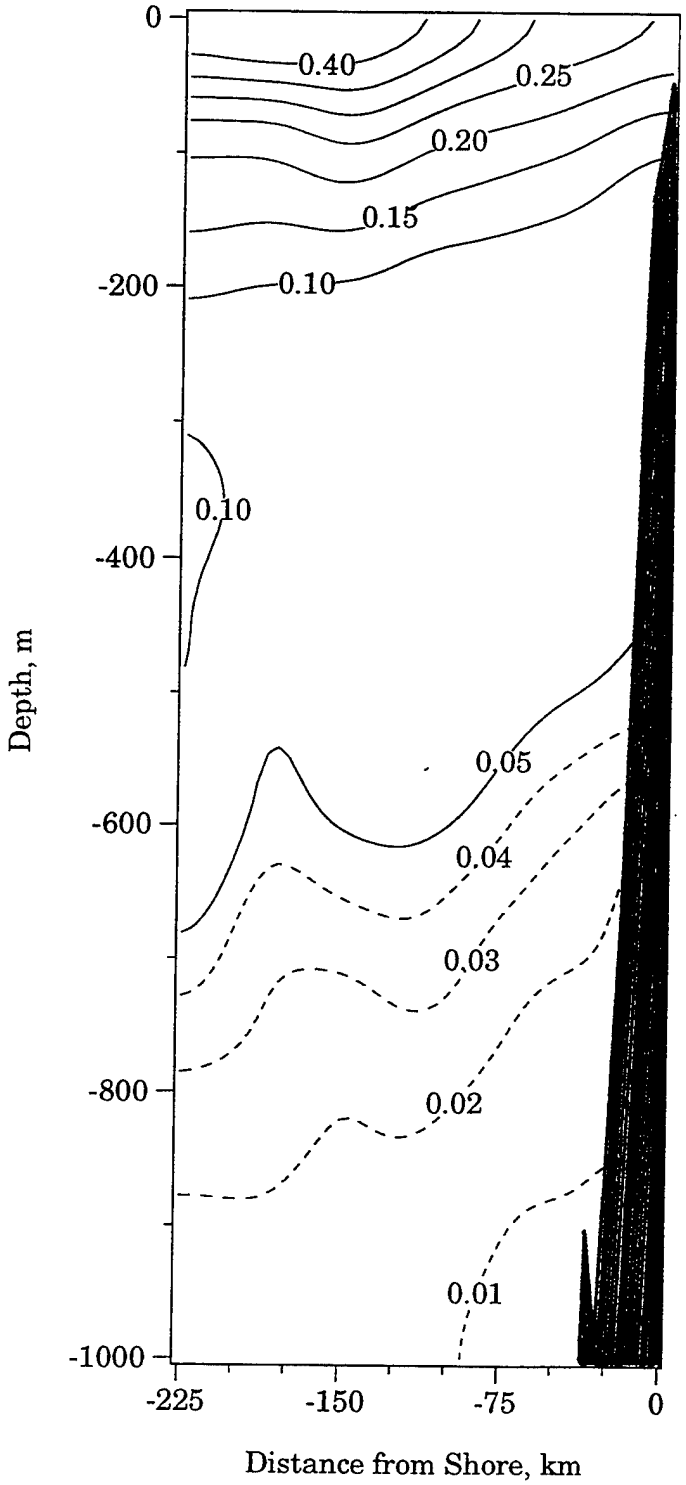


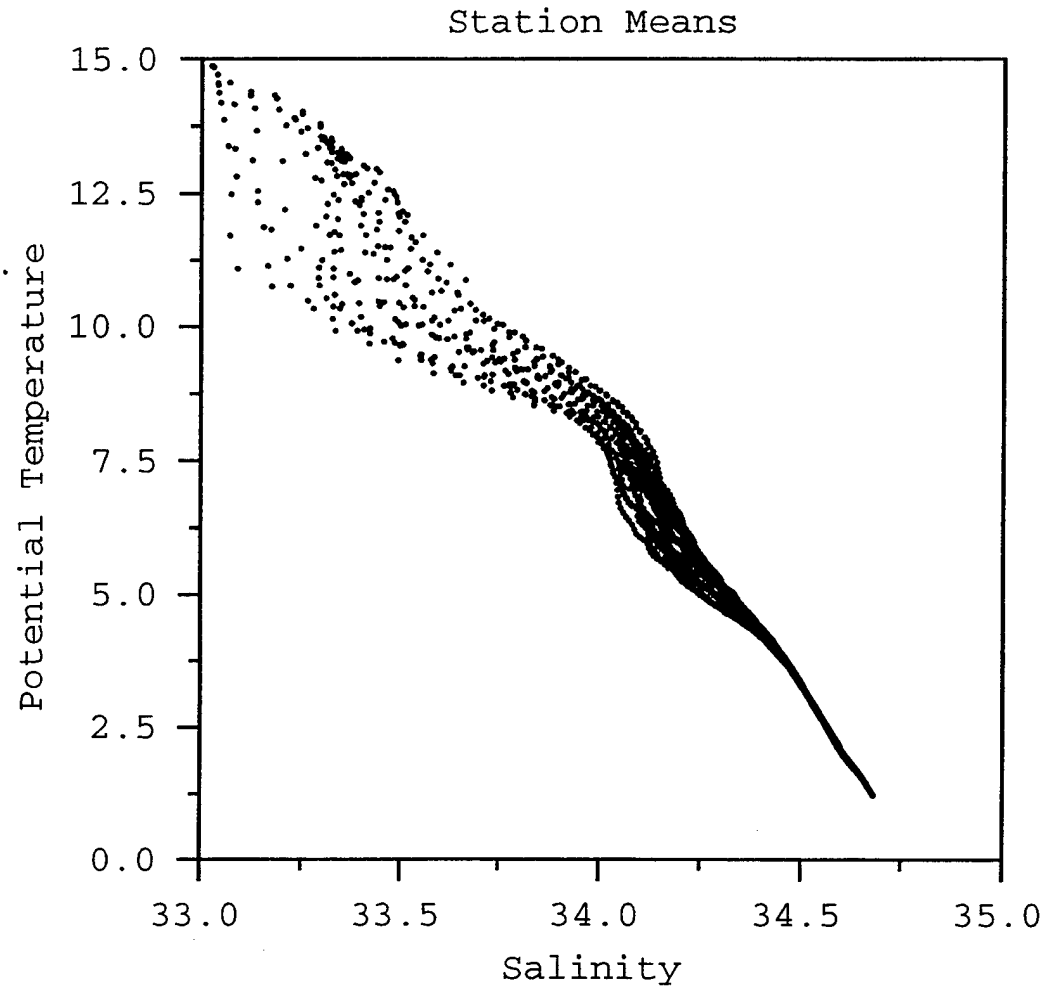

Mean Potential Density
0
-200
-400
-600
-800
-1000
Depth, m
24.6
25.0
25.4
25.8
26.2
26.6
27.0
-225
-150
-75
0
Distance from Shore, km

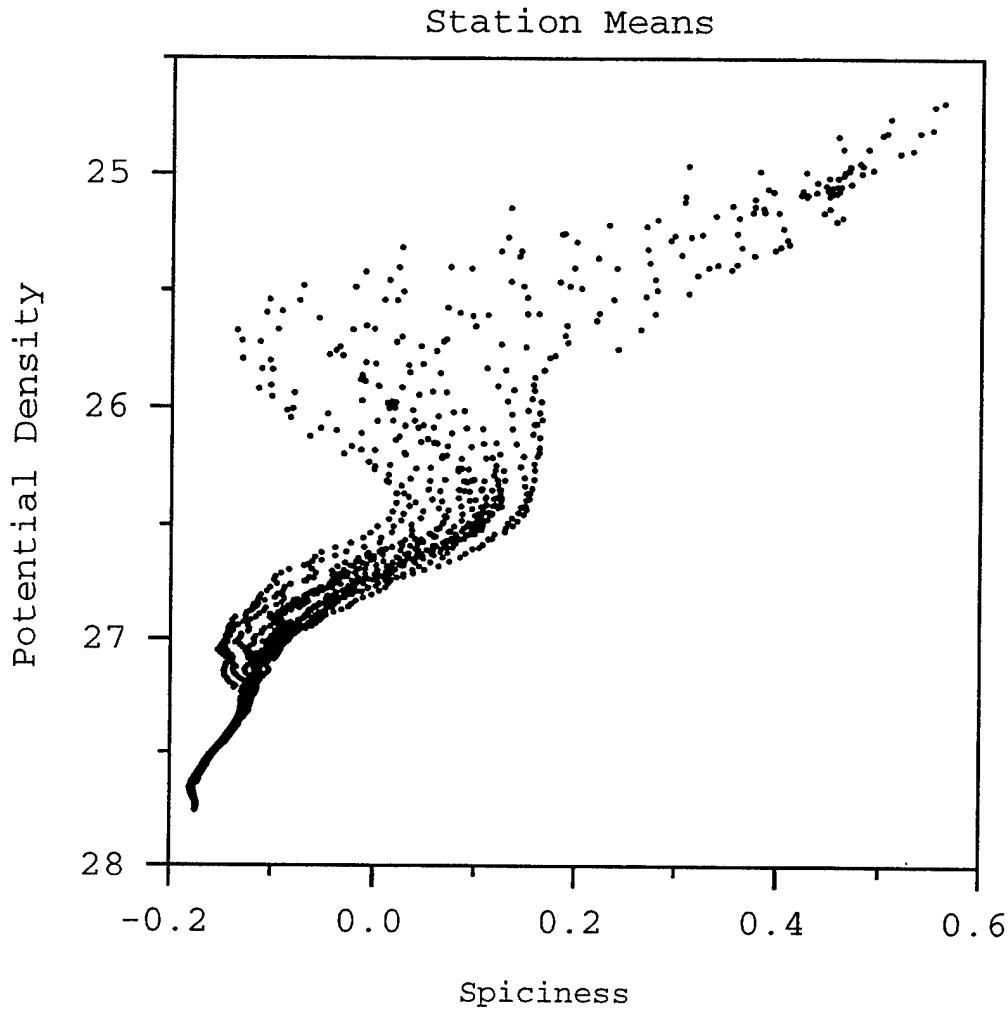

Standard Deviation,
Potential Density
0
-200
-400
-600
-800
-1000
Depth, m
0.40
0.30
0.20
0.10
0.05
0.04
0.03
0.02
-225
-150
-75
0
Distance from Shore, km


Mean Spiciness
0.0
-200.0
-400.0
-600.0
-800.0
-1000.0
Depth, m
0.5
0.4
0.3
0.2
-0.1
0.0
0.1
0.0
-0.1
-225
-150
-75
0
Distance from Shore, km

Standard Deviation, Spiciness



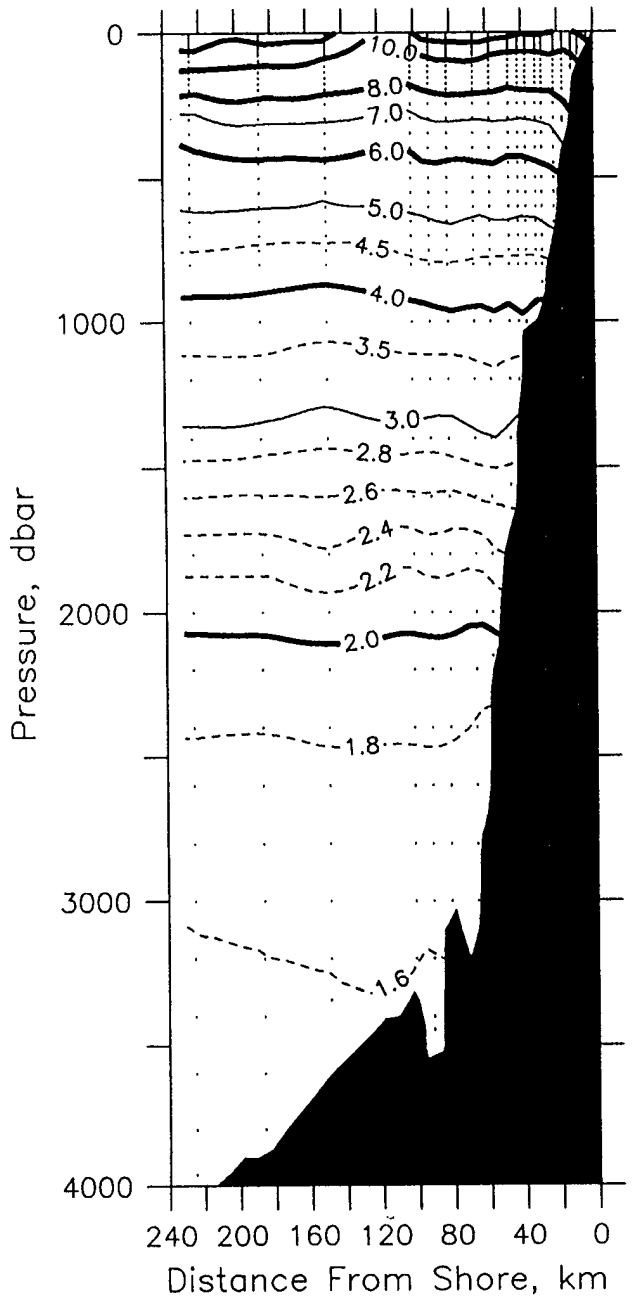

Station Means
15.0
12.5
10.0
7.5
5.0
2.5
0.0
Potential Temperature
33.0
33.5
34.0
34.5
35.0
Salinity


Station Means
Potential Density
25
26
27
28
-0.2
0.0
0.2
0.4
0.6
Spiciness

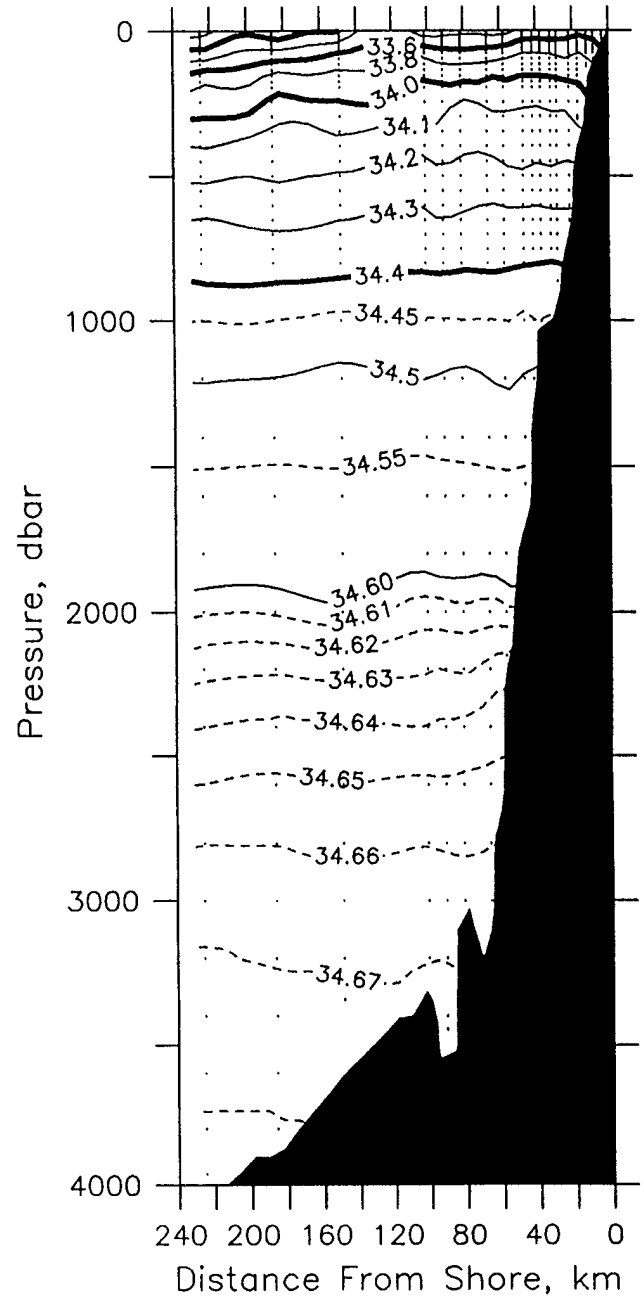
8.0.3 Individual Section Charts: Temperature and Salinity

Cruise	Page
April 1988	57-58
August 1988	59
September 1988	60
November 1988	61
February 1989	62
March 1989	63
May 1989	64
July 1989	65
September 1989	66
November 1989	67
January 1990	68
March 1990	69
May 1990	70
June 1990	71
August 1990	72
October 1990	73
December 1990	74
February 1991	75
April 1991	76

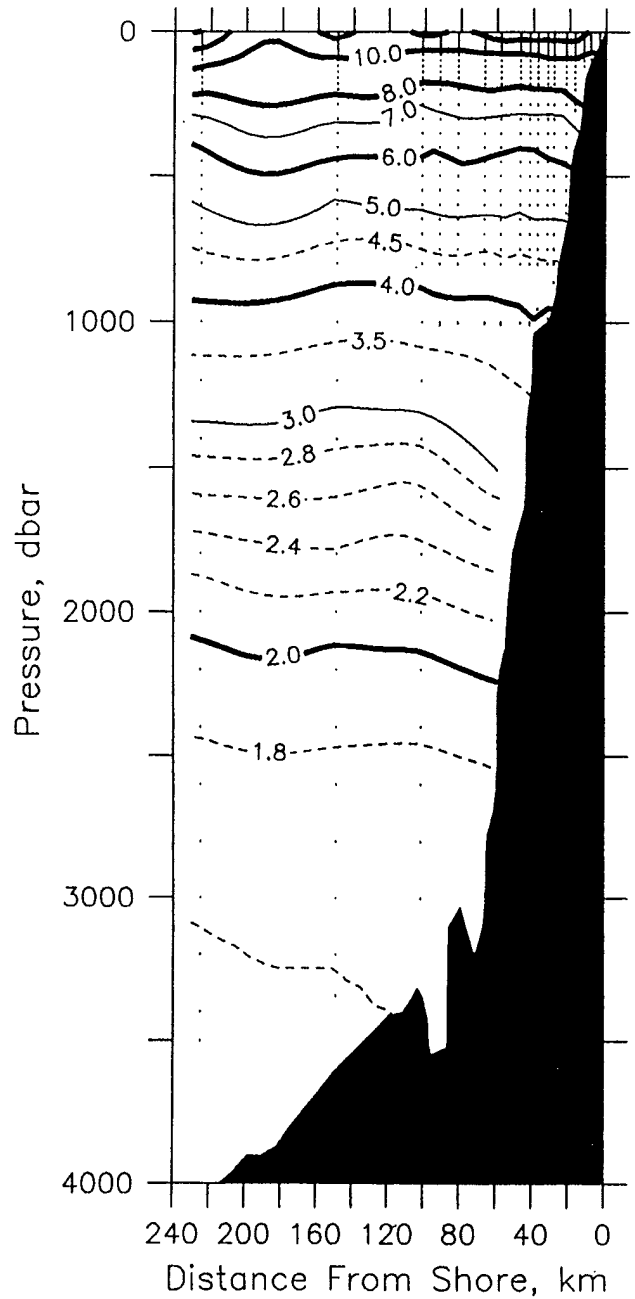
(This page left blank intentionally.)



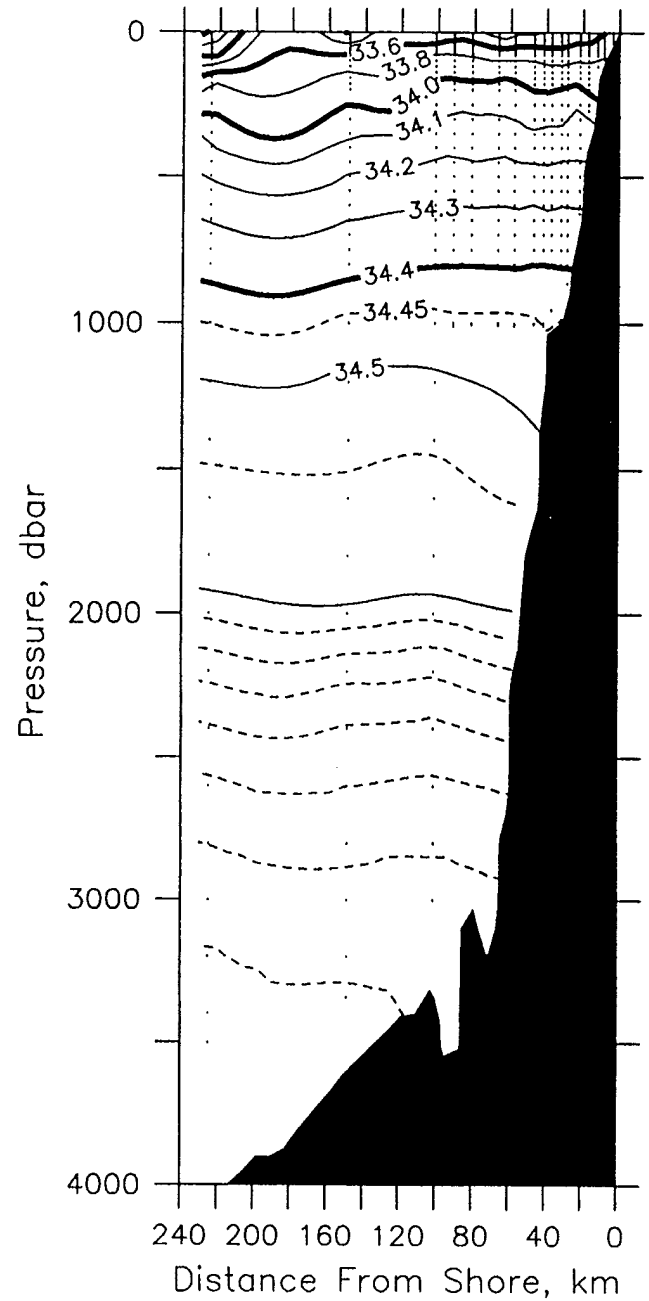
Temperature, deg C: April 1988A



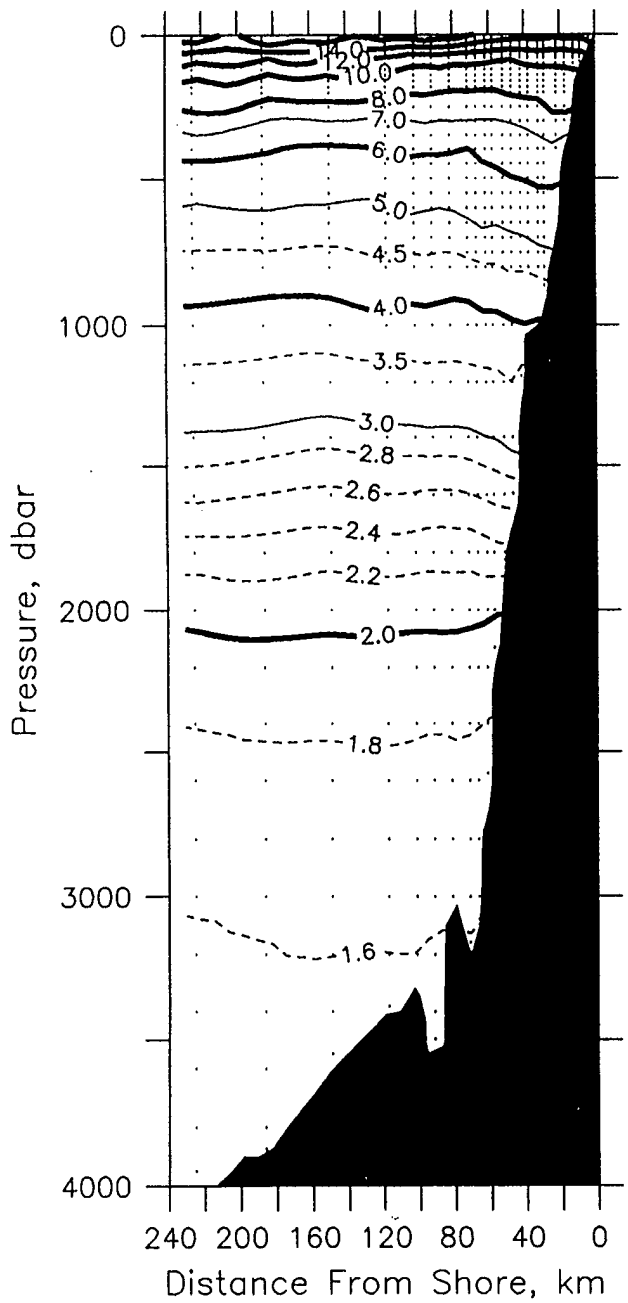
Salinity April 1988A



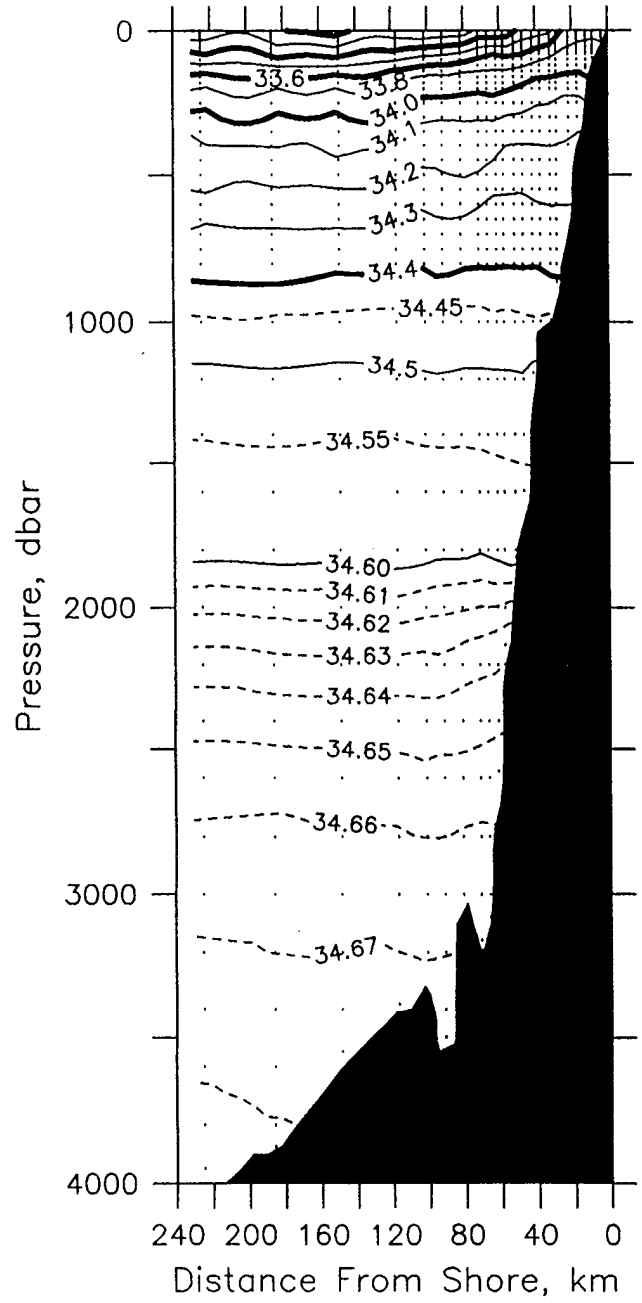
Temperature, deg C: April 1988B



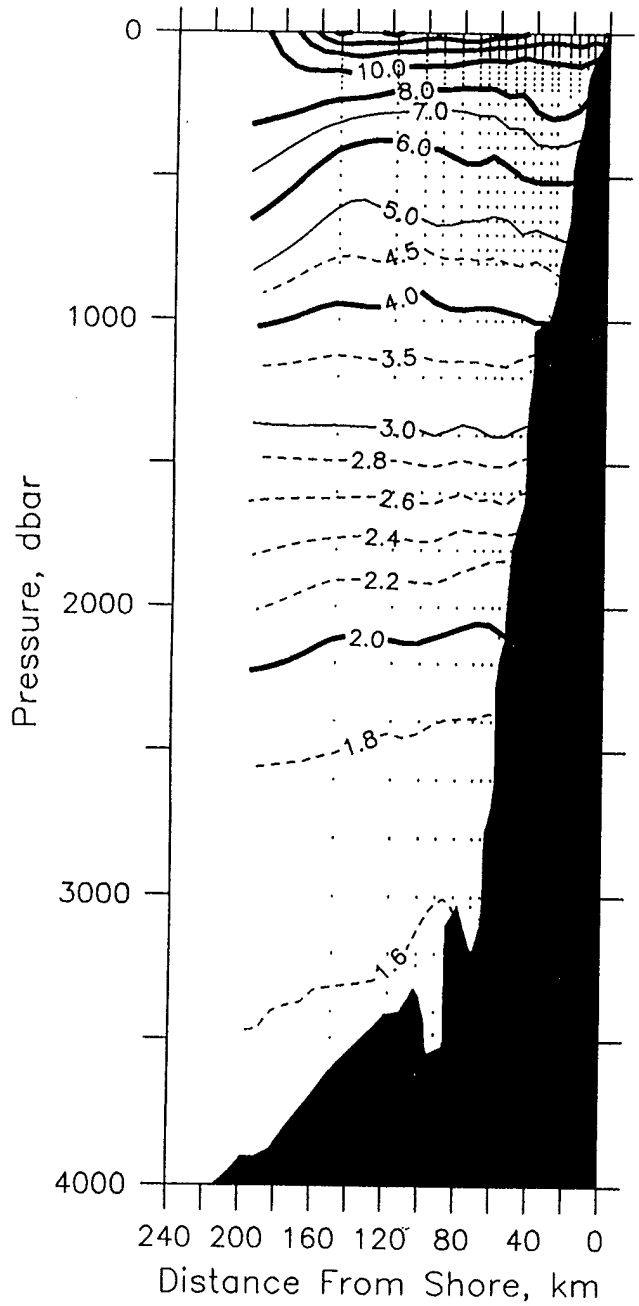
Salinity April 1988B



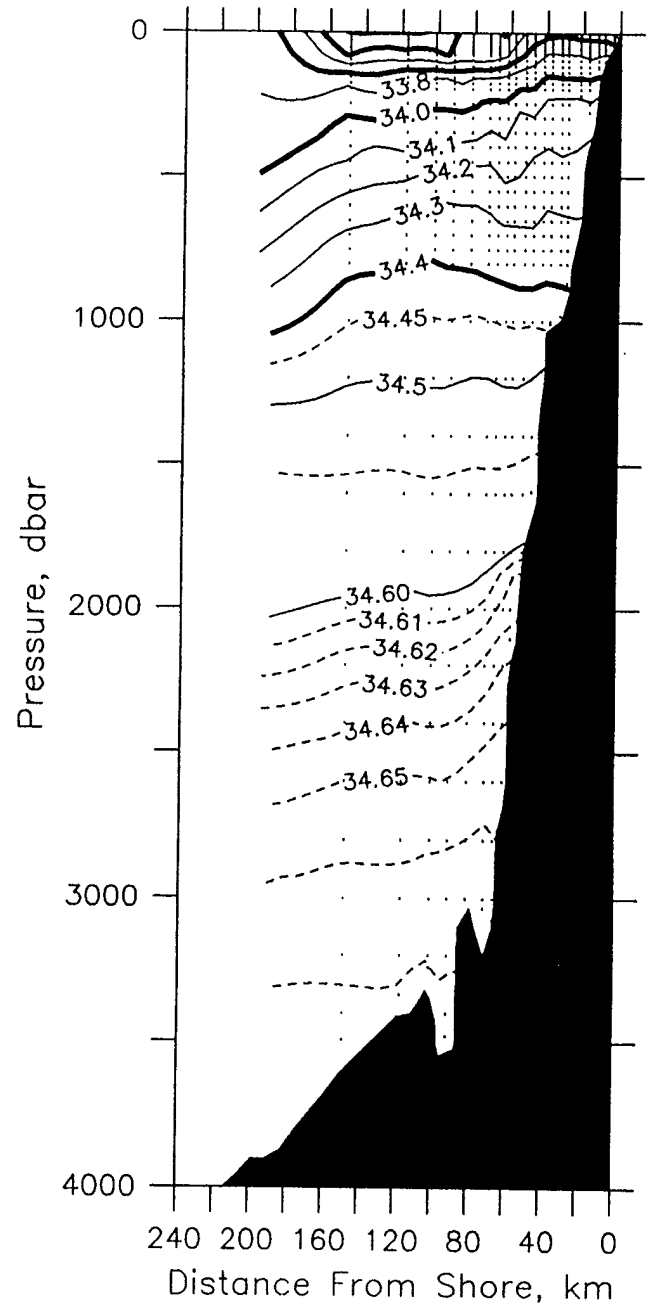
Temperature, deg C: August 1988



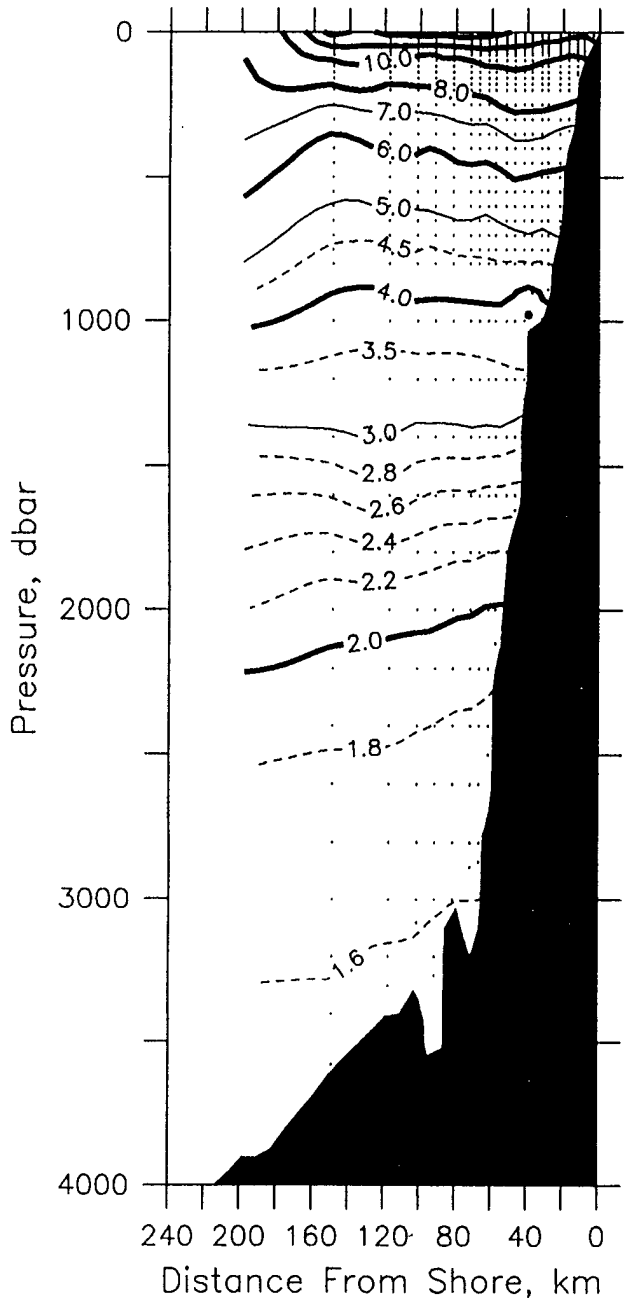
Salinity August 1988



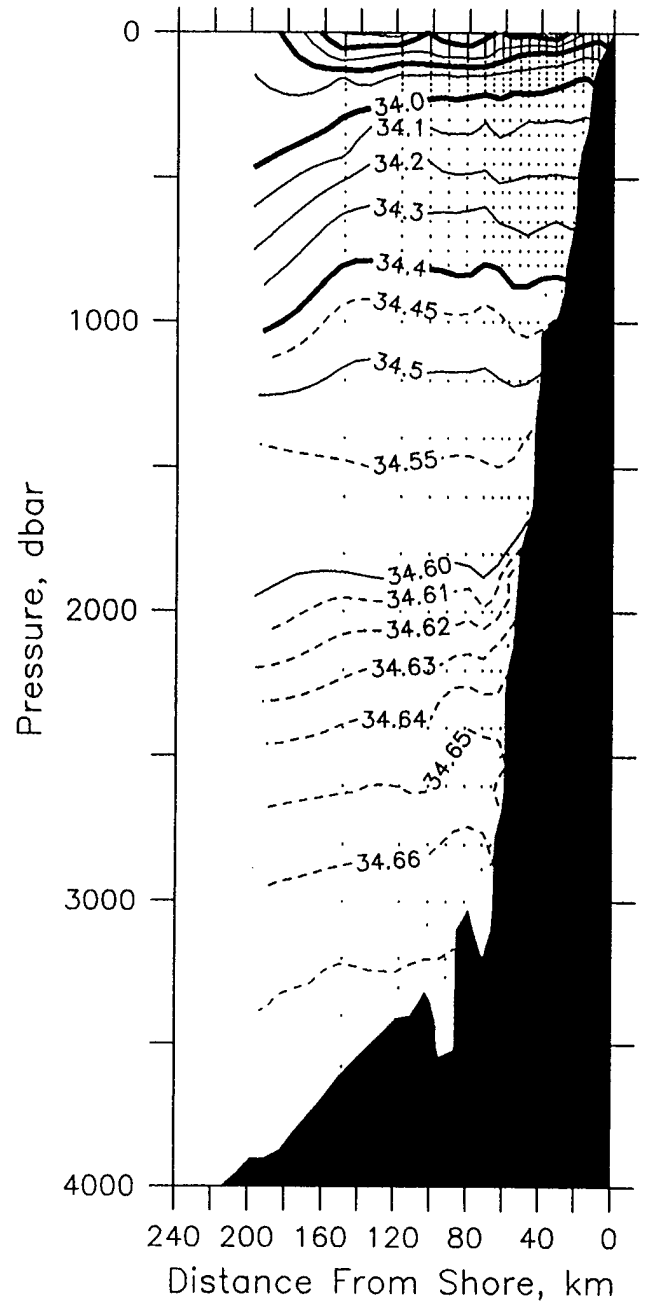
Temperature, deg C: September 1988



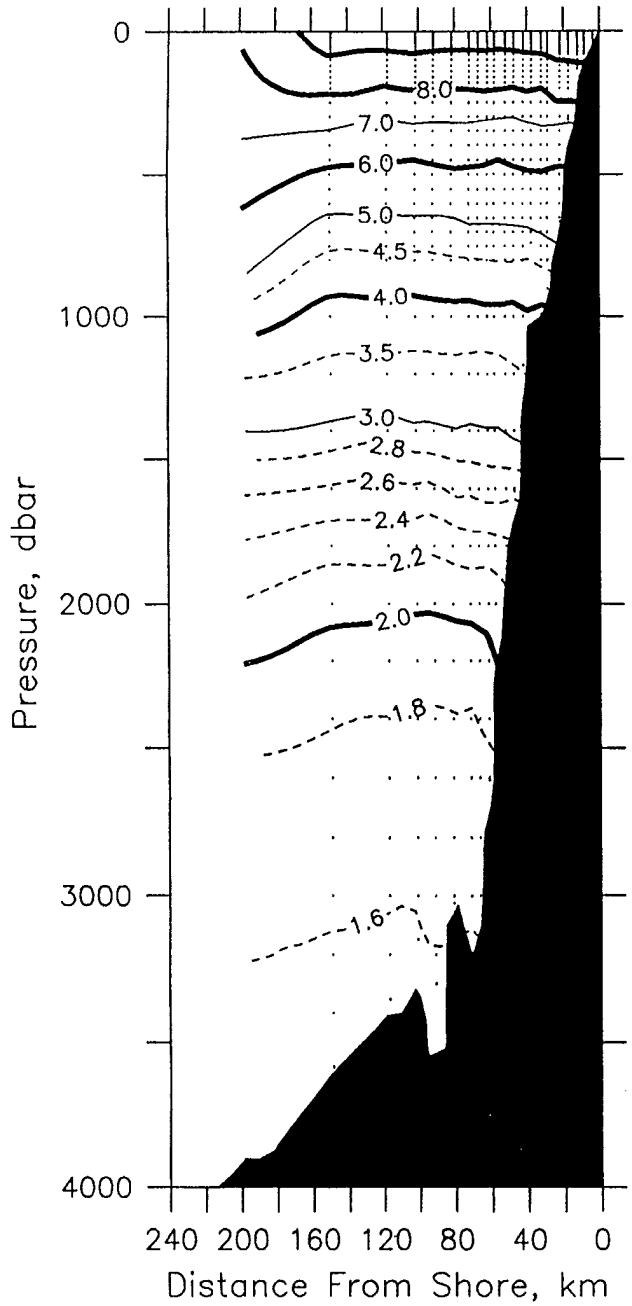
Salinity September 1988



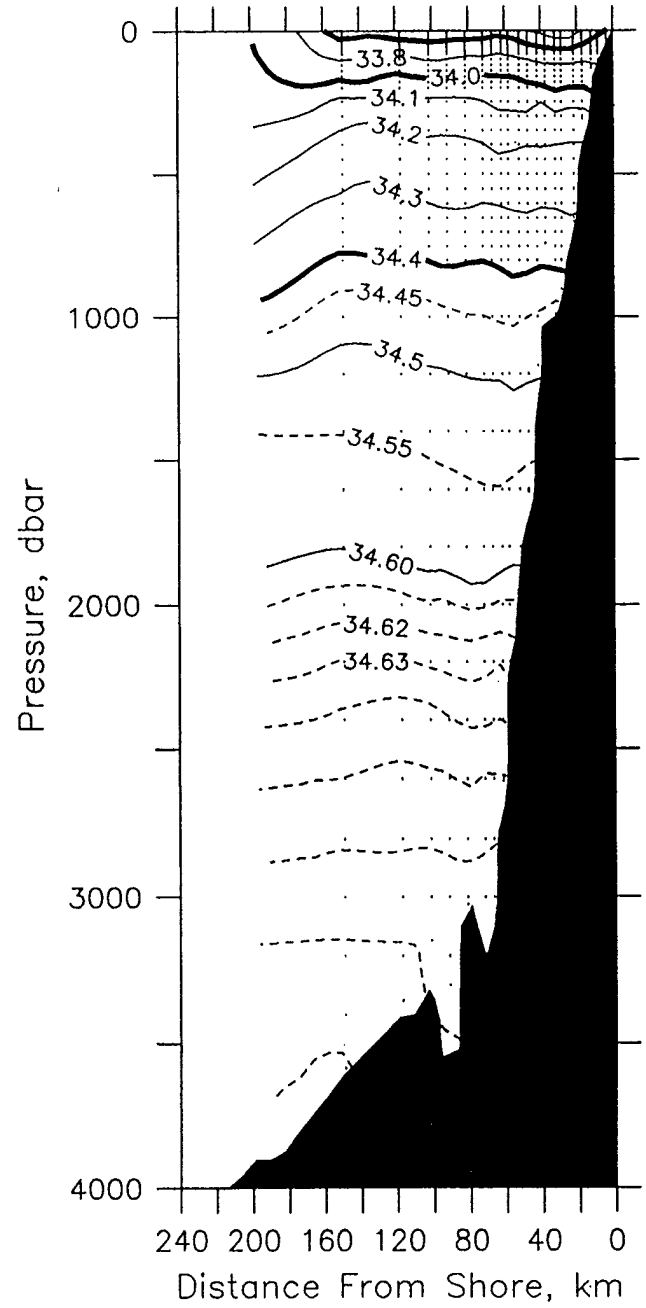
Temperature, deg C: November 1988



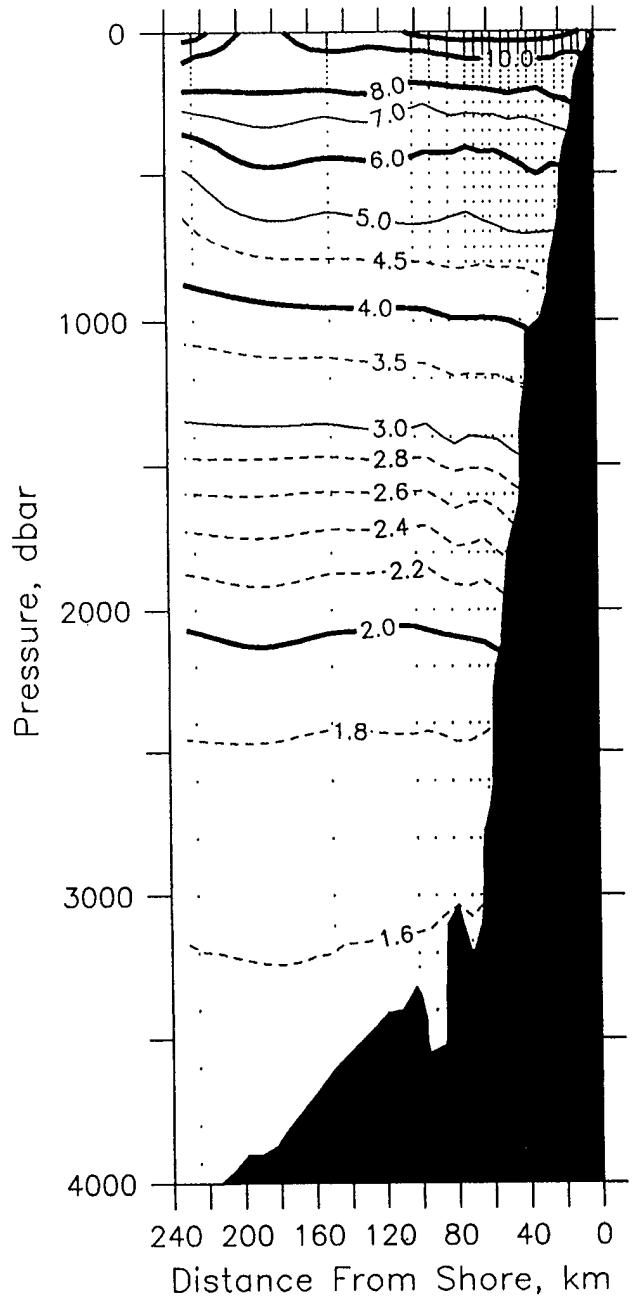
Salinity November 1988



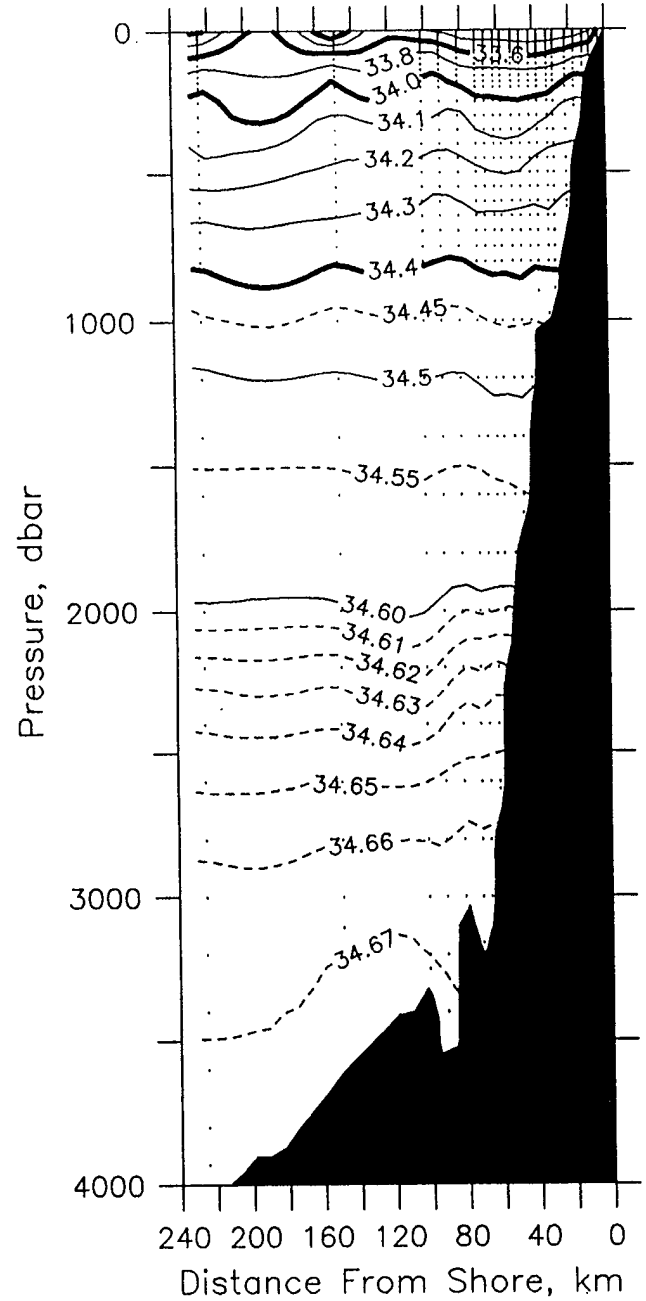
Temperature, deg C: February 1989



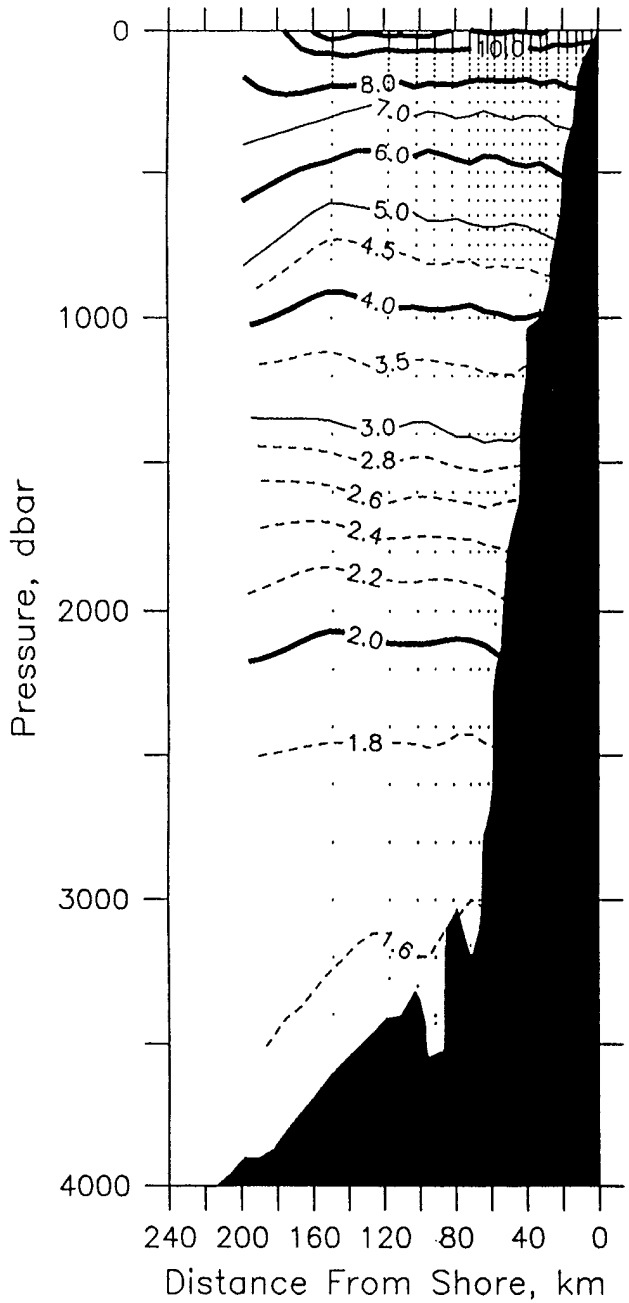
Salinity February 1989



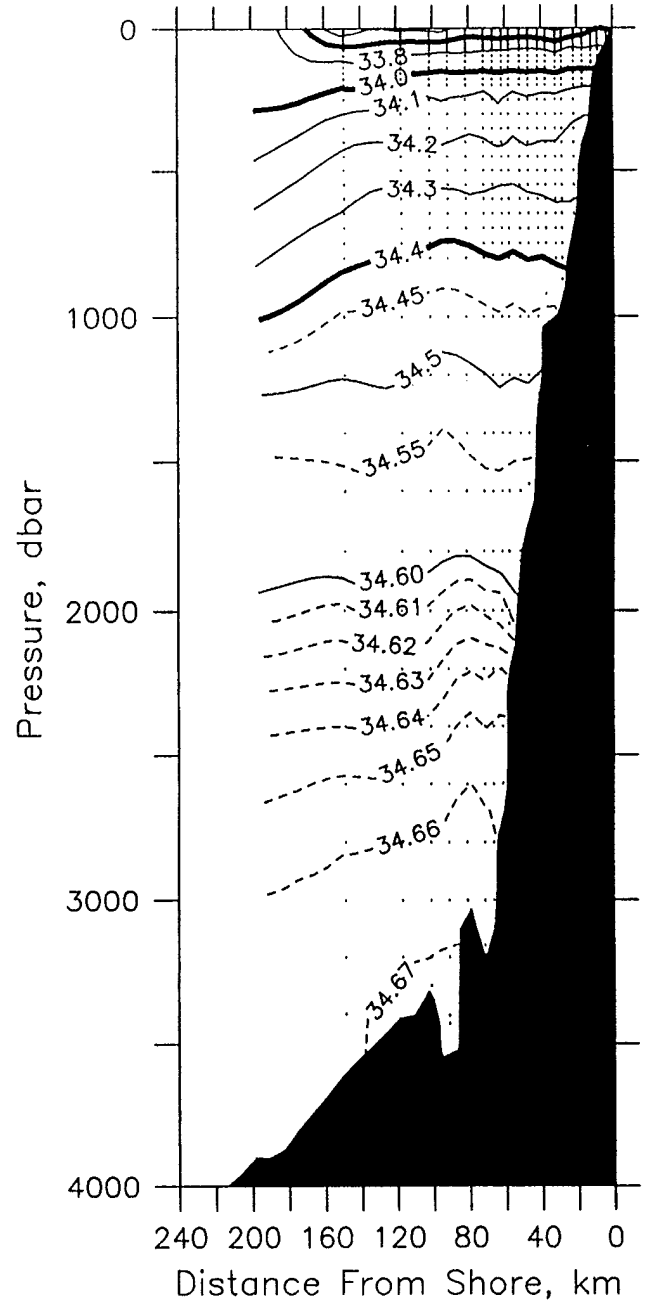
Temperature, deg C: March 1989



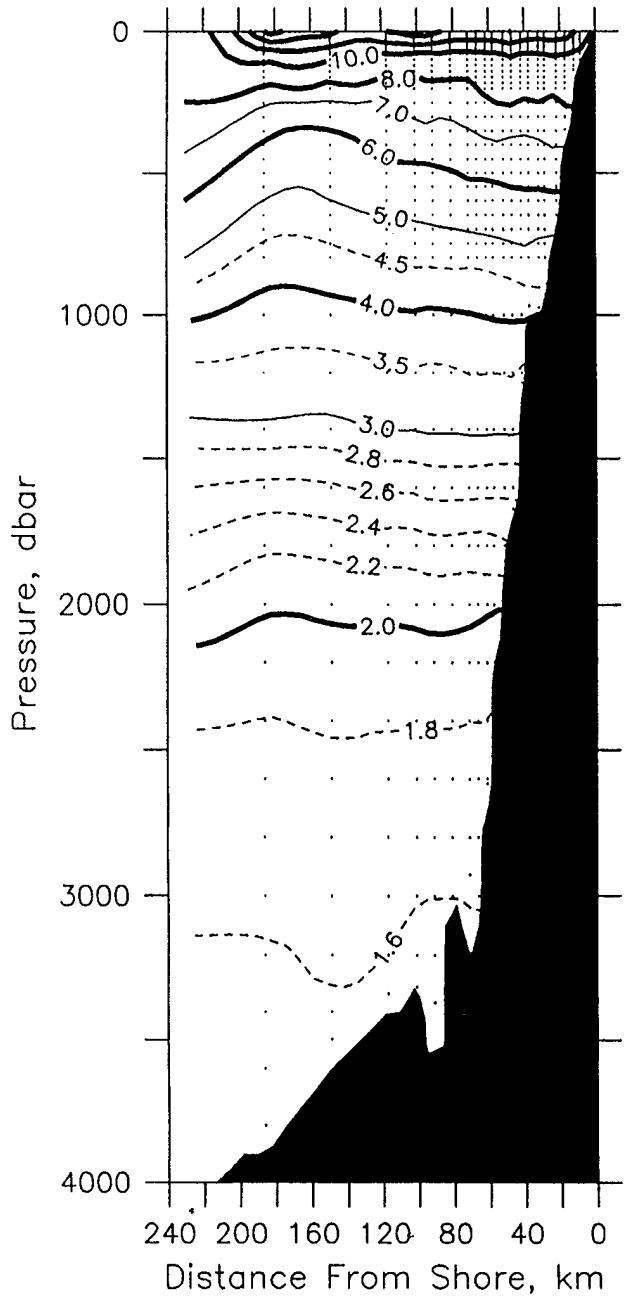
Salinity March 1989



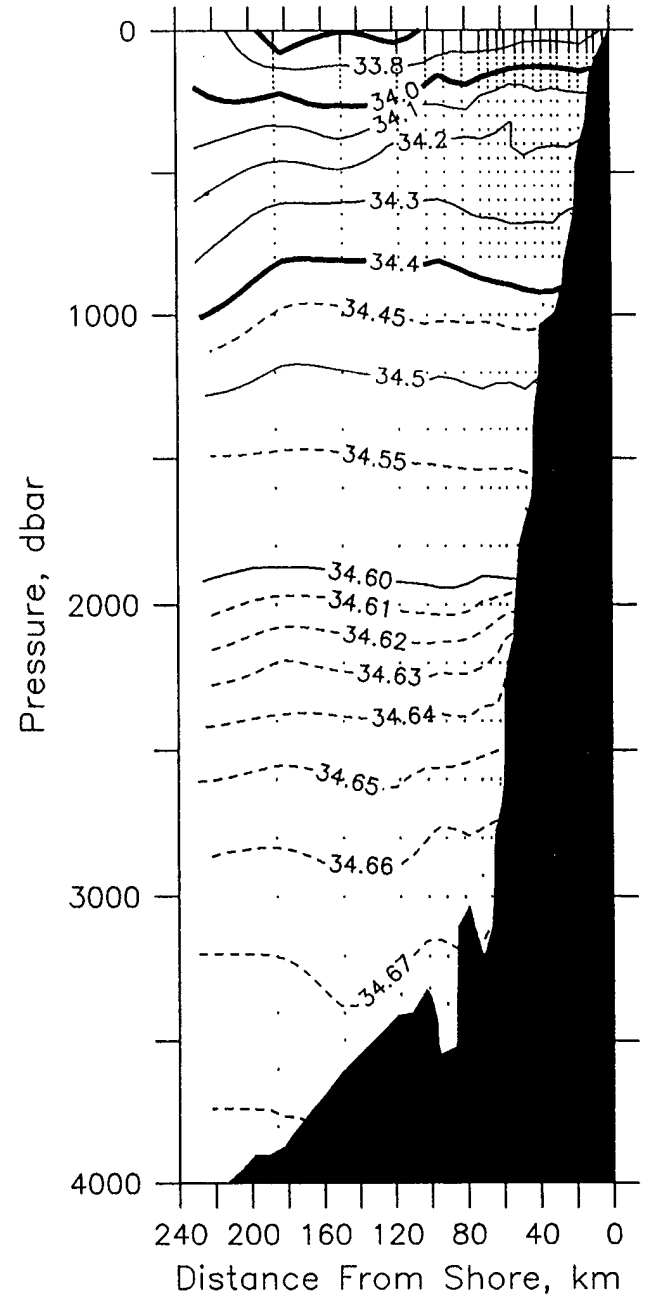
Temperature, deg C: May 1989



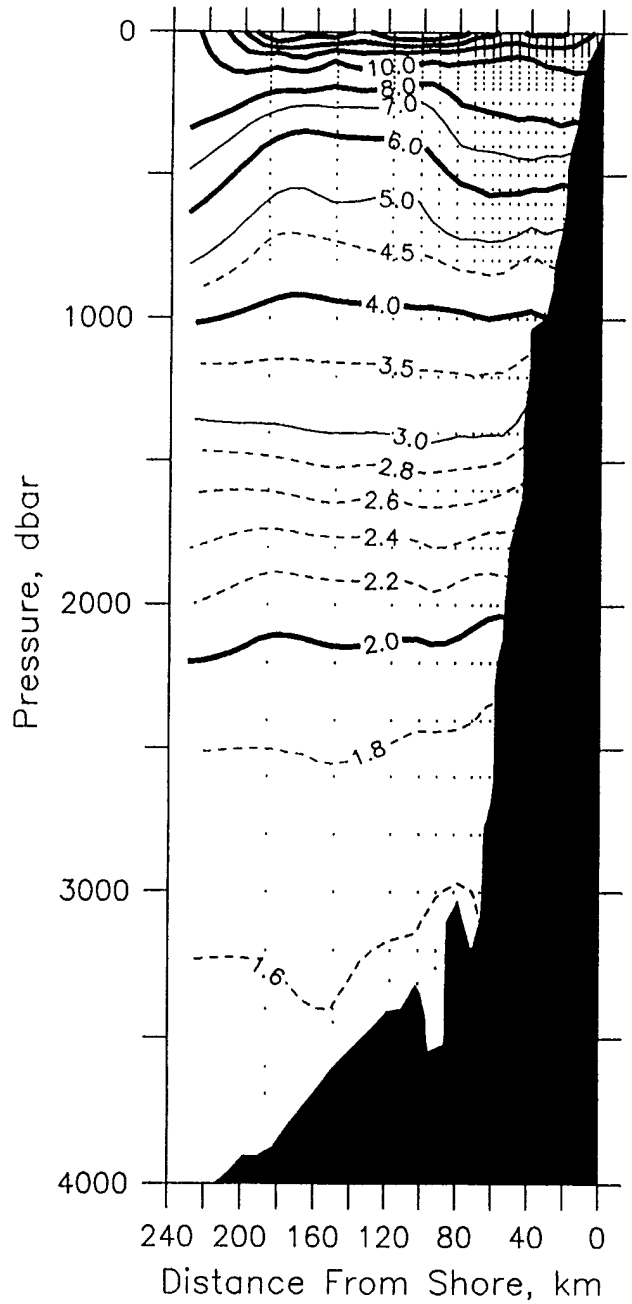
Salinity May 1989



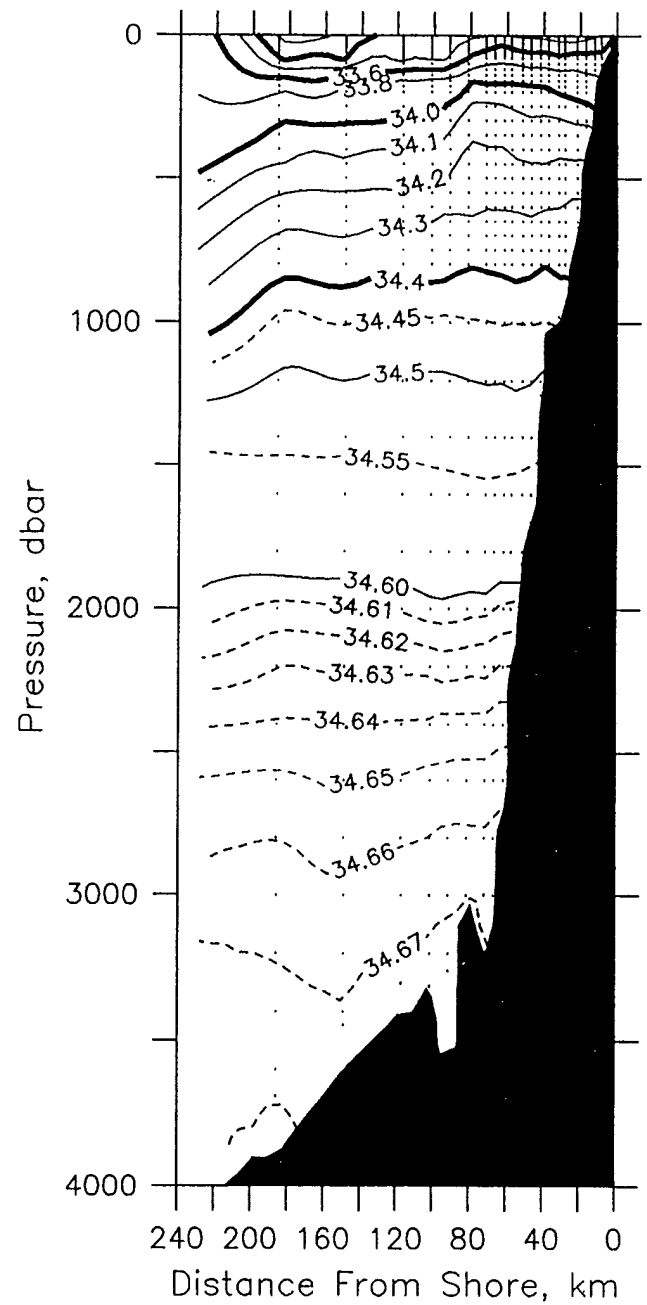
Temperature, deg C: July 1989



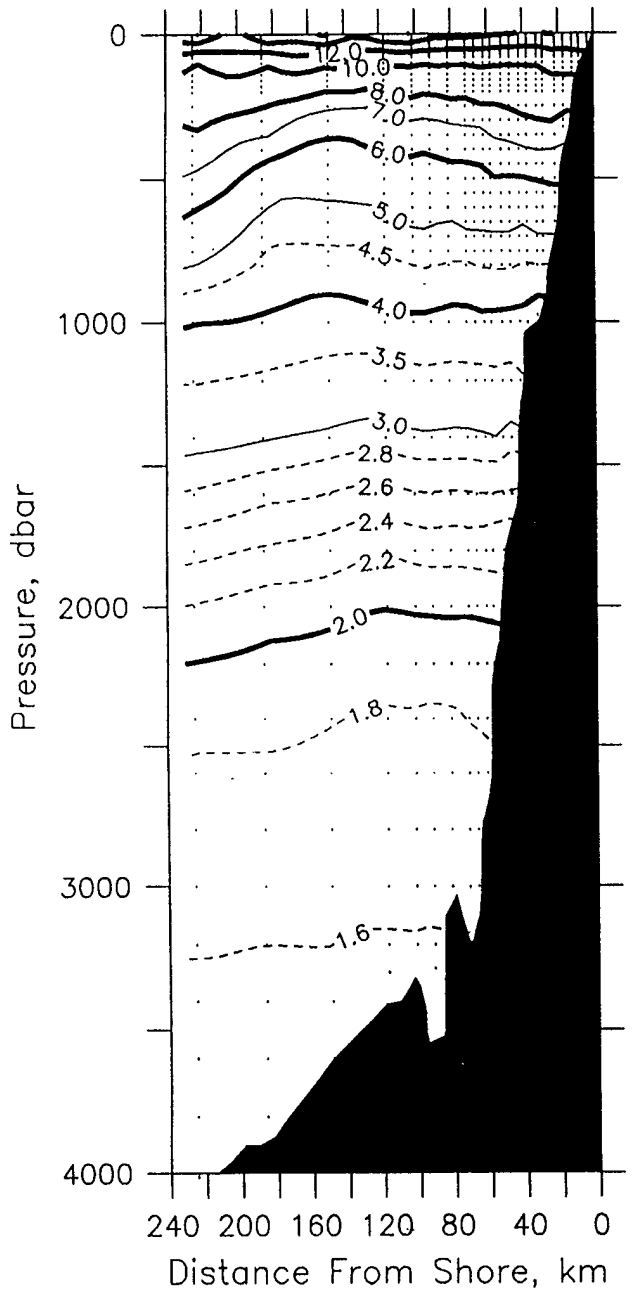
Salinity July 1989



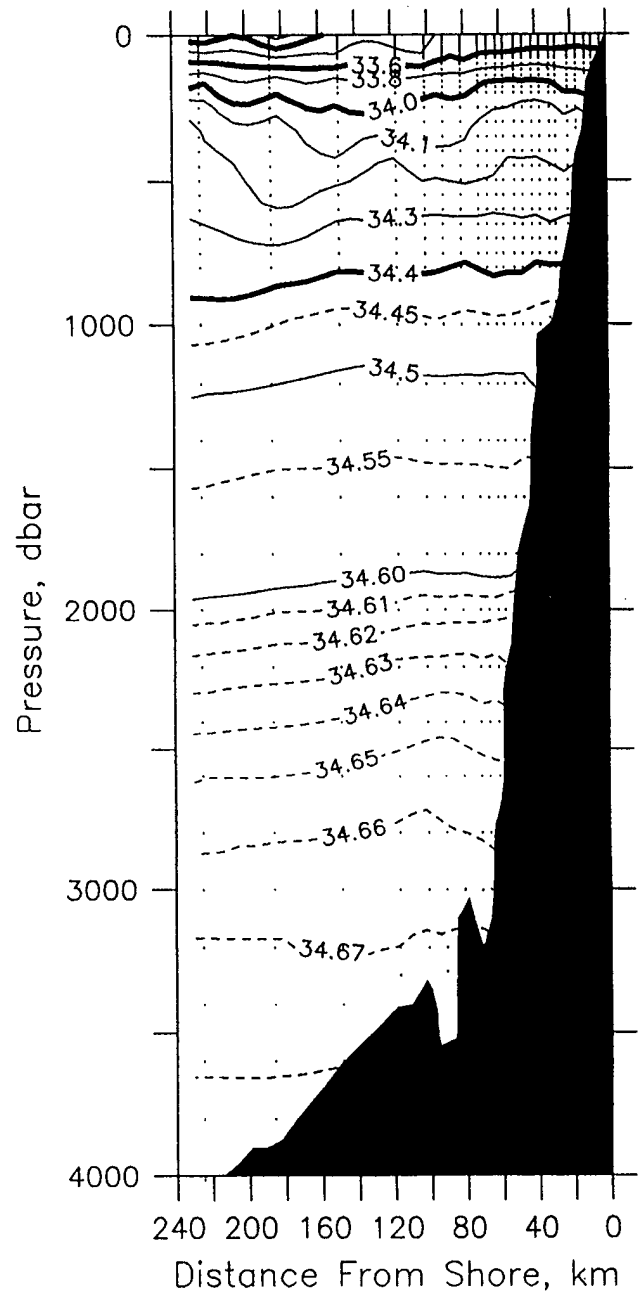
Temperature, deg C: September 1989



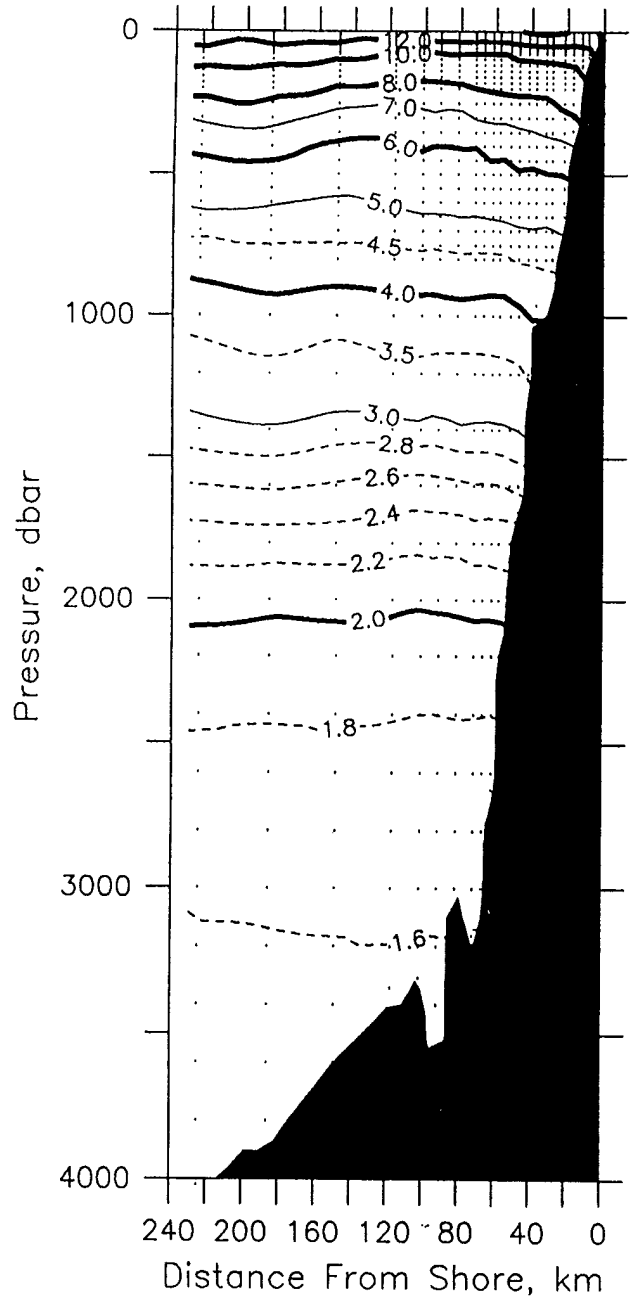
Salinity September 1989



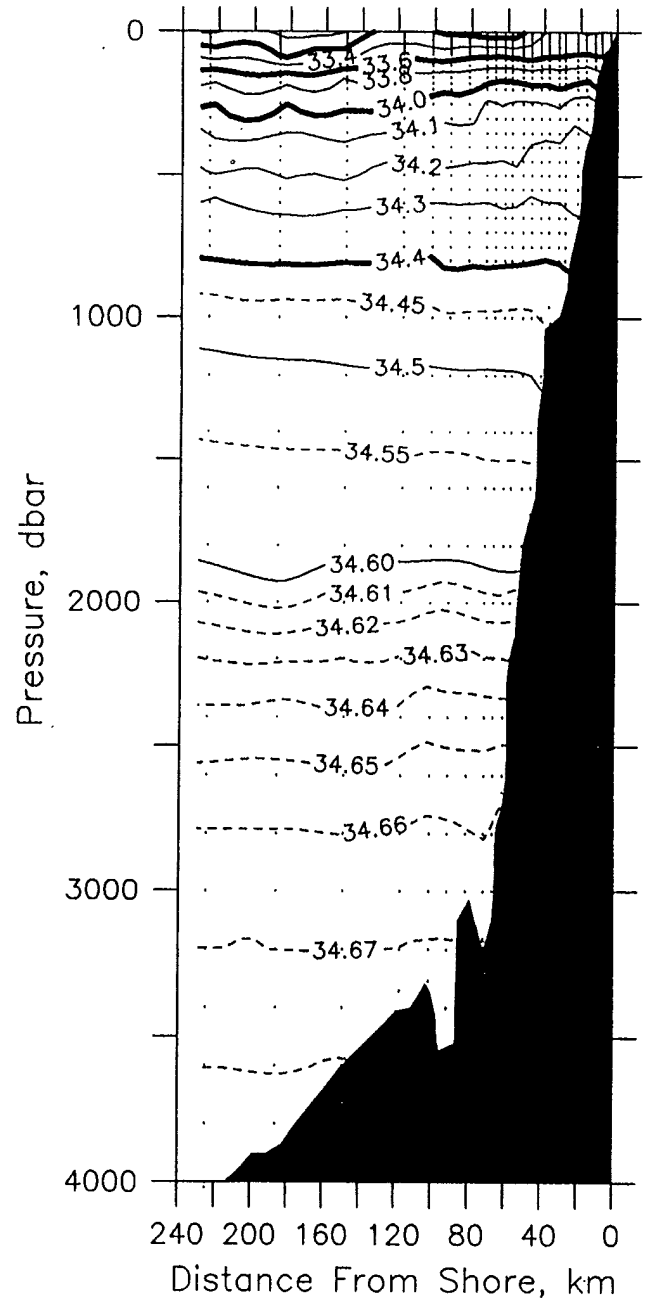
Temperature, deg C: November 1989



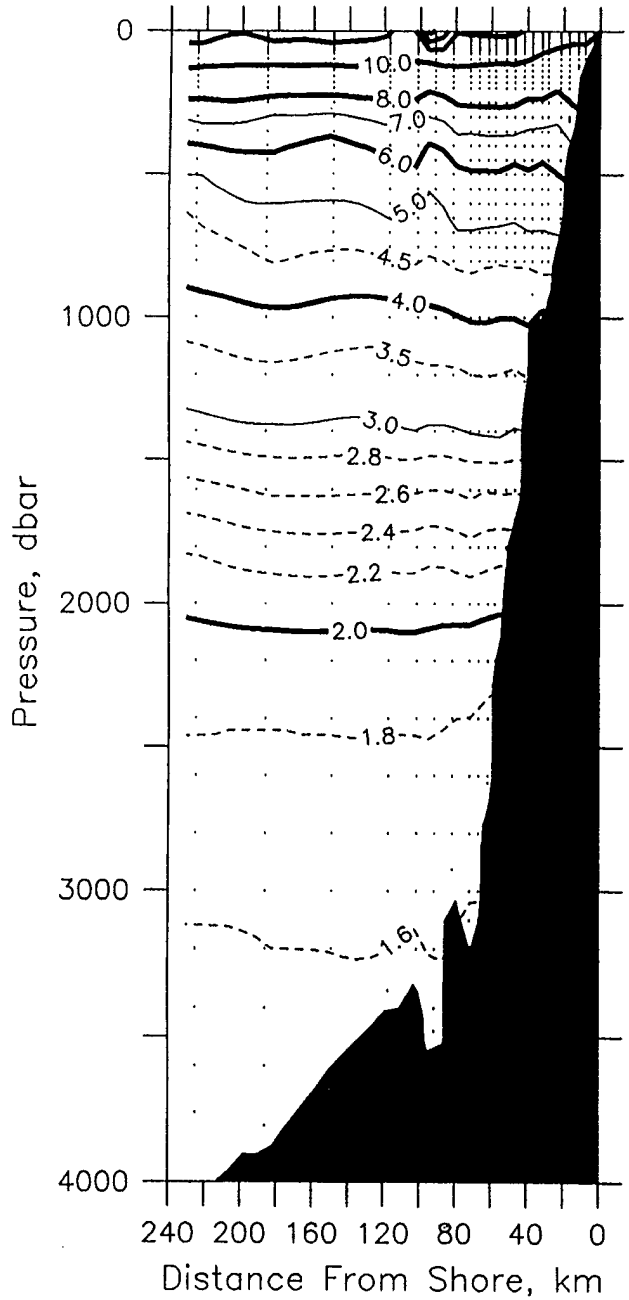
Salinity November 1989



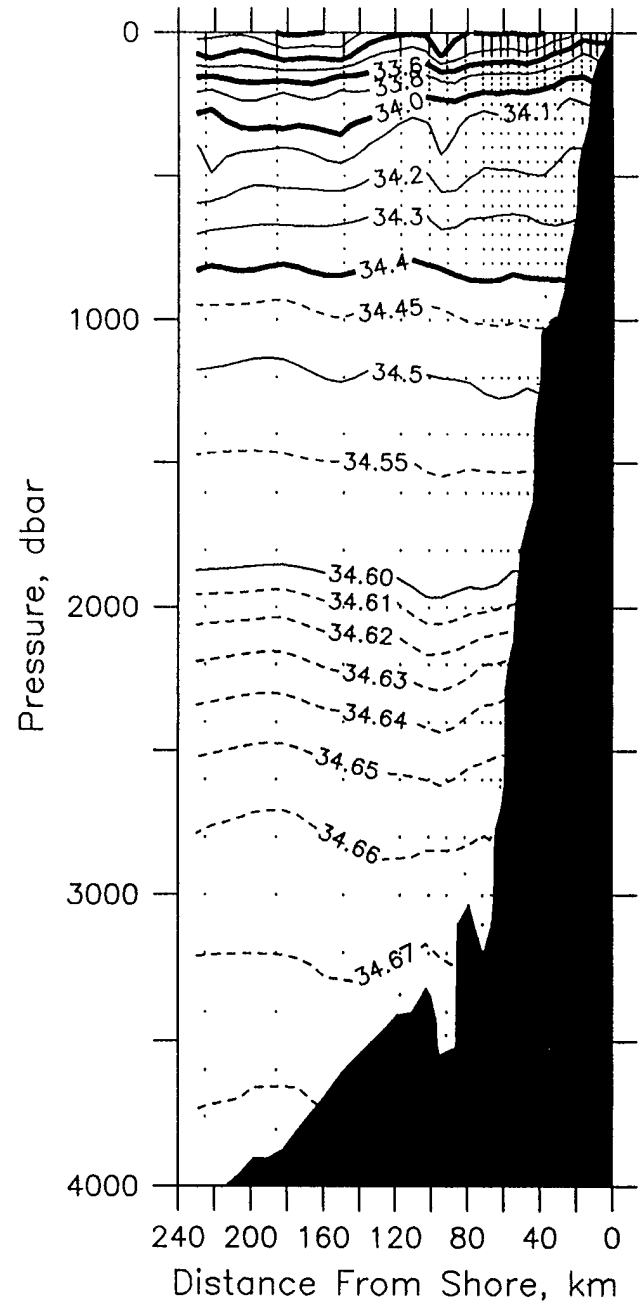
Temperature, deg C: January 1990



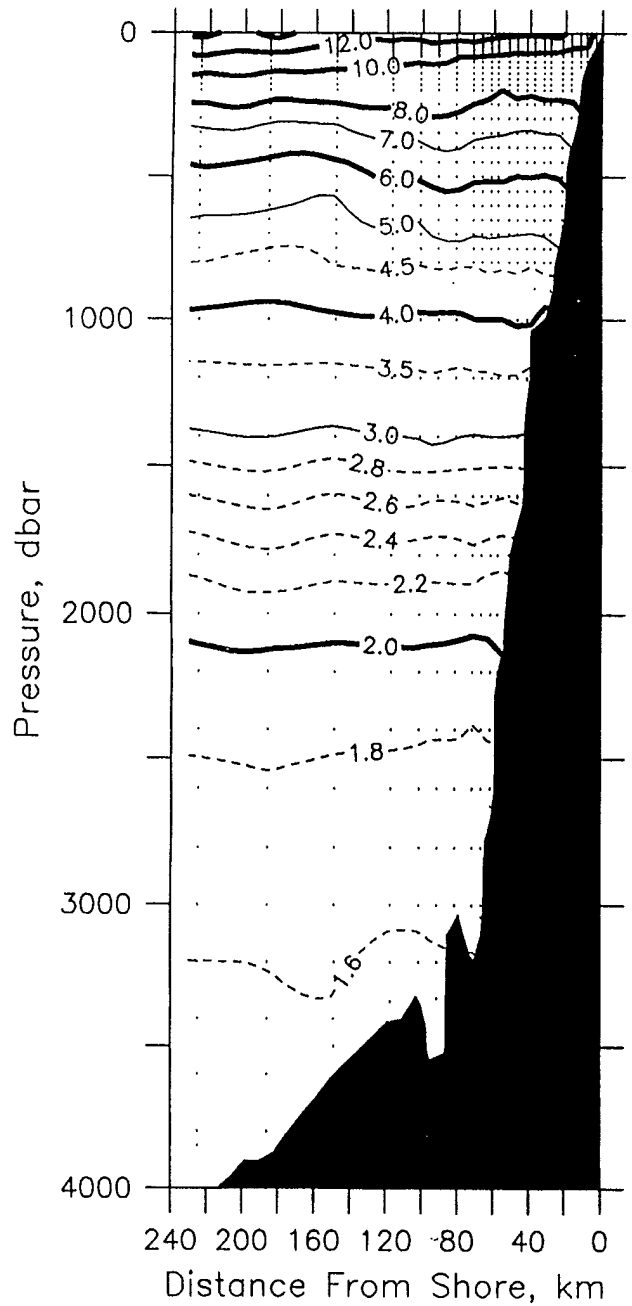
Salinity January 1990



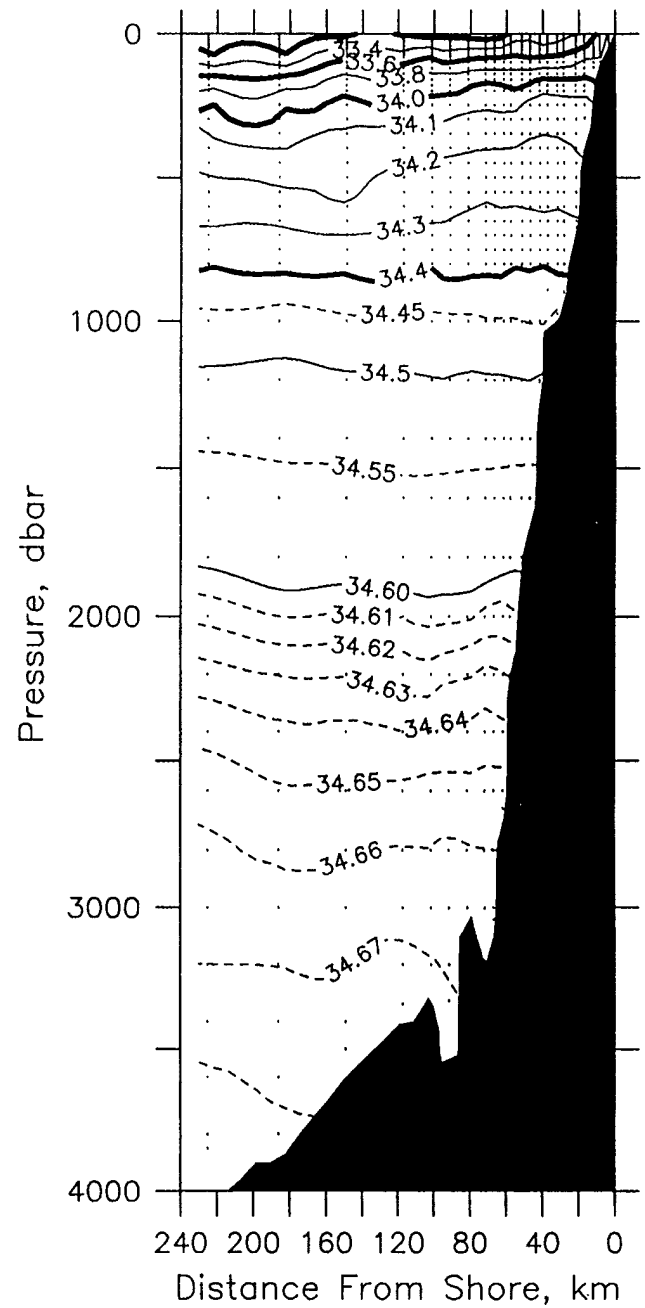
Temperature, deg C: March 1990



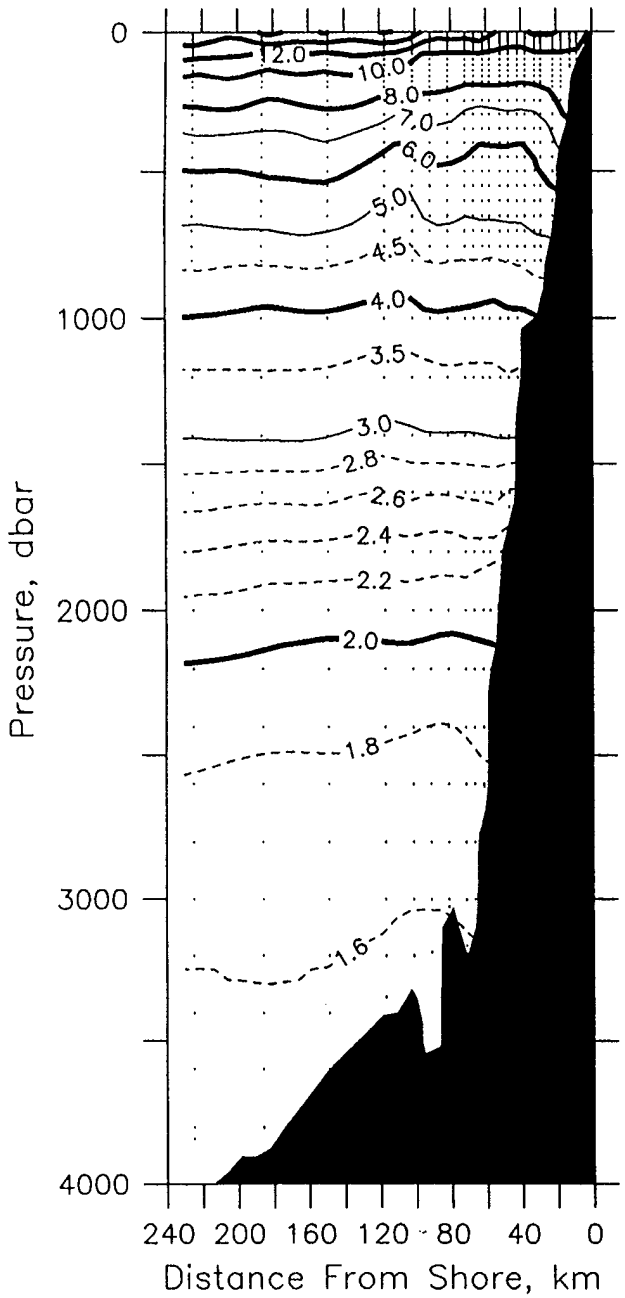
Salinity March 1990



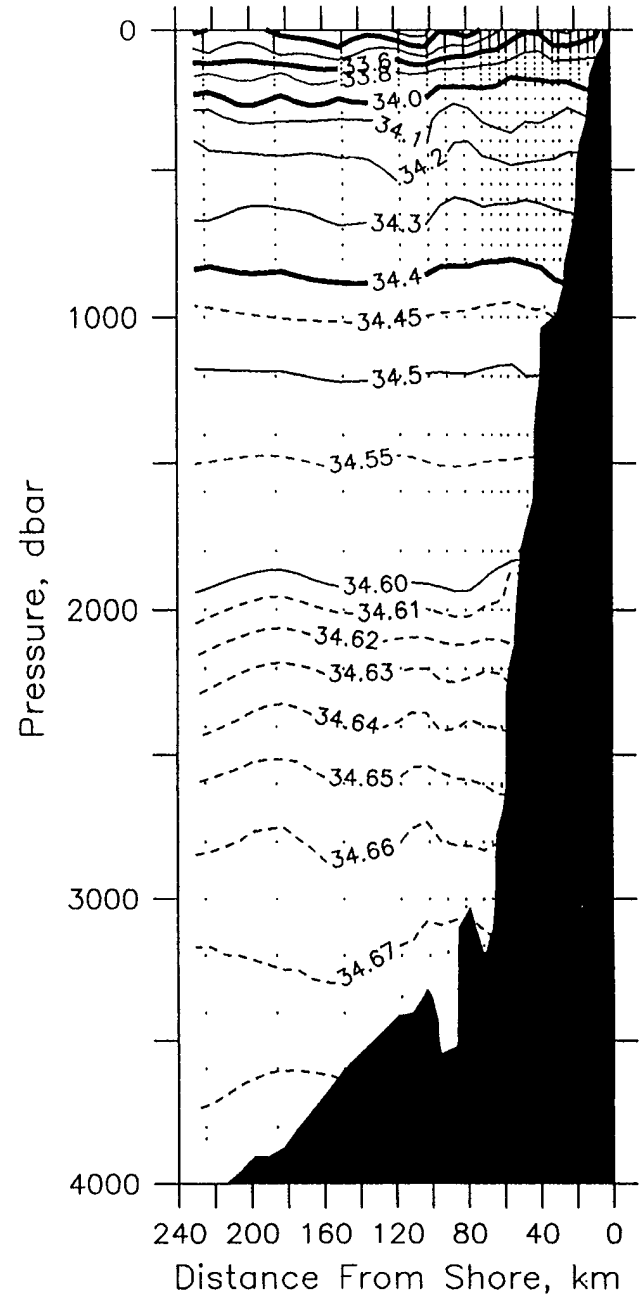
Temperature, deg C: May 1990



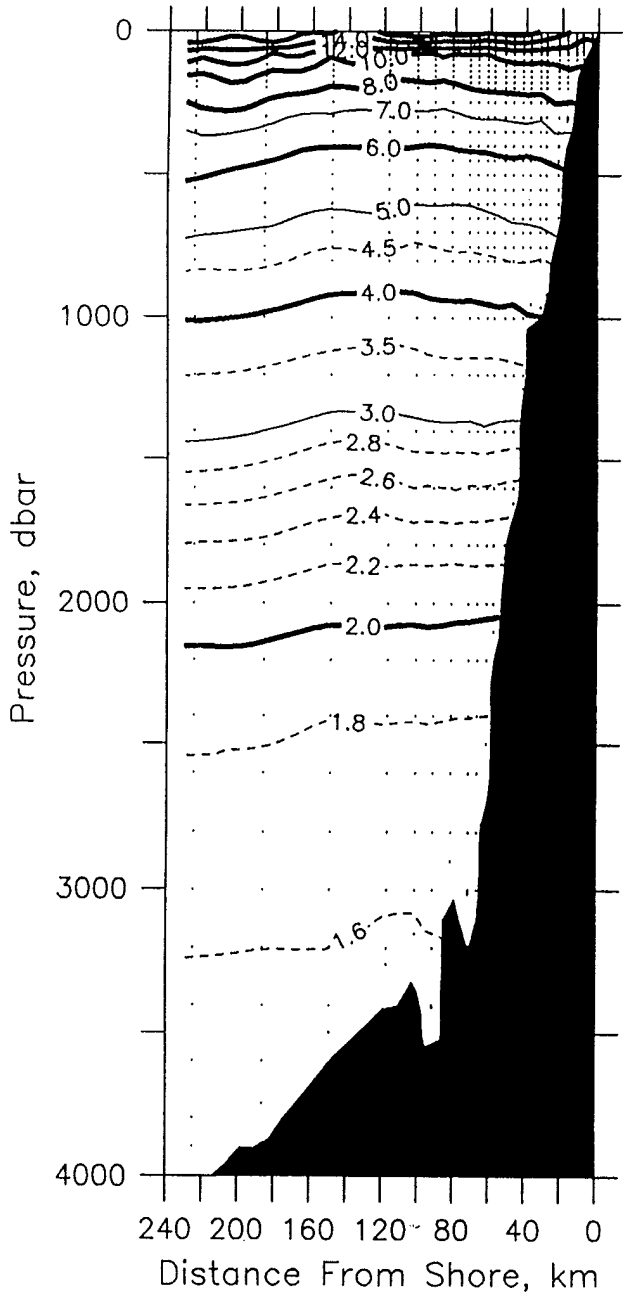
Salinity May 1990



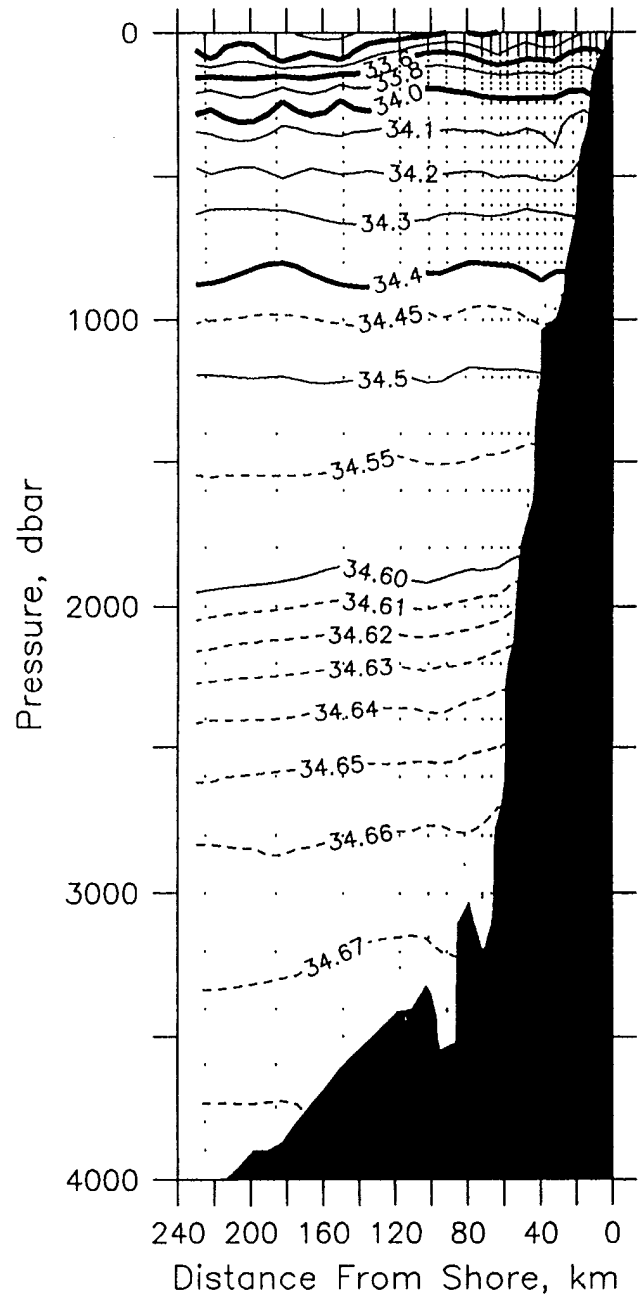
Temperature, deg C: June 1990



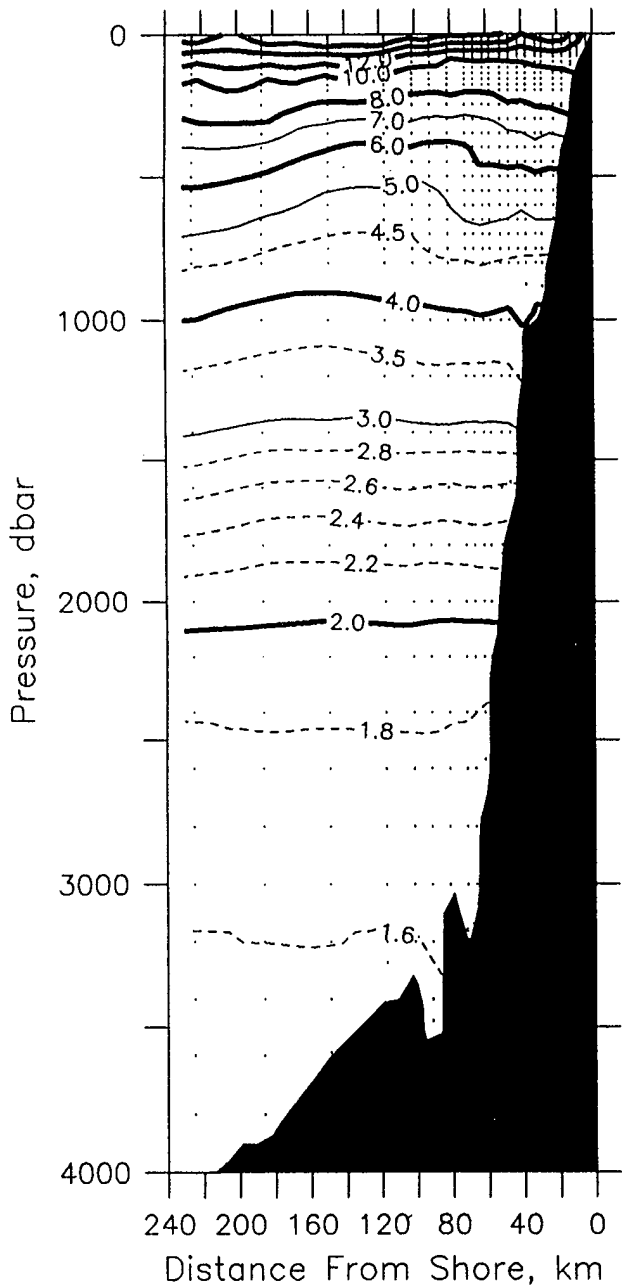
Salinity June 1990



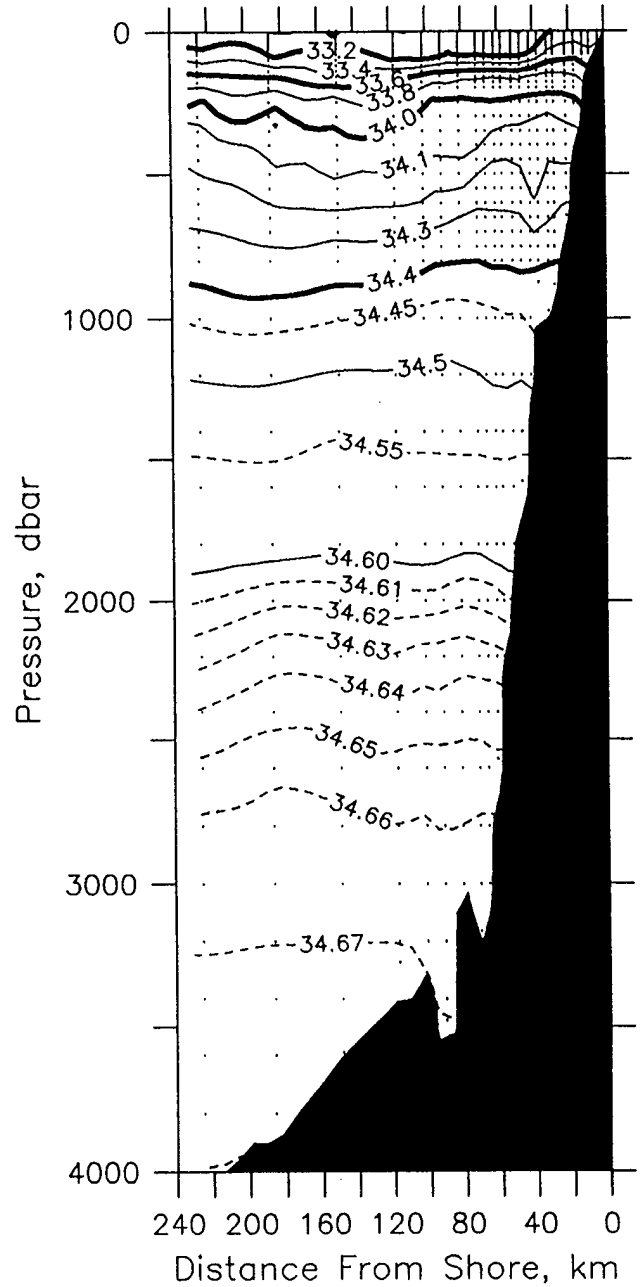
Temperature, deg C: August 1990



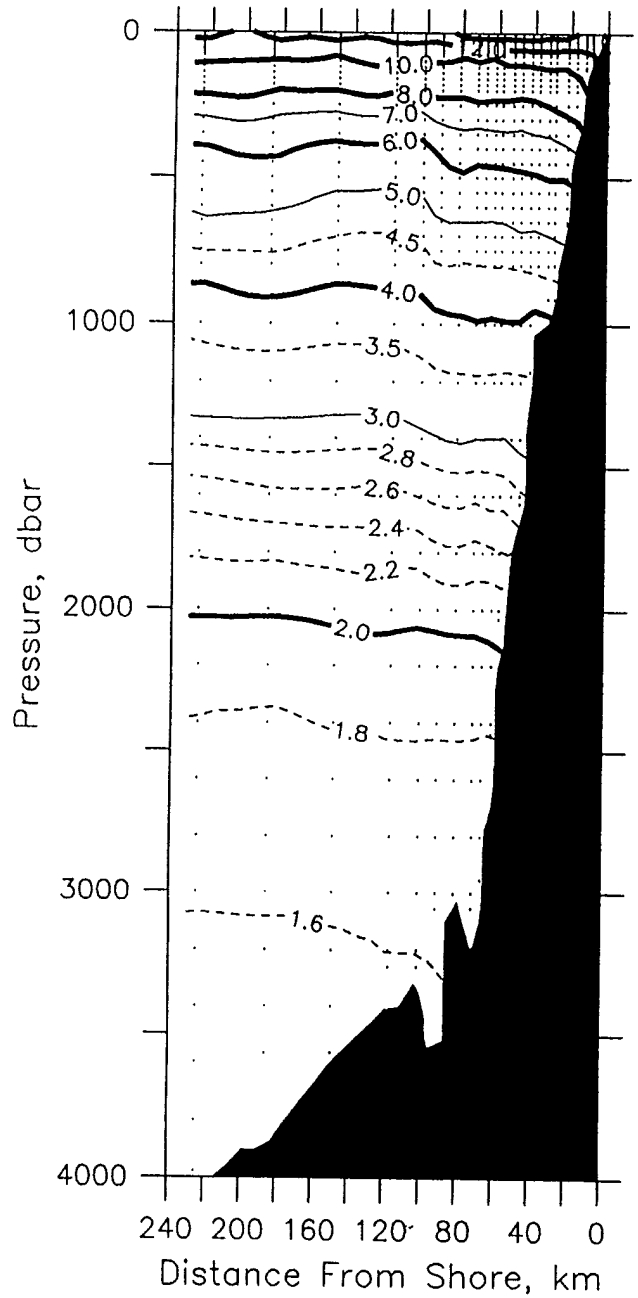
Salinity August 1990



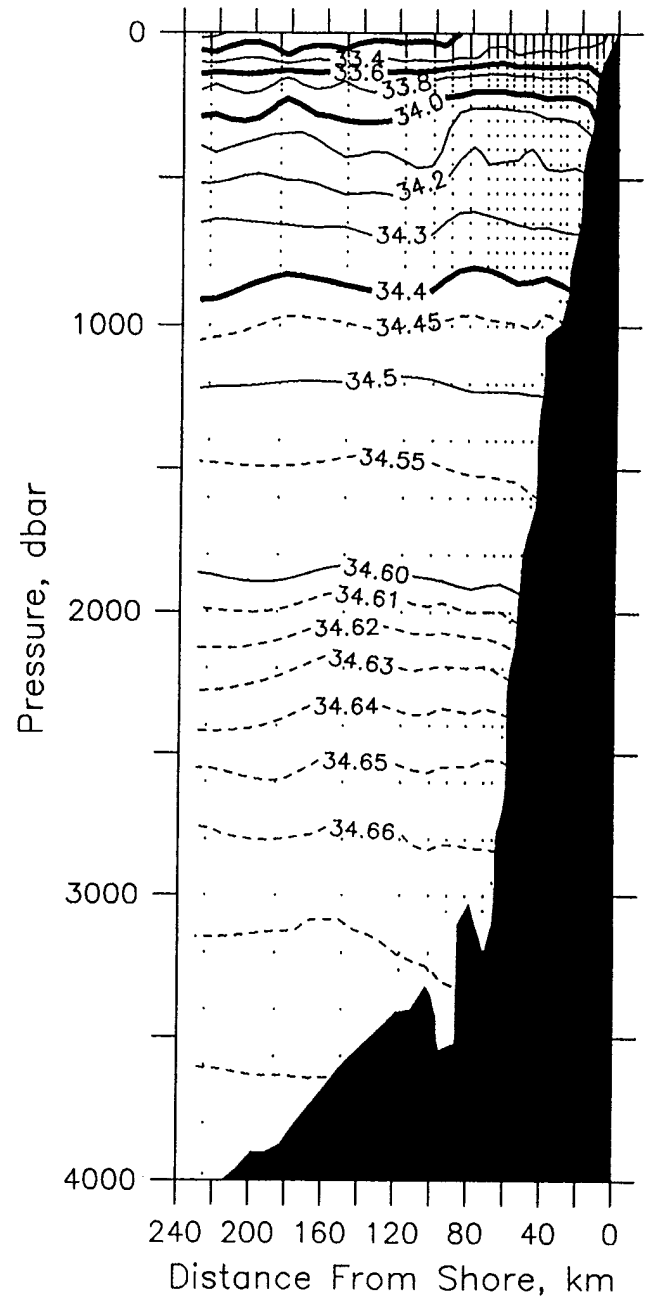
Temperature, deg C: October 1990



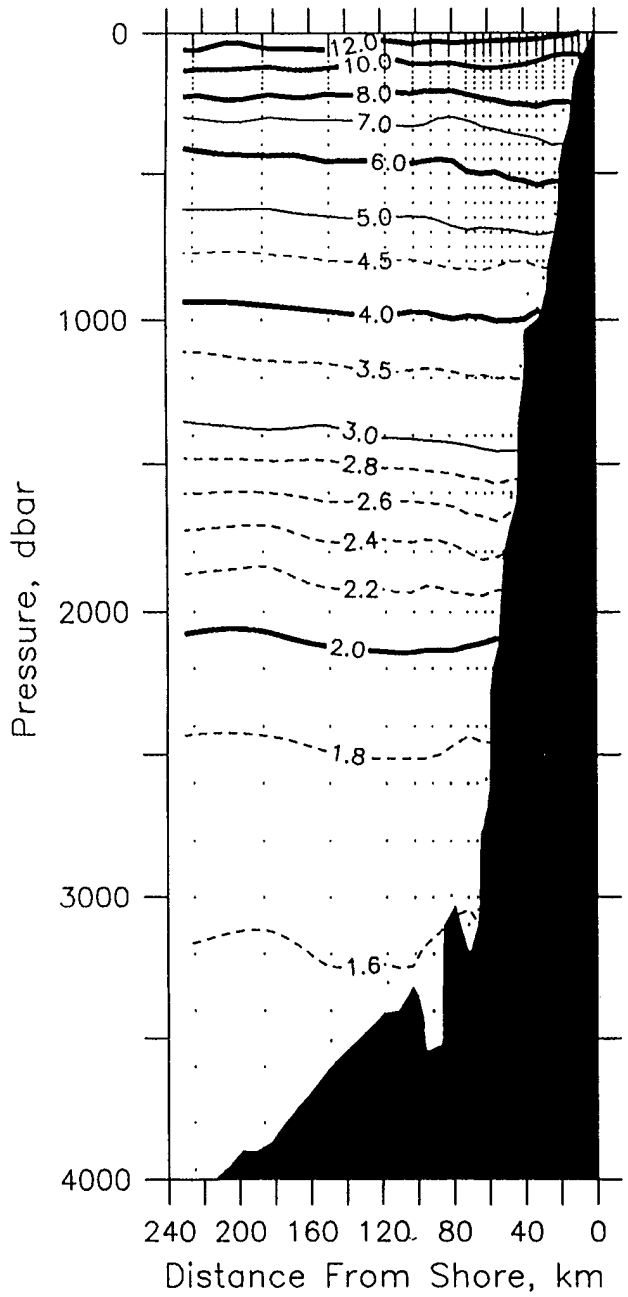
Salinity October 1990



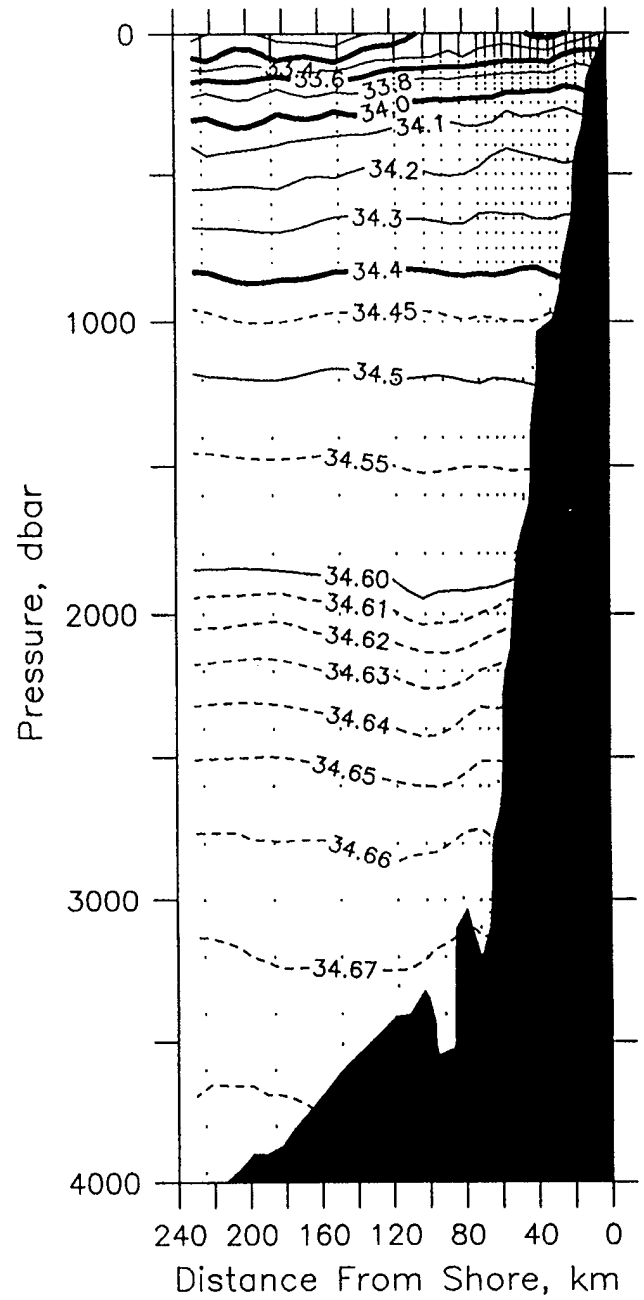
Temperature, deg C: December 1990



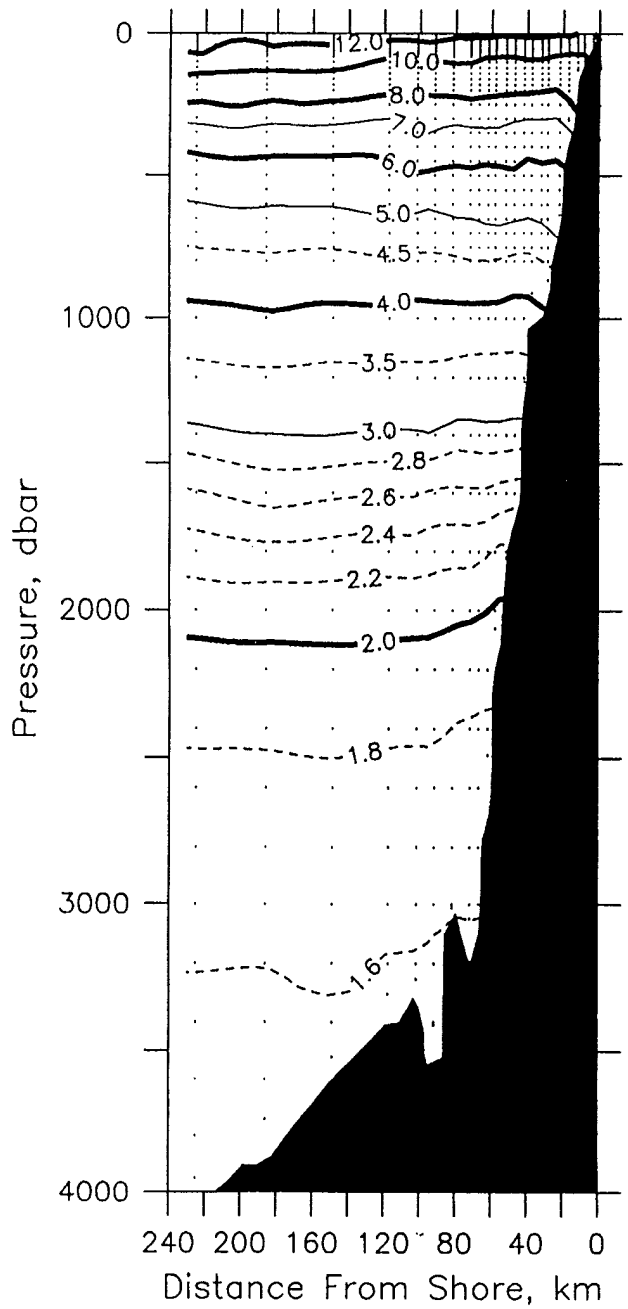
Salinity December 1990



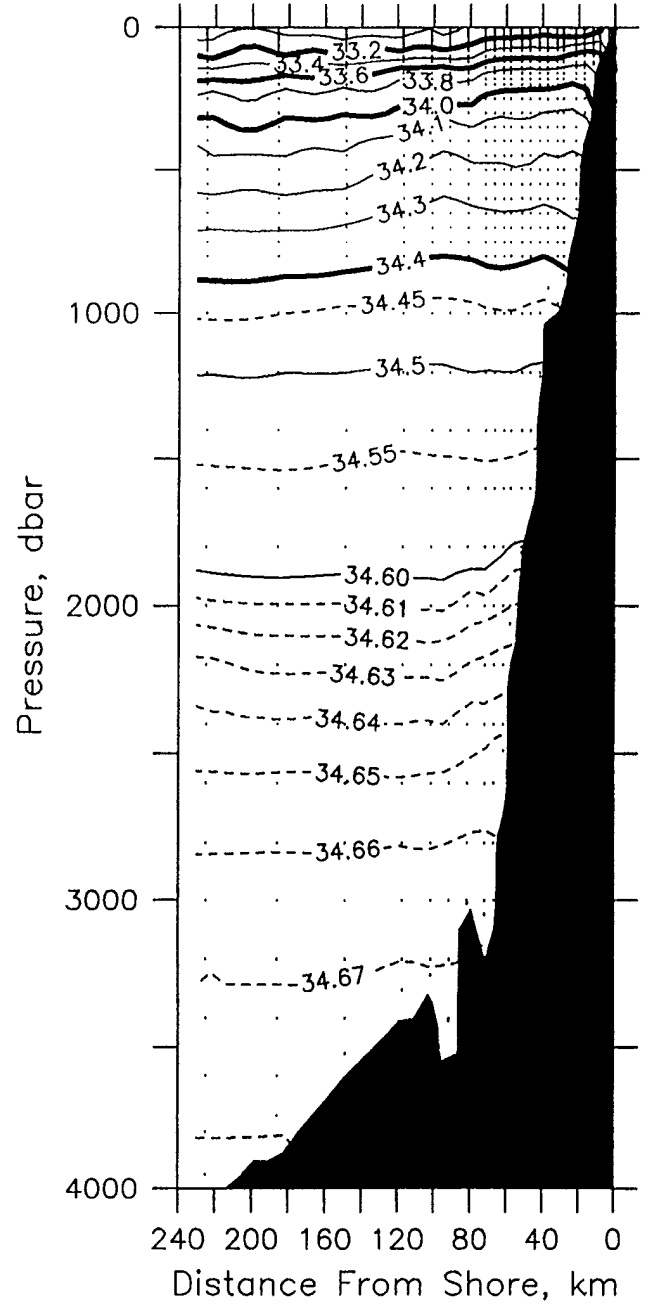
Temperature, deg C: February 1991



Salinity February 1991



Temperature, deg C: April 1991

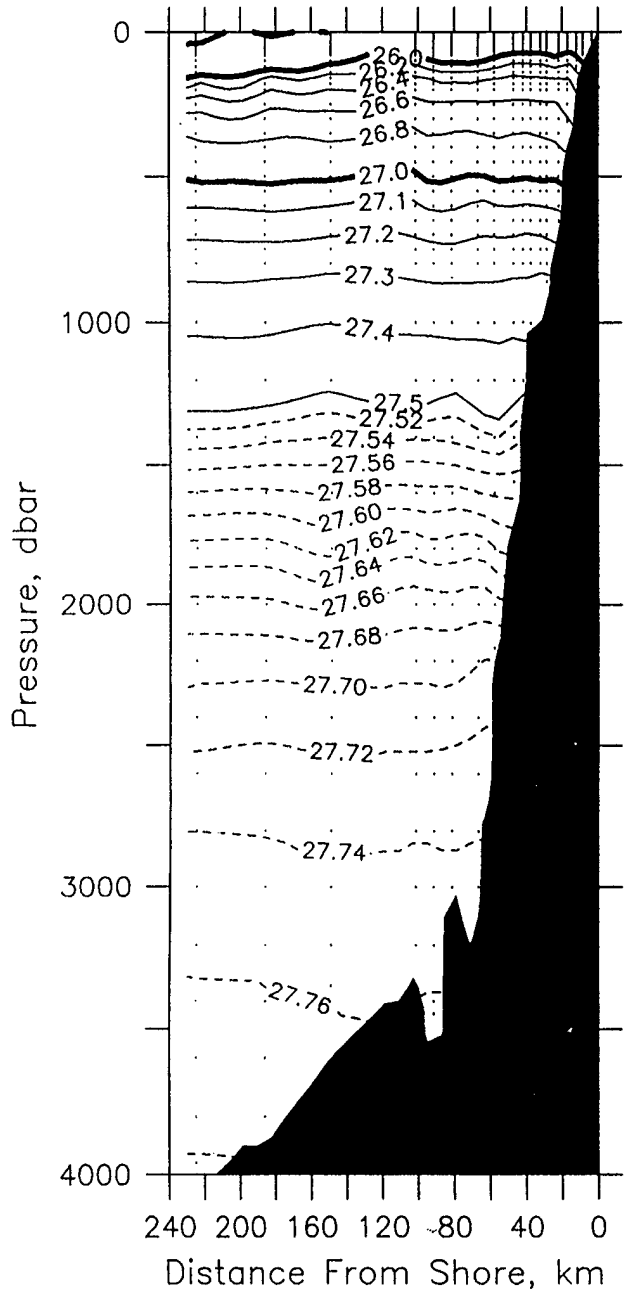


Salinity April 1991

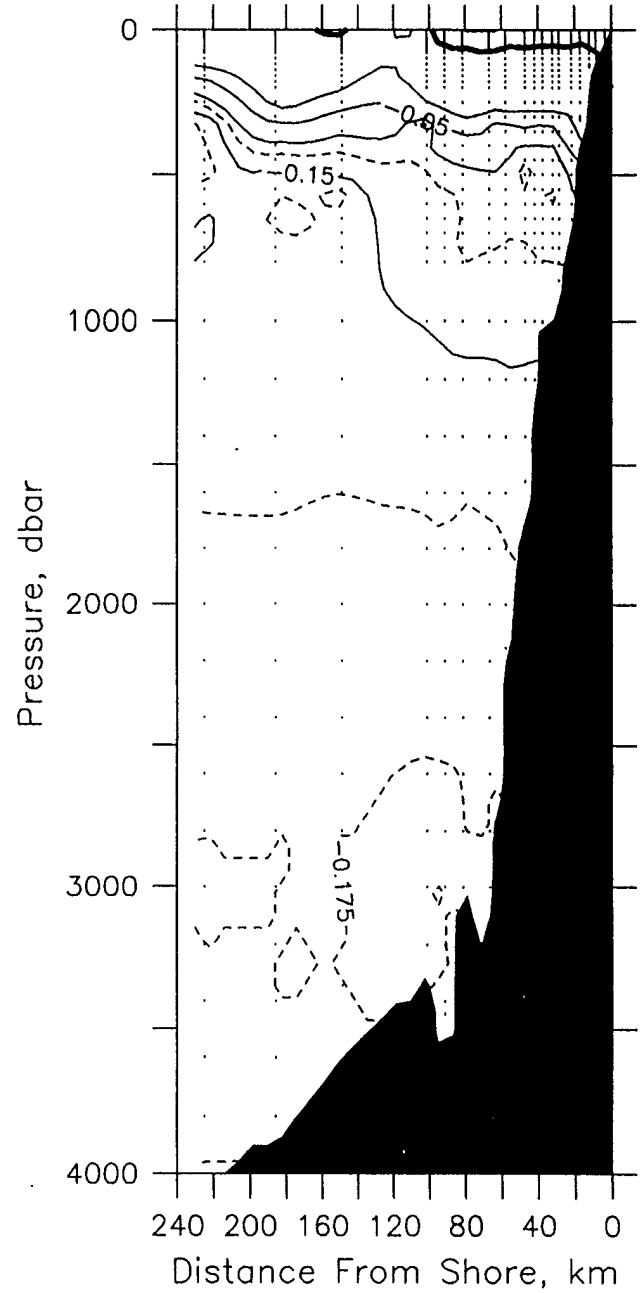
8.0.4 Individual Section Charts: Density Anomaly and Spiciness

Cruise	Page
April 1988	79-80
August 1988	81
September 1988	82
November 1988	83
February 1989	84
March 1989	85
May 1989	86
July 1989	87
September 1989	88
November 1989	89
January 1990	90
March 1990	91
May 1990	92
June 1990	93
August 1990	94
October 1990	95
December 1990	96
February 1991	97
April 1991	98

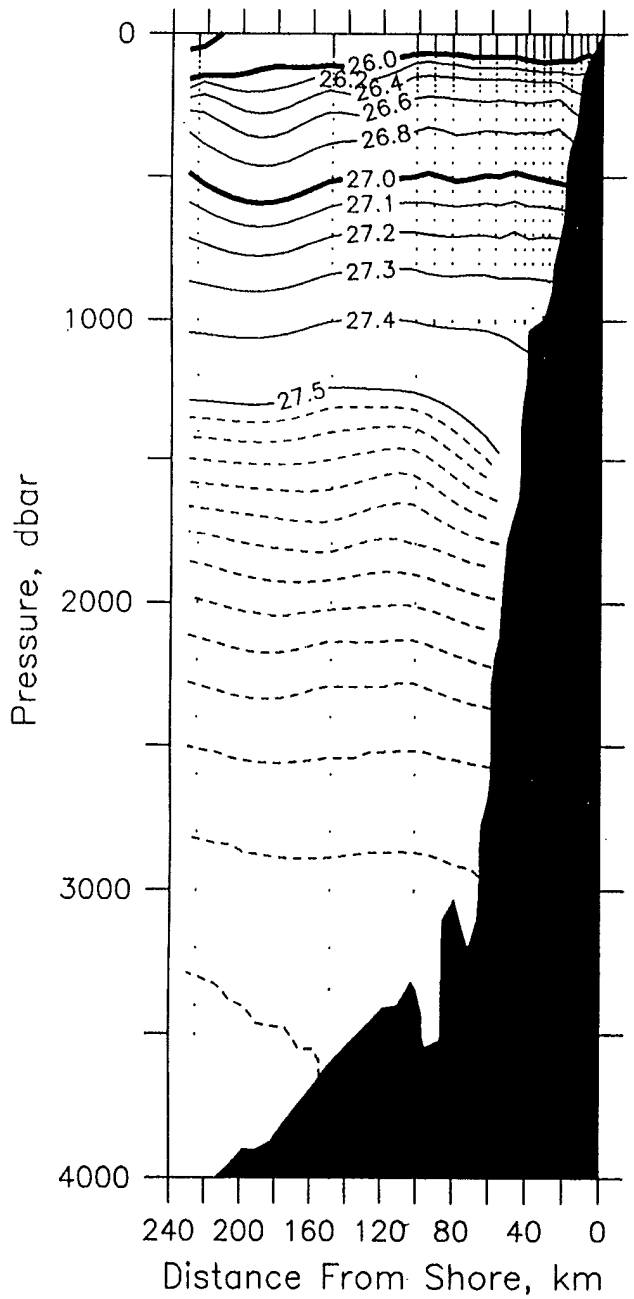
(This page left blank intentionally.)



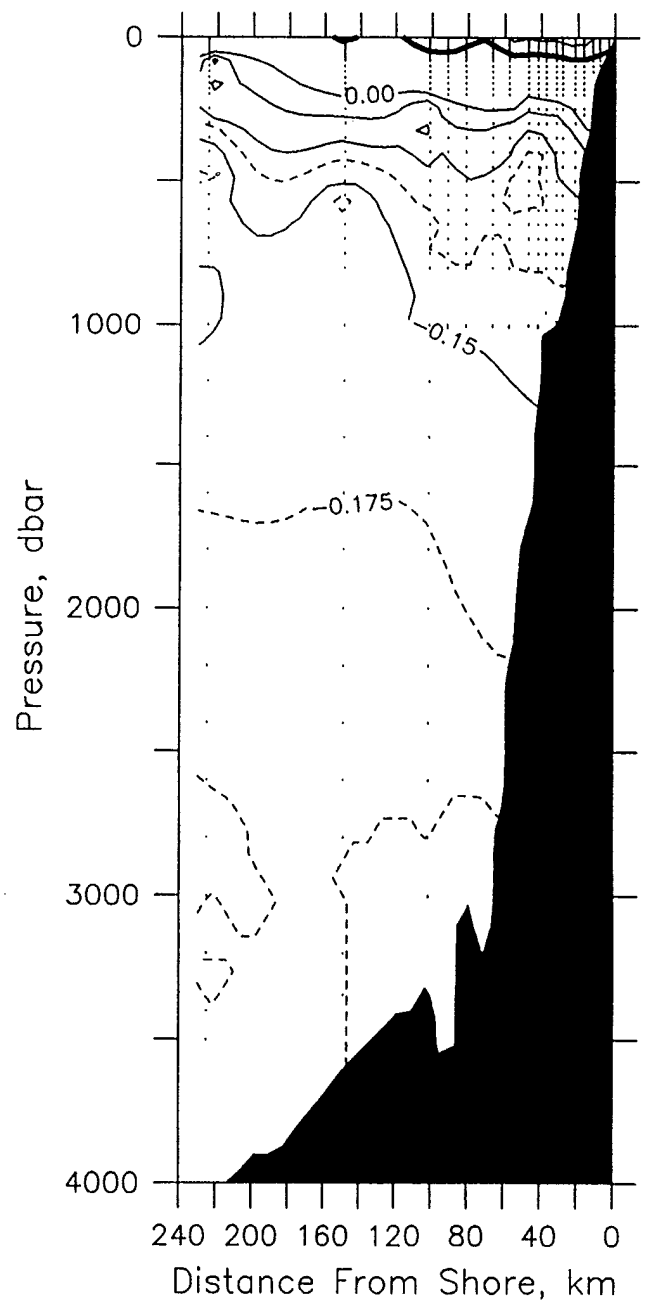
Density Anomaly: April 1988A



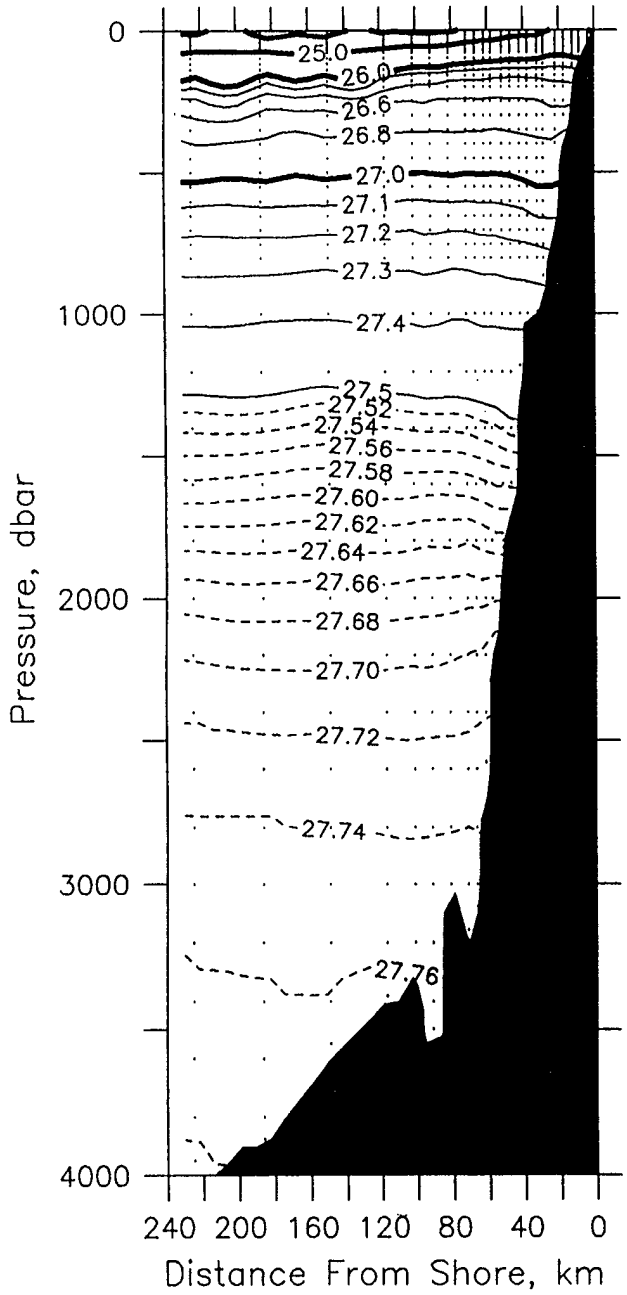
Spiciness: April 1988A



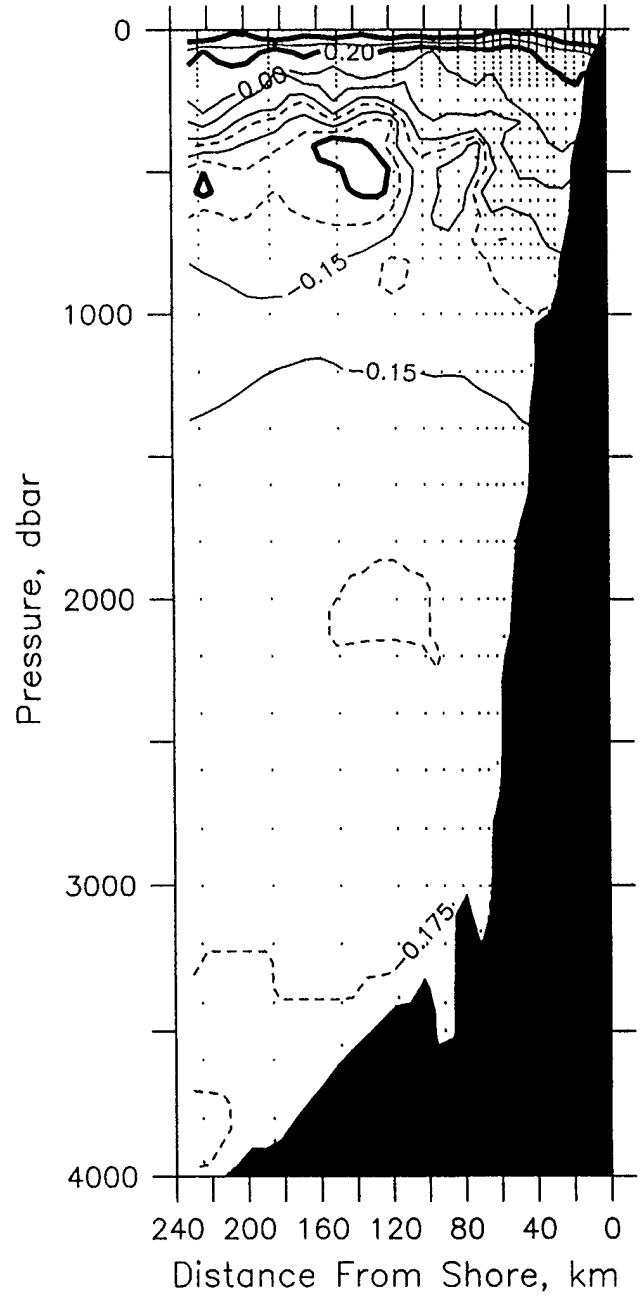
Density Anomaly: April 1988B



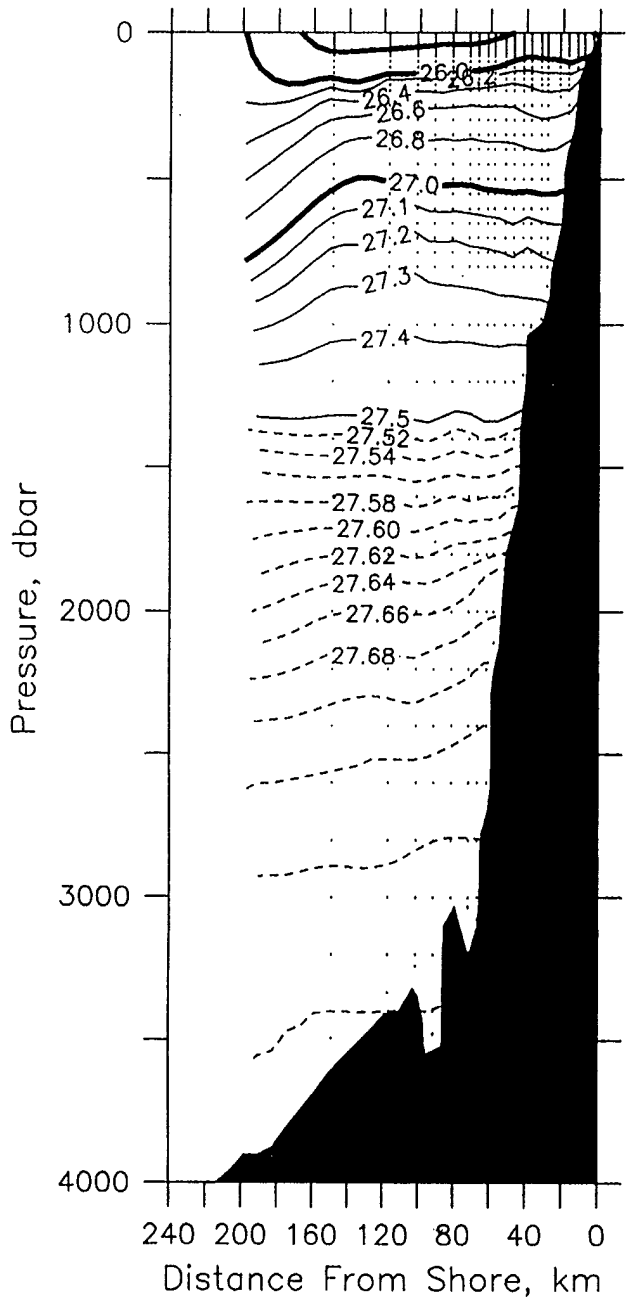
Spiciness: April 1988B



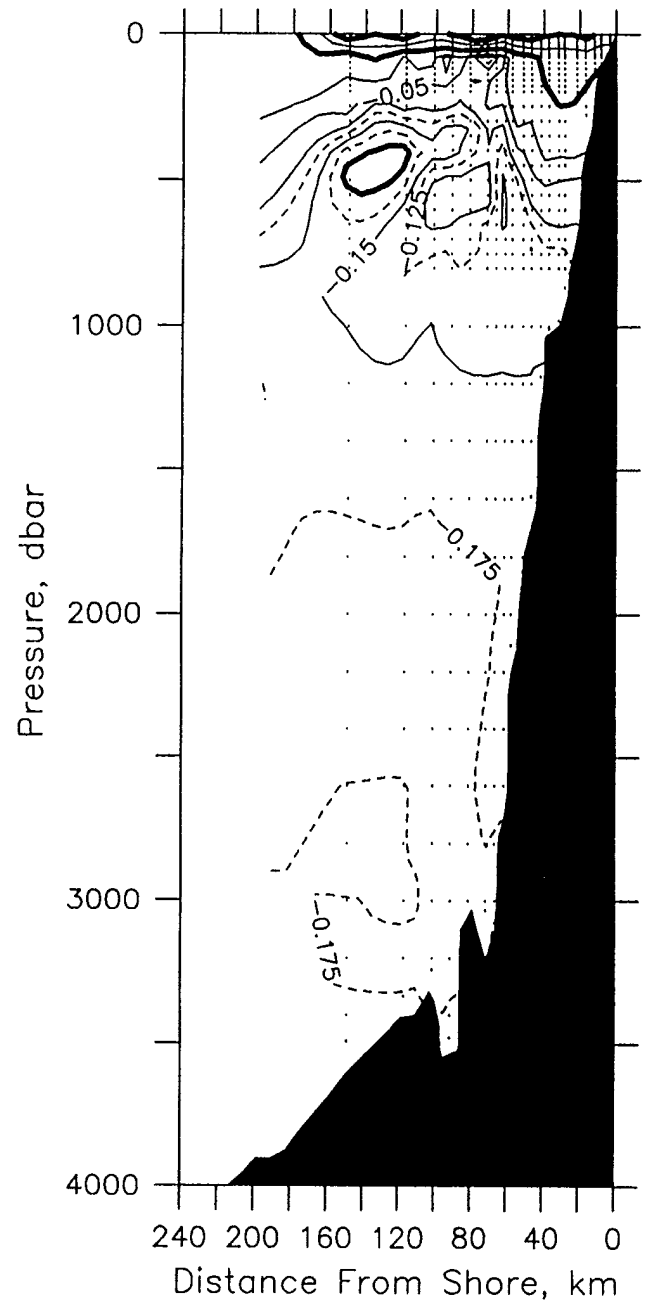
Density Anomaly: August 1988



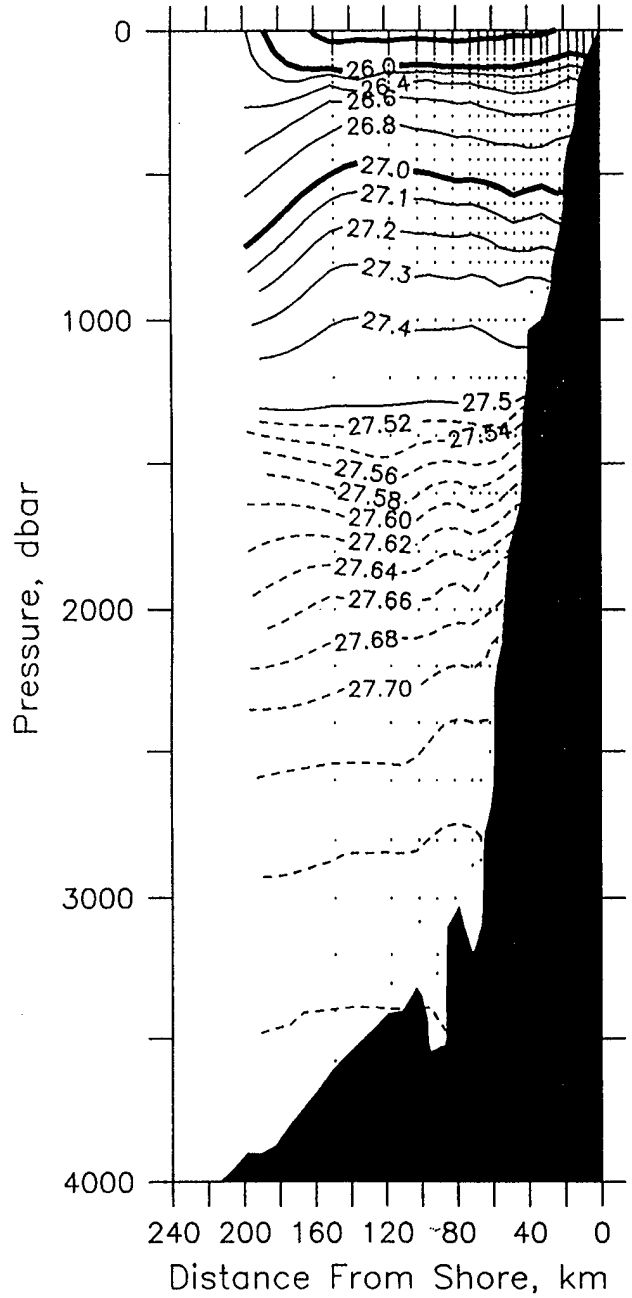
Spiciness: August 1988



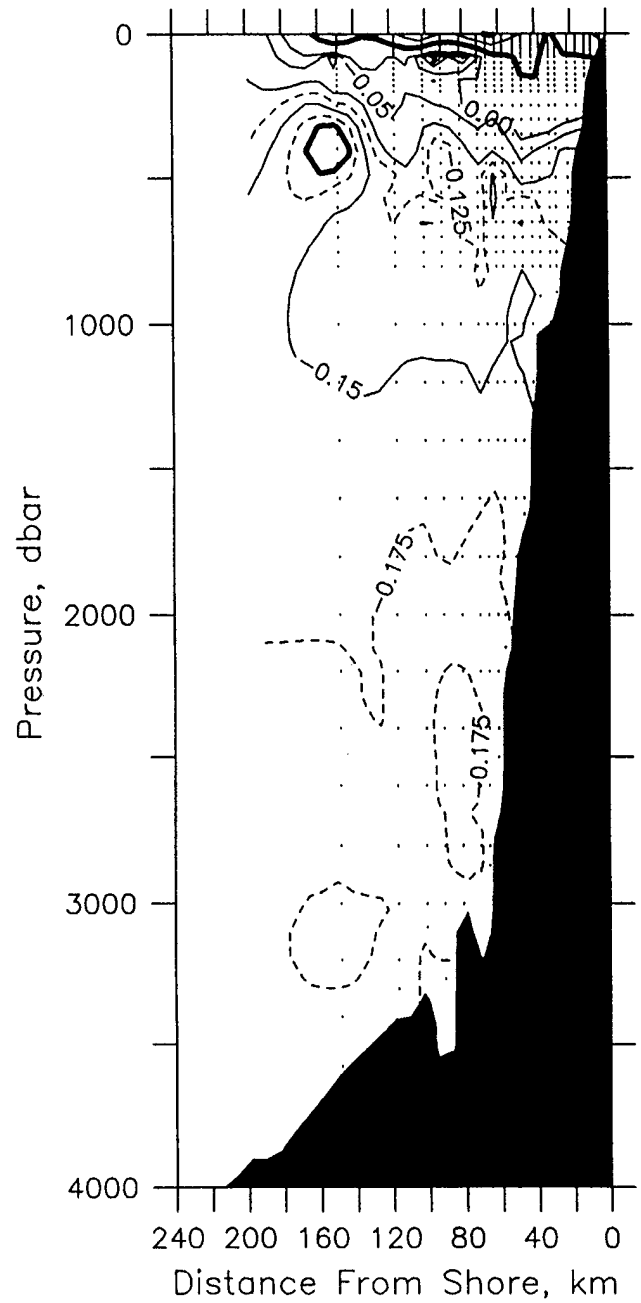
Density Anomaly: September 1988



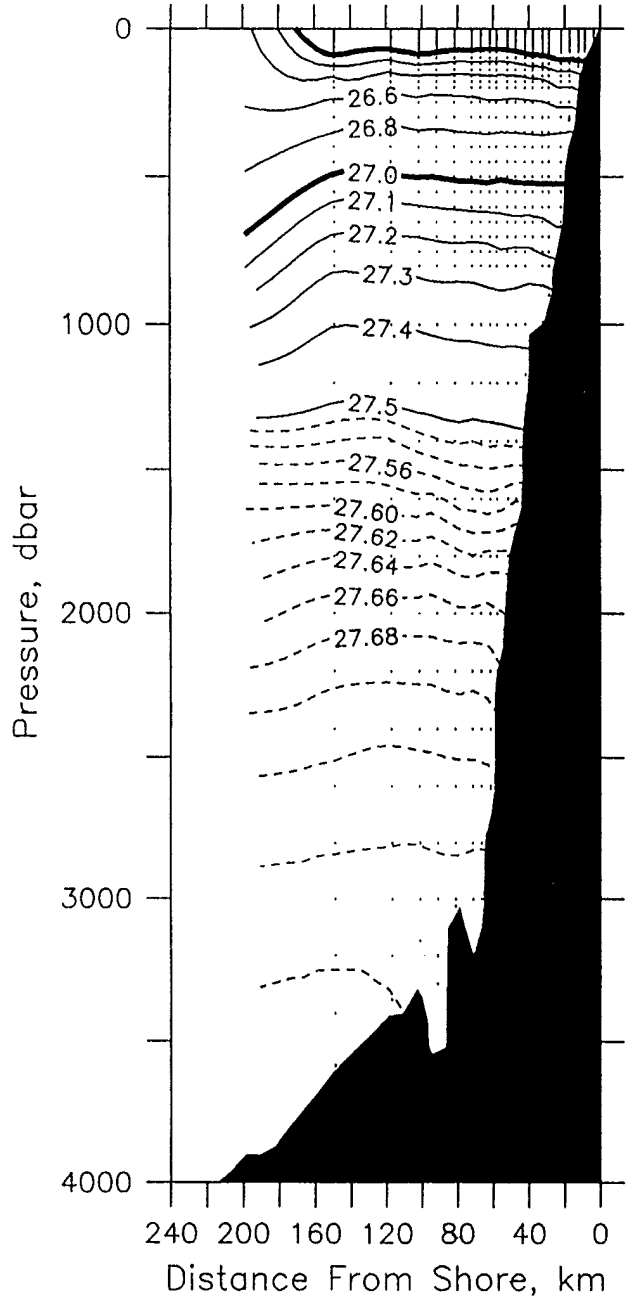
Spiciness: September 1988



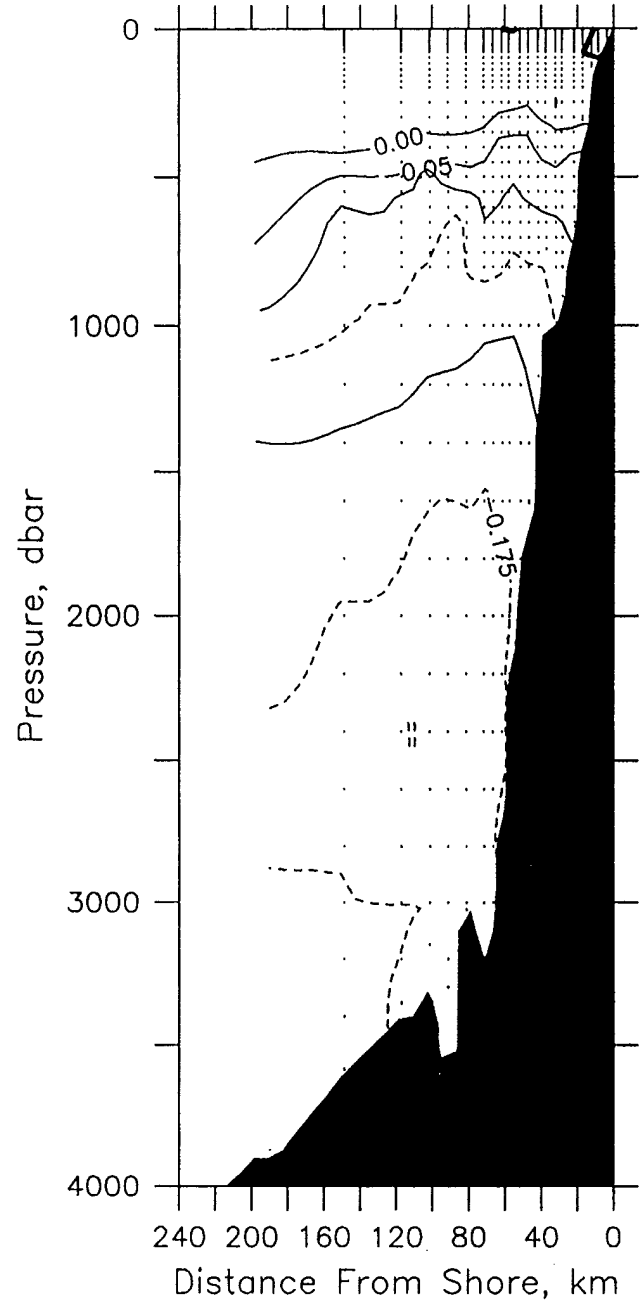
Density Anomaly: November 1988



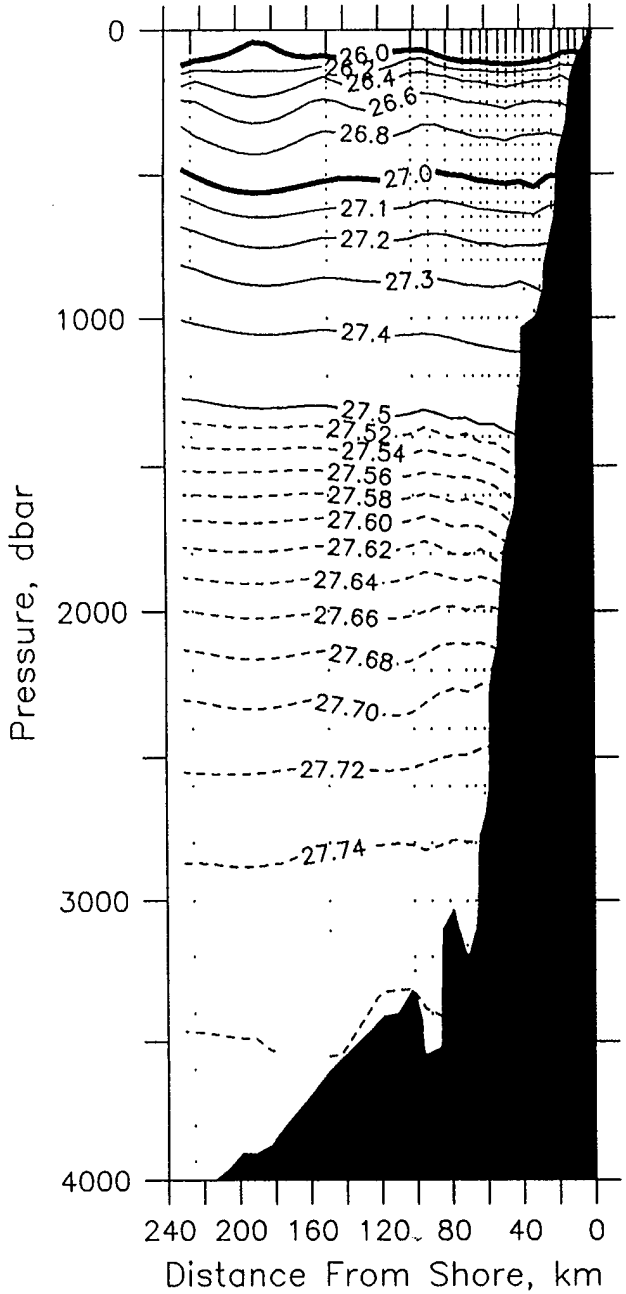
Spiciness: November 1988



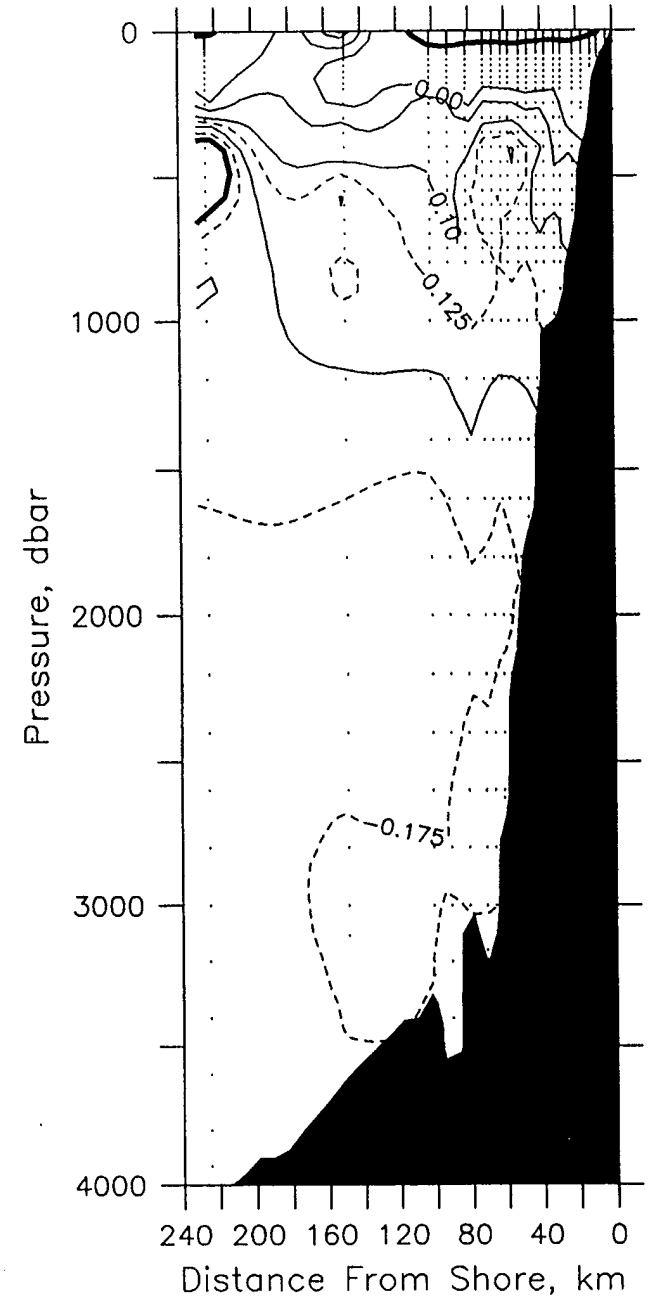
Density Anomaly: February 1989



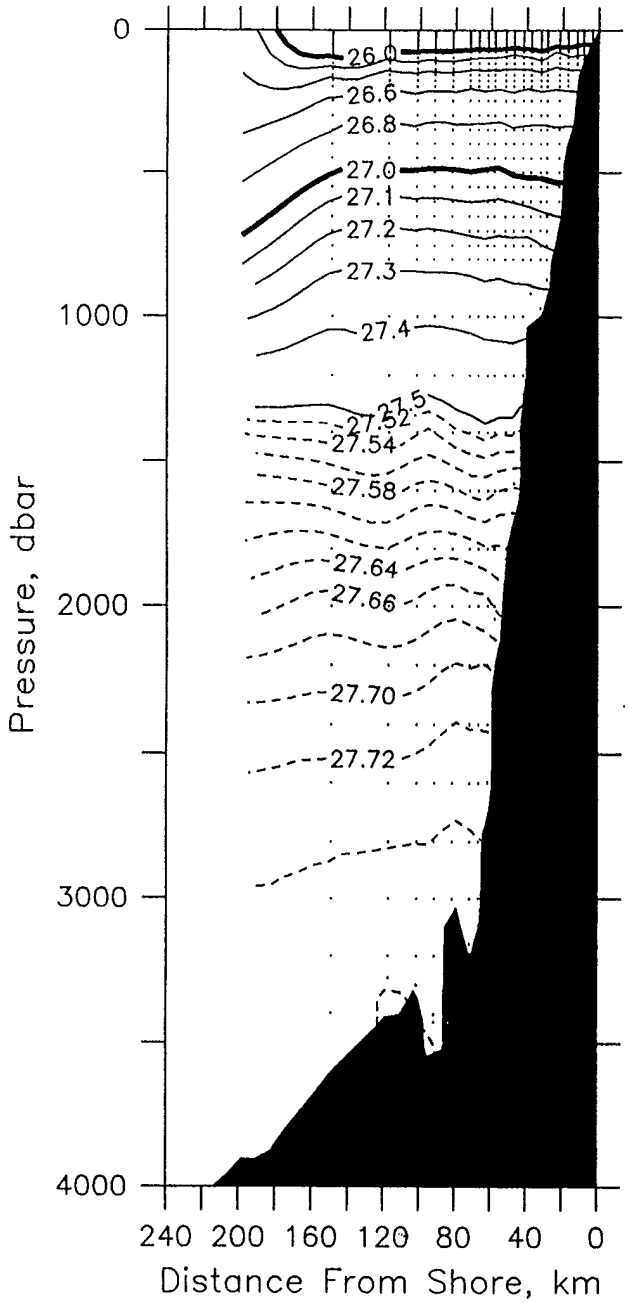
Spiciness: February 1989



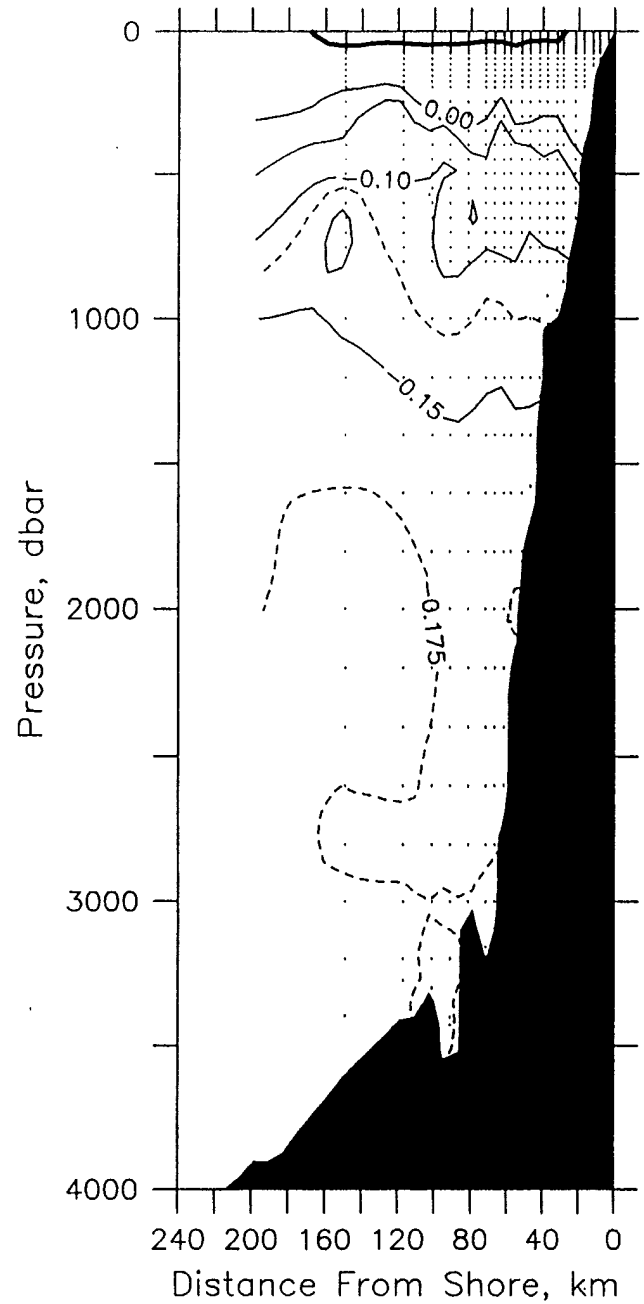
Density Anomaly: March 1989



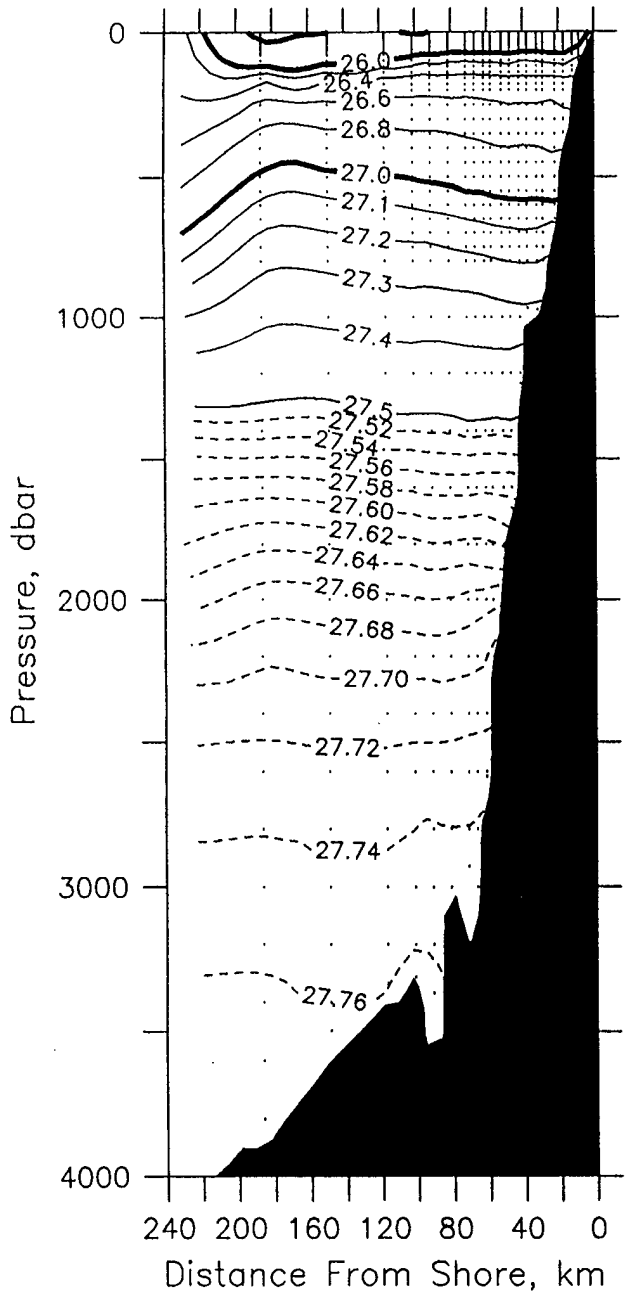
Spiciness: March 1989



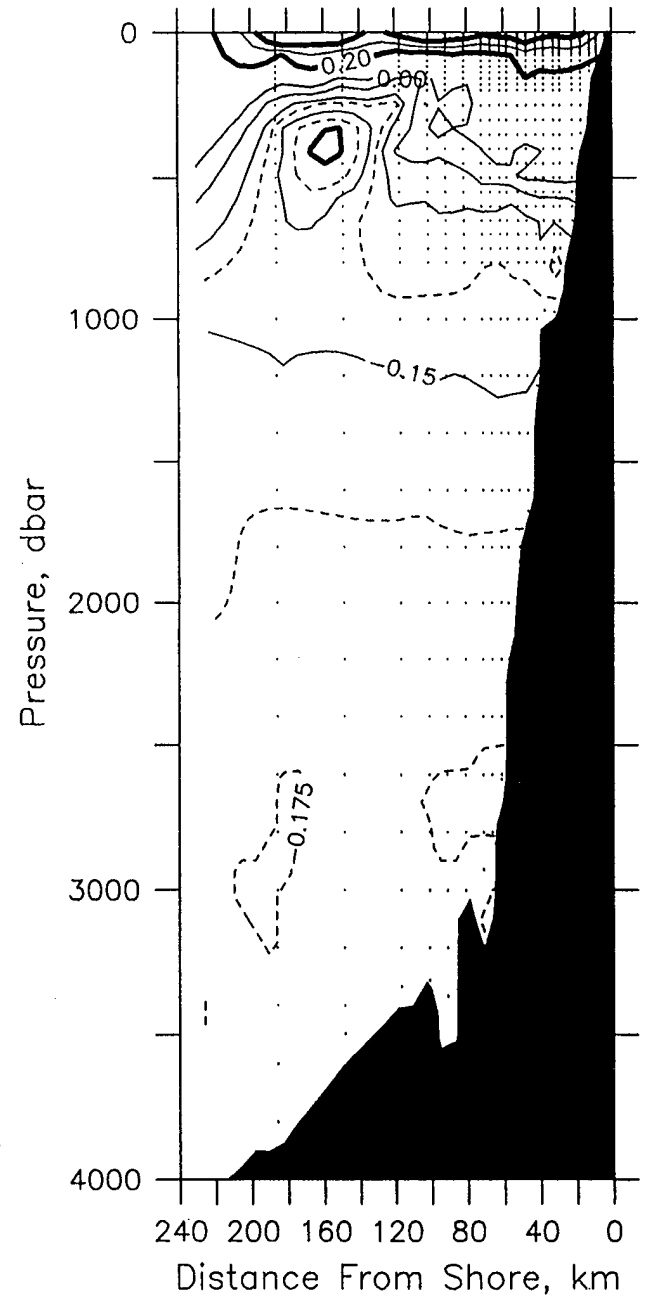
Density Anomaly: May 1989



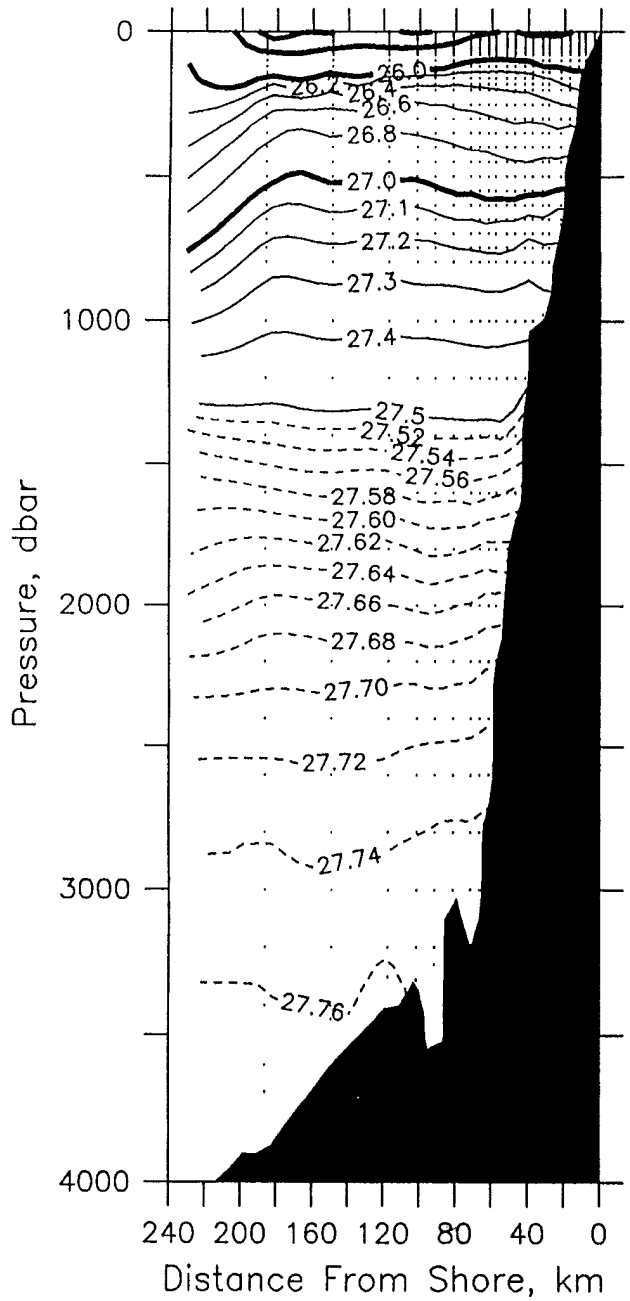
Spiciness: May 1989



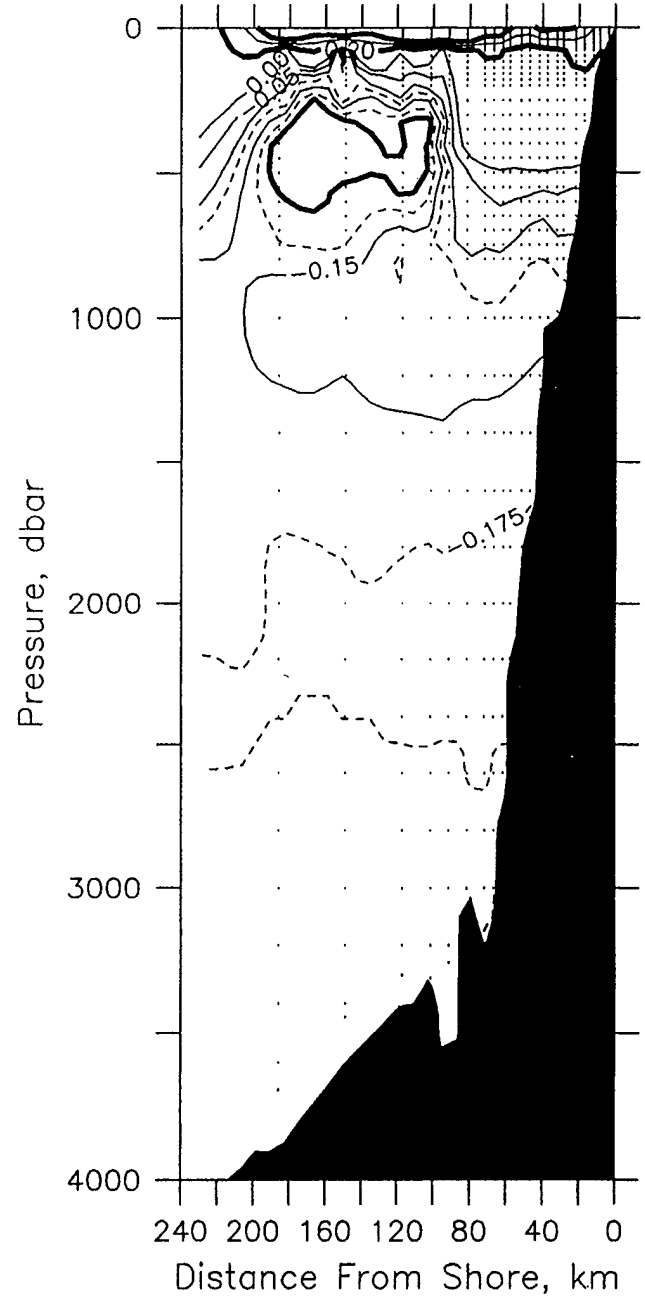
Density Anomaly: July 1989



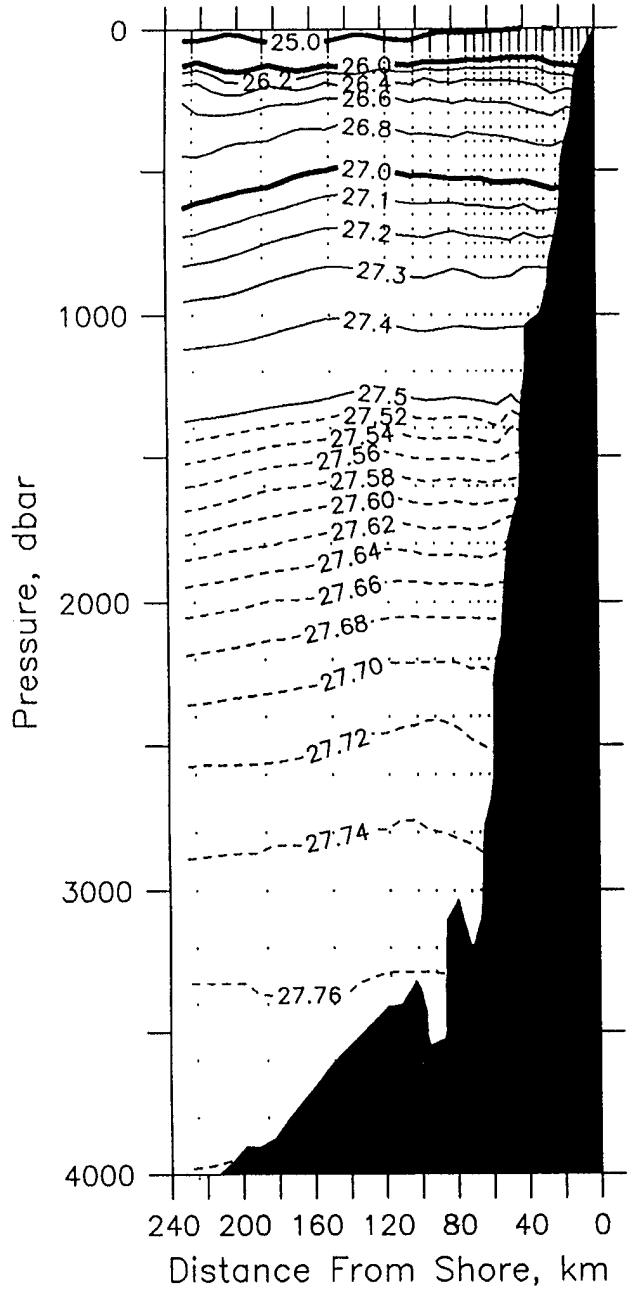
Spiciness: July 1989



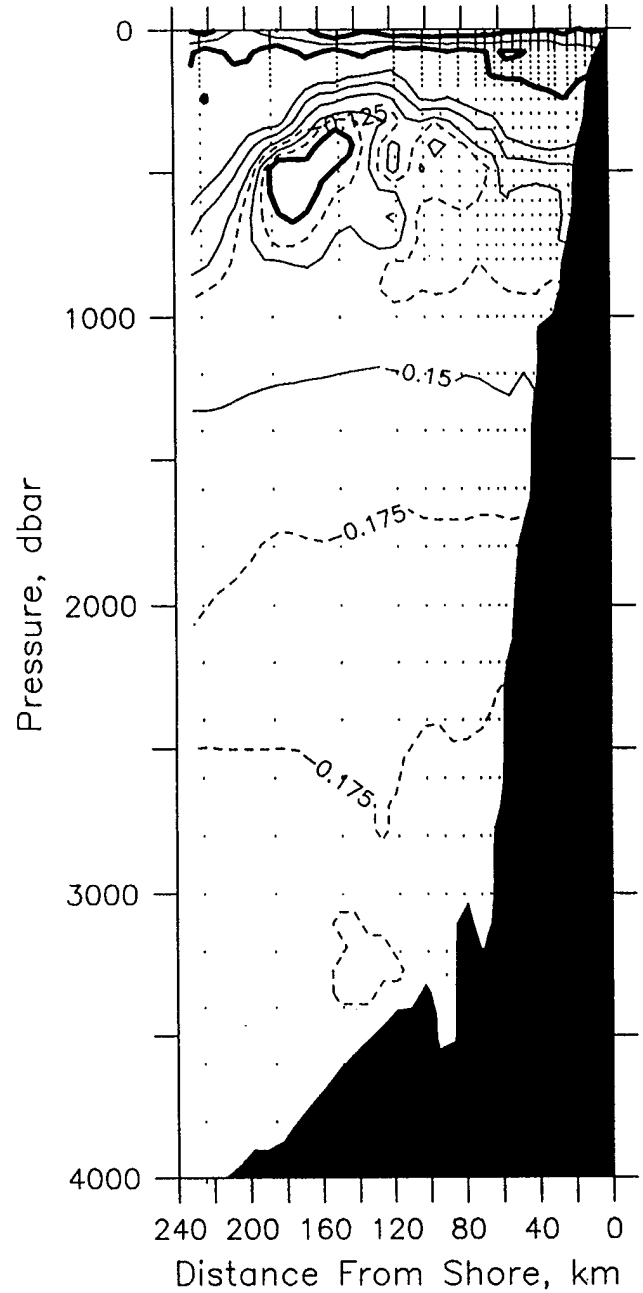
Density Anomaly: September 1989



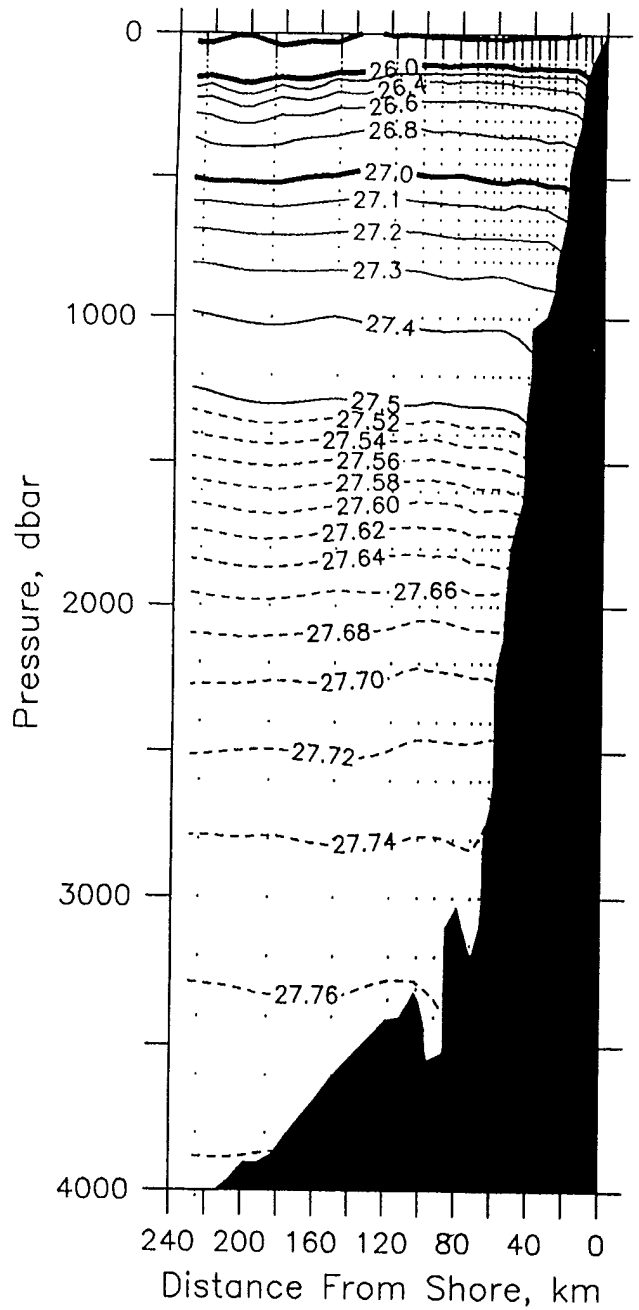
Spiciness: September 1989



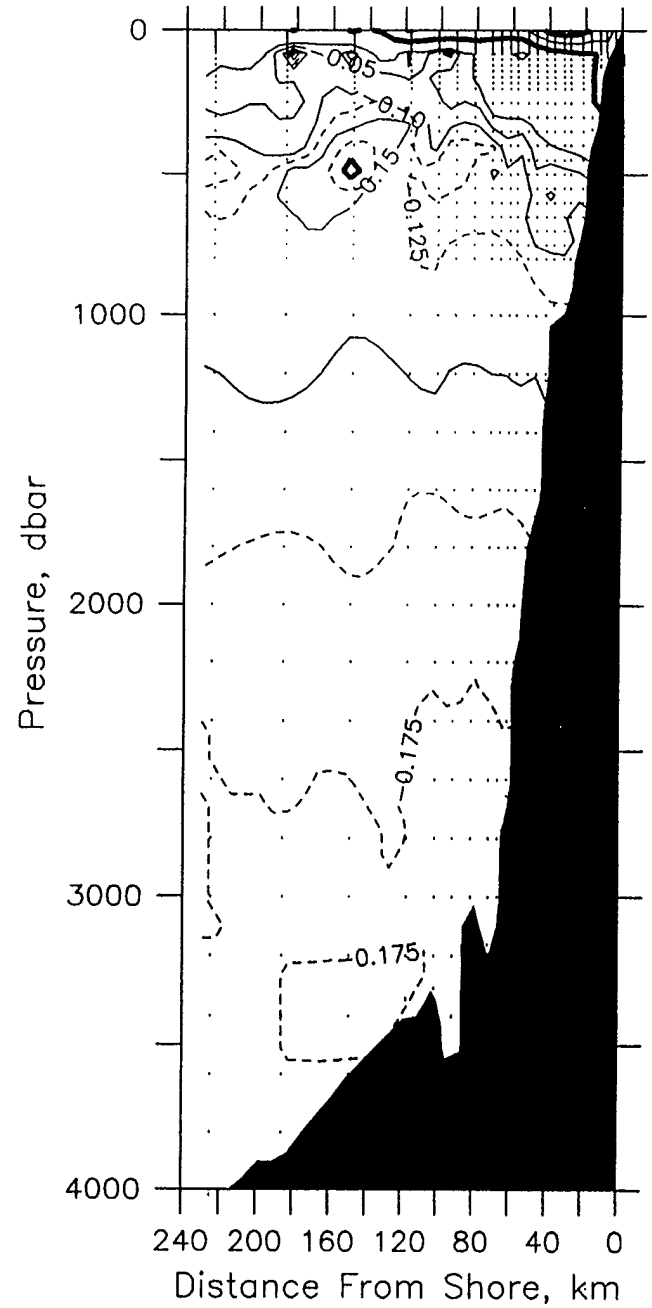
Density Anomaly: November 1989



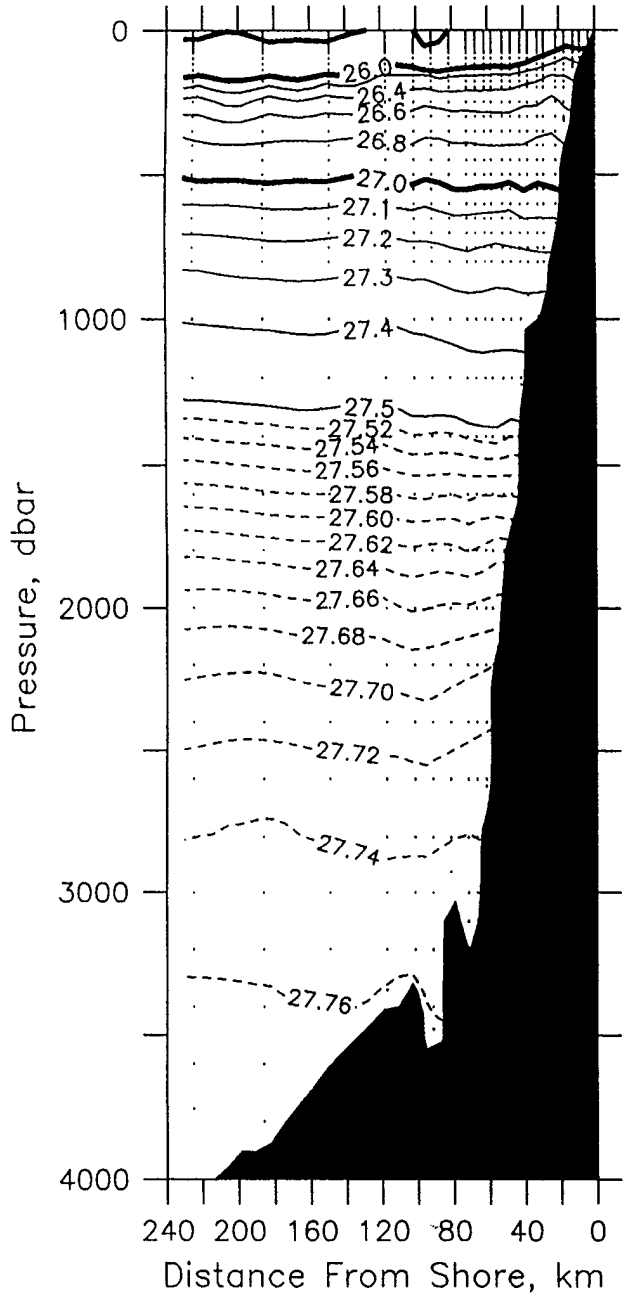
Spiciness: November 1989



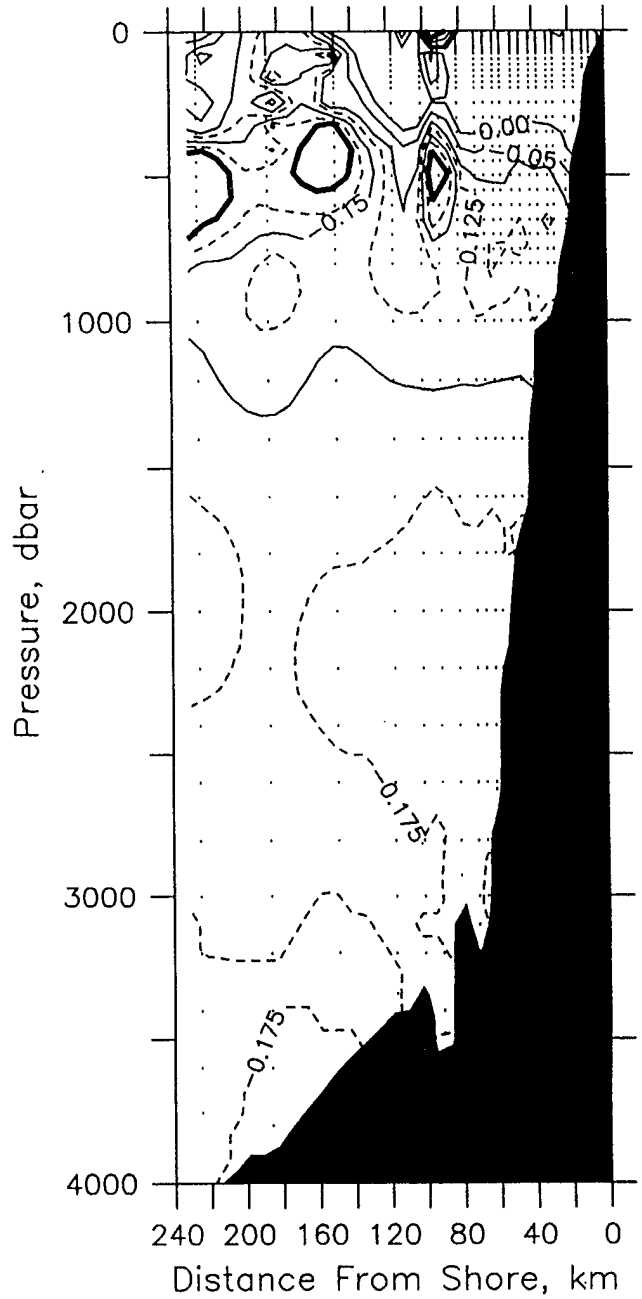
Density Anomaly: January 1990



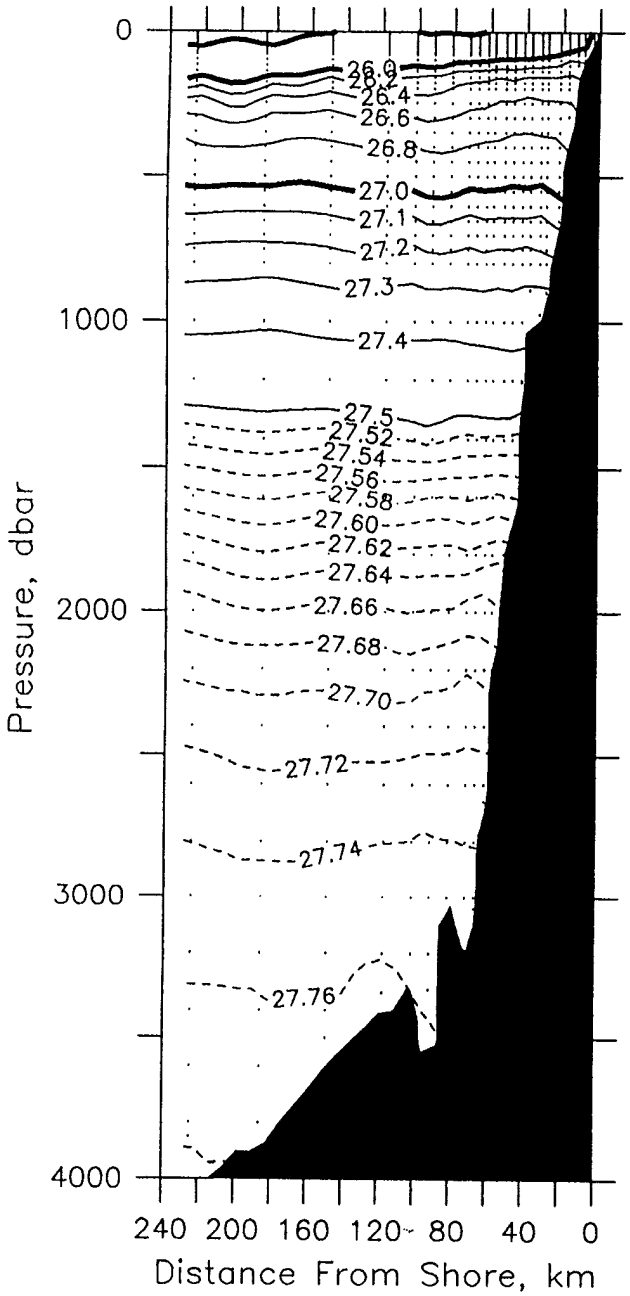
Spiciness: January 1990



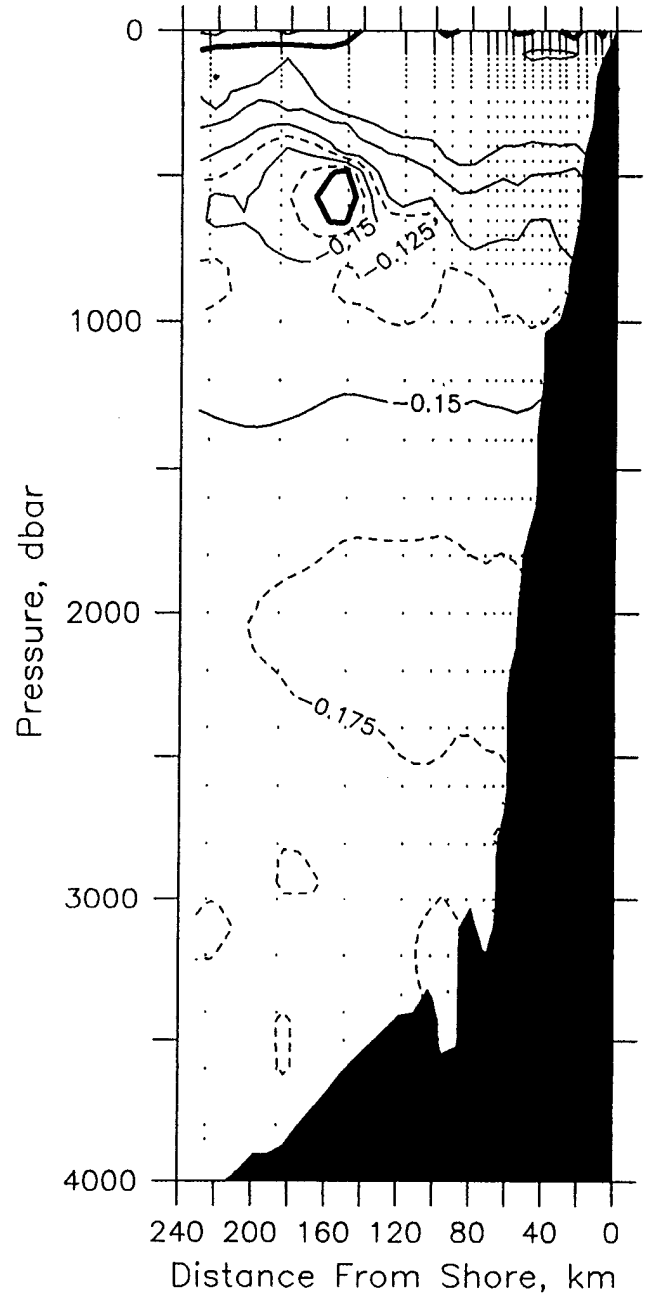
Density Anomaly: March 1990



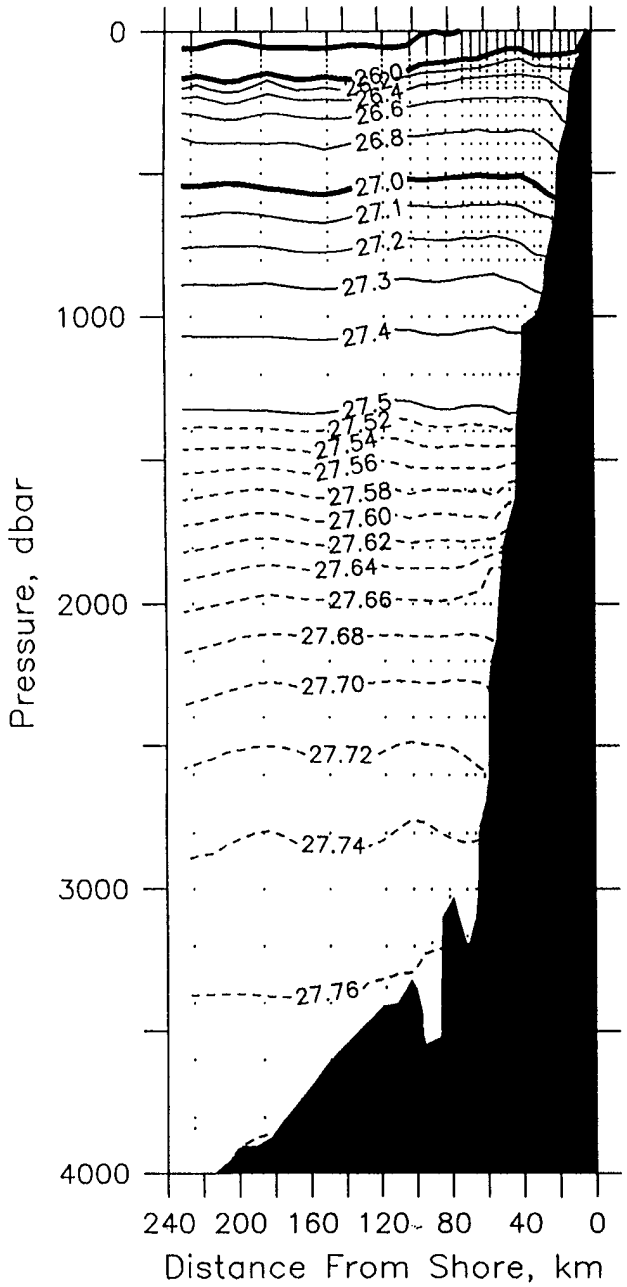
Spiciness: March 1990



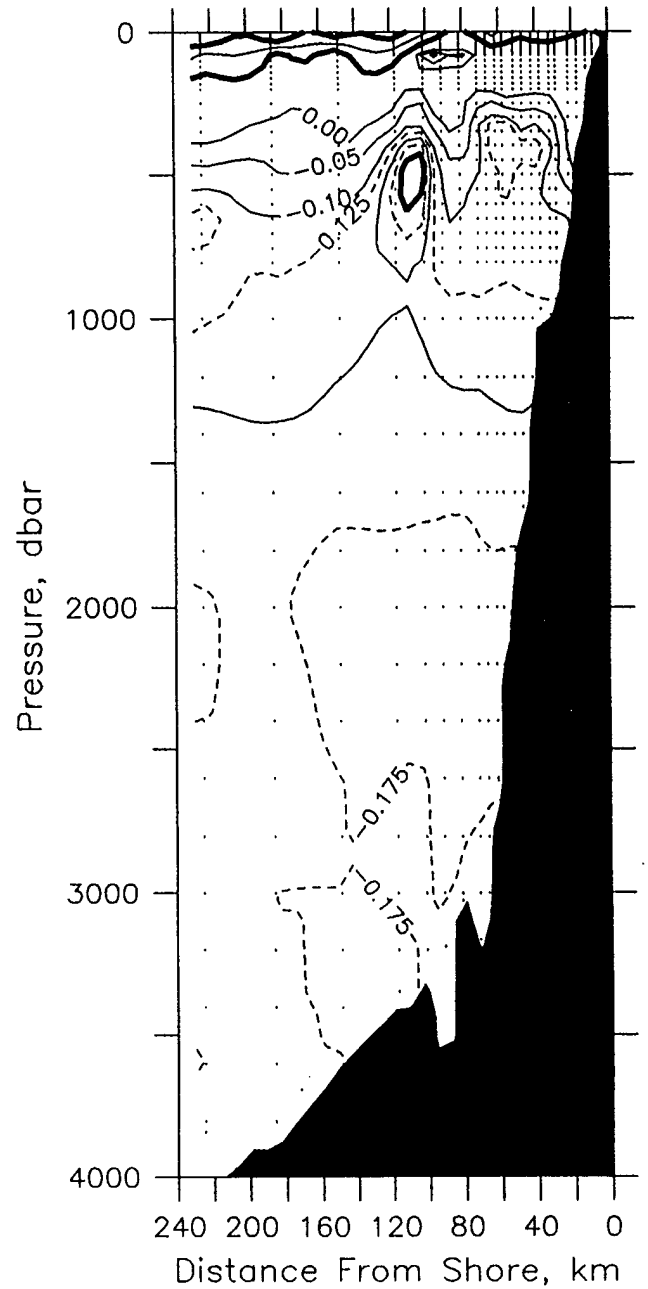
Density Anomaly: May 1990



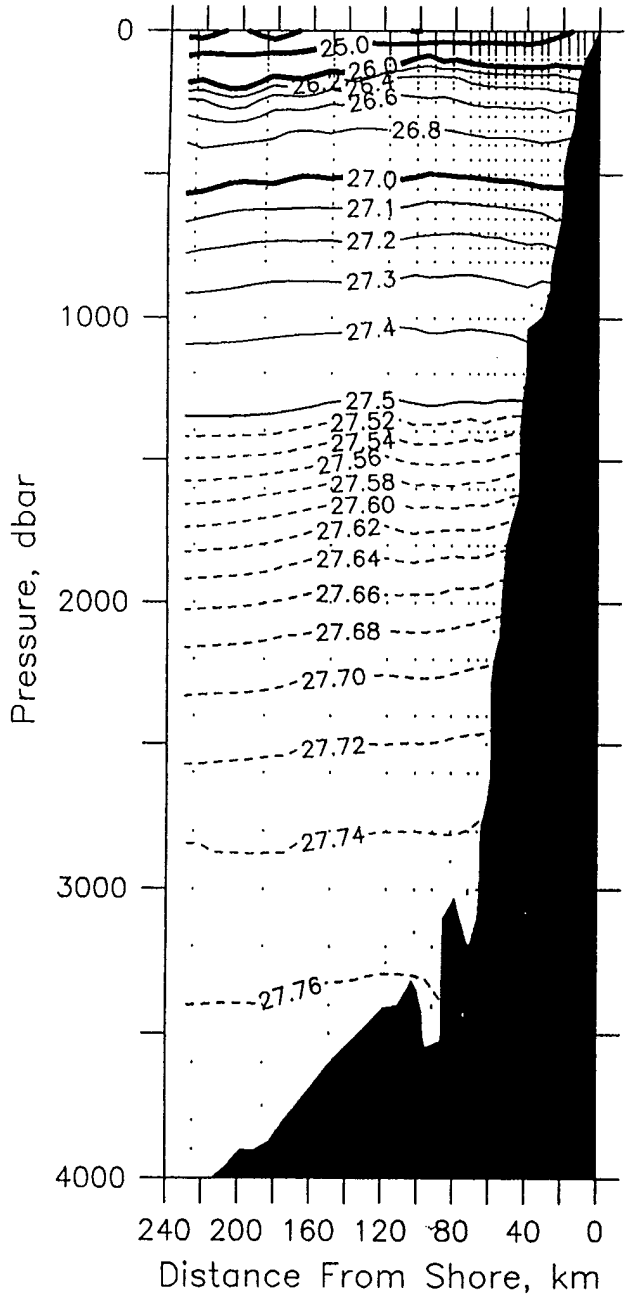
Spiciness: May 1990



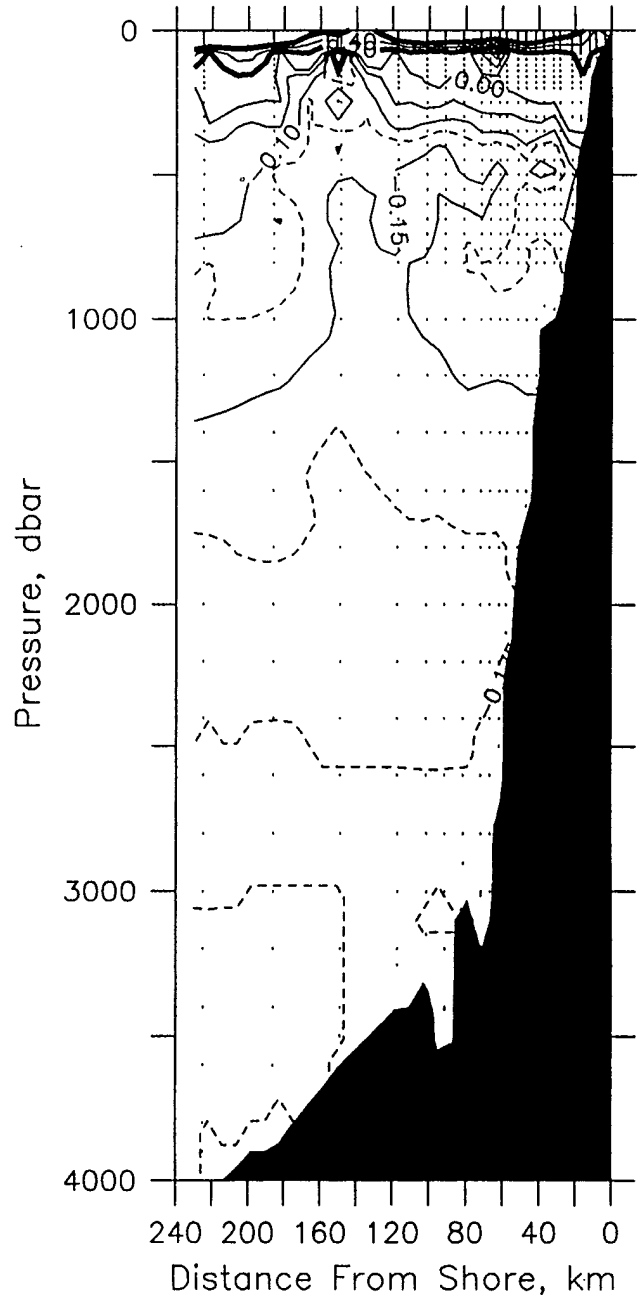
Density Anomaly: June 1990



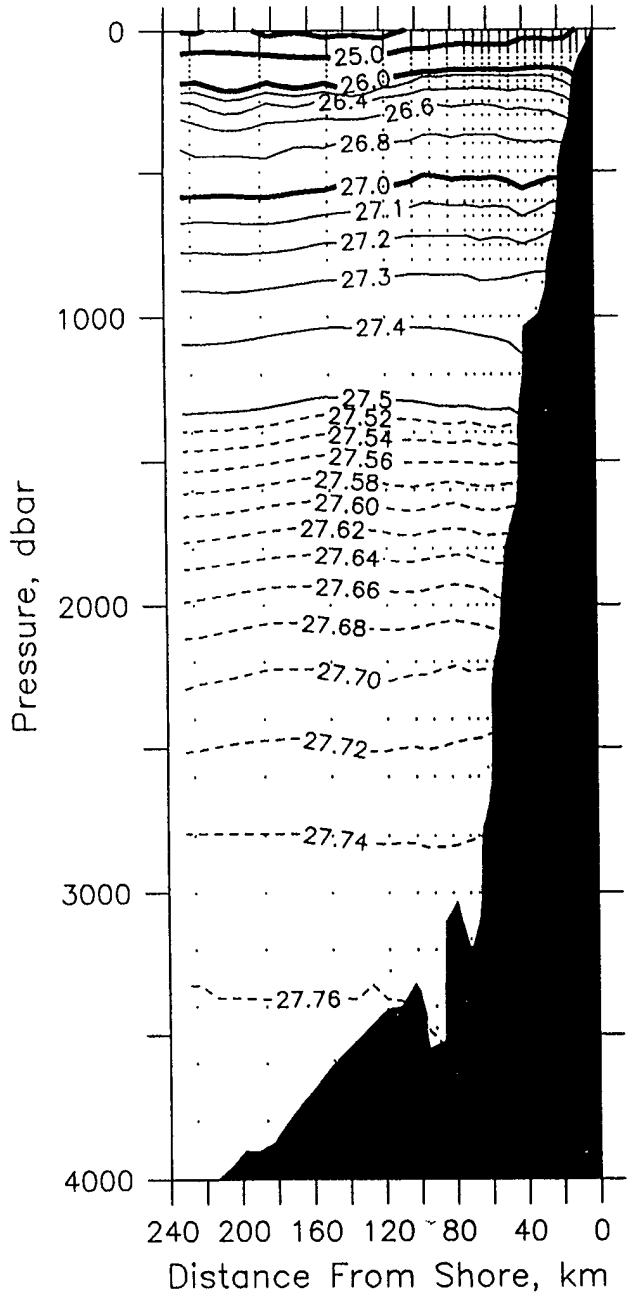
Spiciness: June 1990



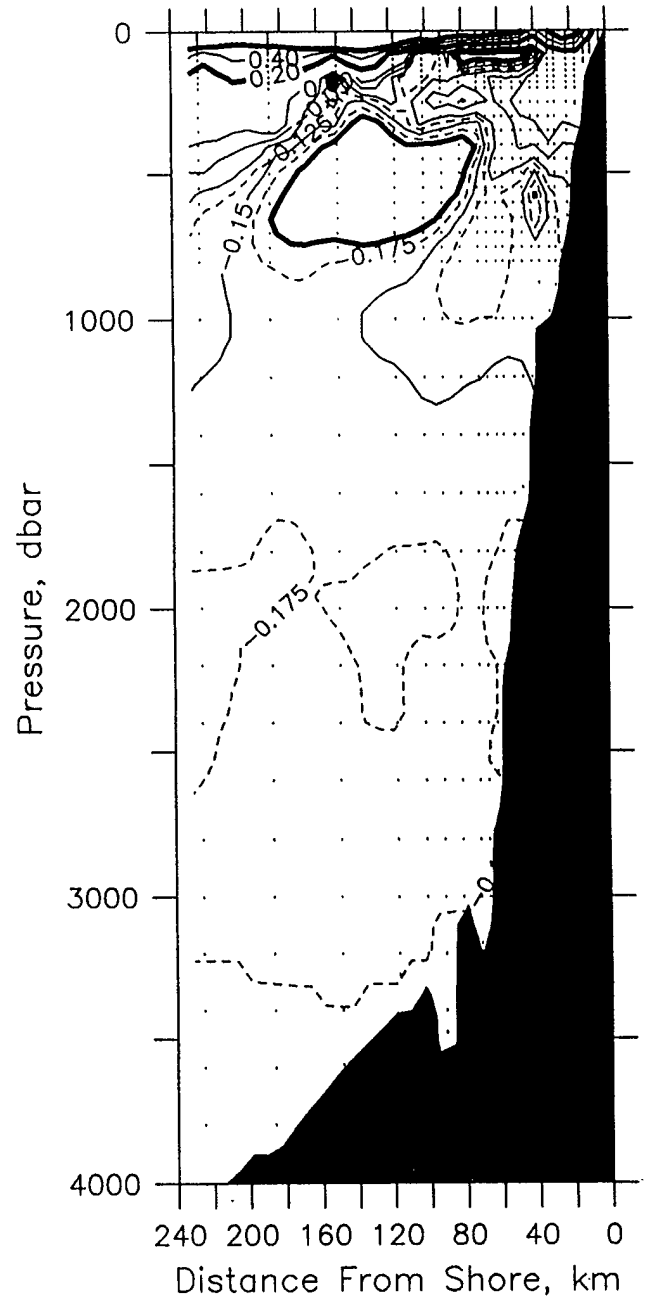
Density Anomaly: August 1990



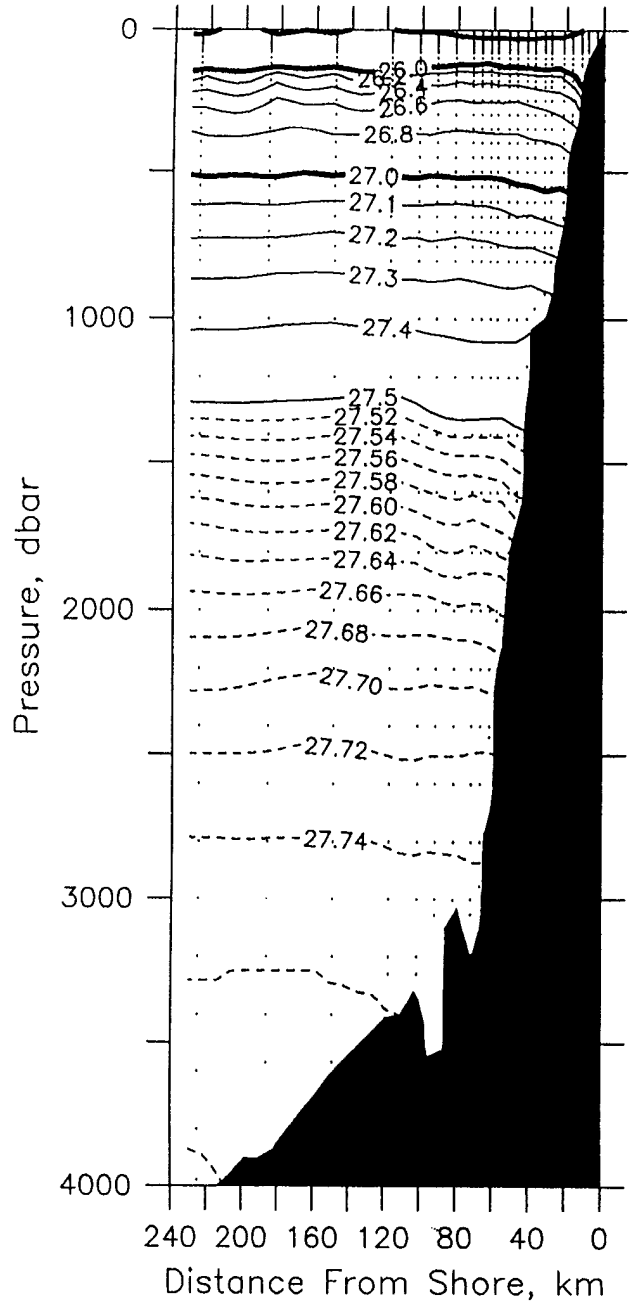
Spiciness: August 1990



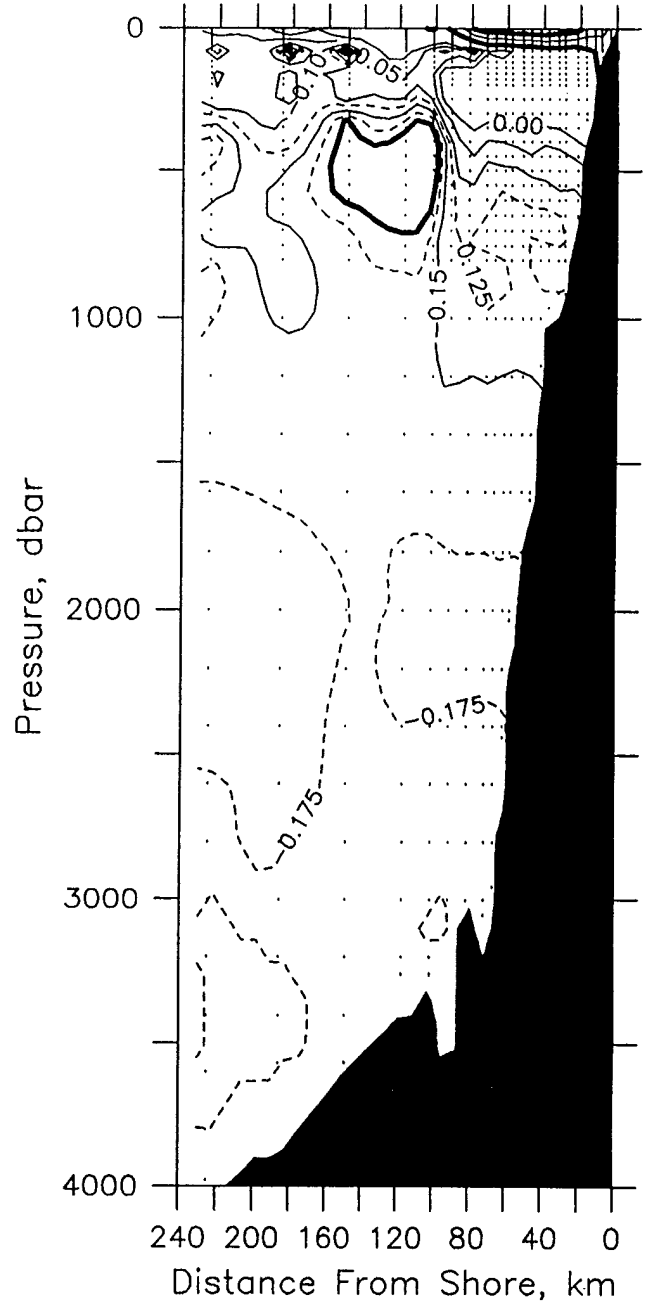
Density Anomaly: October 1990



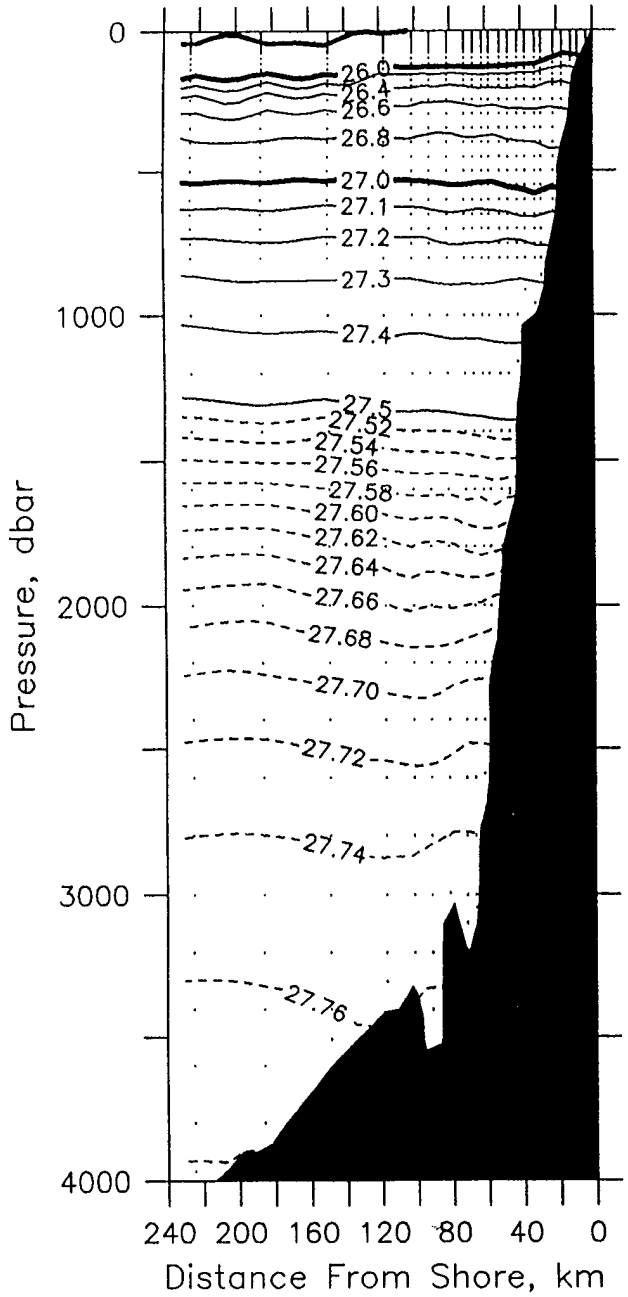
Spiciness: October 1990



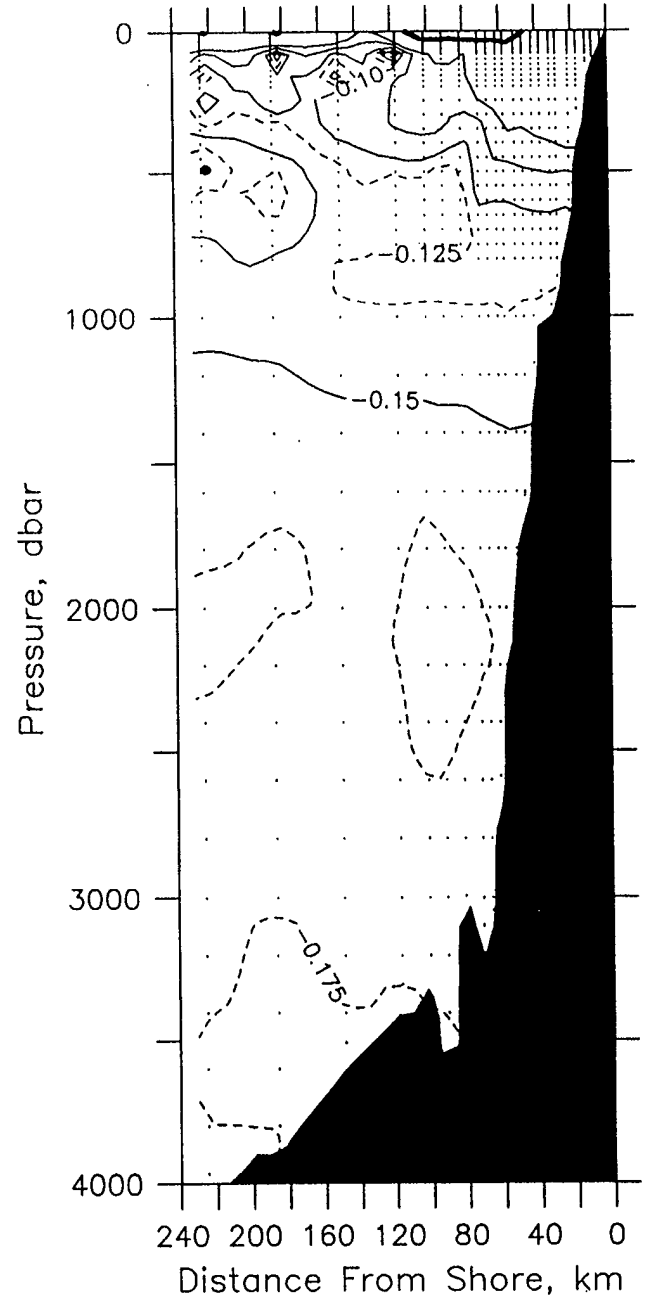
Density Anomaly: December 1990



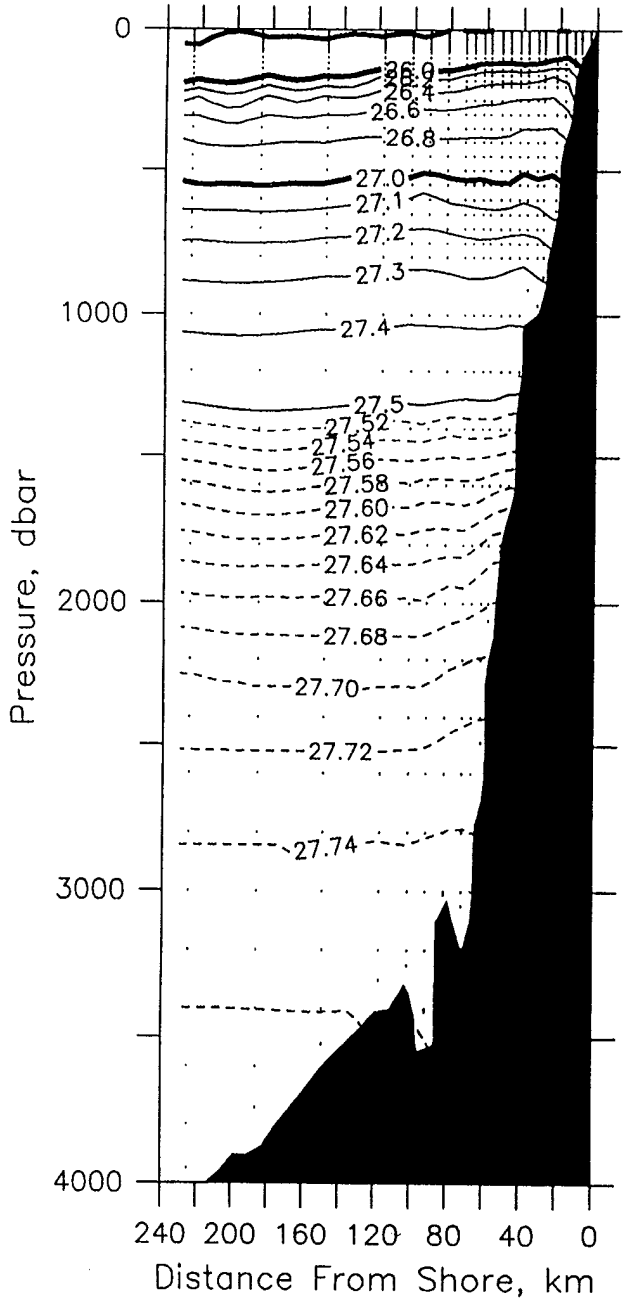
Spiciness: December 1990



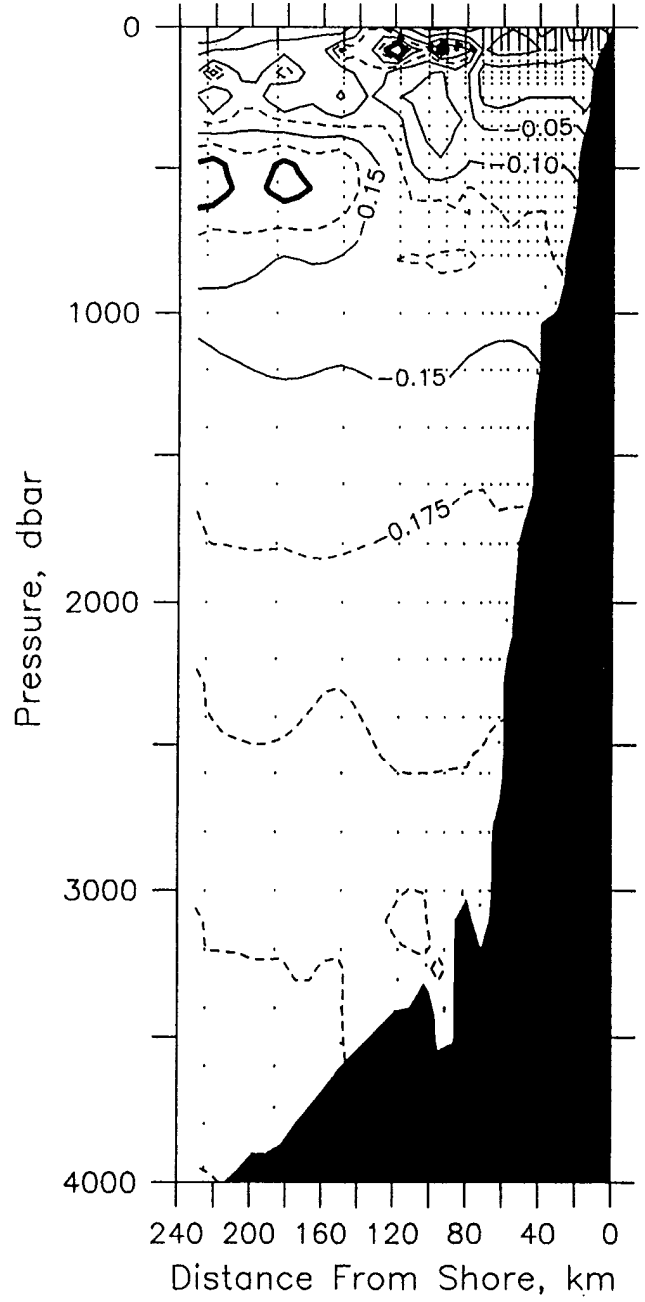
Density Anomaly: February 1991



Spiciness: February 1991



Density Anomaly: April 1991

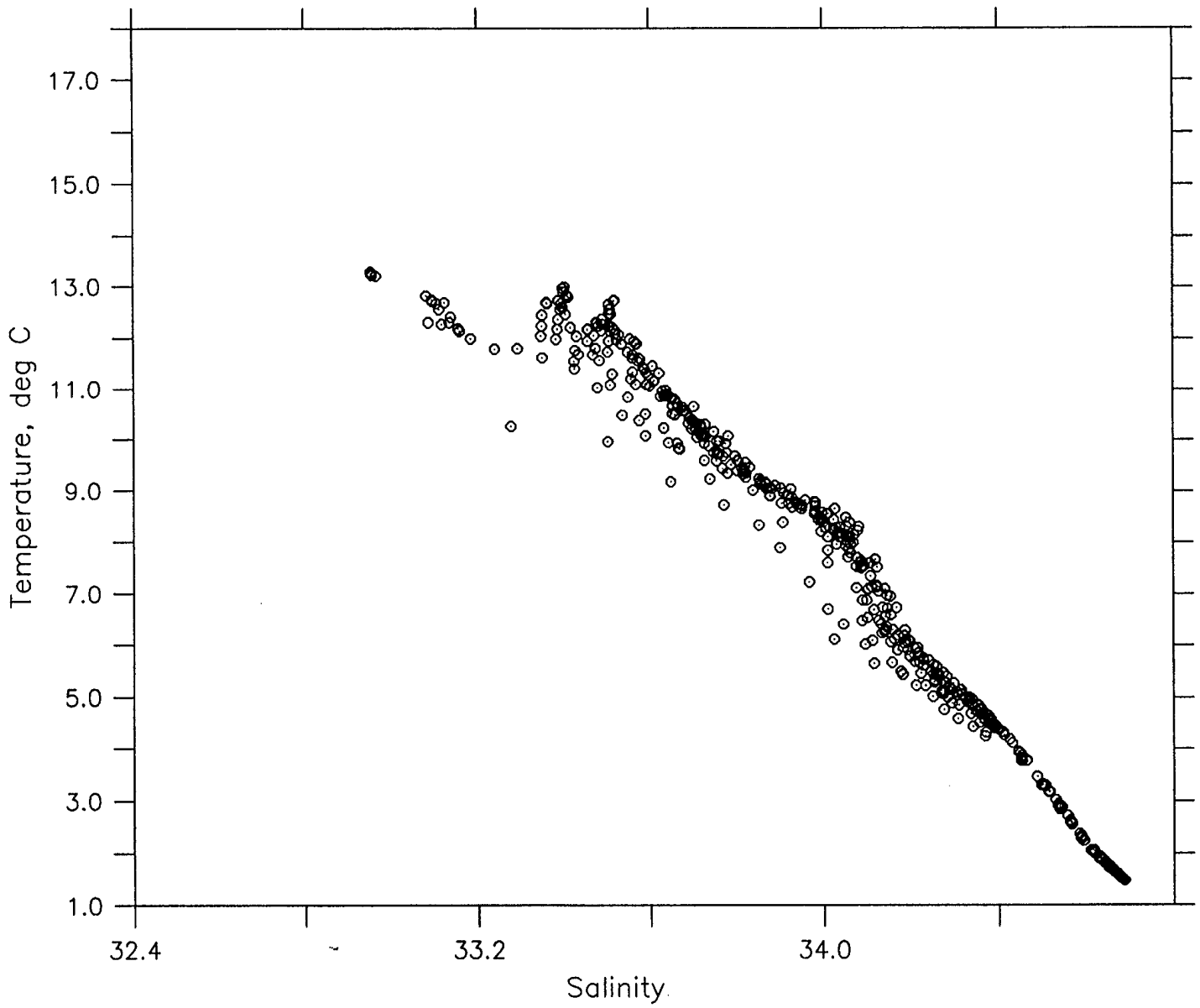


Spiciness: April 1991

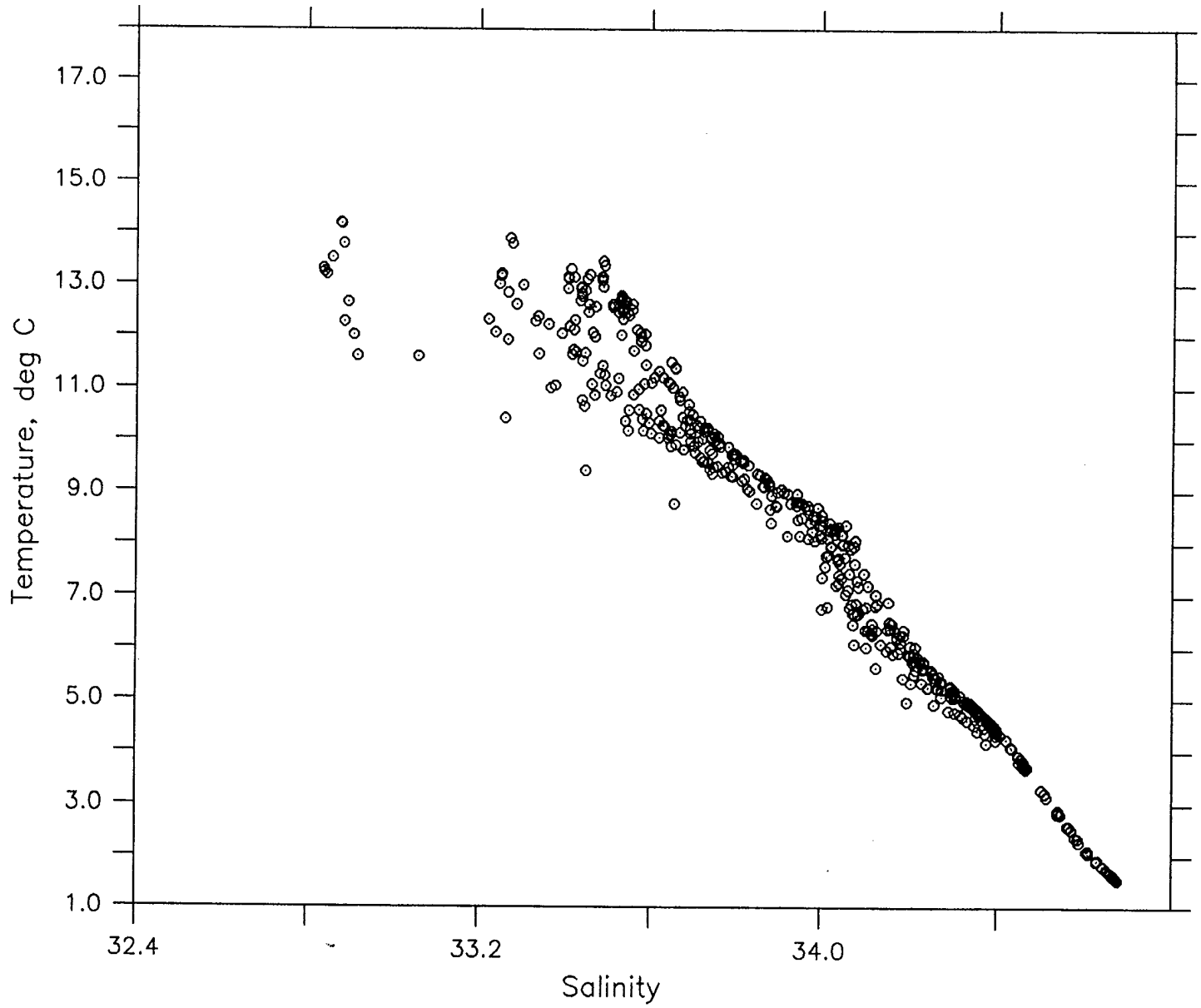
8.0.5 Individual Section Temperature/Salinity Charts

Cruise	Page
April 1988	101-102
August 1988	103
September 1988	104
November 1988	105
February 1989	106
March 1989	107
May 1989	108
July 1989	109
September 1989	110
November 1989	111
January 1990	112
March 1990	113
May 1990	114
June 1990	115
August 1990	116
October 1990	117
December 1990	118
February 1991	119
April 1991	120

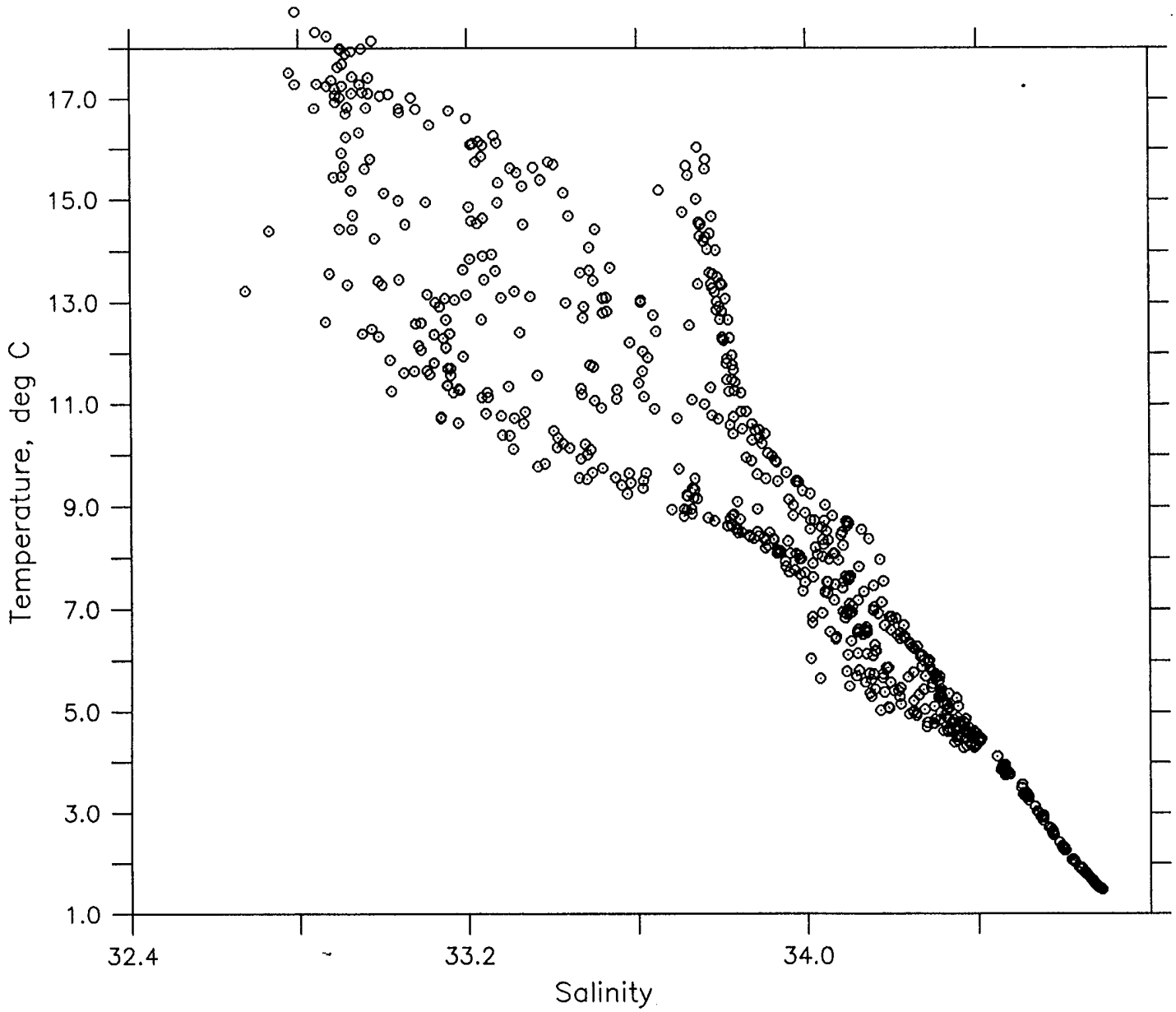
(This page left blank intentionally.)


17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
Temperature, deg C
32.4
33.2
34.0
Salinity

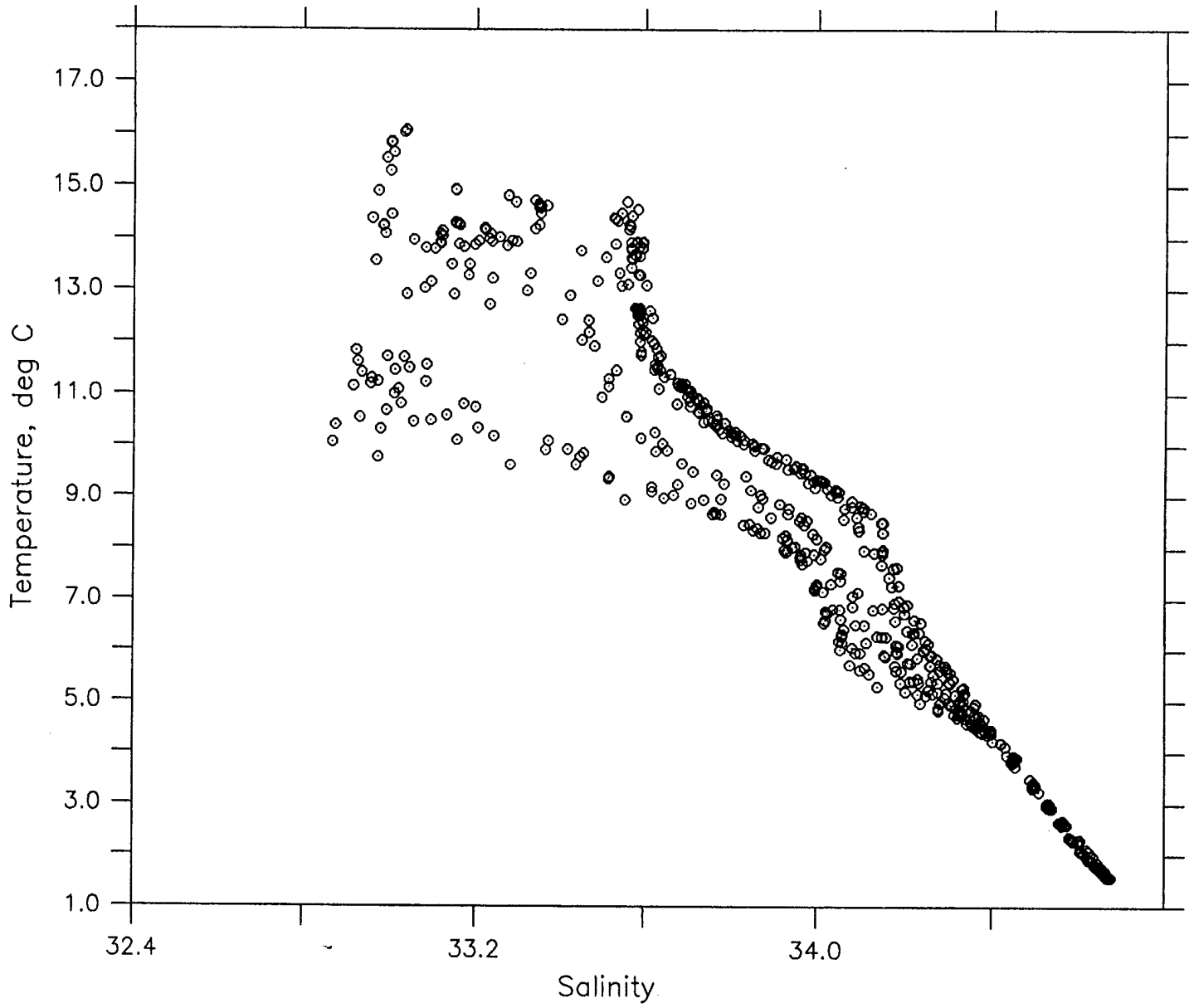
April 1988A


17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
Temperature, deg C
32.4
33.2
34.0
Salinity

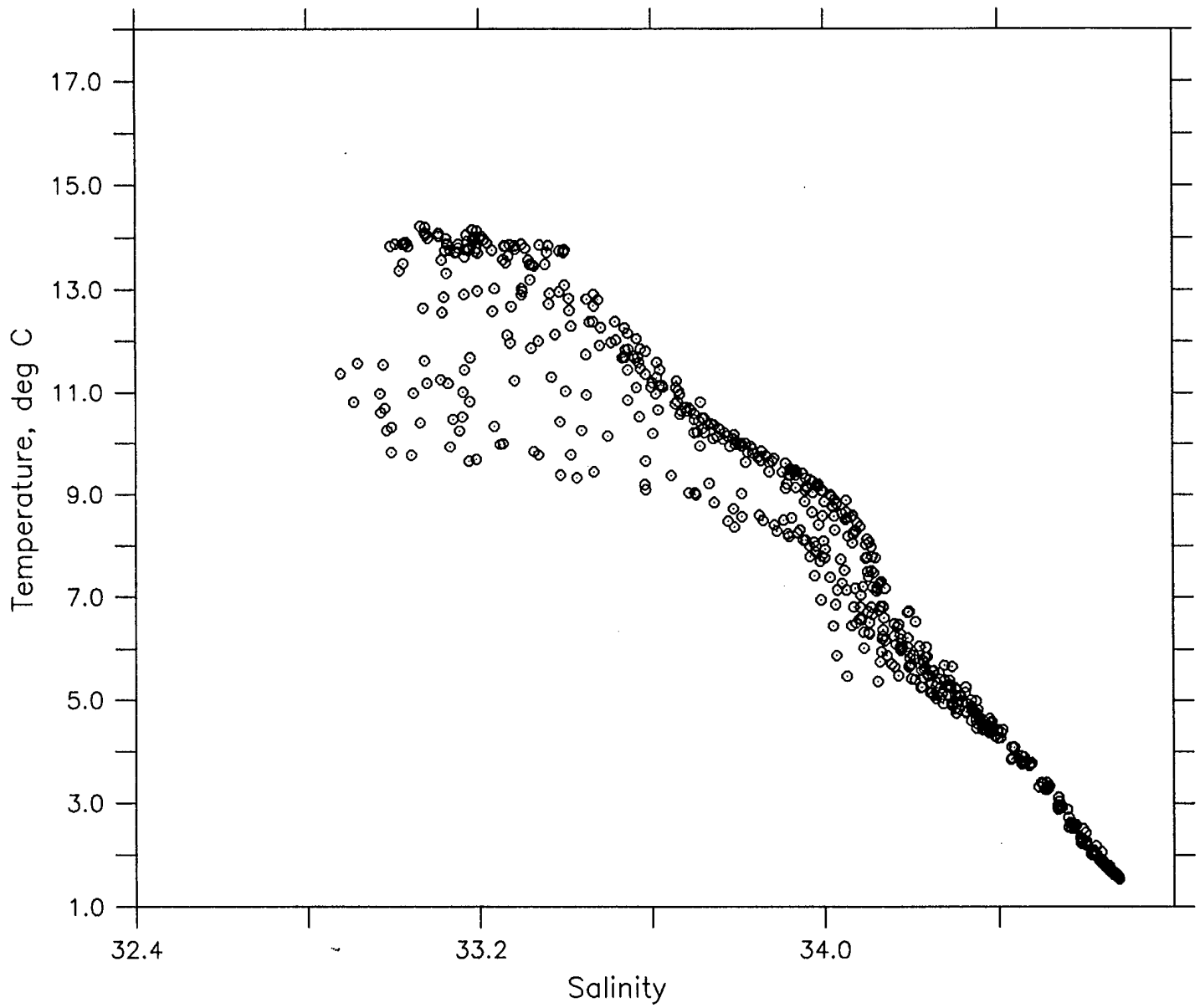
April 1988B


17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
Temperature, deg C
32.4
33.2
34.0
Salinity

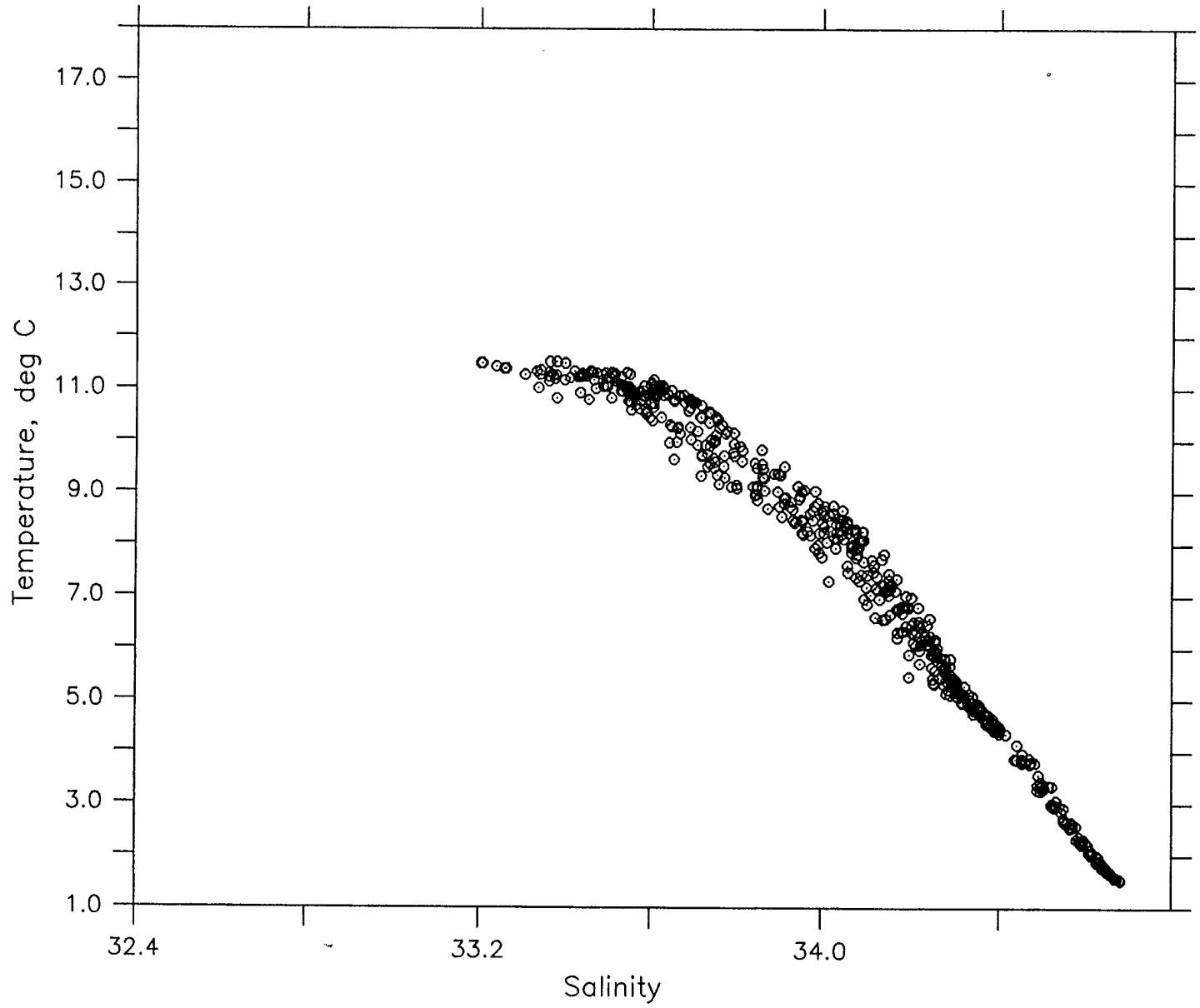
August 1988



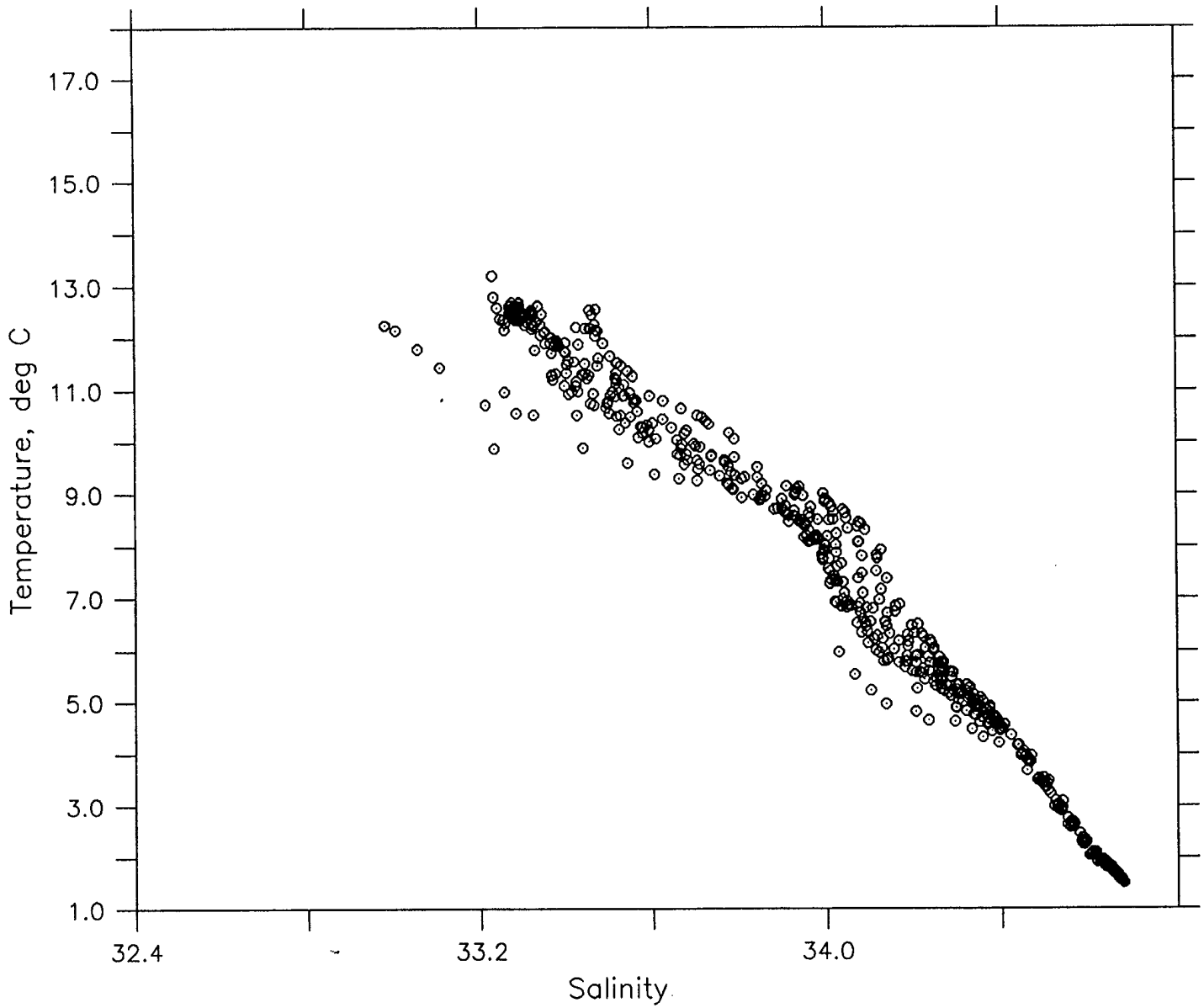
September 1988



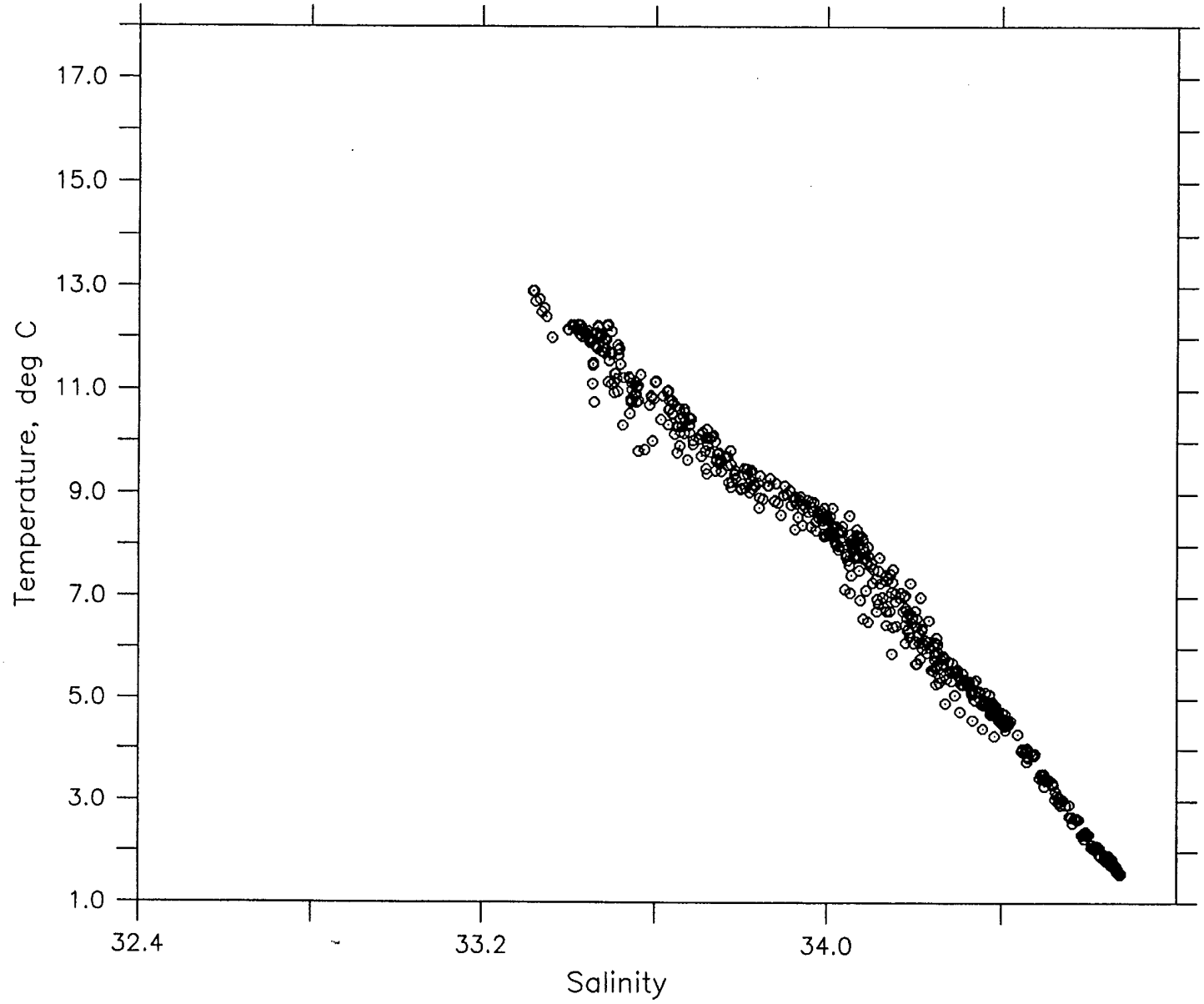
November 1988



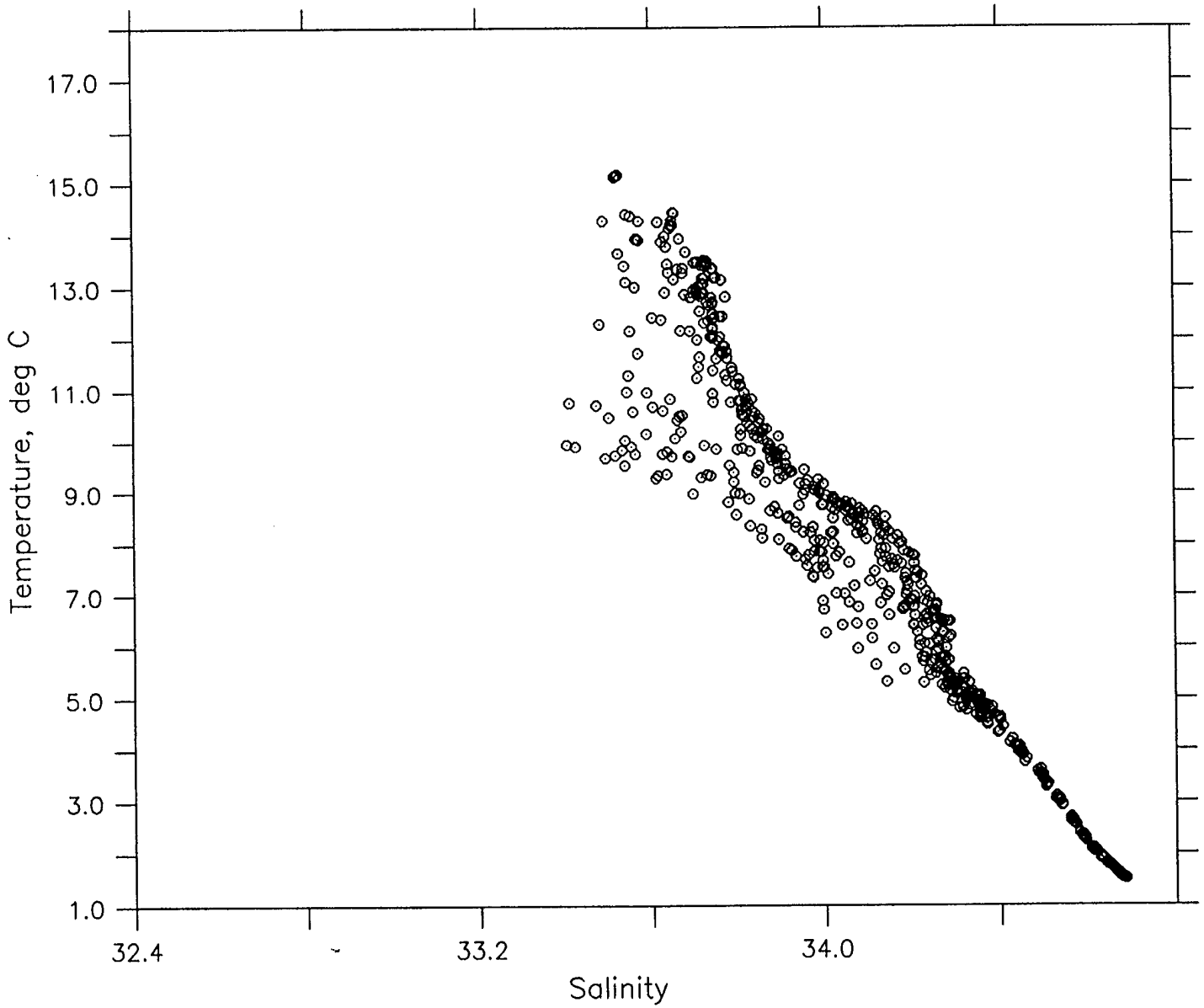
February 1989


17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
Temperature, deg C
32.4
33.2
34.0
Salinity

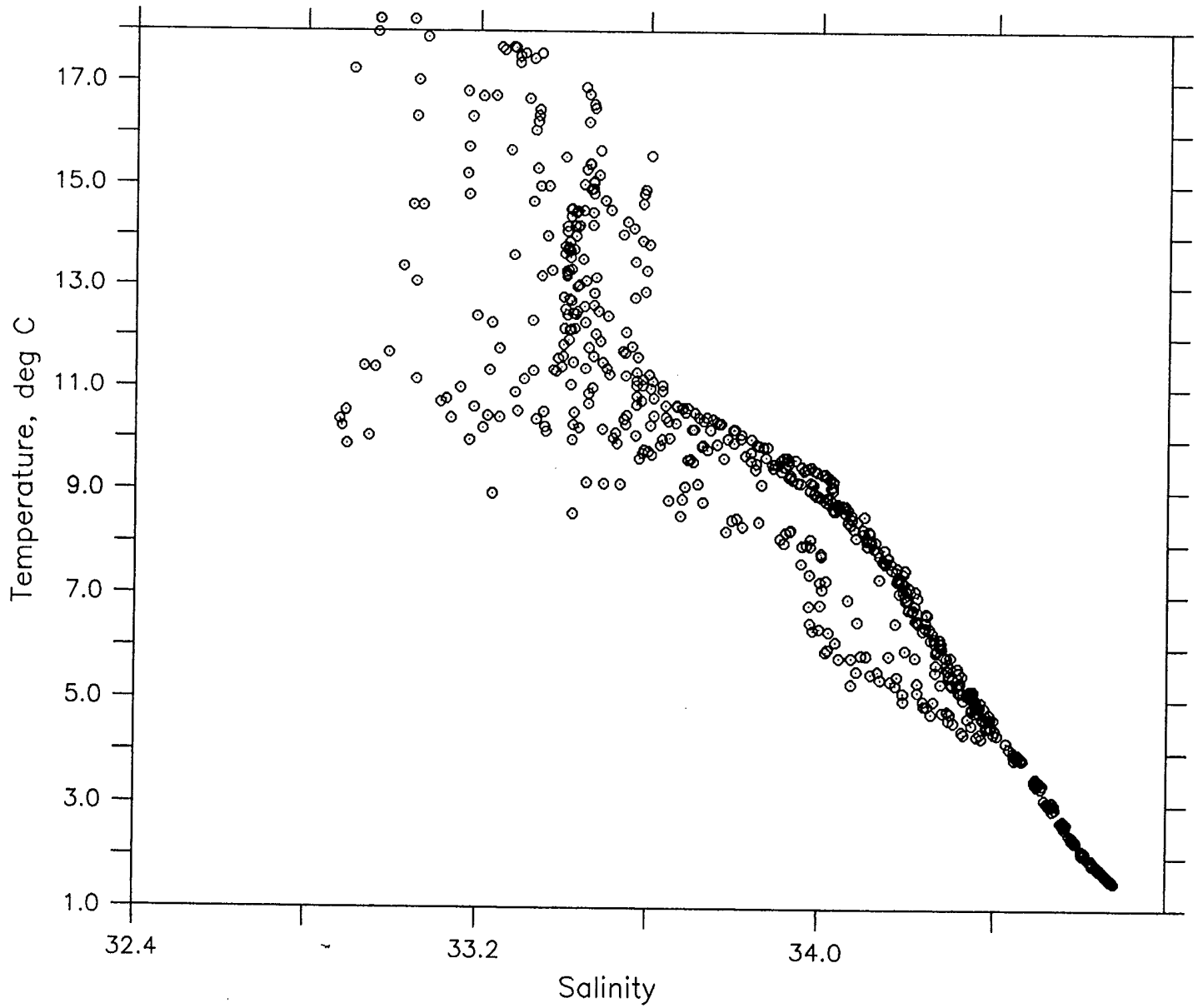
March 1989


17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
Temperature, deg C
32.4
33.2
34.0
Salinity

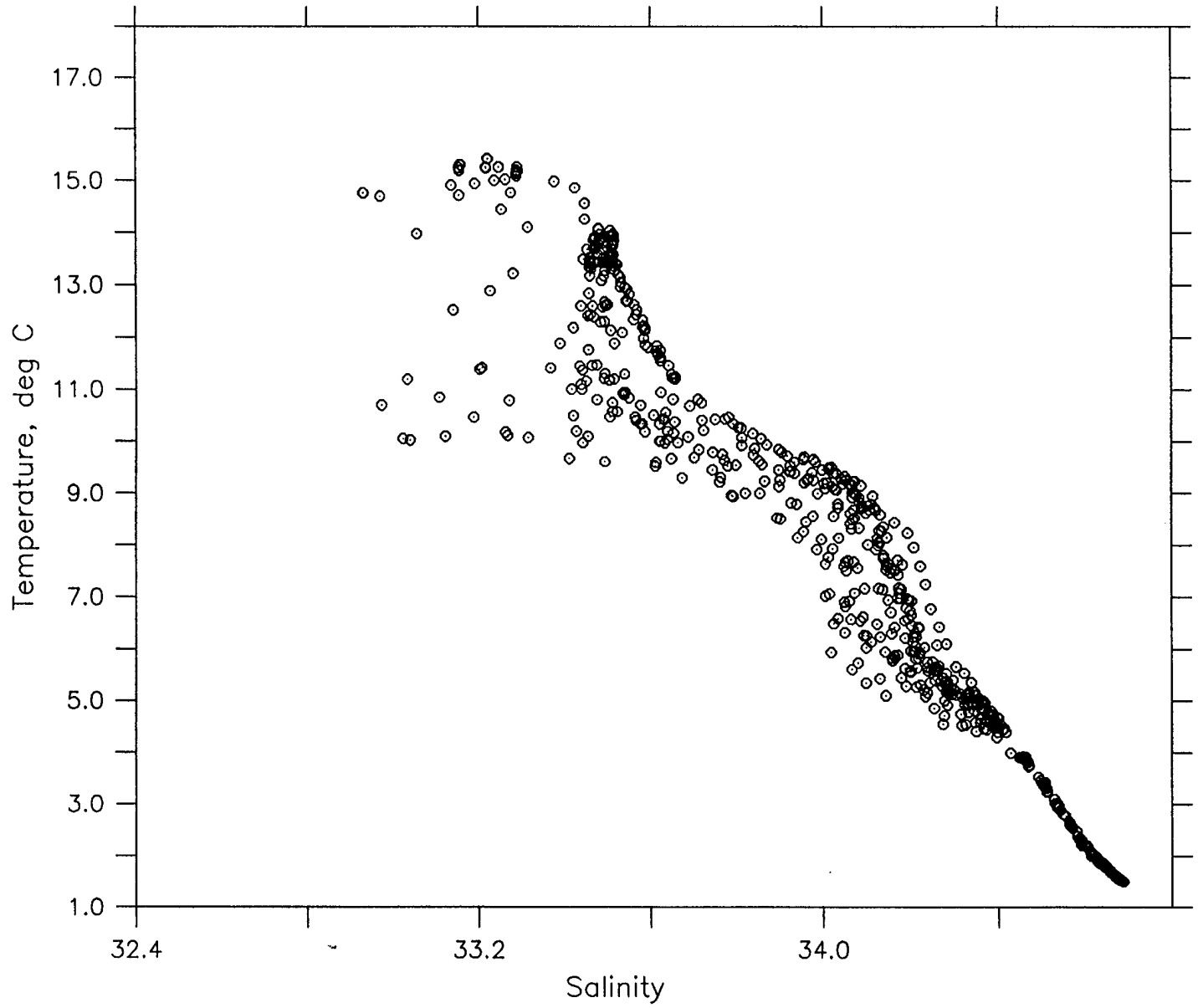
May 1989


17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
Temperature, deg C
32.4
33.2
34.0
Salinity

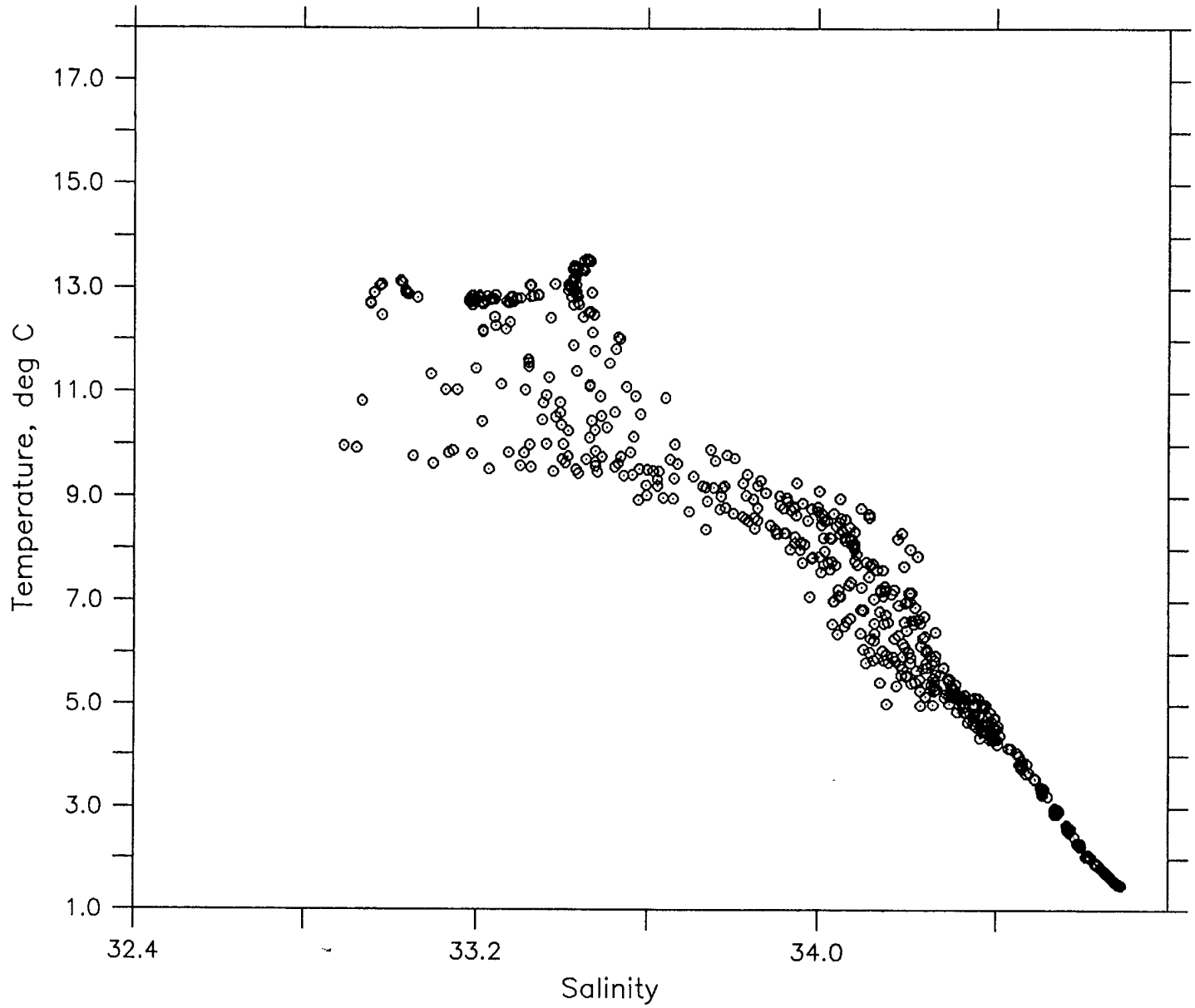
July 1989



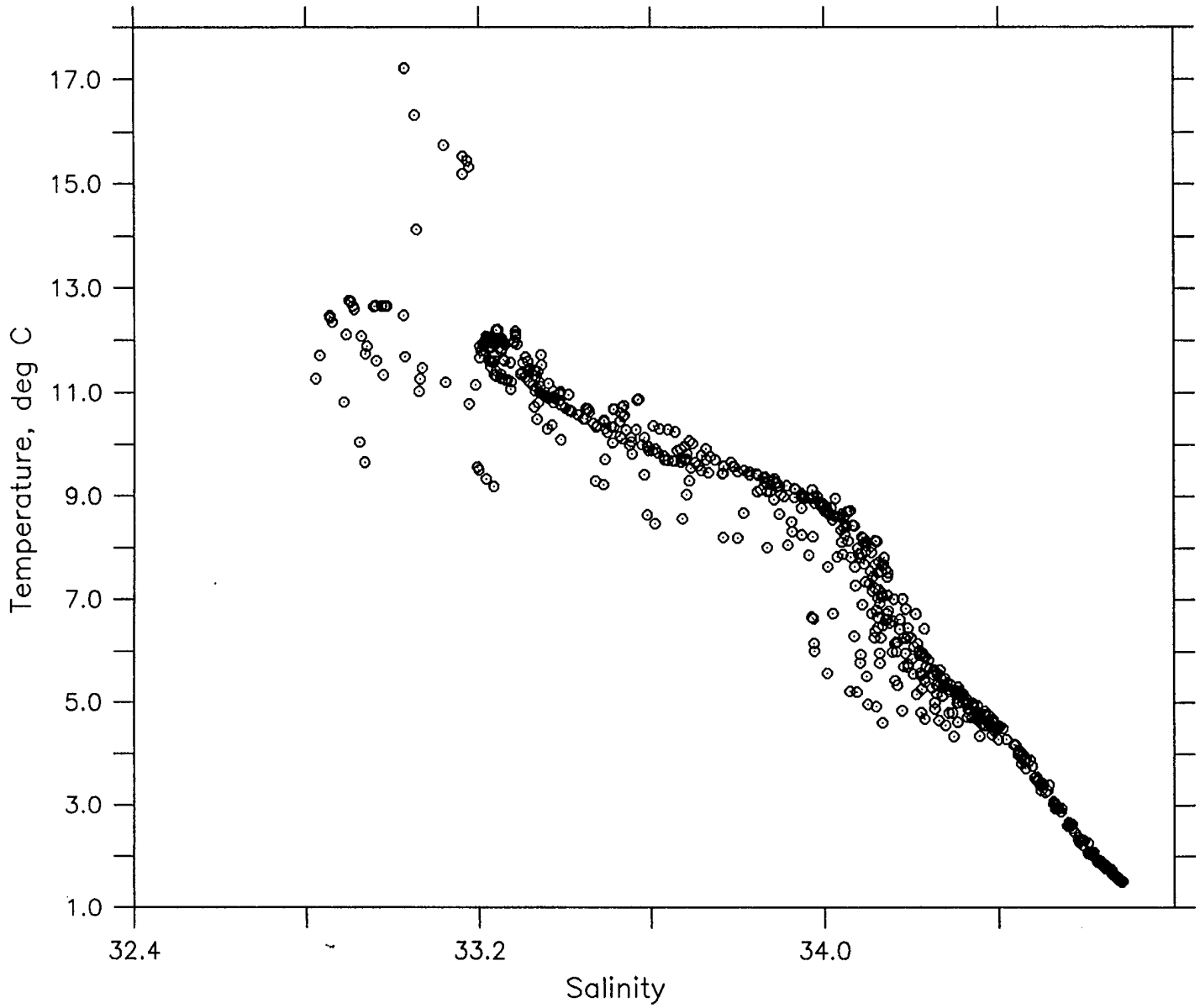
September 1989



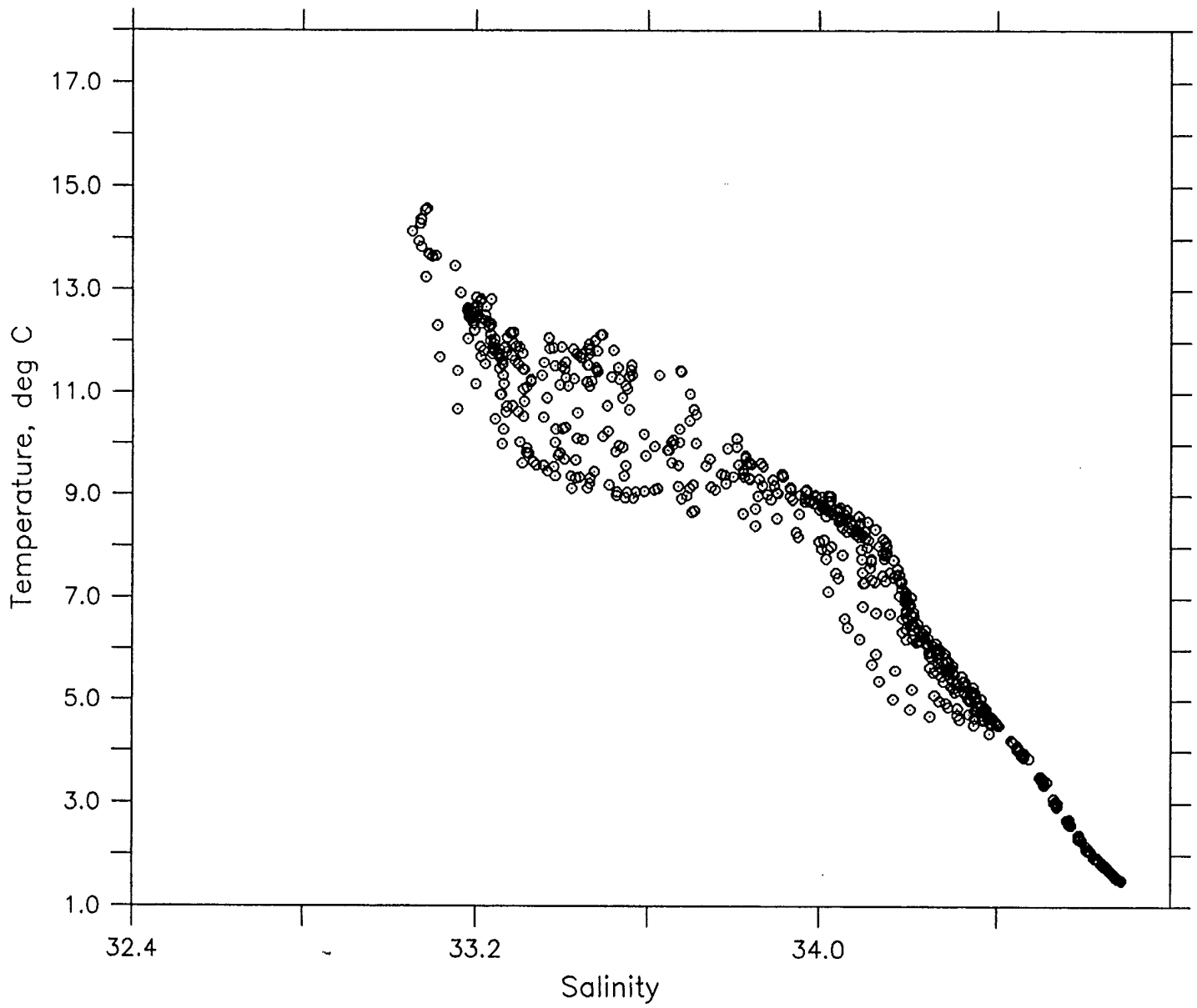
November 1989



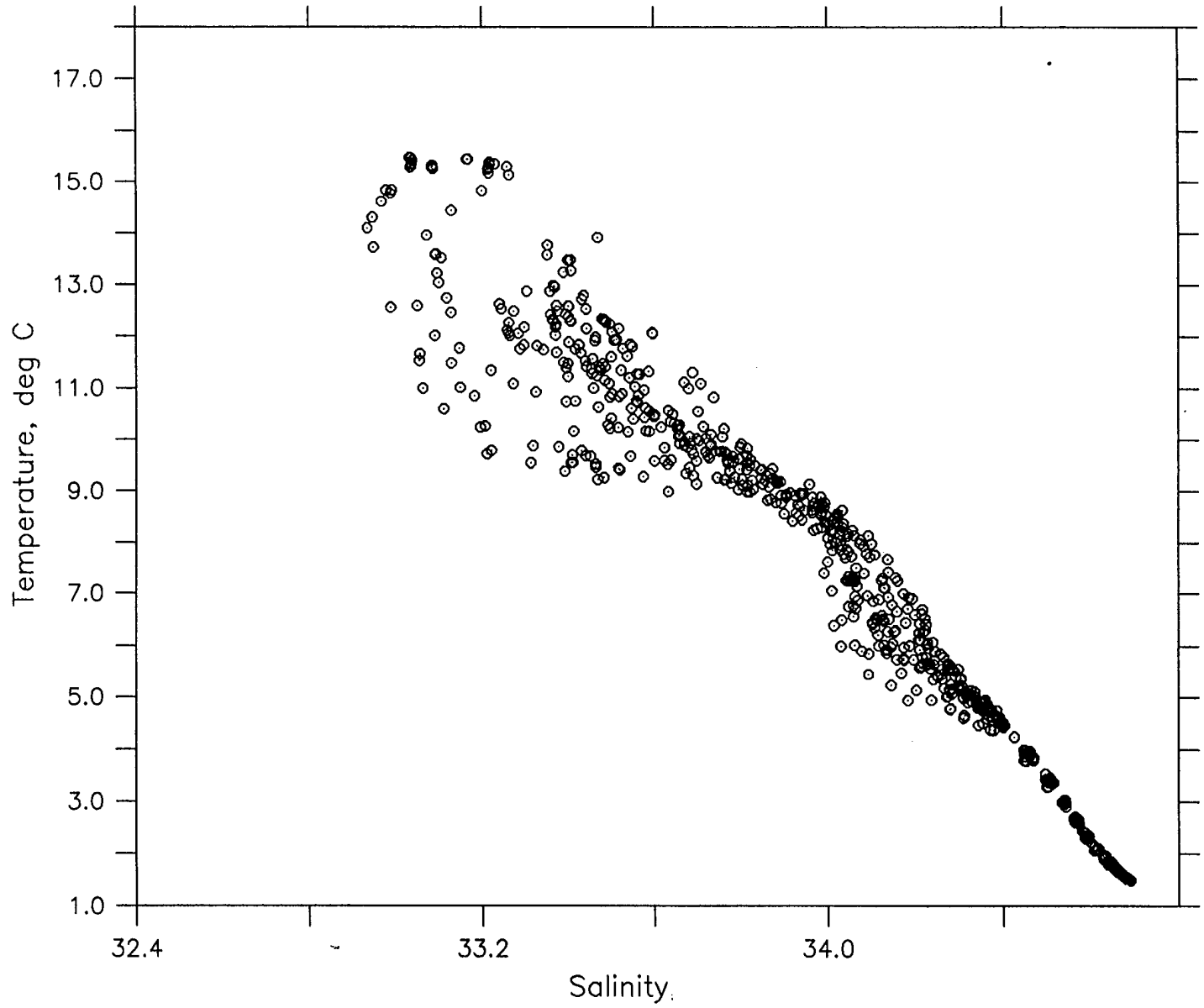
January 1990


17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
Temperature, deg C
32.4
33.2
34.0
Salinity

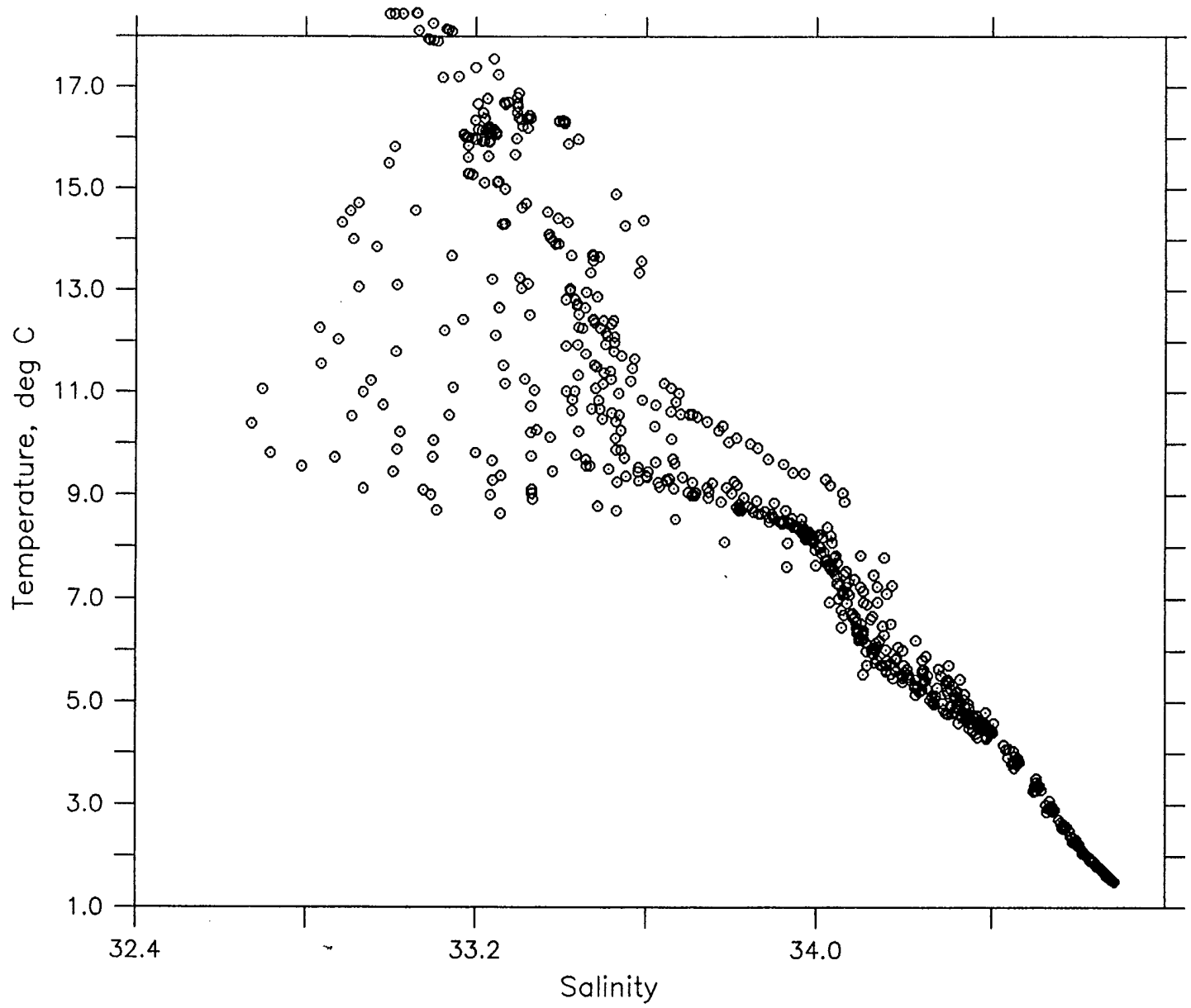
March 1990


17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
Temperature, deg C
32.4
33.2
34.0
Salinity

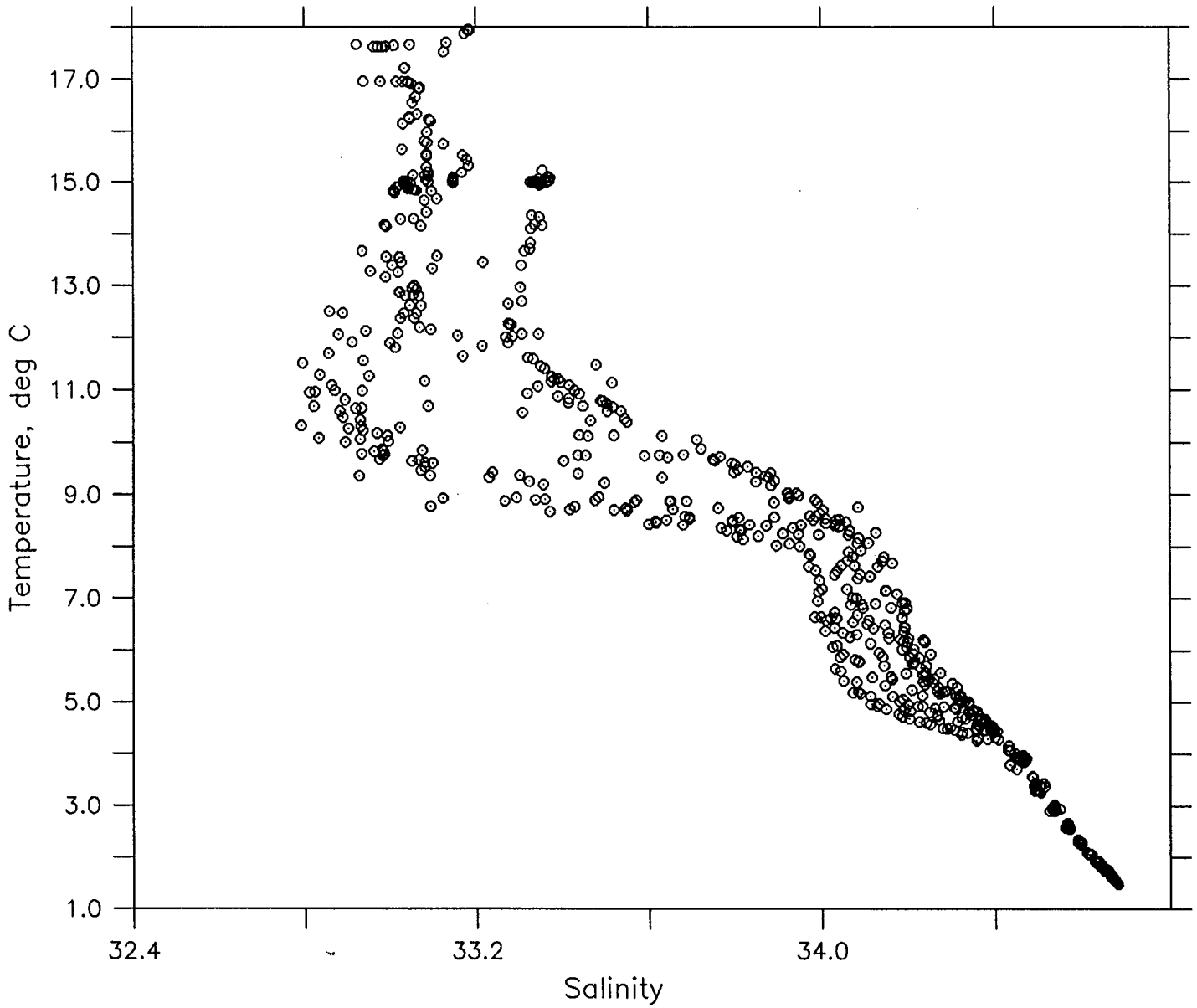
May 1990


17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
Temperature, deg C
32.4
33.2
34.0
Salinity

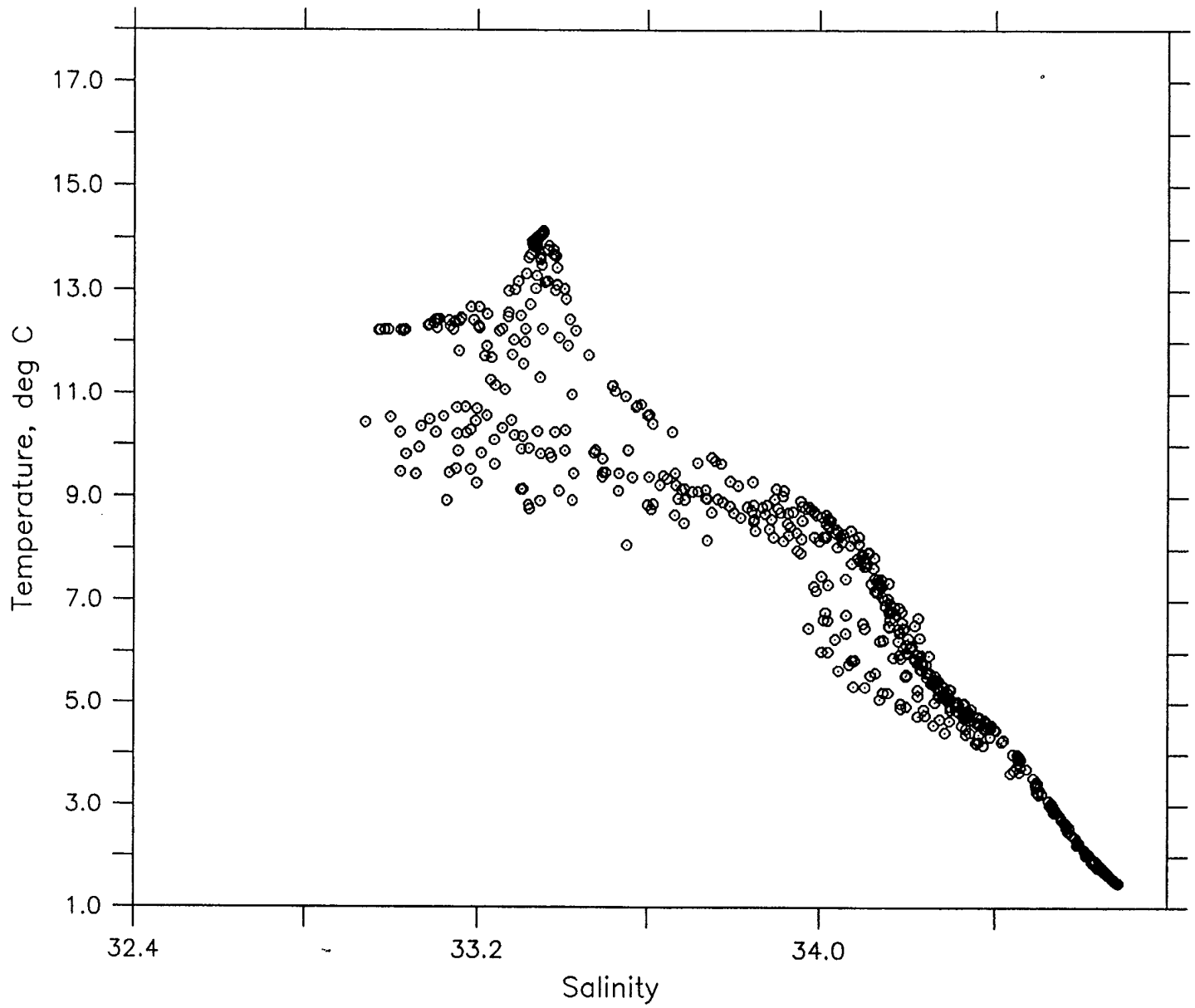
June 1990


17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
Temperature, deg C
32.4
33.2
34.0
Salinity

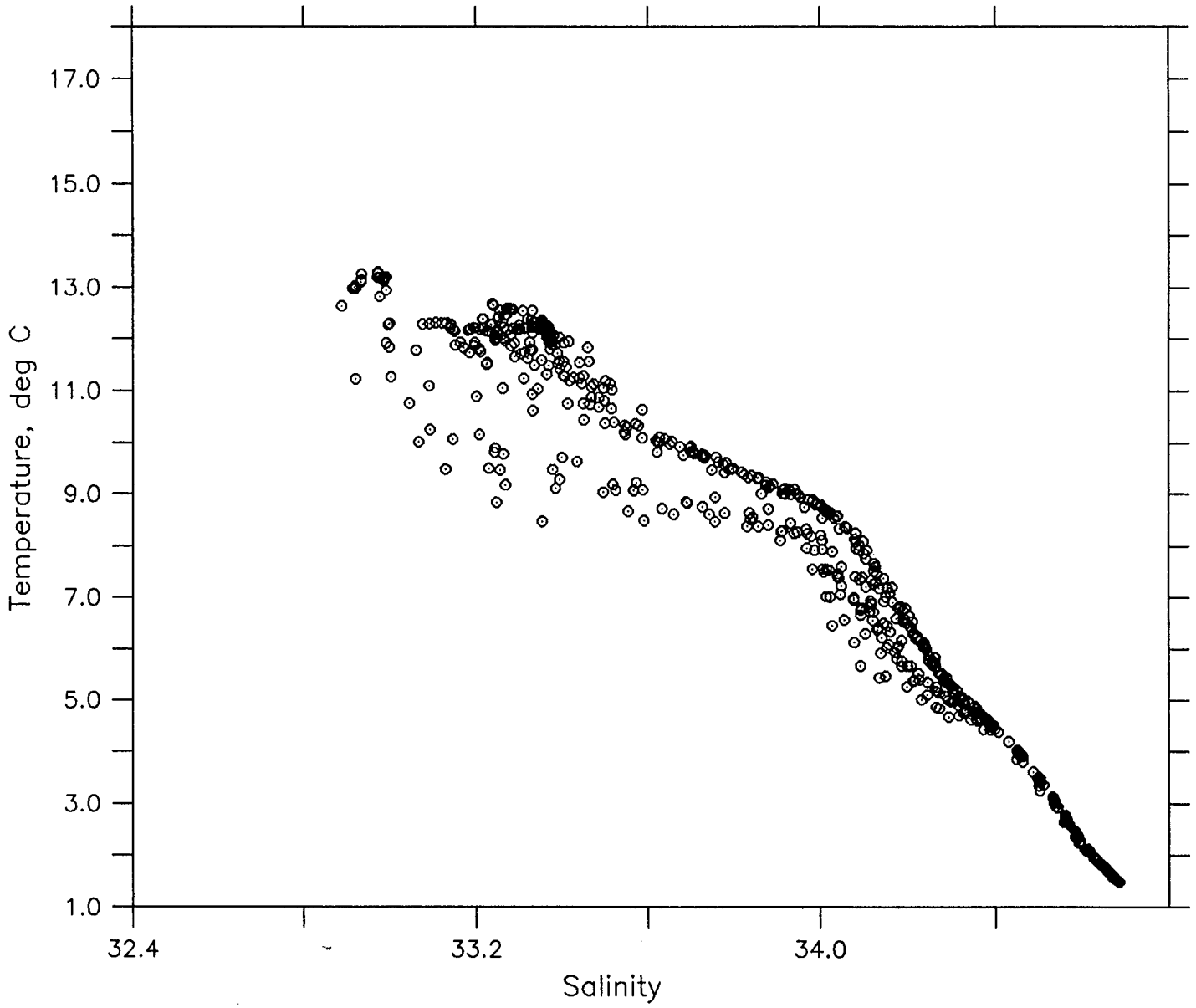
August 1990



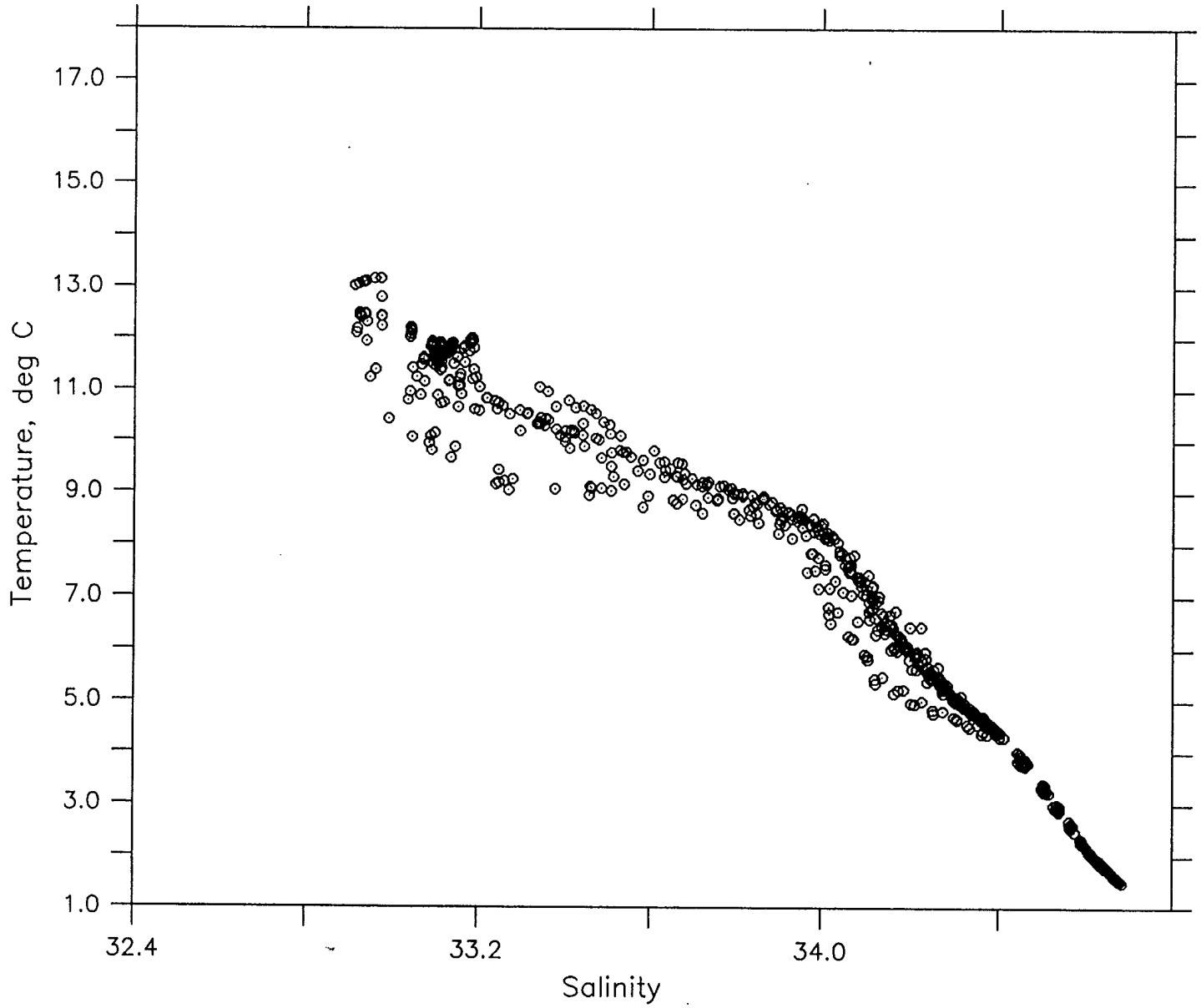
October 1990



December 1990



February 1991

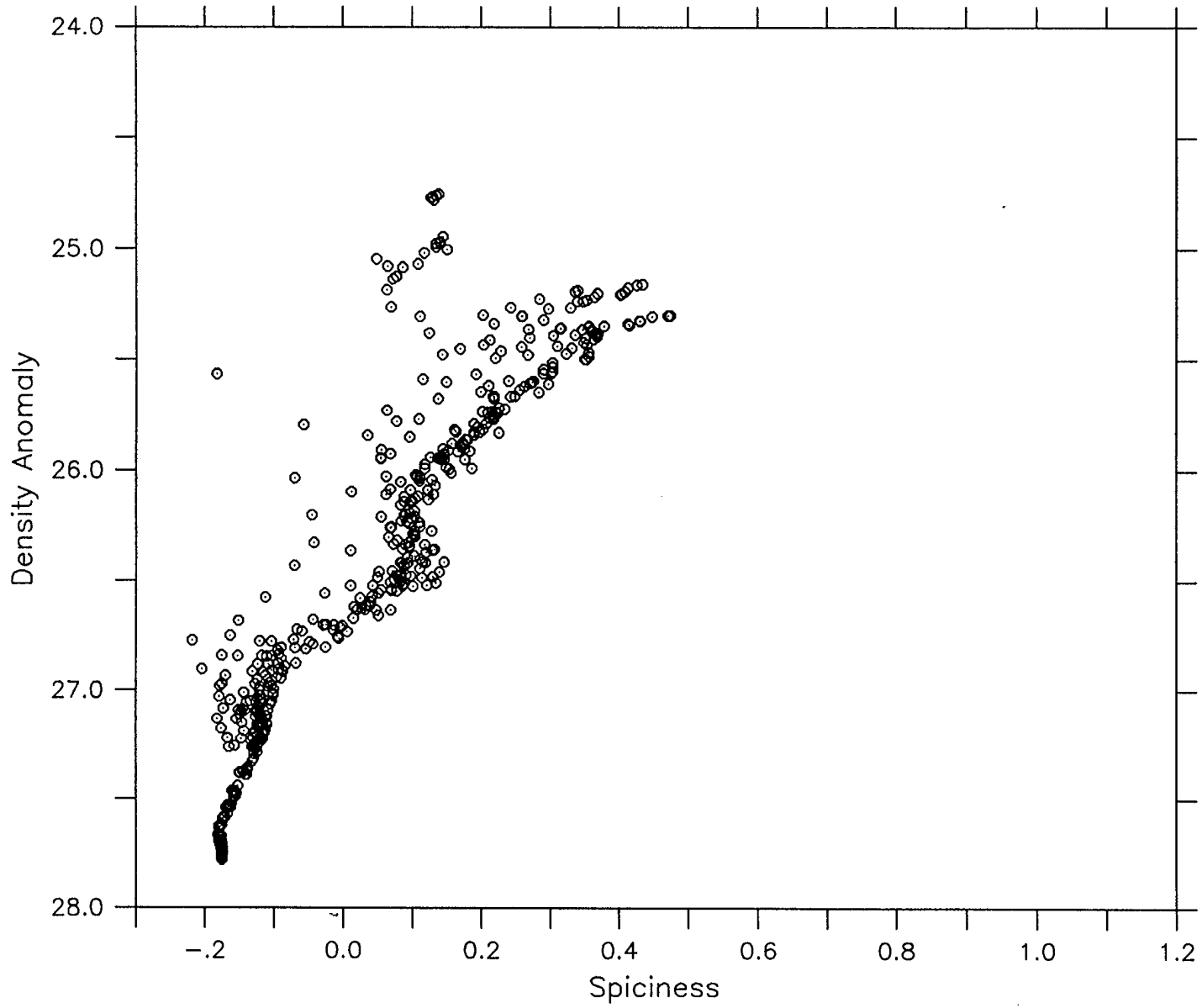

17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
Temperature, deg C
32.4
33.2
34.0
Salinity

April 1991

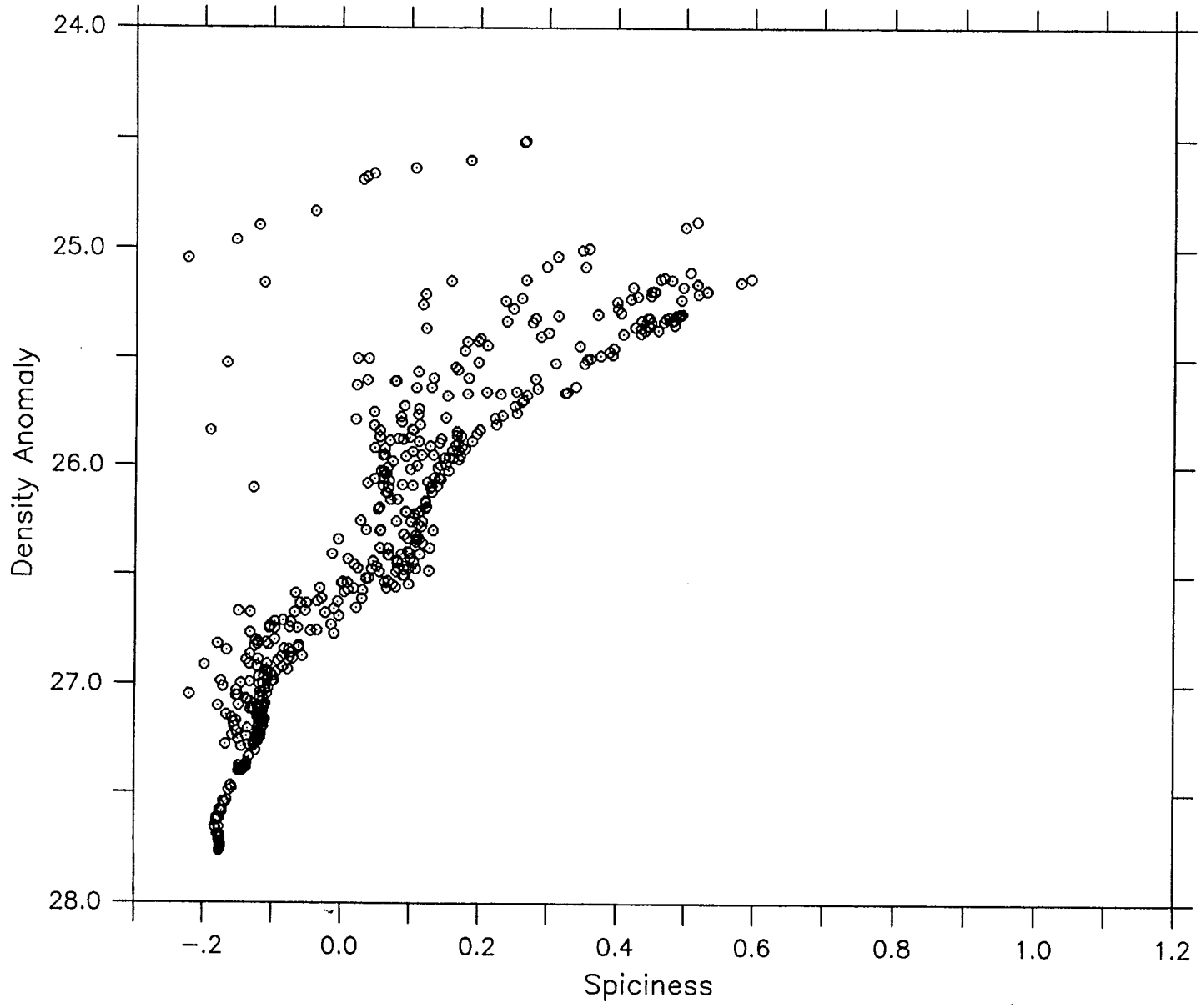
8.0.6 Individual Section Density Anomaly/Spiciness Charts

Cruise	Page
April 1988	123-124
August 1988	125
September 1988	126
November 1988	127
February 1989	128
March 1989	129
May 1989	130
July 1989	131
September 1989	132
November 1989	133
January 1990	134
March 1990	135
May 1990	136
June 1990	137
August 1990	138
October 1990	139
December 1990	140
February 1991	141
April 1991	142

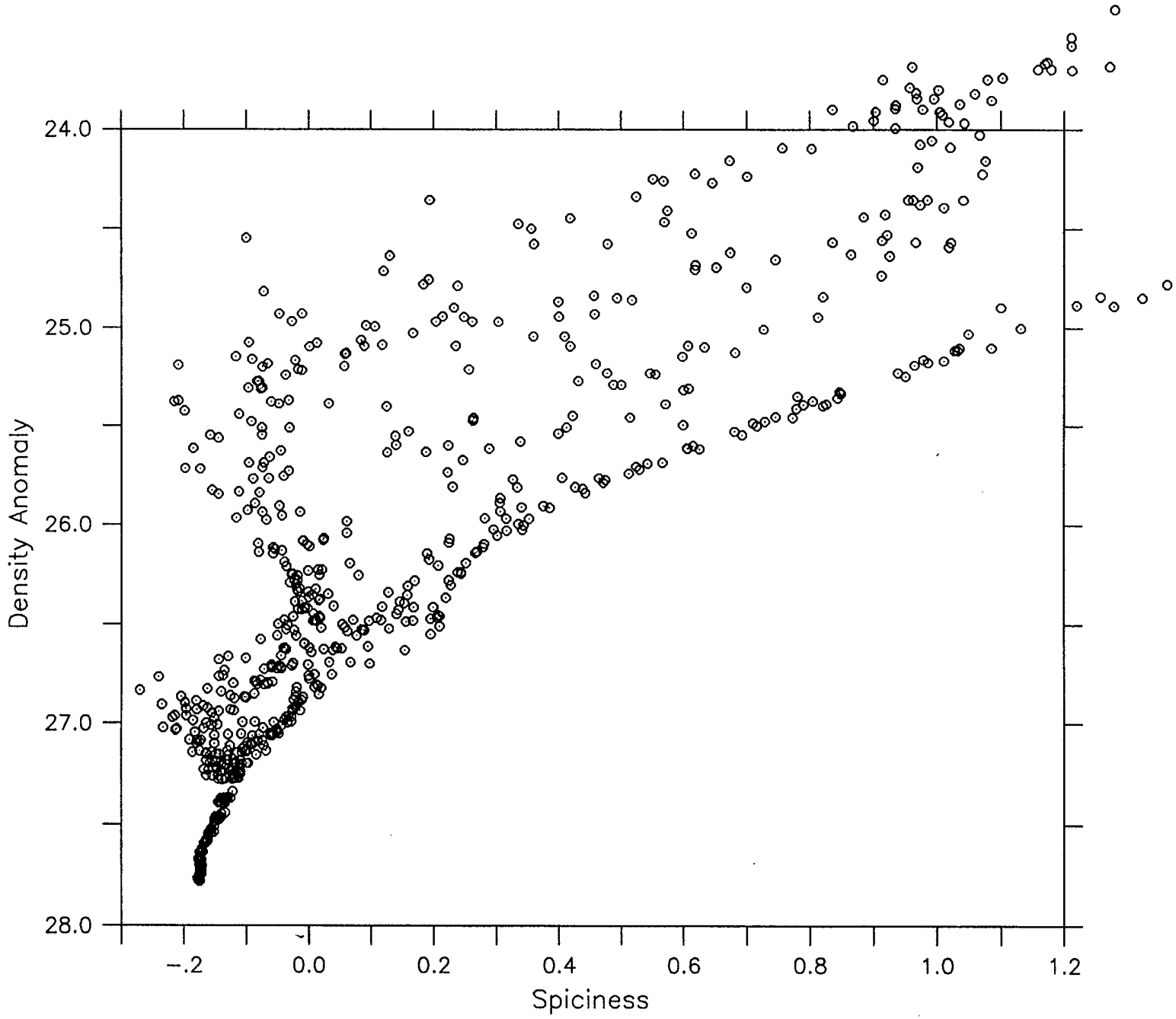
(This page left blank intentionally.)


24.0
25.0
26.0
27.0
28.0
Density Anomaly
-.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Spiciness

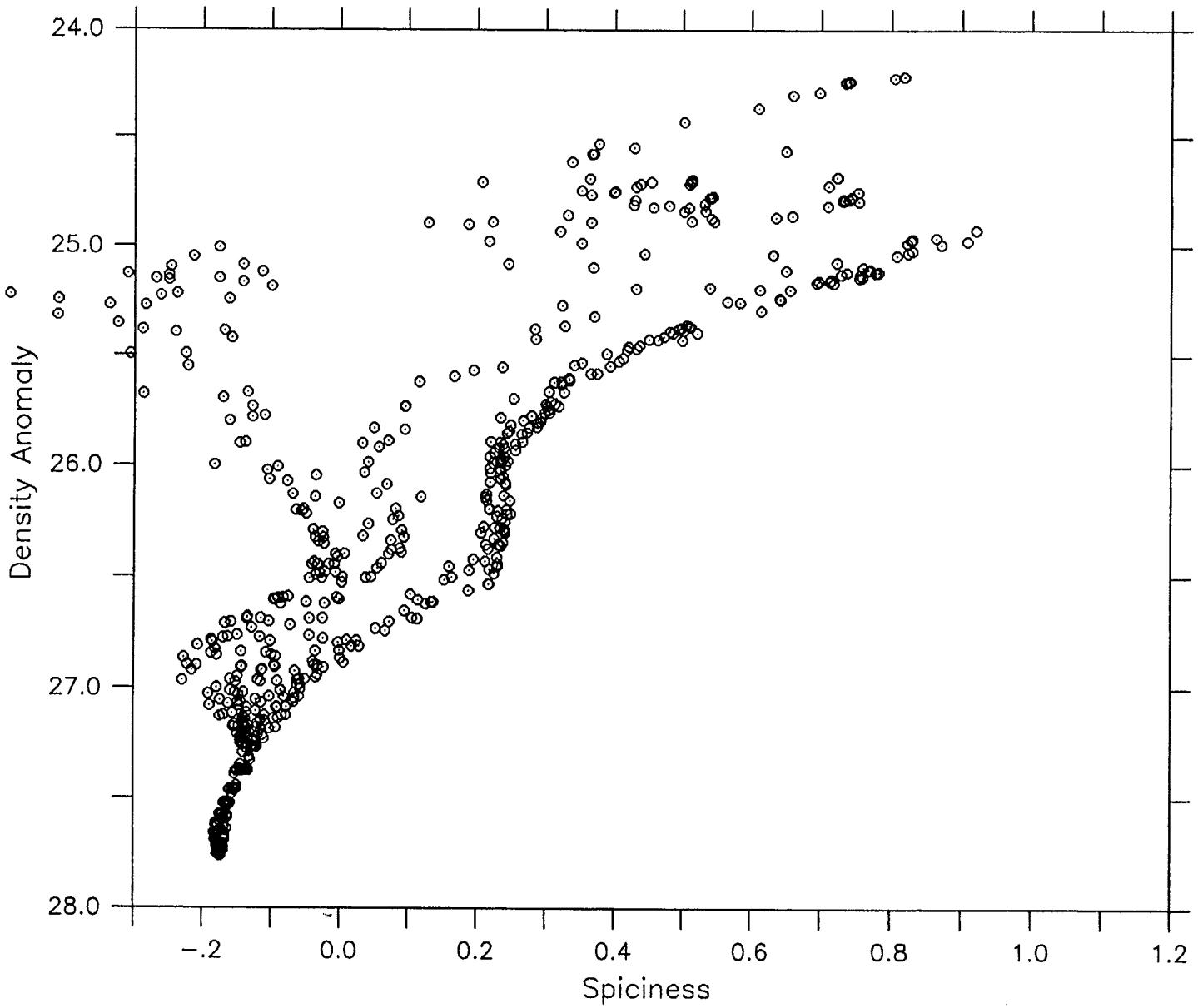
April 1988A


24.0
25.0
26.0
27.0
28.0
Density Anomaly
−.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Spiciness

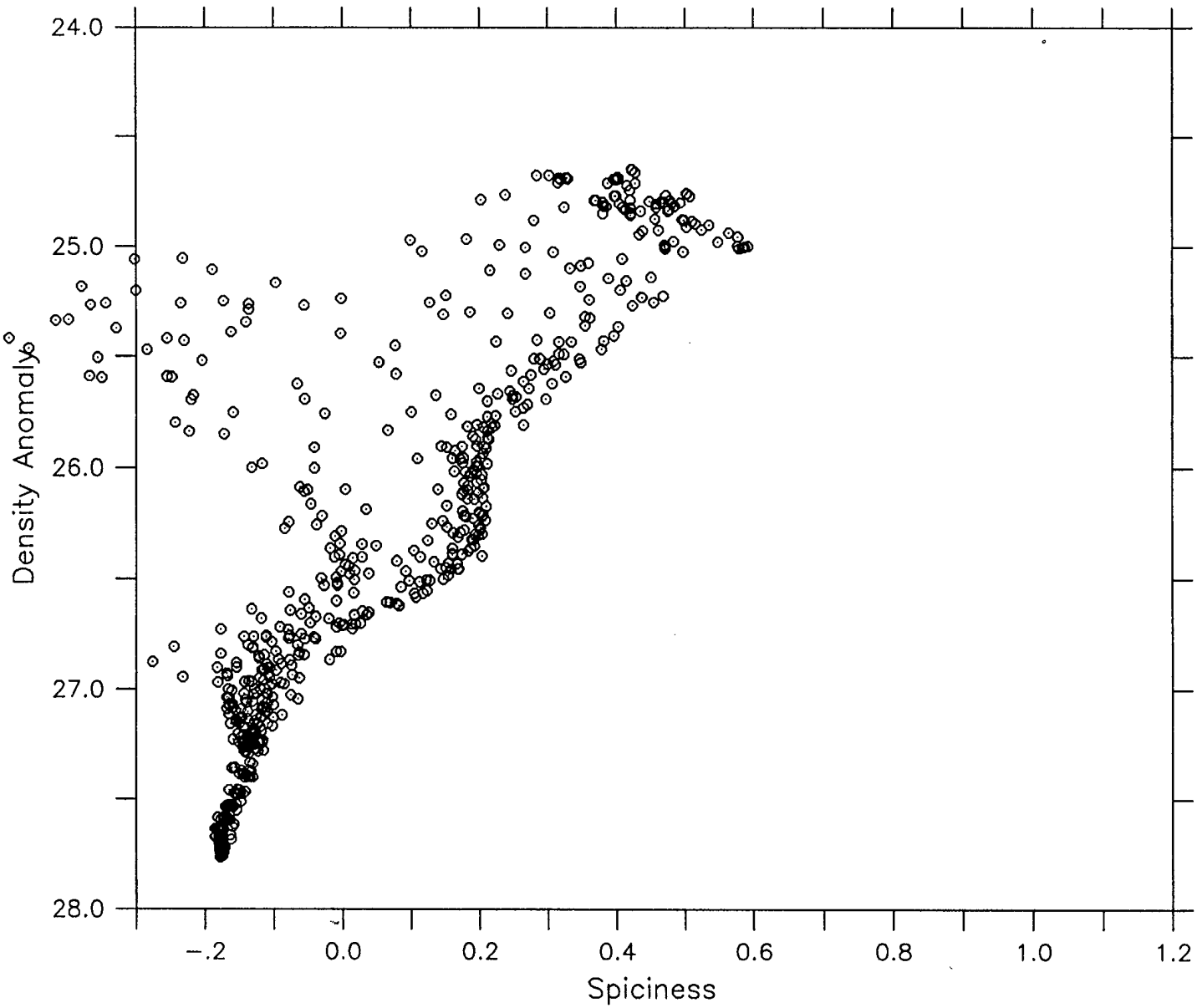
April 1988B


24.0
25.0
26.0
27.0
28.0
Density Anomaly
-.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Spiciness

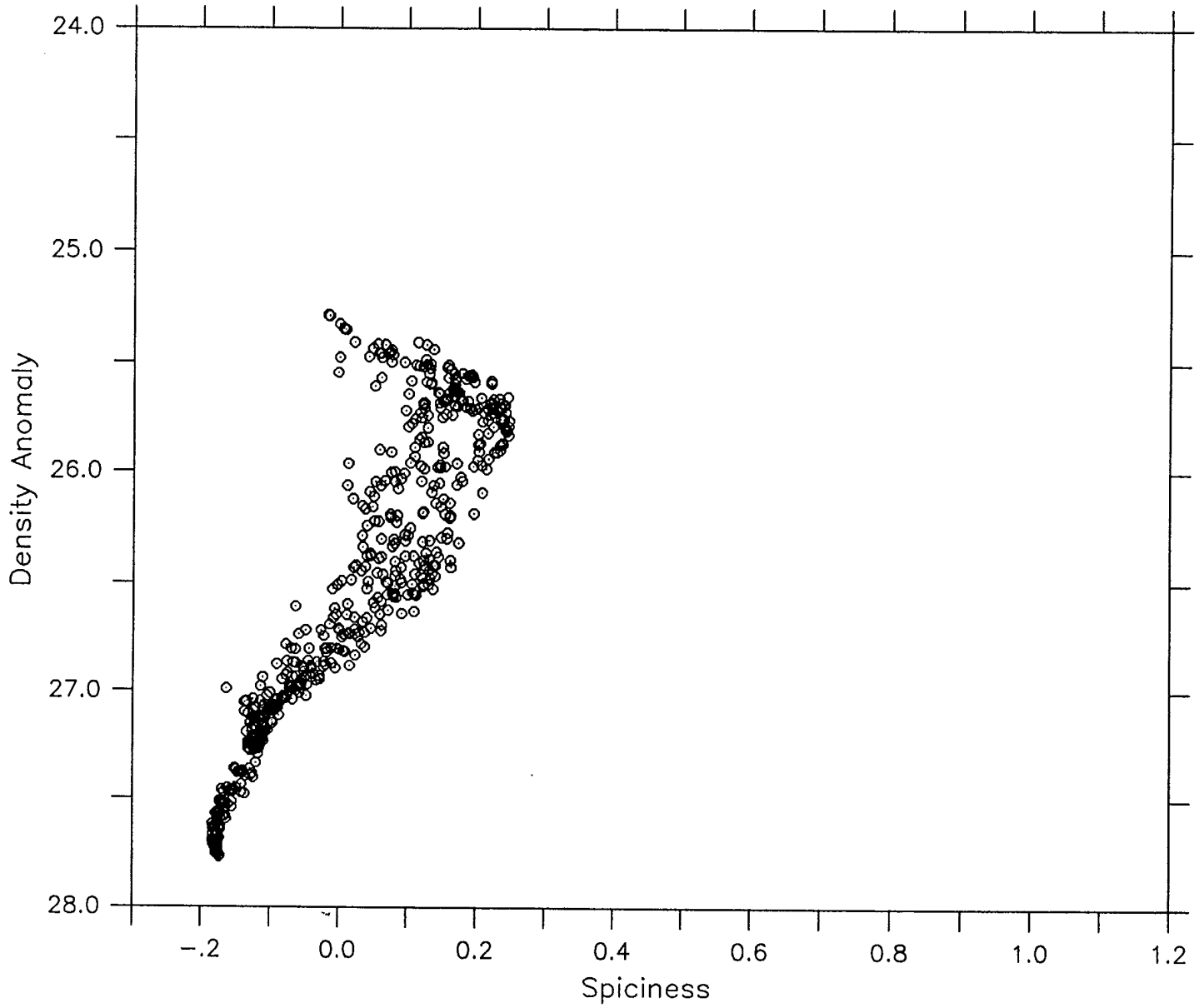
August 1988



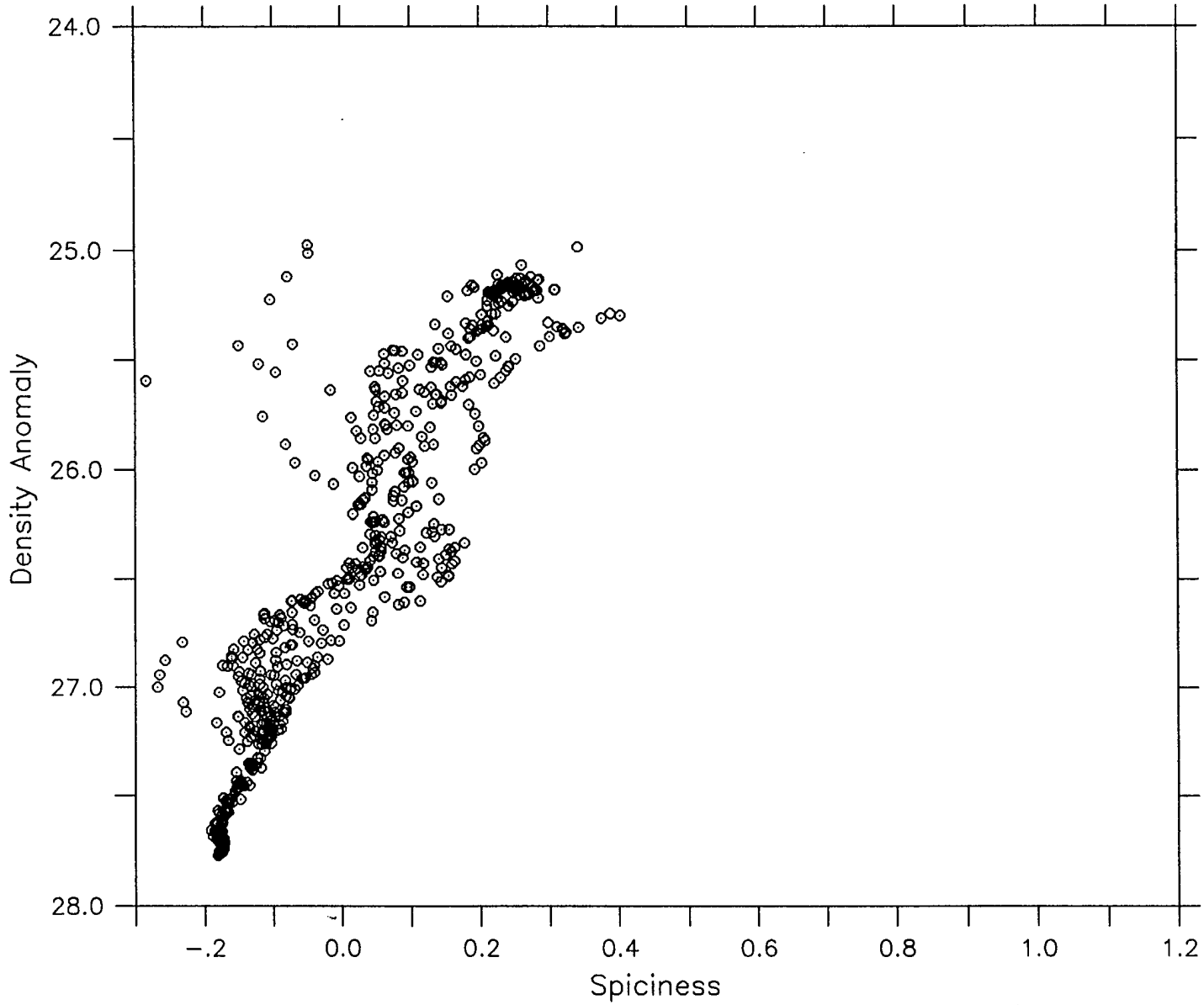
September 1988



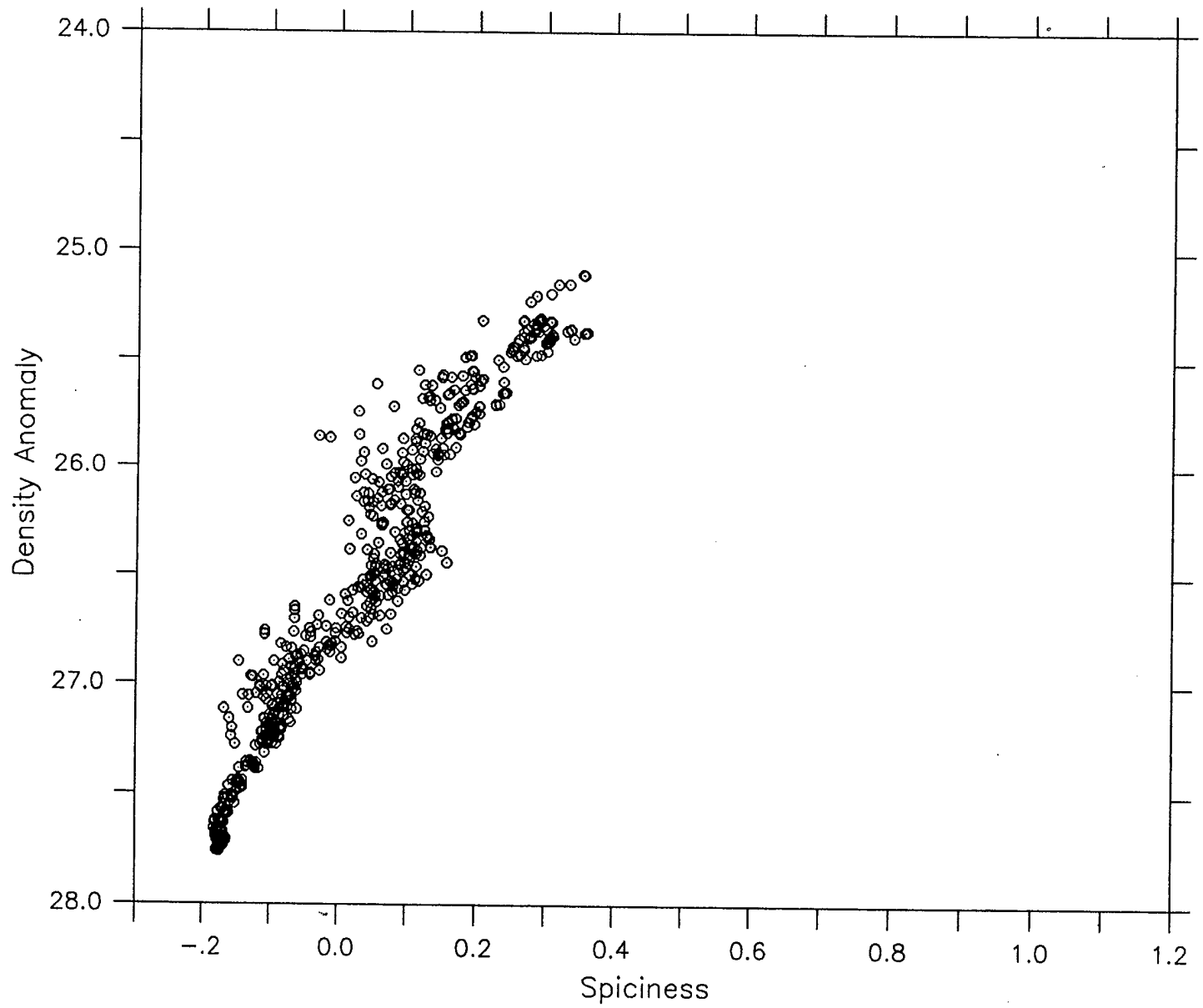
November 1988



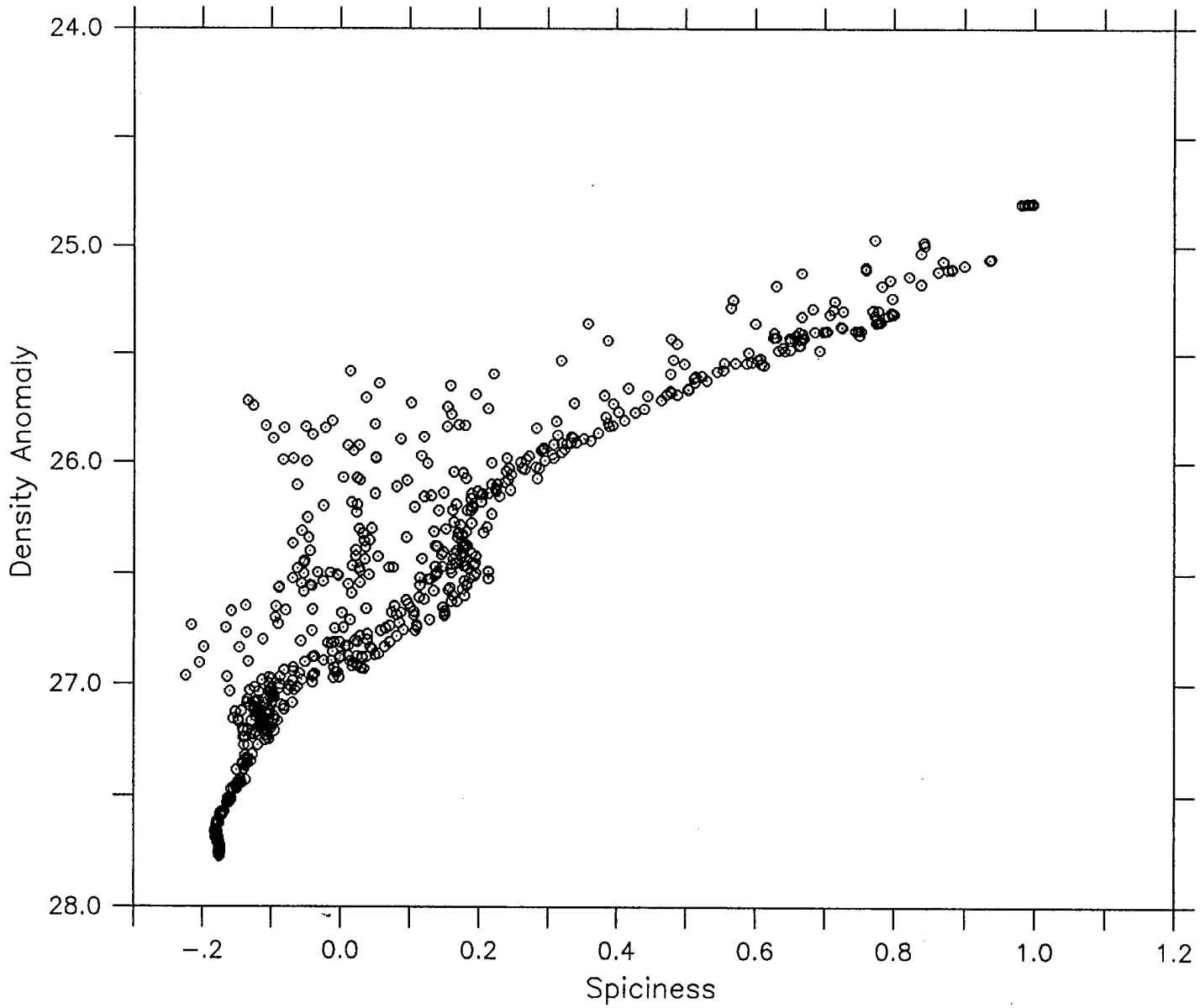
February 1989


24.0
25.0
26.0
27.0
28.0
Density Anomaly
-.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Spiciness

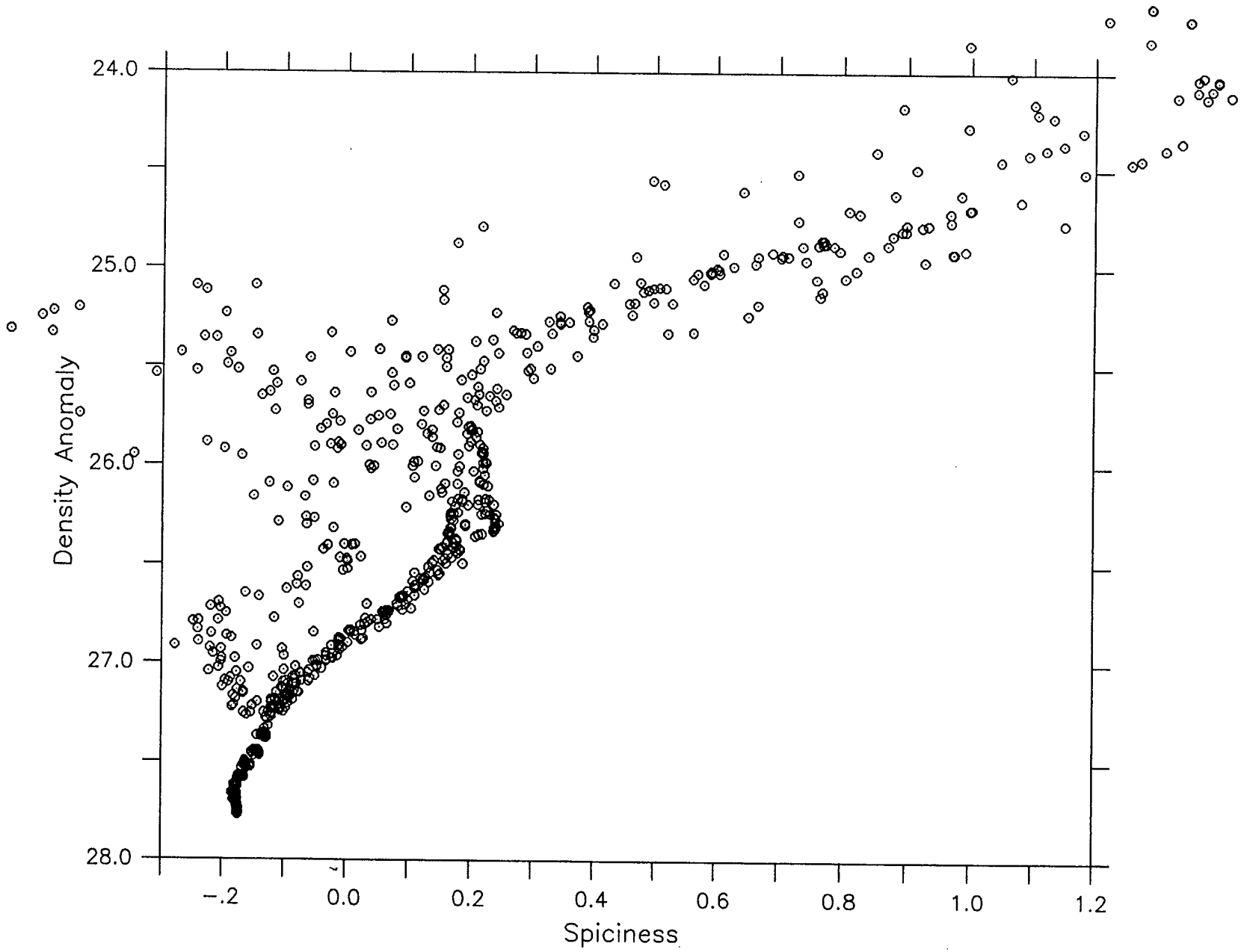
March 1989


24.0
25.0
26.0
27.0
28.0
Density Anomaly
-.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Spiciness

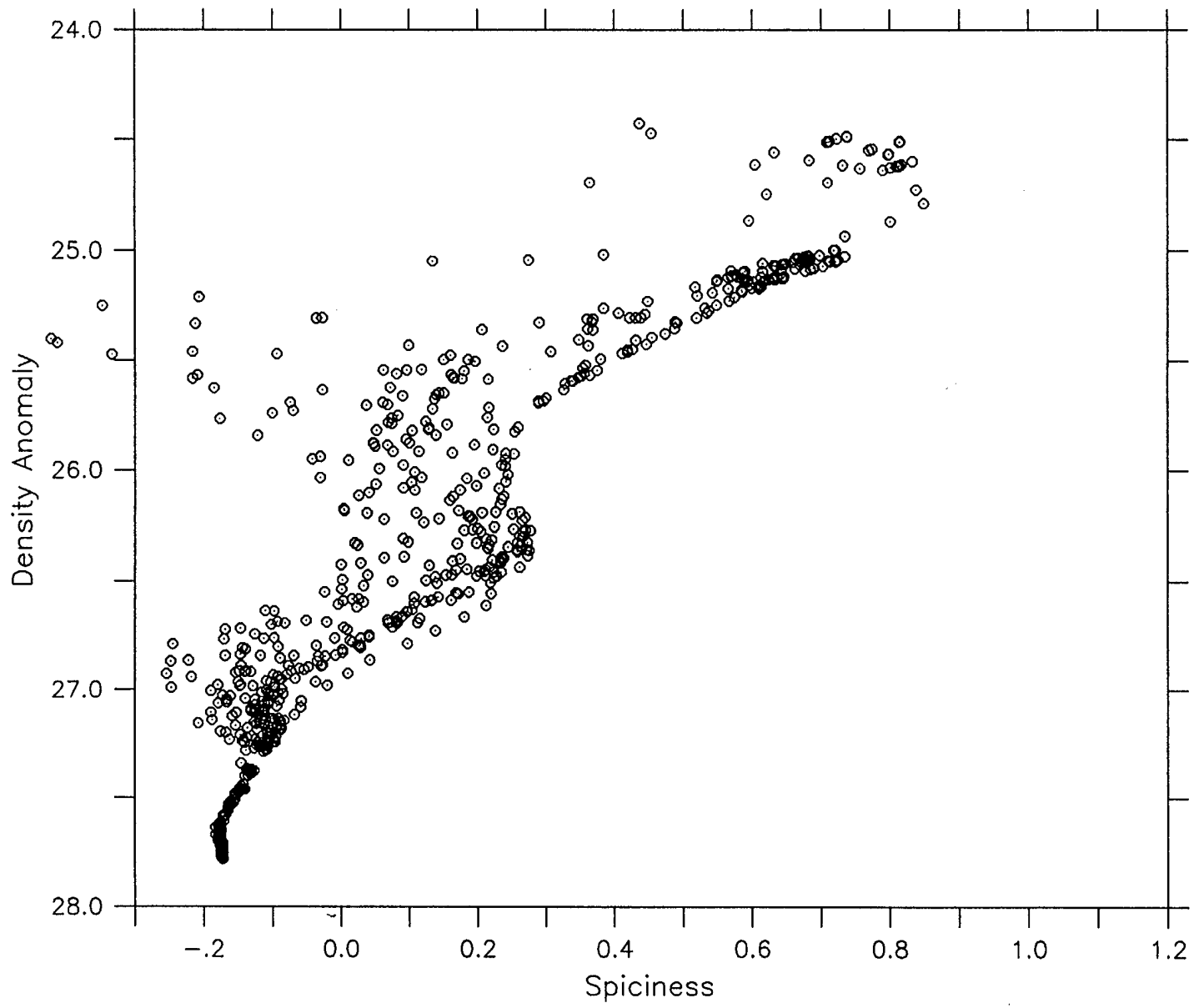
May 1989


24.0
25.0
26.0
27.0
28.0
Density Anomaly
-.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Spiciness

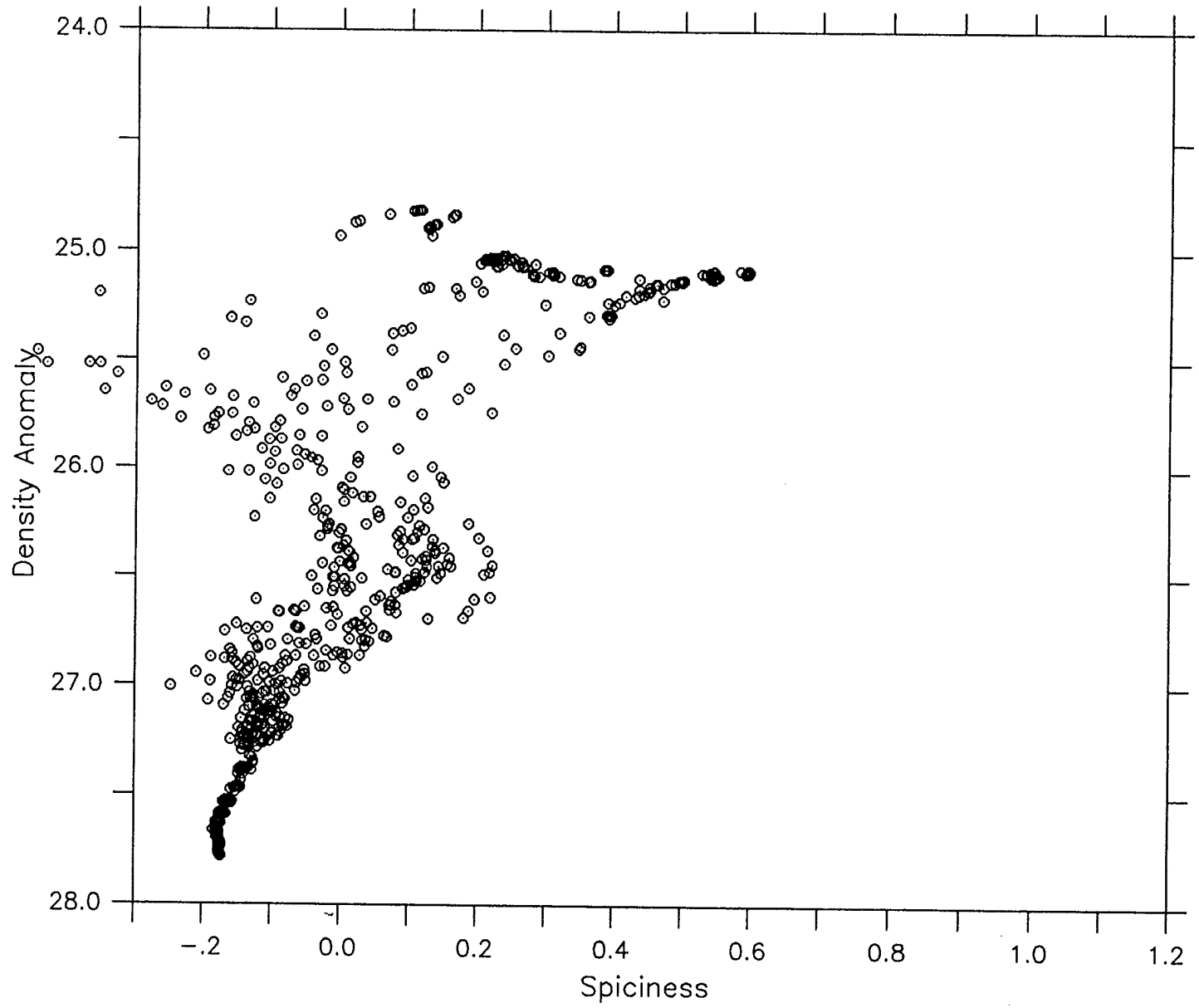
July 1989



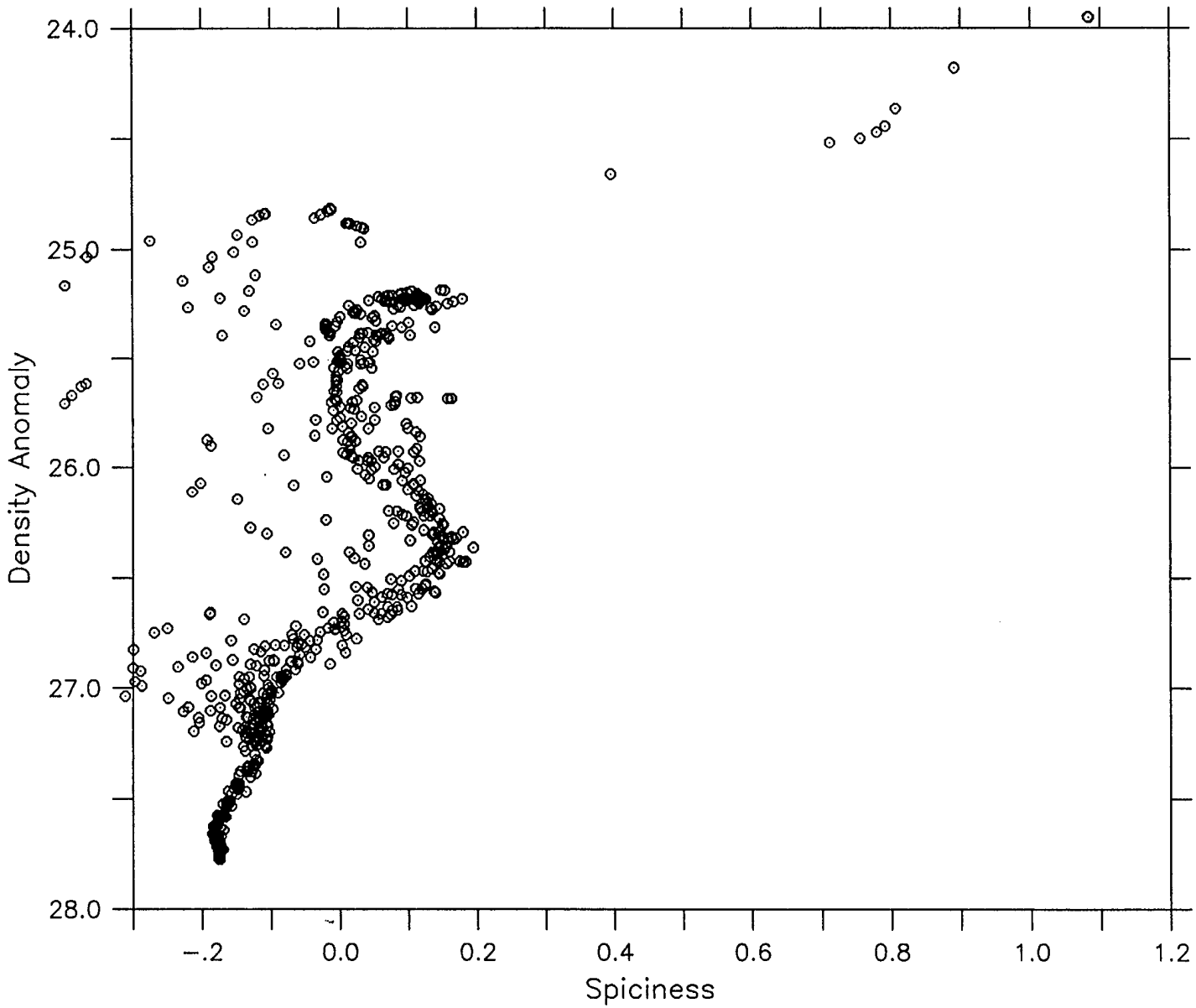
September 1989



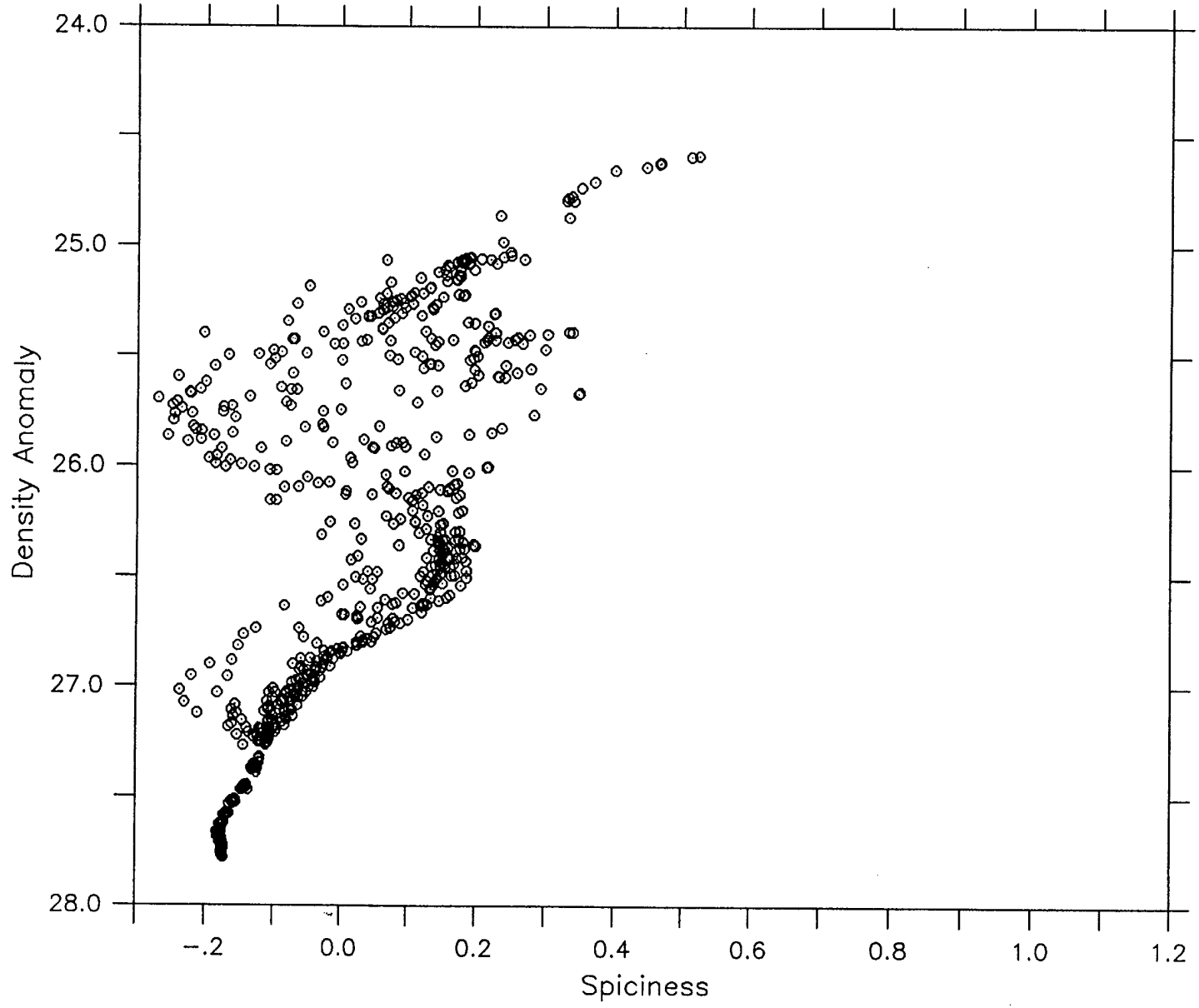
November 1989



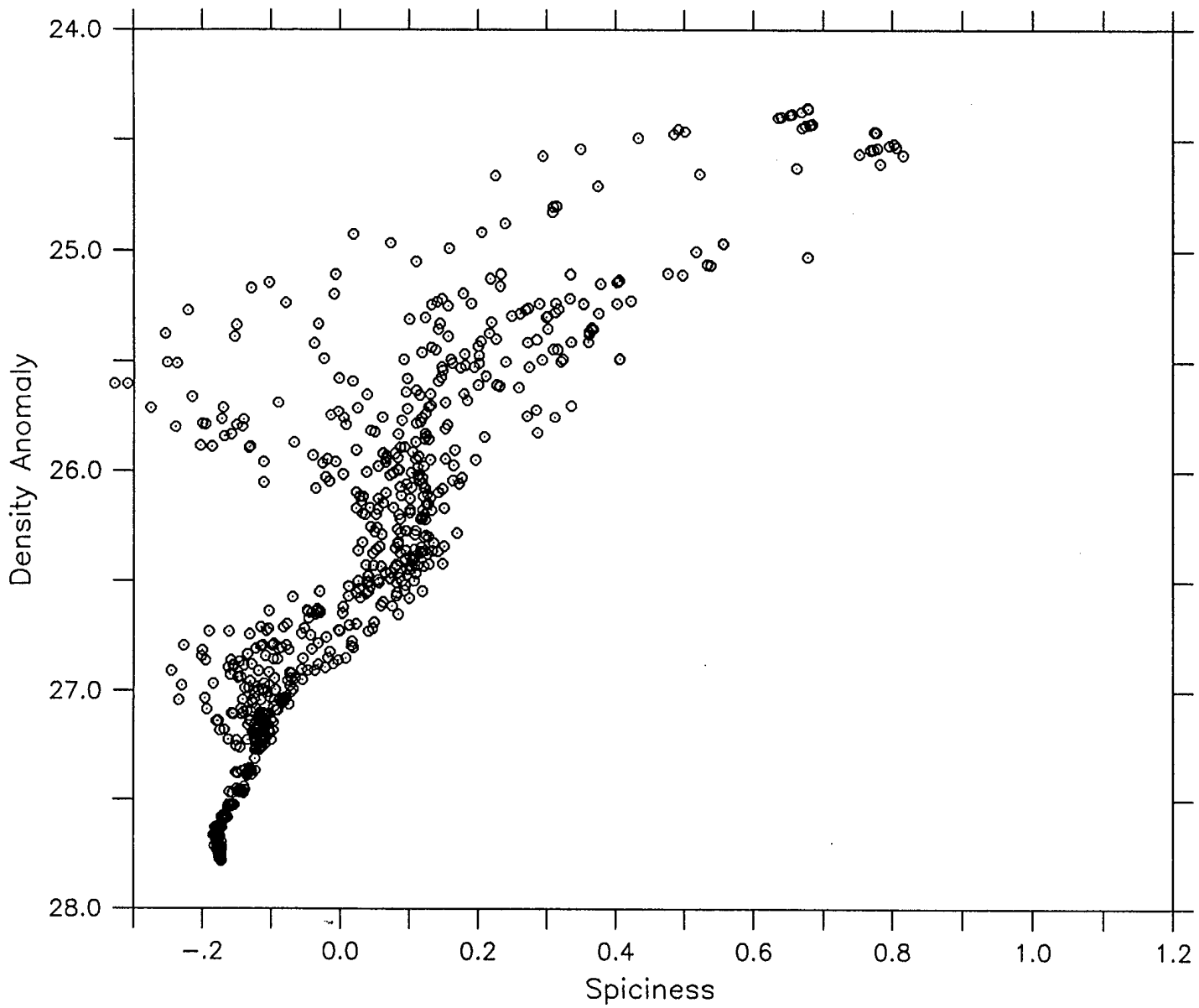
January 1990


24.0
25.0
26.0
27.0
28.0
Density Anomaly
-.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Spiciness

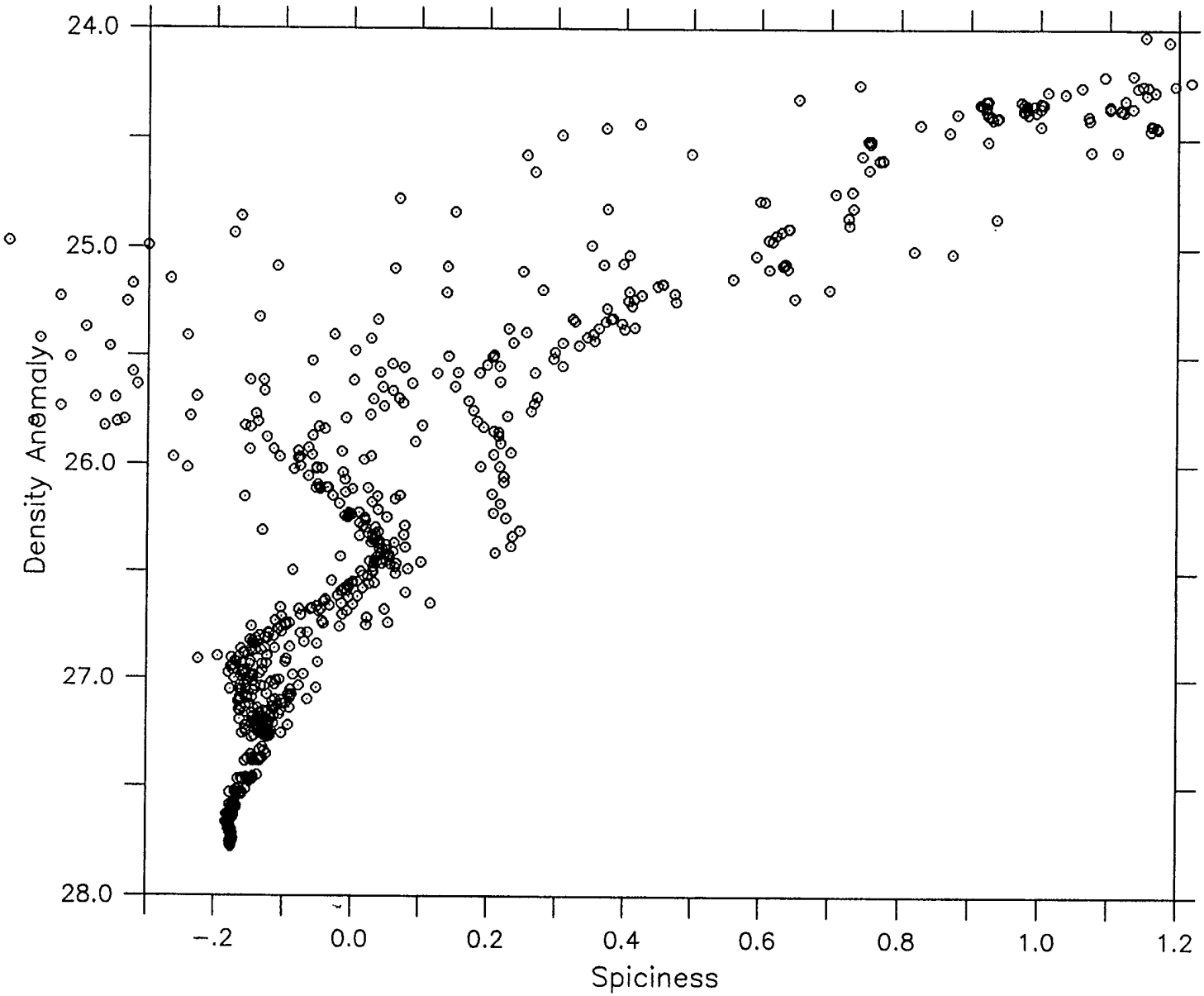
March 1990


24.0
25.0
26.0
27.0
28.0
Density Anomaly
-.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Spiciness

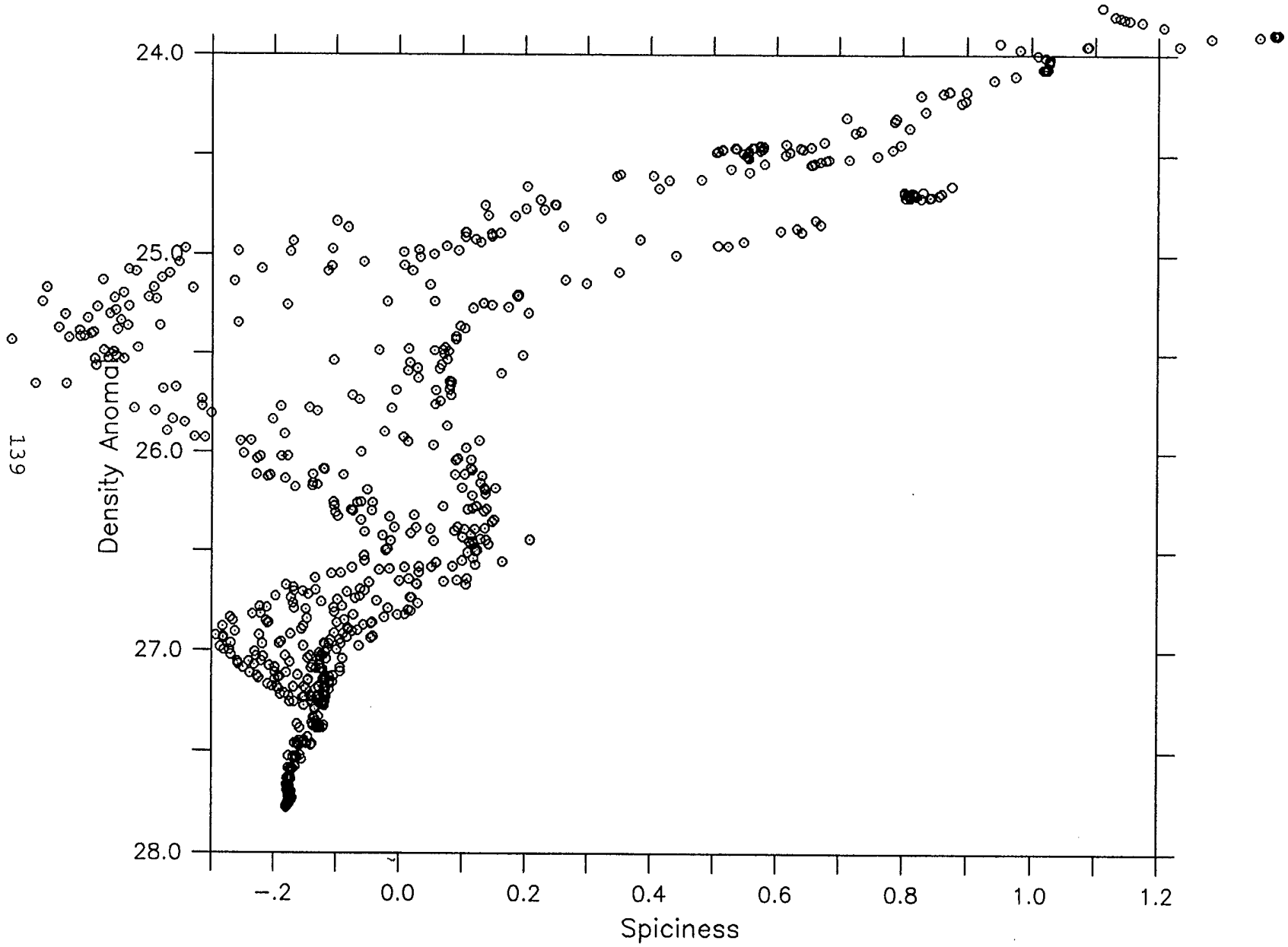
May 1990


24.0
25.0
26.0
27.0
28.0
Density Anomaly
-.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Spiciness

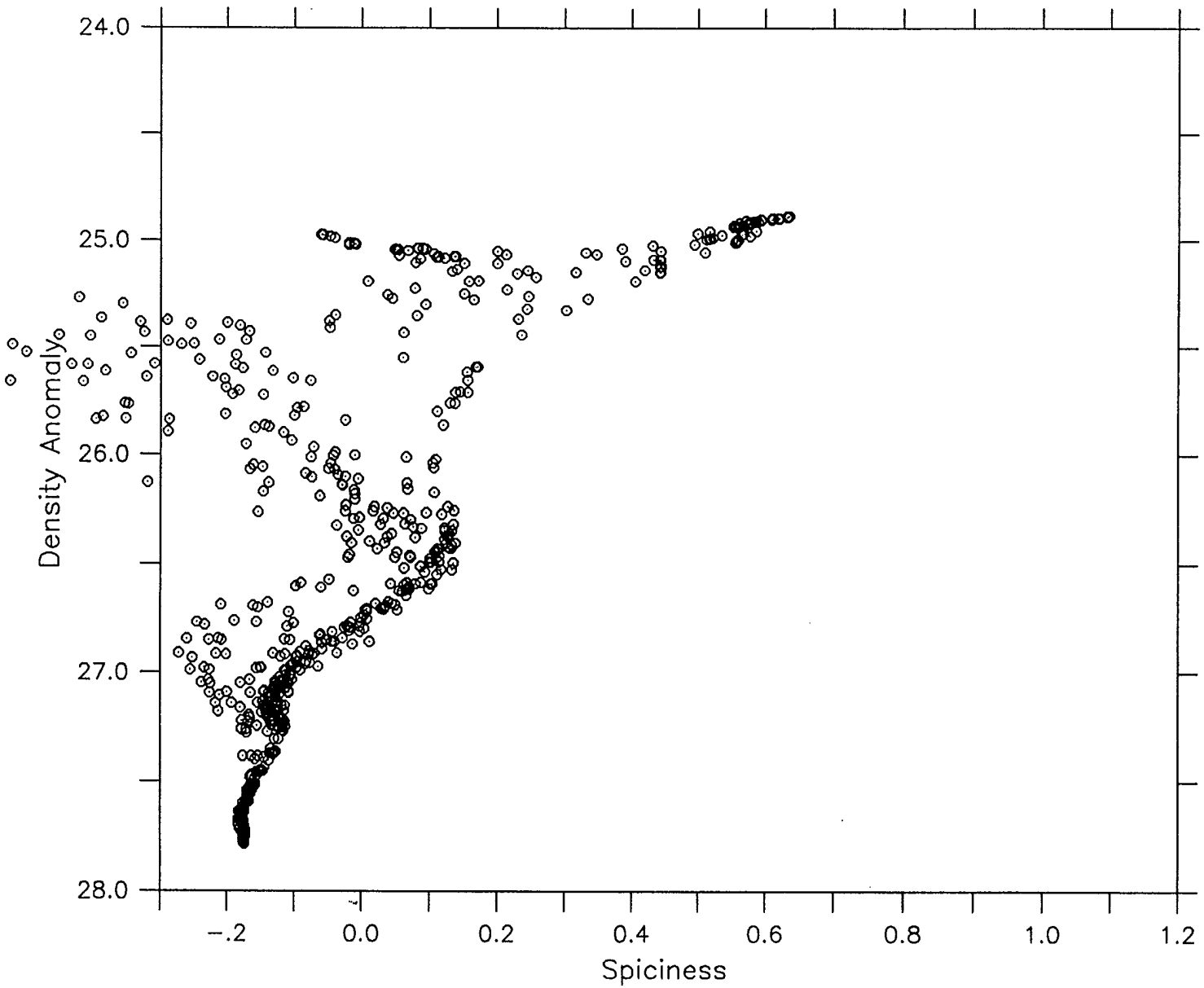
June 1990


24.0
25.0
26.0
27.0
28.0
Density Anomaly
-.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Spiciness

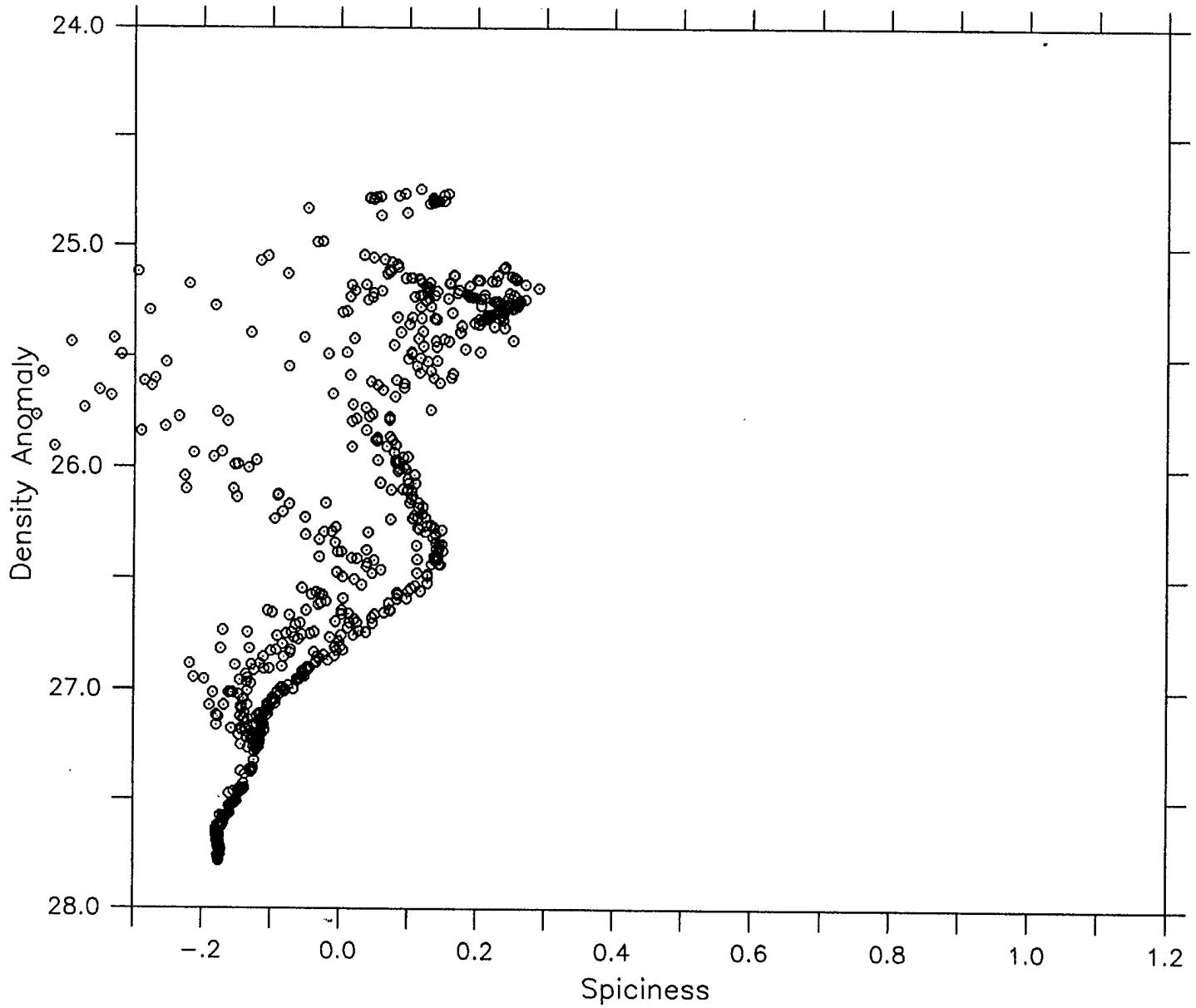
August 1990



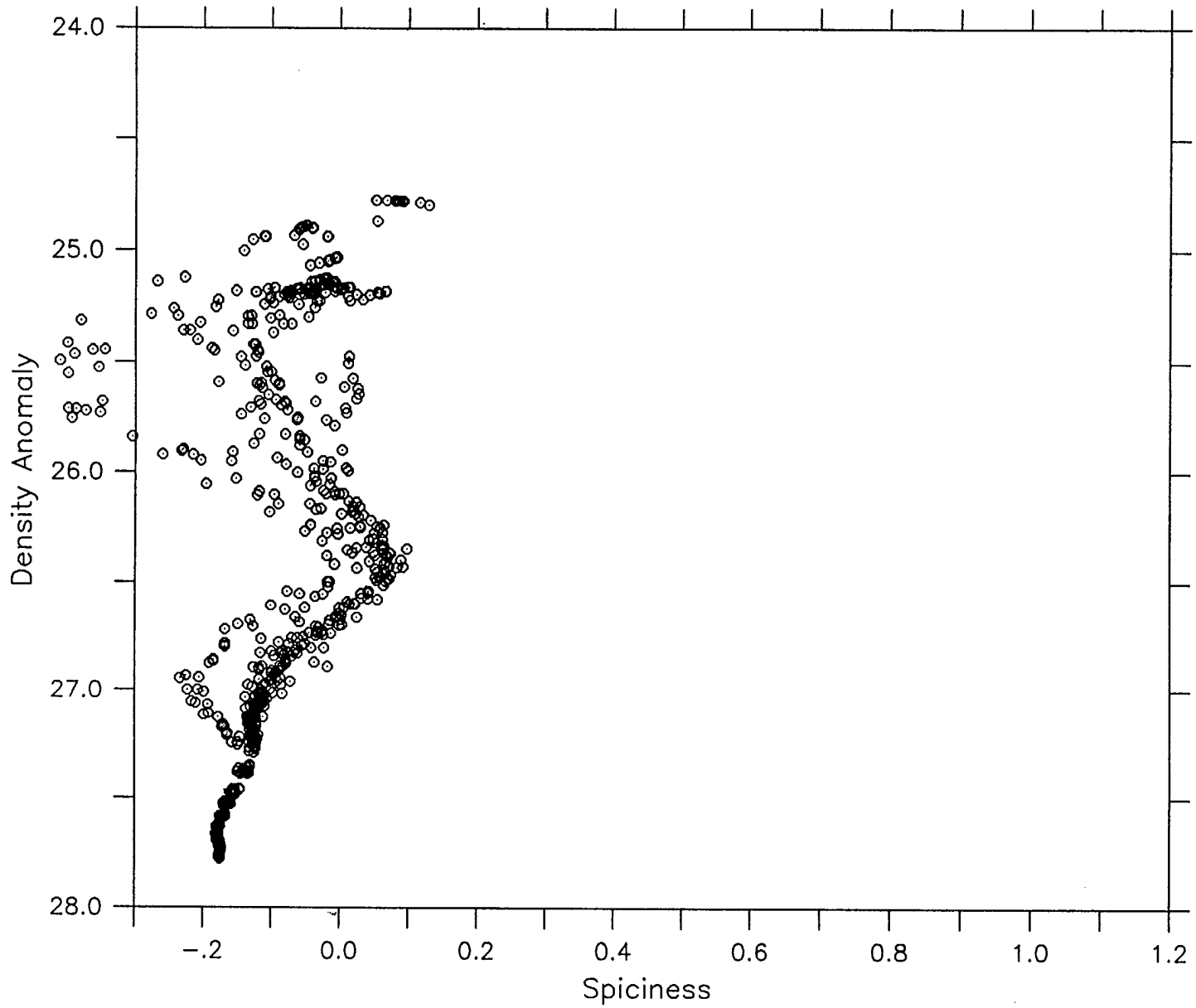
October 1990



December 1990



February 1991


24.0
25.0
26.0
27.0
28.0
Density Anomaly
-.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Spiciness

April 1991

9.0 Appendices

Table		Page
A	Hydrographic Data Tables	145-415
	The data are presented by station in chronological order beginning with the CTD cast of 17 April 1988. The tables present pressure (dbar), temperature (°C), salinity, potential density anomaly (kg-m^{-3}), specific volume (10^{-8} m^3-kg^{-1}), dynamic height, and spiciness. Salinity is computed according to PSS-78, while spiciness is based upon an unpublished manuscript by Flament (1986).	
B	Personnel List	416-417
C1	CTD Salinity Calibrations: Removal of Pressure Dependence	418
C2	CTD Salinity Calibrations	419-420
D	CTD Calibration Coefficients: Pressure, Temperature, Conductivity	421-422
E1	Cruise and Station List	423
E2	Cruise Dates and Vessel List	424

(This page left blank intentionally.)

STATION: 17 DATE: 4/17/88 0918 GMT

LAT: 36 20.3 N. LON: 122 55.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.723	33.387	25.198	275.88	0.000	0.369
5.0	12.723	33.387	25.199	276.00	0.014	0.369
10.0	12.721	33.388	25.200	276.01	0.028	0.369
15.0	12.723	33.387	25.199	276.21	0.041	0.369
20.0	12.729	33.387	25.198	276.47	0.055	0.369
25.0	12.362	33.387	25.269	269.80	0.069	0.297
30.0	12.180	33.385	25.302	266.78	0.082	0.259
40.0	11.769	33.426	25.411	256.62	0.109	0.212
50.0	11.570	33.483	25.493	249.13	0.134	0.220
60.0	10.837	33.549	25.676	231.82	0.158	0.137
70.0	10.076	33.590	25.840	216.39	0.181	0.035
80.0	9.834	33.667	25.941	207.01	0.202	0.054
100.0	9.347	33.780	26.109	191.35	0.241	0.062
120.0	9.105	33.890	26.235	179.82	0.278	0.110
140.0	8.682	33.929	26.332	170.86	0.313	0.073
160.0	8.432	33.997	26.424	162.45	0.347	0.088
180.0	8.105	34.011	26.485	156.94	0.379	0.050
200.0	7.997	34.057	26.537	152.31	0.410	0.070
250.0	7.622	34.088	26.617	145.48	0.484	0.038
300.0	7.169	34.121	26.707	137.48	0.555	-0.001
350.0	6.474	34.089	26.776	131.22	0.622	-0.120
400.0	6.296	34.159	26.855	124.35	0.686	-0.089
450.0	6.032	34.185	26.910	119.65	0.747	-0.103
500.0	5.788	34.219	26.967	114.60	0.805	-0.106
550.0	5.507	34.246	27.024	109.62	0.861	-0.119
600.0	5.129	34.270	27.087	103.71	0.915	-0.145
650.0	4.891	34.293	27.133	99.63	0.965	-0.154
700.0	4.851	34.339	27.175	96.24	1.014	-0.123
750.0	4.603	34.366	27.224	91.73	1.062	-0.130
800.0	4.462	34.387	27.256	88.96	1.107	-0.129
1000.0	3.817	34.452	27.377	78.23	1.274	-0.145
1200.0	3.286	34.506	27.472	69.51	1.420	-0.155
1400.0	2.856	34.538	27.538	63.42	1.552	-0.169
1600.0	2.590	34.566	27.585	59.37	1.675	-0.171
1800.0	2.333	34.587	27.624	55.78	1.790	-0.176
2000.0	2.068	34.615	27.669	51.42	1.897	-0.176
2200.0	1.934	34.630	27.692	49.47	1.998	-0.176
2400.0	1.836	34.642	27.710	48.10	2.095	-0.175
2600.0	1.744	34.651	27.726	46.95	2.190	-0.175
2800.0	1.689	34.659	27.737	46.29	2.284	-0.174
3000.0	1.635	34.665	27.748	45.75	2.376	-0.175
3200.0	1.593	34.670	27.756	45.40	2.466	-0.175
3400.0	1.566	34.674	27.762	45.31	2.557	-0.175
3445.6	1.561	34.674	27.763	45.37	2.578	-0.176

STATION: 16 DATE: 4/17/88 2230 GMT

LAT: 36 20.4 N. LON: 122 48.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.840	33.407	25.191	276.59	0.000	0.408
5.0	12.840	33.407	25.191	276.71	0.014	0.408
10.0	12.812	33.409	25.199	276.14	0.028	0.404
15.0	12.794	33.411	25.204	275.76	0.041	0.402
20.0	12.556	33.392	25.235	272.90	0.055	0.339
25.0	12.210	33.416	25.320	264.93	0.069	0.290
30.0	12.041	33.430	25.363	260.96	0.082	0.268
40.0	11.688	33.434	25.433	254.59	0.108	0.203
50.0	11.548	33.424	25.451	253.09	0.133	0.169
60.0	11.081	33.508	25.601	239.00	0.158	0.149
70.0	10.503	33.590	25.767	223.40	0.181	0.109
80.0	9.816	33.670	25.946	206.54	0.202	0.054
100.0	9.436	33.769	26.086	193.55	0.242	0.068
120.0	9.162	33.855	26.198	183.32	0.280	0.091
140.0	8.758	33.905	26.301	173.79	0.316	0.066
160.0	8.554	34.008	26.414	163.49	0.349	0.115
180.0	8.383	34.060	26.481	157.40	0.381	0.130
200.0	8.224	34.079	26.520	154.00	0.412	0.121
250.0	7.666	34.119	26.635	143.81	0.486	0.069
300.0	7.101	34.141	26.732	135.07	0.556	0.006
350.0	6.594	34.154	26.812	127.97	0.622	-0.053
400.0	6.176	34.184	26.890	120.92	0.685	-0.084
450.0	5.921	34.210	26.943	116.35	0.744	-0.096
500.0	5.720	34.227	26.982	113.13	0.801	-0.108
550.0	5.439	34.251	27.036	108.40	0.857	-0.124
600.0	5.211	34.285	27.090	103.61	0.910	-0.124
650.0	5.059	34.315	27.132	100.05	0.961	-0.118
700.0	4.895	34.339	27.170	96.78	1.010	-0.118
750.0	4.682	34.362	27.212	92.98	1.057	-0.124
800.0	4.458	34.393	27.262	88.46	1.103	-0.124
1000.0	3.917	34.449	27.364	79.64	1.269	-0.138
1200.0	3.186	34.516	27.490	67.61	1.418	-0.156
1400.0	2.899	34.539	27.535	63.85	1.549	-0.164
1600.0	2.556	34.566	27.588	58.97	1.672	-0.174
1800.0	2.294	34.589	27.629	55.16	1.786	-0.178
2000.0	2.066	34.613	27.667	51.53	1.892	-0.178
2200.0	1.938	34.628	27.690	49.66	1.993	-0.177
2400.0	1.830	34.642	27.711	48.02	2.091	-0.175
2600.0	1.741	34.652	27.727	46.84	2.186	-0.175
2800.0	1.692	34.658	27.736	46.41	2.279	-0.175
3000.0	1.638	34.665	27.747	45.79	2.371	-0.174
3200.0	1.606	34.668	27.753	45.73	2.462	-0.176
3248.0	1.593	34.670	27.756	45.55	2.484	-0.175

STATION: 14 DATE: 4/18/88 1041 GMT

LAT: 36 20.2 N. LON: 122 38.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.990	33.402	25.158	279.77	0.000	0.434
5.0	12.960	33.398	25.161	279.59	0.014	0.426
10.0	12.898	33.399	25.174	278.50	0.028	0.413
15.0	12.671	33.394	25.215	274.73	0.042	0.364
20.0	12.609	33.396	25.228	273.58	0.055	0.353
25.0	12.581	33.397	25.234	273.11	0.069	0.348
30.0	12.459	33.404	25.264	270.46	0.083	0.329
40.0	11.950	33.455	25.401	257.66	0.109	0.270
50.0	11.678	33.468	25.461	252.13	0.135	0.228
60.0	11.298	33.513	25.566	242.37	0.160	0.192
70.0	10.558	33.678	25.826	217.81	0.182	0.189
80.0	10.297	33.729	25.911	209.92	0.204	0.183
100.0	9.552	33.822	26.109	191.45	0.244	0.130
120.0	9.059	33.876	26.231	180.12	0.281	0.092
140.0	8.791	33.981	26.356	168.65	0.316	0.132
160.0	8.653	34.027	26.414	163.51	0.349	0.146
180.0	8.482	34.052	26.460	159.46	0.381	0.139
200.0	8.304	34.081	26.510	155.02	0.412	0.134
250.0	7.511	34.086	26.631	144.07	0.487	0.021
300.0	6.873	34.099	26.730	135.08	0.557	-0.059
350.0	6.589	34.154	26.812	127.90	0.623	-0.054
400.0	6.288	34.186	26.877	122.23	0.685	-0.068
450.0	5.948	34.215	26.944	116.32	0.745	-0.089
500.0	5.620	34.251	27.013	110.09	0.801	-0.101
550.0	5.267	34.280	27.079	104.11	0.855	-0.121
600.0	5.056	34.305	27.123	100.22	0.906	-0.126
650.0	4.916	34.330	27.160	97.18	0.955	-0.123
700.0	4.760	34.360	27.201	93.58	1.003	-0.117
750.0	4.594	34.376	27.233	90.87	1.049	-0.123
800.0	4.428	34.389	27.262	88.40	1.094	-0.131
1000.0	3.821	34.453	27.377	78.20	1.260	-0.144
1200.0	3.323	34.500	27.464	70.39	1.408	-0.156
1400.0	2.942	34.536	27.529	64.58	1.543	-0.163
1600.0	2.618	34.563	27.580	59.92	1.667	-0.171
1800.0	2.245	34.593	27.636	54.28	1.780	-0.179
2000.0	2.013	34.616	27.674	50.67	1.884	-0.179
2200.0	1.869	34.634	27.700	48.36	1.983	-0.177
2400.0	1.784	34.645	27.717	47.22	2.079	-0.176
2600.0	1.731	34.653	27.728	46.63	2.173	-0.175
2800.0	1.675	34.660	27.739	46.04	2.265	-0.175
3000.0	1.643	34.664	27.746	45.93	2.357	-0.175
3107.5	1.603	34.669	27.754	45.34	2.406	-0.174

STATION: 12 DATE: 4/18/88 1818 GMT

LAT: 36 20.2 N. LON: 122 32.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.686	33.360	25.185	277.19	0.000	0.340
5.0	12.686	33.360	25.185	277.31	0.014	0.340
10.0	12.665	33.361	25.190	276.96	0.028	0.336
15.0	12.445	33.350	25.224	273.80	0.041	0.284
20.0	12.238	33.349	25.263	270.25	0.055	0.242
25.0	12.174	33.385	25.303	266.54	0.069	0.258
30.0	11.806	33.474	25.442	253.49	0.082	0.258
40.0	11.088	33.592	25.665	232.49	0.106	0.217
50.0	10.863	33.634	25.738	225.77	0.129	0.209
60.0	10.653	33.703	25.828	217.37	0.151	0.225
70.0	10.211	33.698	25.901	210.61	0.172	0.144
80.0	9.596	33.727	26.027	198.79	0.193	0.062
100.0	9.379	33.819	26.135	188.95	0.231	0.099
120.0	8.895	33.879	26.259	177.43	0.268	0.068
140.0	8.816	33.959	26.335	170.66	0.303	0.118
160.0	8.453	33.989	26.415	163.35	0.336	0.085
180.0	8.229	34.023	26.475	157.88	0.368	0.077
200.0	8.093	34.060	26.525	153.49	0.400	0.086
250.0	7.594	34.106	26.635	143.75	0.474	0.048
300.0	7.139	34.111	26.703	137.81	0.544	-0.013
350.0	6.532	34.101	26.778	131.08	0.612	-0.103
400.0	6.354	34.144	26.836	126.22	0.676	-0.093
450.0	6.098	34.194	26.908	119.82	0.738	-0.087
500.0	5.746	34.228	26.980	113.40	0.796	-0.104
550.0	5.393	34.263	27.050	106.94	0.851	-0.120
600.0	5.105	34.304	27.117	100.89	0.903	-0.121
650.0	4.989	34.324	27.147	98.52	0.953	-0.119
700.0	4.742	34.351	27.196	94.03	1.001	-0.126
750.0	4.553	34.378	27.239	90.24	1.047	-0.125
800.0	4.421	34.392	27.265	88.10	1.091	-0.129
1000.0	3.945	34.445	27.358	80.27	1.260	-0.138
1200.0	3.469	34.488	27.441	73.00	1.413	-0.152
1400.0	3.019	34.530	27.517	65.93	1.550	-0.161
1600.0	2.631	34.562	27.578	60.15	1.675	-0.171
1800.0	2.374	34.584	27.618	56.49	1.791	-0.175
2000.0	2.065	34.613	27.667	51.52	1.898	-0.178
2153.5	1.915	34.632	27.695	48.90	1.974	-0.175

STATION: 9 DATE: 4/19/88 1218 GMT

LAT: 36 19.9 N. LON: 122 21.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.555	33.506	25.323	264.00	0.000	0.430
5.0	12.555	33.507	25.324	264.07	0.013	0.430
10.0	12.558	33.507	25.324	264.22	0.026	0.431
15.0	12.465	33.510	25.344	262.40	0.040	0.415
20.0	12.170	33.518	25.407	256.55	0.053	0.363
25.0	11.095	33.568	25.644	234.07	0.065	0.199
30.0	10.506	33.653	25.815	217.97	0.076	0.161
40.0	10.044	33.711	25.939	206.36	0.097	0.126
50.0	9.871	33.738	25.990	201.75	0.118	0.118
60.0	9.675	33.770	26.047	196.46	0.138	0.110
70.0	9.458	33.813	26.117	190.06	0.157	0.108
80.0	9.236	33.853	26.184	183.81	0.176	0.103
100.0	8.885	33.927	26.298	173.36	0.211	0.104
120.0	8.709	33.982	26.369	166.98	0.245	0.120
140.0	8.436	33.989	26.417	162.76	0.278	0.083
160.0	8.276	34.006	26.455	159.49	0.311	0.071
180.0	8.115	34.056	26.518	153.77	0.342	0.086
200.0	7.992	34.069	26.547	151.36	0.373	0.078
250.0	7.517	34.123	26.659	141.42	0.446	0.051
300.0	6.971	34.146	26.754	132.91	0.515	-0.008
350.0	6.412	34.132	26.818	127.21	0.580	-0.094
400.0	6.194	34.170	26.877	122.20	0.642	-0.093
450.0	6.072	34.198	26.915	119.18	0.703	-0.087
500.0	5.704	34.240	26.994	111.97	0.760	-0.100
550.0	5.465	34.273	27.050	107.10	0.815	-0.103
600.0	5.140	34.311	27.119	100.80	0.868	-0.112
650.0	4.841	34.353	27.186	94.56	0.916	-0.113
700.0	4.655	34.375	27.225	91.18	0.963	-0.116
750.0	4.379	34.401	27.276	86.45	1.007	-0.126
800.0	4.275	34.412	27.296	84.87	1.050	-0.129
1000.0	3.769	34.463	27.390	76.84	1.212	-0.141
1200.0	3.195	34.514	27.487	67.86	1.357	-0.157
1203.5	3.170	34.515	27.490	67.52	1.359	-0.158

STATION: 8 DATE: 4/20/88 0448 GMT

LAT: 36 20.2 N. LON: 122 18.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.298	33.477	25.350	261.44	0.000	0.356
5.0	12.302	33.476	25.349	261.67	0.013	0.356
10.0	12.152	33.488	25.387	258.22	0.026	0.336
15.0	11.334	33.561	25.595	238.52	0.039	0.239
20.0	10.860	33.643	25.745	224.41	0.050	0.216
25.0	10.827	33.651	25.757	223.37	0.061	0.217
30.0	10.799	33.658	25.767	222.47	0.072	0.217
40.0	10.580	33.682	25.825	217.27	0.094	0.197
50.0	10.427	33.692	25.859	214.19	0.116	0.177
60.0	10.148	33.713	25.924	208.26	0.137	0.145
70.0	10.061	33.728	25.950	205.94	0.158	0.142
80.0	9.721	33.762	26.034	198.15	0.178	0.111
100.0	9.192	33.856	26.194	183.31	0.216	0.097
120.0	9.052	33.903	26.253	178.07	0.252	0.111
140.0	8.768	33.982	26.360	168.23	0.287	0.129
160.0	8.443	34.024	26.443	160.61	0.320	0.111
180.0	8.288	34.038	26.478	157.64	0.352	0.098
200.0	8.141	34.070	26.526	153.45	0.383	0.101
250.0	7.532	34.076	26.620	145.10	0.457	0.016
300.0	7.053	34.126	26.727	135.51	0.527	-0.013
350.0	6.482	34.127	26.805	128.49	0.593	-0.089
400.0	6.058	34.154	26.881	121.63	0.655	-0.123
450.0	5.776	34.198	26.952	115.41	0.715	-0.124
500.0	5.460	34.223	27.010	110.18	0.771	-0.143
550.0	5.291	34.253	27.054	106.42	0.825	-0.139
600.0	5.112	34.276	27.094	103.06	0.878	-0.142
650.0	4.967	34.339	27.161	97.14	0.928	-0.110
700.0	4.850	34.353	27.186	95.19	0.976	-0.112
750.0	4.685	34.370	27.218	92.43	1.022	-0.118
800.0	4.501	34.387	27.252	89.43	1.068	-0.124
1002.1	4.191	34.425	27.317	84.73	1.245	-0.129

STATION: 7 DATE: 4/20/88 0600 GMT

LAT: 36 20.2 N. LON: 122 15.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.250	33.506	25.382	258.42	0.000	0.369
5.0	12.253	33.506	25.381	258.60	0.013	0.370
10.0	12.247	33.507	25.384	258.53	0.026	0.369
15.0	12.149	33.508	25.403	256.83	0.039	0.351
20.0	11.951	33.505	25.438	253.57	0.052	0.310
25.0	11.734	33.502	25.477	250.02	0.064	0.267
30.0	11.059	33.600	25.676	231.15	0.076	0.218
40.0	10.637	33.666	25.802	219.39	0.099	0.194
50.0	10.313	33.710	25.893	210.98	0.120	0.172
60.0	10.065	33.720	25.943	206.39	0.141	0.136
70.0	9.723	33.756	26.029	198.45	0.161	0.106
80.0	9.391	33.803	26.120	189.94	0.181	0.088
100.0	9.126	33.858	26.206	182.14	0.218	0.088
120.0	8.914	33.921	26.289	174.60	0.254	0.104
140.0	8.579	33.997	26.401	164.29	0.287	0.111
160.0	8.239	34.027	26.477	157.38	0.320	0.082
180.0	8.177	34.037	26.494	156.09	0.351	0.081
200.0	8.141	34.053	26.512	154.72	0.382	0.088
250.0	7.545	34.094	26.632	143.95	0.457	0.032
300.0	7.102	34.103	26.702	137.88	0.527	-0.024
350.0	6.736	34.136	26.779	131.20	0.594	-0.048
400.0	6.230	34.134	26.844	125.35	0.658	-0.117
450.0	5.906	34.193	26.932	117.42	0.720	-0.112
500.0	5.607	34.228	26.997	111.63	0.777	-0.121
550.0	5.334	34.254	27.050	106.87	0.832	-0.134
600.0	5.085	34.269	27.092	103.25	0.884	-0.151
650.0	4.973	34.332	27.155	97.73	0.934	-0.115
700.0	4.783	34.360	27.199	93.86	0.982	-0.114
750.0	4.576	34.383	27.240	90.15	1.029	-0.119
800.0	4.391	34.398	27.273	87.29	1.073	-0.127
999.3	3.867	34.453	27.372	78.74	1.241	-0.139

STATION: 10 DATE: 4/20/88 1011 GMT

LAT: 36 20.1 N. LON: 122 25.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.730	33.518	25.299	266.35	0.000	0.474
5.0	12.721	33.517	25.300	266.39	0.013	0.471
10.0	12.651	33.505	25.304	266.10	0.027	0.448
15.0	12.479	33.505	25.337	263.06	0.040	0.413
20.0	12.211	33.514	25.396	257.59	0.053	0.368
25.0	11.413	33.587	25.602	238.15	0.065	0.273
30.0	10.964	33.630	25.717	227.31	0.077	0.225
40.0	10.491	33.659	25.822	217.48	0.099	0.163
50.0	10.158	33.749	25.950	205.56	0.121	0.176
60.0	9.971	33.756	25.987	202.22	0.141	0.149
70.0	9.683	33.798	26.068	194.67	0.161	0.133
80.0	9.349	33.823	26.142	187.81	0.180	0.097
100.0	8.910	33.878	26.256	177.37	0.216	0.070
120.0	8.385	33.908	26.361	167.68	0.251	0.011
140.0	8.476	33.995	26.415	162.91	0.284	0.094
160.0	8.281	34.030	26.473	157.78	0.316	0.091
180.0	7.932	34.051	26.542	151.50	0.347	0.055
200.0	7.789	34.062	26.571	148.97	0.377	0.042
250.0	7.541	34.089	26.629	144.27	0.450	0.027
300.0	7.135	34.123	26.713	136.86	0.520	-0.004
350.0	6.554	34.141	26.807	128.39	0.587	-0.069
400.0	6.117	34.163	26.881	121.72	0.649	-0.108
450.0	5.661	34.157	26.933	117.00	0.709	-0.170
500.0	5.665	34.220	26.983	112.96	0.766	-0.120
550.0	5.443	34.257	27.040	108.01	0.822	-0.118
600.0	5.150	34.293	27.103	102.24	0.874	-0.125
650.0	4.998	34.333	27.153	97.97	0.924	-0.111
700.0	4.730	34.349	27.196	94.01	0.972	-0.129
750.0	4.585	34.376	27.234	90.77	1.018	-0.124
800.0	4.403	34.397	27.271	87.51	1.062	-0.127
1000.0	3.779	34.464	27.390	76.89	1.227	-0.139
1200.0	3.294	34.506	27.472	69.61	1.373	-0.154
1400.0	2.906	34.539	27.535	63.94	1.508	-0.164
1559.5	2.715	34.557	27.567	61.29	1.608	-0.167

STATION: 6 DATE: 4/20/88 1241 GMT

LAT: 36 19.9 N. LON: 122 12.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.175	33.456	25.357	260.76	0.000	0.315
5.0	12.173	33.456	25.358	260.84	0.013	0.315
10.0	12.172	33.455	25.358	261.01	0.026	0.314
15.0	12.059	33.470	25.391	257.98	0.039	0.304
20.0	11.201	33.557	25.617	236.55	0.052	0.210
25.0	11.085	33.594	25.666	231.99	0.063	0.218
30.0	10.851	33.626	25.733	225.73	0.075	0.201
40.0	10.663	33.654	25.788	220.71	0.097	0.189
50.0	10.235	33.720	25.914	208.96	0.118	0.166
60.0	9.927	33.727	25.972	203.66	0.139	0.118
70.0	9.585	33.755	26.051	196.35	0.159	0.083
80.0	9.264	33.822	26.156	186.53	0.178	0.083
100.0	9.045	33.883	26.238	179.05	0.215	0.095
120.0	9.040	33.926	26.273	176.12	0.250	0.128
140.0	8.604	33.982	26.386	165.77	0.284	0.103
160.0	8.558	34.012	26.416	163.21	0.317	0.119
180.0	8.266	34.024	26.471	158.36	0.349	0.084
200.0	7.957	34.031	26.522	153.68	0.380	0.043
250.0	7.609	34.084	26.615	145.60	0.455	0.033
300.0	6.874	34.090	26.723	135.76	0.525	-0.066
350.0	6.716	34.147	26.790	130.12	0.591	-0.043
400.0	6.292	34.143	26.843	125.48	0.655	-0.102
450.0	5.947	34.183	26.919	118.69	0.716	-0.115
500.0	5.838	34.216	26.959	115.46	0.774	-0.103
550.0	5.449	34.262	27.043	107.71	0.830	-0.114
600.0	5.180	34.287	27.095	103.08	0.883	-0.126
650.0	4.928	34.330	27.158	97.34	0.933	-0.121
700.0	4.785	34.358	27.197	94.03	0.981	-0.116
750.0	4.645	34.377	27.228	91.42	1.027	-0.116
800.0	4.330	34.410	27.289	85.67	1.071	-0.124
864.0	4.112	34.431	27.329	82.11	1.125	-0.131

STATION: 5 DATE: 4/20/88 1400 GMT

LAT: 36 20.2 N. LON: 122 8.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.241	33.480	25.364	260.18	0.000	0.347
5.0	12.240	33.480	25.364	260.28	0.013	0.347
10.0	11.893	33.534	25.472	250.15	0.026	0.323
15.0	11.679	33.561	25.533	244.47	0.038	0.303
20.0	11.566	33.572	25.562	241.81	0.050	0.290
25.0	11.271	33.597	25.636	234.91	0.062	0.255
30.0	10.973	33.638	25.721	226.87	0.074	0.233
40.0	10.633	33.677	25.812	218.49	0.096	0.202
50.0	10.426	33.695	25.862	213.95	0.118	0.179
60.0	10.379	33.697	25.872	213.23	0.139	0.173
70.0	10.334	33.703	25.884	212.25	0.160	0.169
80.0	10.100	33.721	25.938	207.28	0.181	0.143
100.0	9.742	33.758	26.028	199.16	0.222	0.111
120.0	9.330	33.816	26.141	188.79	0.260	0.088
140.0	8.730	33.941	26.334	170.70	0.296	0.090
160.0	8.405	34.003	26.433	161.63	0.329	0.088
180.0	8.156	34.045	26.504	155.19	0.360	0.084
200.0	7.967	34.063	26.546	151.45	0.391	0.070
250.0	7.502	34.087	26.633	143.86	0.465	0.020
300.0	7.085	34.101	26.703	137.83	0.535	-0.028
350.0	6.953	34.153	26.763	132.88	0.603	-0.006
400.0	6.730	34.167	26.804	129.53	0.668	-0.025
450.0	6.179	34.185	26.891	121.54	0.731	-0.084
500.0	5.580	34.258	27.024	109.07	0.788	-0.101
550.0	5.394	34.281	27.065	105.61	0.842	-0.105
600.0	5.267	34.297	27.093	103.41	0.895	-0.108
650.0	5.146	34.312	27.119	101.35	0.946	-0.111
654.0	5.140	34.314	27.121	101.17	0.950	-0.110

STATION: 4 DATE: 4/20/88 1730 GMT

LAT: 36 20.2 N. LON: 122 5.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.237	33.480	25.364	260.11	0.000	0.346
5.0	12.271	33.489	25.365	260.16	0.013	0.360
10.0	12.091	33.519	25.423	254.82	0.026	0.349
15.0	11.730	33.549	25.514	246.25	0.038	0.303
20.0	11.331	33.592	25.620	236.23	0.050	0.262
25.0	11.154	33.609	25.666	232.06	0.062	0.242
30.0	10.892	33.635	25.733	225.76	0.074	0.215
40.0	10.315	33.690	25.877	212.27	0.096	0.157
50.0	10.141	33.715	25.926	207.80	0.117	0.146
60.0	10.063	33.724	25.947	206.07	0.137	0.139
70.0	9.746	33.749	26.019	199.34	0.158	0.105
80.0	9.413	33.818	26.128	189.14	0.177	0.104
100.0	9.128	33.870	26.215	181.29	0.214	0.098
120.0	8.773	33.938	26.325	171.19	0.249	0.095
140.0	8.707	33.952	26.346	169.54	0.283	0.095
160.0	8.224	34.024	26.477	157.40	0.316	0.078
180.0	8.159	34.032	26.493	156.20	0.347	0.074
200.0	8.096	34.038	26.507	155.17	0.379	0.069
250.0	7.867	34.059	26.558	151.12	0.455	0.051
300.0	7.695	34.078	26.599	148.05	0.531	0.040
310.0	7.702	34.076	26.596	148.47	0.545	0.039

STATION: 3 DATE: 4/20/88 1830 GMT

LAT: 36 20.2 N. LON: 122 1.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.597	33.578	25.560	241.46	0.000	0.301
5.0	11.623	33.575	25.553	242.28	0.012	0.303
10.0	11.387	33.589	25.608	237.21	0.024	0.270
15.0	10.889	33.644	25.740	224.73	0.036	0.223
20.0	10.718	33.664	25.786	220.47	0.047	0.207
25.0	10.348	33.704	25.882	211.48	0.058	0.173
30.0	10.210	33.707	25.908	209.09	0.068	0.152
40.0	10.075	33.730	25.949	205.45	0.089	0.146
50.0	9.745	33.778	26.042	196.78	0.109	0.128
60.0	9.592	33.803	26.087	192.71	0.128	0.122
70.0	9.582	33.805	26.090	192.59	0.148	0.122
80.0	9.168	33.868	26.207	181.69	0.166	0.103
100.0	8.959	33.910	26.273	175.74	0.202	0.103
120.0	8.913	33.917	26.286	174.87	0.237	0.101
127.6	8.730	33.948	26.339	169.96	0.250	0.096

STATION: 2 DATE: 4/20/88 1948 GMT

LAT: 36 20.1 N. LON: 121 59.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.230	33.505	25.385	258.14	0.000	0.365
5.0	12.230	33.505	25.385	258.25	0.013	0.365
10.0	12.230	33.505	25.385	258.37	0.026	0.365
15.0	11.981	33.523	25.447	252.64	0.039	0.331
20.0	11.615	33.560	25.544	243.55	0.051	0.290
25.0	11.430	33.585	25.597	238.54	0.063	0.275
30.0	11.171	33.611	25.665	232.26	0.075	0.248
40.0	10.900	33.640	25.736	225.74	0.098	0.221
50.0	10.802	33.651	25.761	223.51	0.120	0.211
60.0	10.521	33.686	25.838	216.41	0.142	0.189
70.0	10.298	33.718	25.902	210.55	0.164	0.175
80.0	9.972	33.762	25.992	202.19	0.184	0.153
99.5	9.462	33.832	26.131	189.27	0.221	0.123

STATION: 1 DATE: 4/20/88 2023 GMT

LAT: 36 20.2 N. LON: 121 57.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.362	33.489	25.347	261.72	0.000	0.378
5.0	12.363	33.489	25.348	261.83	0.013	0.378
10.0	12.266	33.493	25.369	259.93	0.026	0.362
15.0	12.077	33.528	25.432	254.05	0.039	0.353
20.0	11.987	33.554	25.469	250.62	0.052	0.356
25.0	11.946	33.564	25.485	249.26	0.064	0.356
30.0	11.900	33.568	25.497	248.22	0.077	0.350
40.0	11.901	33.570	25.498	248.35	0.101	0.352
50.0	11.460	33.607	25.609	238.04	0.126	0.297
60.2	11.318	33.622	25.647	234.67	0.150	0.283

STATION: 18 DATE: 4/22/88 0636 GMT

LAT: 36 20.1 N. LON: 123 3.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.309	33.087	25.046	290.42	0.000	0.048
5.0	12.308	33.135	25.083	286.97	0.014	0.086
10.0	12.141	33.159	25.134	282.30	0.029	0.072
15.0	11.402	33.425	25.477	249.70	0.042	0.143
20.0	11.025	33.478	25.587	239.41	0.054	0.115
25.0	10.478	33.536	25.728	226.08	0.066	0.063
30.0	10.378	33.576	25.777	221.54	0.077	0.077
40.0	10.227	33.633	25.847	215.07	0.099	0.096
50.0	9.937	33.644	25.906	209.73	0.120	0.055
60.0	10.071	33.782	25.990	201.93	0.140	0.186
70.0	9.921	33.776	26.011	200.12	0.160	0.156
80.0	9.513	33.789	26.089	192.89	0.180	0.097
100.0	9.042	33.870	26.229	179.97	0.217	0.084
120.0	8.649	33.951	26.354	168.39	0.252	0.086
140.0	8.447	33.999	26.423	162.18	0.285	0.092
160.0	8.313	34.053	26.486	156.55	0.317	0.114
180.0	7.843	34.011	26.523	153.20	0.348	0.011
200.0	7.599	34.010	26.558	150.16	0.378	-0.026
250.0	7.347	34.108	26.671	140.15	0.451	0.015
300.0	6.405	34.046	26.751	132.84	0.519	-0.163
350.0	6.088	34.112	26.844	124.50	0.583	-0.152
400.0	6.078	34.188	26.906	119.35	0.644	-0.093
450.0	5.682	34.209	26.972	113.39	0.703	-0.127
500.0	5.487	34.246	27.025	108.80	0.758	-0.121
550.0	5.277	34.276	27.074	104.55	0.811	-0.123
600.0	5.003	34.283	27.112	101.21	0.863	-0.149
650.0	4.915	34.328	27.158	97.32	0.913	-0.124
700.0	4.748	34.350	27.195	94.17	0.960	-0.126
750.0	4.553	34.369	27.232	90.90	1.007	-0.133
800.0	4.411	34.390	27.264	88.12	1.051	-0.132
1000.0	3.771	34.453	27.382	77.61	1.217	-0.149
1200.0	3.303	34.498	27.464	70.30	1.364	-0.159
1400.0	2.883	34.543	27.540	63.37	1.498	-0.163
1600.0	2.581	34.566	27.585	59.26	1.620	-0.172
1800.0	2.246	34.592	27.635	54.37	1.734	-0.179
2000.0	2.046	34.616	27.671	51.07	1.839	-0.177
2200.0	1.920	34.629	27.693	49.36	1.939	-0.177
2400.0	1.823	34.640	27.710	48.07	2.036	-0.177
2600.0	1.747	34.652	27.726	46.91	2.131	-0.174
2800.0	1.688	34.660	27.738	46.21	2.225	-0.174
3000.0	1.640	34.664	27.746	45.89	2.317	-0.175
3200.0	1.601	34.670	27.755	45.52	2.408	-0.174
3365.9	1.593	34.672	27.759	45.75	2.484	-0.175

STATION: 21 DATE: 4/23/88 0136 GMT

LAT: 35 57.2 N. LON: 123 51.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.738	33.095	24.969	297.69	0.000	0.140
5.0	12.738	33.095	24.970	297.78	0.015	0.140
10.0	12.734	33.096	24.971	297.78	0.030	0.139
15.0	12.708	33.096	24.976	297.41	0.045	0.134
20.0	12.669	33.106	24.992	296.06	0.059	0.134
25.0	12.558	33.112	25.018	293.69	0.074	0.117
30.0	12.409	33.139	25.068	289.09	0.089	0.108
40.0	11.793	33.240	25.262	270.77	0.117	0.069
50.0	12.046	33.347	25.298	267.62	0.143	0.202
60.0	11.985	33.382	25.337	264.17	0.170	0.218
70.0	11.624	33.350	25.380	260.32	0.196	0.124
80.0	10.257	33.277	25.565	242.71	0.221	-0.183
100.0	9.932	33.664	25.923	209.19	0.266	0.068
120.0	9.233	33.740	26.097	192.91	0.306	0.012
140.0	9.014	33.839	26.210	182.57	0.344	0.055
160.0	8.754	33.921	26.315	172.90	0.379	0.078
180.0	8.548	33.981	26.394	165.73	0.413	0.093
200.0	8.206	33.996	26.458	159.89	0.446	0.052
250.0	7.704	34.057	26.580	148.95	0.523	0.025
300.0	7.121	34.076	26.678	140.16	0.595	-0.043
350.0	6.689	34.116	26.769	132.07	0.663	-0.071
400.0	6.251	34.140	26.846	125.17	0.727	-0.110
450.0	5.901	34.170	26.914	119.07	0.788	-0.131
500.0	5.492	34.177	26.970	113.99	0.846	-0.175
550.0	5.230	34.212	27.029	108.71	0.902	-0.179
600.0	5.022	34.250	27.084	103.89	0.955	-0.173
650.0	4.771	34.275	27.132	99.51	1.006	-0.182
700.0	4.595	34.307	27.178	95.52	1.055	-0.176
750.0	4.439	34.341	27.222	91.62	1.101	-0.167
800.0	4.252	34.369	27.264	87.79	1.146	-0.165
1000.0	3.779	34.452	27.380	77.78	1.311	-0.149
1200.0	3.307	34.501	27.466	70.13	1.459	-0.157
1400.0	2.885	34.538	27.536	63.76	1.593	-0.166
1600.0	2.594	34.564	27.583	59.57	1.716	-0.172
1800.0	2.289	34.588	27.628	55.18	1.831	-0.179
2000.0	2.062	34.609	27.664	51.78	1.938	-0.181
2200.0	1.909	34.629	27.693	49.23	2.038	-0.178
2400.0	1.808	34.642	27.713	47.74	2.135	-0.177
2600.0	1.727	34.652	27.728	46.65	2.229	-0.176
2800.0	1.672	34.660	27.739	45.99	2.322	-0.175
3000.0	1.632	34.665	27.748	45.71	2.413	-0.175
3200.0	1.597	34.669	27.755	45.53	2.504	-0.175
3400.0	1.566	34.674	27.762	45.31	2.595	-0.175
3600.0	1.538	34.677	27.768	45.24	2.686	-0.176
3800.0	1.515	34.681	27.774	45.15	2.776	-0.176
3901.8	1.494	34.684	27.779	44.89	2.822	-0.175

STATION: 22 DATE: 4/23/88 1718 GMT

LAT: 35 47.4 N. LON: 124 12.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.287	32.953	24.751	318.47	0.000	0.138
5.0	13.262	32.954	24.757	318.03	0.016	0.134
10.0	13.237	32.955	24.763	317.61	0.032	0.129
15.0	13.227	32.955	24.765	317.54	0.048	0.127
20.0	13.227	32.955	24.765	317.66	0.064	0.127
25.0	13.221	32.956	24.767	317.60	0.079	0.127
30.0	13.210	32.965	24.777	316.84	0.095	0.131
40.0	12.818	33.082	24.945	301.08	0.126	0.144
50.0	12.684	33.124	25.003	295.76	0.156	0.150
60.0	12.272	33.118	25.078	288.85	0.185	0.064
70.0	12.187	33.156	25.124	284.71	0.214	0.077
80.0	11.996	33.185	25.183	279.34	0.242	0.063
100.0	11.801	33.293	25.304	268.34	0.297	0.111
120.0	9.957	33.502	25.792	221.98	0.346	-0.057
140.0	9.179	33.649	26.035	199.20	0.388	-0.070
160.0	8.726	33.772	26.202	183.53	0.426	-0.045
180.0	8.332	33.853	26.326	172.01	0.462	-0.042
200.0	7.890	33.901	26.430	162.36	0.495	-0.070
250.0	7.235	33.968	26.577	149.01	0.572	-0.112
300.0	6.706	34.011	26.683	139.39	0.644	-0.151
350.0	6.110	34.025	26.772	131.26	0.712	-0.218
400.0	6.011	34.096	26.841	125.35	0.776	-0.175
450.0	5.646	34.116	26.903	119.86	0.837	-0.204
500.0	5.437	34.181	26.980	113.00	0.896	-0.178
550.0	5.226	34.233	27.046	107.10	0.950	-0.163
600.0	5.080	34.275	27.097	102.74	1.003	-0.147
650.0	4.856	34.309	27.150	98.01	1.053	-0.146
700.0	4.690	34.336	27.190	94.51	1.101	-0.143
750.0	4.517	34.356	27.225	91.44	1.148	-0.147
800.0	4.323	34.370	27.258	88.56	1.193	-0.157
1000.0	3.771	34.452	27.381	77.69	1.359	-0.150
1200.0	3.308	34.497	27.463	70.43	1.507	-0.160
1400.0	2.918	34.534	27.529	64.45	1.641	-0.167
1600.0	2.604	34.563	27.581	59.76	1.765	-0.172
1800.0	2.297	34.586	27.626	55.42	1.880	-0.180
2000.0	2.059	34.609	27.665	51.74	1.987	-0.181
2200.0	1.908	34.627	27.692	49.36	2.088	-0.180
2400.0	1.816	34.640	27.710	47.99	2.185	-0.178
2600.0	1.729	34.650	27.726	46.82	2.280	-0.177
2800.0	1.664	34.660	27.740	45.88	2.372	-0.175
3000.0	1.616	34.666	27.750	45.41	2.464	-0.175
3200.0	1.587	34.671	27.757	45.25	2.554	-0.175
3400.0	1.558	34.673	27.762	45.26	2.645	-0.176
3600.0	1.530	34.677	27.769	45.12	2.735	-0.176
3800.0	1.514	34.681	27.774	45.14	2.825	-0.176
3960.1	1.484	34.686	27.782	44.74	2.897	-0.175

STATION: 32 DATE: 4/25/88 2241 GMT

LAT: 36 47.8 N. LON: 121 49.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.107	33.584	25.275	268.57	0.000	0.602
5.0	13.112	33.588	25.278	268.46	0.013	0.606
10.0	12.825	33.583	25.331	263.55	0.027	0.544
15.0	12.522	33.588	25.394	257.72	0.040	0.487
20.0	12.349	33.601	25.437	253.68	0.053	0.464
25.0	12.207	33.617	25.476	250.08	0.065	0.448
30.0	11.968	33.634	25.536	244.55	0.078	0.416
40.0	11.453	33.672	25.661	232.86	0.101	0.348
50.0	11.305	33.686	25.699	229.50	0.124	0.331
60.0	9.591	33.852	26.125	189.06	0.146	0.161
71.3	9.354	33.877	26.184	183.72	0.167	0.141

STATION: 31 DATE: 4/25/88 2330 GMT

LAT: 36 47.6 N. LON: 121 52.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.641	33.554	25.344	262.05	0.000	0.485
5.0	12.641	33.556	25.345	262.04	0.013	0.486
10.0	12.605	33.556	25.353	261.48	0.026	0.479
15.0	12.536	33.557	25.367	260.25	0.039	0.466
20.0	12.239	33.562	25.428	254.58	0.052	0.411
25.0	11.880	33.586	25.515	246.41	0.065	0.361
30.0	11.589	33.604	25.583	240.08	0.077	0.319
40.0	11.026	33.659	25.728	226.45	0.100	0.259
50.0	10.240	33.748	25.935	206.94	0.121	0.189
60.0	10.127	33.765	25.968	204.08	0.142	0.182
70.0	9.748	33.806	26.063	195.18	0.162	0.150
80.0	9.354	33.857	26.168	185.39	0.181	0.125
100.0	9.099	33.900	26.243	178.62	0.217	0.117
120.0	8.744	33.943	26.333	170.40	0.252	0.094
140.0	8.433	33.979	26.409	163.46	0.285	0.074
160.0	8.178	34.017	26.478	157.25	0.317	0.065
180.0	7.946	34.037	26.528	152.77	0.349	0.046
200.0	7.710	34.066	26.586	147.59	0.379	0.034
250.0	7.094	34.121	26.716	135.73	0.450	-0.011
300.0	6.779	34.150	26.783	130.03	0.517	-0.031
332.1	6.645	34.161	26.810	127.88	0.558	-0.041

STATION: 30 DATE: 4/26/88 0118 GMT

LAT: 36 46.7 N. LON: 121 56.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.711	33.538	25.318	264.53	0.000	0.486
5.0	12.704	33.538	25.320	264.48	0.013	0.485
10.0	12.702	33.538	25.320	264.59	0.026	0.484
15.0	12.684	33.539	25.324	264.34	0.040	0.481
20.0	12.557	33.537	25.348	262.21	0.053	0.454
25.0	12.298	33.549	25.406	256.74	0.066	0.412
30.0	12.085	33.561	25.457	252.05	0.079	0.381
40.0	11.413	33.605	25.616	237.14	0.103	0.287
50.0	10.922	33.668	25.754	224.25	0.126	0.247
60.0	10.310	33.728	25.907	209.82	0.148	0.185
70.0	9.830	33.791	26.038	197.55	0.168	0.153
80.0	9.576	33.820	26.103	191.55	0.187	0.133
100.0	9.262	33.860	26.186	184.10	0.225	0.112
120.0	8.993	33.917	26.273	176.11	0.261	0.113
140.0	8.721	33.958	26.348	169.33	0.295	0.102
160.0	8.414	34.003	26.432	161.72	0.329	0.090
180.0	8.099	34.034	26.503	155.20	0.360	0.066
200.0	7.791	34.061	26.570	149.11	0.391	0.042
250.0	7.338	34.102	26.668	140.48	0.463	0.009
300.0	6.976	34.130	26.741	134.18	0.531	-0.020
350.0	6.567	34.165	26.824	126.80	0.596	-0.048
400.0	6.042	34.208	26.926	117.44	0.658	-0.083
450.0	5.916	34.223	26.954	115.32	0.716	-0.087
500.0	5.751	34.234	26.984	113.02	0.773	-0.099
501.6	5.692	34.238	26.994	111.99	0.775	-0.103

STATION: 28 DATE: 4/26/88 0800 GMT

LAT: 36 45.4 N. LON: 122 3.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.510	33.537	25.356	260.89	0.000	0.445
5.0	12.513	33.536	25.355	261.17	0.013	0.444
10.0	12.515	33.535	25.354	261.36	0.026	0.444
15.0	12.507	33.538	25.358	261.10	0.039	0.445
20.0	12.416	33.545	25.381	259.07	0.052	0.432
25.0	12.150	33.561	25.445	253.12	0.065	0.393
30.0	11.852	33.583	25.517	246.29	0.077	0.353
40.0	10.930	33.609	25.707	228.50	0.101	0.202
50.0	10.732	33.660	25.781	221.61	0.123	0.207
60.0	10.330	33.709	25.889	211.55	0.145	0.173
70.0	10.160	33.729	25.934	207.51	0.166	0.159
80.0	10.044	33.748	25.969	204.41	0.187	0.154
100.0	9.281	33.858	26.181	184.52	0.226	0.114
120.0	9.091	33.907	26.250	178.35	0.262	0.121
140.0	8.833	33.913	26.296	174.34	0.297	0.084
160.0	8.707	33.934	26.332	171.23	0.332	0.081
180.0	8.372	33.994	26.431	162.10	0.365	0.077
200.0	8.147	34.017	26.483	157.47	0.397	0.060
250.0	7.658	34.054	26.584	148.55	0.474	0.016
300.0	7.213	34.087	26.674	140.60	0.546	-0.021
350.0	6.690	34.112	26.765	132.40	0.614	-0.074
400.0	6.383	34.119	26.812	128.43	0.680	-0.109
450.0	6.024	34.176	26.903	120.21	0.742	-0.111
500.0	5.636	34.220	26.987	112.60	0.800	-0.124
550.0	5.359	34.273	27.062	105.78	0.854	-0.116
600.0	5.105	34.303	27.116	100.99	0.906	-0.122
650.0	4.948	34.320	27.148	98.32	0.956	-0.127
700.0	4.803	34.337	27.178	95.80	1.005	-0.130
712.1	4.777	34.340	27.184	95.39	1.016	-0.131

STATION: 29 DATE: 4/26/88 1000 GMT

LAT: 36 42.6 N. LON: 122 1.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.494	33.551	25.370	259.56	0.000	0.453
5.0	12.494	33.551	25.370	259.65	0.013	0.453
10.0	12.472	33.556	25.378	259.04	0.026	0.452
15.0	12.424	33.558	25.390	258.08	0.039	0.445
20.0	12.382	33.561	25.400	257.24	0.052	0.438
25.0	12.288	33.565	25.421	255.35	0.065	0.423
30.0	11.979	33.576	25.488	249.11	0.077	0.371
40.0	10.975	33.645	25.726	226.64	0.101	0.238
50.0	10.626	33.680	25.815	218.41	0.123	0.203
60.0	10.296	33.718	25.902	210.32	0.145	0.175
70.0	10.020	33.741	25.967	204.34	0.165	0.145
80.0	9.868	33.766	26.012	200.23	0.186	0.139
100.0	9.598	33.803	26.086	193.61	0.225	0.122
120.0	9.288	33.864	26.185	184.54	0.263	0.119
140.0	8.921	33.933	26.297	174.21	0.298	0.114
160.0	8.563	33.988	26.396	165.11	0.332	0.101
180.0	8.369	34.025	26.456	159.80	0.365	0.100
200.0	8.167	34.048	26.505	155.46	0.396	0.087
250.0	7.577	34.084	26.620	145.16	0.471	0.028
300.0	7.158	34.114	26.703	137.85	0.542	-0.008
350.0	6.803	34.151	26.781	130.99	0.609	-0.028
400.0	6.469	34.157	26.831	126.73	0.674	-0.068
450.0	6.139	34.195	26.904	120.28	0.735	-0.081
500.0	5.754	34.219	26.972	114.17	0.793	-0.110
550.0	5.411	34.259	27.045	107.47	0.848	-0.121
600.0	5.141	34.298	27.108	101.78	0.901	-0.122
650.0	4.883	34.326	27.160	97.09	0.950	-0.129
700.0	4.646	34.355	27.210	92.56	0.998	-0.133
750.0	4.545	34.370	27.233	90.74	1.043	-0.133
800.0	4.375	34.386	27.265	87.99	1.088	-0.139
1000.0	3.841	34.446	27.369	78.95	1.254	-0.147
1200.0	3.356	34.491	27.454	71.44	1.403	-0.160
1400.0	2.947	34.530	27.524	65.10	1.541	-0.168
1412.2	2.795	34.544	27.548	62.34	1.548	-0.170

STATION: 26 DATE: 4/26/88 1453 GMT

LAT: 36 38.6 N. LON: 122 8.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.562	33.532	25.342	262.21	0.000	0.452
5.0	12.562	33.534	25.344	262.19	0.013	0.453
10.0	12.552	33.534	25.346	262.11	0.026	0.451
15.0	12.075	33.564	25.460	251.35	0.039	0.381
20.0	11.856	33.585	25.518	245.98	0.051	0.355
25.0	11.507	33.600	25.595	238.80	0.064	0.301
30.0	11.003	33.638	25.715	227.42	0.075	0.238
40.0	10.490	33.696	25.851	214.73	0.097	0.192
50.0	10.228	33.710	25.907	209.60	0.118	0.157
60.0	9.919	33.781	26.015	199.56	0.139	0.160
70.0	9.650	33.815	26.087	192.94	0.158	0.141
80.0	9.578	33.820	26.103	191.61	0.178	0.133
100.0	9.358	33.849	26.162	186.40	0.216	0.119
120.0	9.166	33.872	26.211	182.11	0.252	0.105
140.0	8.951	33.915	26.279	175.99	0.288	0.105
160.0	8.653	33.965	26.365	168.10	0.323	0.097
180.0	8.294	34.016	26.460	159.33	0.355	0.082
200.0	8.129	34.039	26.503	155.59	0.387	0.074
250.0	7.520	34.090	26.633	143.91	0.462	0.025
300.0	7.281	34.126	26.695	138.66	0.532	0.019
350.0	6.854	34.153	26.776	131.53	0.600	-0.019
400.0	6.528	34.174	26.837	126.29	0.664	-0.047
450.0	6.159	34.180	26.890	121.66	0.726	-0.090
500.0	5.717	34.218	26.975	113.77	0.785	-0.116
550.0	5.378	34.266	27.055	106.54	0.840	-0.119
600.0	5.148	34.303	27.111	101.50	0.892	-0.117
650.0	4.948	34.331	27.157	97.50	0.941	-0.118
700.0	4.799	34.348	27.188	94.94	0.989	-0.122
750.0	4.611	34.372	27.228	91.40	1.036	-0.124
800.0	4.407	34.386	27.261	88.37	1.081	-0.135
1000.0	3.762	34.460	27.388	76.99	1.246	-0.144
1200.0	3.387	34.492	27.452	71.74	1.395	-0.156
1400.0	2.927	34.530	27.525	64.85	1.530	-0.169
1600.0	2.593	34.559	27.579	59.92	1.656	-0.176
1800.0	2.228	34.593	27.637	54.08	1.771	-0.180
2000.0	2.031	34.612	27.669	51.18	1.875	-0.181
2025.7	2.030	34.612	27.669	51.27	1.889	-0.181

STATION: 27 DATE: 4/26/88 2041 GMT

LAT: 36 43.5 N. LON: 122 13.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.504	33.568	25.381	258.49	0.000	0.469
5.0	12.475	33.552	25.375	259.24	0.013	0.450
10.0	12.305	33.556	25.410	255.97	0.026	0.420
15.0	12.270	33.557	25.418	255.38	0.039	0.414
20.0	12.251	33.557	25.422	255.14	0.051	0.409
25.0	12.149	33.565	25.448	252.79	0.064	0.396
30.0	11.953	33.580	25.497	248.27	0.077	0.370
40.0	11.057	33.631	25.701	229.06	0.101	0.242
50.0	9.996	33.751	25.979	202.76	0.122	0.150
60.0	9.673	33.786	26.060	195.21	0.142	0.122
70.0	9.367	33.829	26.144	187.42	0.161	0.105
80.0	9.129	33.879	26.222	180.23	0.180	0.106
100.0	8.933	33.916	26.282	174.92	0.215	0.103
120.0	8.795	33.937	26.320	171.64	0.250	0.098
140.0	8.602	33.972	26.378	166.49	0.283	0.095
160.0	8.469	33.993	26.415	163.32	0.316	0.091
180.0	8.320	34.017	26.457	159.67	0.349	0.086
200.0	8.231	34.033	26.483	157.53	0.380	0.085
250.0	7.747	34.072	26.586	148.45	0.457	0.043
300.0	7.351	34.104	26.668	141.28	0.529	0.011
350.0	6.976	34.130	26.741	134.90	0.598	-0.021
400.0	6.536	34.155	26.821	127.81	0.664	-0.061
450.0	6.234	34.189	26.887	121.96	0.726	-0.073
500.0	5.865	34.205	26.947	116.62	0.786	-0.108
550.0	5.590	34.241	27.009	111.05	0.843	-0.114
600.0	5.139	34.297	27.108	101.83	0.897	-0.123
650.0	4.963	34.321	27.147	98.44	0.946	-0.125
700.0	4.677	34.352	27.204	93.19	0.994	-0.132
750.0	4.486	34.372	27.241	89.89	1.040	-0.137
800.0	4.311	34.394	27.278	86.64	1.084	-0.139
971.7	3.646	34.464	27.403	75.11	1.224	-0.152

STATION: 25 DATE: 4/27/88 0048 GMT

LAT: 36 33.6 N. LON: 122 13.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.830	33.525	25.284	267.70	0.000	0.500
5.0	12.835	33.529	25.287	267.62	0.013	0.504
10.0	12.841	33.528	25.285	267.93	0.027	0.504
15.0	12.596	33.523	25.329	263.89	0.040	0.450
20.0	12.424	33.515	25.356	261.44	0.053	0.410
25.0	11.884	33.505	25.451	252.46	0.066	0.298
30.0	11.628	33.509	25.501	247.80	0.079	0.251
40.0	10.941	33.608	25.704	228.78	0.102	0.203
50.0	10.307	33.686	25.875	212.66	0.125	0.151
60.0	9.842	33.735	25.992	201.69	0.145	0.110
70.0	9.510	33.770	26.075	194.03	0.165	0.082
80.0	9.277	33.837	26.165	185.64	0.184	0.097
100.0	9.106	33.899	26.241	178.80	0.220	0.118
120.0	8.969	33.938	26.294	174.18	0.255	0.126
140.0	8.891	33.957	26.321	171.97	0.290	0.128
160.0	8.593	34.016	26.414	163.45	0.323	0.128
180.0	8.370	34.034	26.463	159.15	0.355	0.108
200.0	8.188	34.047	26.501	155.86	0.387	0.090
250.0	7.522	34.063	26.611	145.94	0.462	0.004
300.0	7.169	34.109	26.698	138.37	0.534	-0.010
350.0	6.885	34.155	26.774	131.79	0.601	-0.013
400.0	6.480	34.170	26.840	125.95	0.666	-0.056
450.0	6.209	34.186	26.888	121.89	0.728	-0.079
500.0	5.919	34.218	26.950	116.36	0.787	-0.091
550.0	5.610	34.247	27.012	110.86	0.844	-0.106
600.0	5.186	34.295	27.100	102.56	0.897	-0.119
650.0	4.984	34.323	27.146	98.54	0.948	-0.121
700.0	4.792	34.348	27.188	94.86	0.996	-0.123
750.0	4.555	34.373	27.234	90.66	1.043	-0.129
800.0	4.376	34.395	27.272	87.33	1.087	-0.131
1000.0	3.823	34.458	27.381	77.85	1.252	-0.140
1200.0	3.298	34.503	27.469	69.88	1.399	-0.156
1400.0	2.881	34.539	27.537	63.65	1.532	-0.166
1600.0	2.597	34.561	27.580	59.82	1.654	-0.174
1800.0	2.281	34.590	27.631	54.93	1.769	-0.178
2000.0	2.042	34.614	27.670	51.17	1.876	-0.179
2200.0	1.890	34.630	27.696	48.92	1.975	-0.179
2400.0	1.809	34.641	27.712	47.83	2.072	-0.177
2513.8	1.780	34.645	27.718	47.56	2.126	-0.177

STATION: 24 DATE: 4/27/88 0600 GMT

LAT: 36 35.6 N. LON: 122 28.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.457	33.320	25.001	294.69	0.000	0.465
5.0	13.456	33.320	25.001	294.81	0.015	0.465
10.0	13.449	33.318	25.001	294.93	0.029	0.462
15.0	13.401	33.306	25.002	295.01	0.044	0.442
20.0	13.309	33.323	25.033	292.13	0.059	0.437
25.0	13.000	33.393	25.150	281.21	0.073	0.429
30.0	12.087	33.498	25.407	256.76	0.087	0.331
40.0	11.154	33.536	25.609	237.80	0.111	0.184
50.0	10.798	33.656	25.766	223.03	0.134	0.215
60.0	10.233	33.688	25.890	211.49	0.156	0.140
70.0	9.683	33.714	26.002	200.95	0.177	0.066
80.0	9.429	33.773	26.091	192.72	0.196	0.071
100.0	9.039	33.876	26.234	179.47	0.234	0.089
120.0	8.882	33.934	26.305	173.13	0.269	0.110
140.0	8.515	33.963	26.385	165.83	0.303	0.075
160.0	8.366	34.020	26.452	159.78	0.336	0.096
180.0	8.117	34.039	26.505	155.07	0.367	0.073
200.0	7.767	34.044	26.560	149.99	0.397	0.025
250.0	7.235	34.065	26.653	141.79	0.471	-0.035
300.0	7.042	34.130	26.732	135.07	0.540	-0.011
350.0	6.767	34.152	26.787	130.43	0.606	-0.032
400.0	6.287	34.164	26.860	123.84	0.670	-0.086
450.0	5.982	34.205	26.932	117.51	0.730	-0.093
500.0	5.689	34.241	26.997	111.71	0.787	-0.101
550.0	5.406	34.274	27.058	106.29	0.842	-0.109
600.0	5.188	34.300	27.104	102.22	0.894	-0.115
650.0	5.010	34.331	27.150	98.26	0.944	-0.111
700.0	4.811	34.349	27.187	95.02	0.993	-0.120
750.0	4.635	34.371	27.224	91.76	1.039	-0.122
800.0	4.439	34.394	27.264	88.17	1.084	-0.126
1000.0	3.864	34.452	27.372	78.78	1.250	-0.140
1200.0	3.295	34.505	27.471	69.70	1.397	-0.154
1400.0	2.907	34.534	27.530	64.31	1.531	-0.168
1600.0	2.595	34.561	27.580	59.80	1.655	-0.174
1800.0	2.273	34.589	27.630	54.92	1.769	-0.180
2000.0	2.042	34.610	27.667	51.46	1.875	-0.182
2200.0	1.902	34.628	27.693	49.22	1.976	-0.180
2400.0	1.792	34.643	27.715	47.46	2.072	-0.177
2600.0	1.726	34.652	27.728	46.65	2.166	-0.176
2704.1	1.706	34.655	27.732	46.50	2.215	-0.176

STATION: 1 DATE: 4/27/88 1106 GMT

LAT: 36 20.0 N. LON: 121 57.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.505	33.648	25.632	234.68	0.000	0.339
5.0	11.401	33.658	25.658	232.26	0.012	0.327
10.0	11.384	33.658	25.662	232.06	0.023	0.324
15.0	10.930	33.675	25.757	223.15	0.035	0.254
20.0	10.698	33.690	25.810	218.22	0.046	0.224
25.0	10.377	33.717	25.887	211.02	0.056	0.189
30.0	10.243	33.735	25.924	207.59	0.067	0.179
40.0	10.134	33.750	25.954	204.91	0.087	0.172
50.0	10.079	33.759	25.971	203.55	0.108	0.170
59.7	9.880	33.784	26.024	198.68	0.127	0.155

STATION: 2 DATE: 4/27/88 1200 GMT

LAT: 36 20.0 N. LON: 121 59.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.042	33.586	25.484	248.77	0.000	0.392
5.0	11.828	33.587	25.525	244.95	0.012	0.352
10.0	11.330	33.619	25.641	233.99	0.024	0.284
15.0	11.209	33.629	25.672	231.26	0.036	0.269
20.0	11.127	33.641	25.696	229.07	0.047	0.264
25.0	11.090	33.646	25.706	228.18	0.059	0.261
30.0	11.015	33.652	25.724	226.60	0.070	0.251
40.0	10.250	33.715	25.907	209.38	0.092	0.165
50.0	10.068	33.744	25.961	204.45	0.113	0.156
60.0	9.951	33.763	25.996	201.35	0.133	0.151
70.0	9.729	33.802	26.064	195.12	0.153	0.144
80.0	9.621	33.819	26.095	192.37	0.172	0.139
94.1	9.252	33.875	26.199	182.71	0.199	0.122

STATION: 3 DATE: 4/27/88 1253 GMT

LAT: 36 20.0 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.685	33.541	25.325	263.82	0.000	0.483
5.0	12.671	33.540	25.327	263.74	0.013	0.479
10.0	12.629	33.535	25.332	263.45	0.026	0.467
15.0	12.529	33.533	25.350	261.89	0.040	0.445
20.0	12.472	33.533	25.361	260.95	0.053	0.434
25.0	12.334	33.534	25.388	258.48	0.066	0.408
30.0	11.114	33.602	25.667	232.00	0.078	0.230
40.0	10.394	33.686	25.860	213.88	0.100	0.167
50.0	10.296	33.710	25.896	210.72	0.121	0.169
60.0	10.165	33.728	25.932	207.44	0.142	0.160
70.0	10.028	33.743	25.967	204.32	0.163	0.148
80.0	9.876	33.765	26.010	200.44	0.183	0.139
100.0	9.722	33.792	26.057	196.37	0.222	0.134
119.7	9.280	33.870	26.191	184.00	0.260	0.123

STATION: 4 DATE: 4/27/88 1400 GMT

LAT: 36 20.1 N. LON: 122 5.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.763	33.531	25.302	266.01	0.000	0.491
5.0	12.763	33.531	25.302	266.12	0.013	0.491
10.0	12.757	33.531	25.304	266.14	0.027	0.489
15.0	12.741	33.530	25.306	266.06	0.040	0.485
20.0	12.699	33.528	25.313	265.51	0.053	0.475
25.0	12.577	33.526	25.335	263.53	0.066	0.449
30.0	12.459	33.525	25.357	261.54	0.080	0.425
40.0	11.454	33.588	25.595	239.12	0.105	0.281
50.0	10.844	33.668	25.768	222.94	0.128	0.233
60.0	10.252	33.727	25.917	208.91	0.150	0.174
70.0	10.045	33.742	25.964	204.66	0.170	0.150
80.0	9.921	33.760	25.999	201.48	0.191	0.143
100.0	9.748	33.796	26.056	196.50	0.230	0.142
120.0	9.596	33.814	26.096	193.11	0.269	0.130
140.0	9.518	33.832	26.123	190.93	0.308	0.131
160.0	8.995	33.915	26.272	177.03	0.345	0.111
180.0	8.538	33.990	26.402	164.93	0.379	0.098
200.0	8.311	34.034	26.472	158.64	0.411	0.098
250.0	7.911	34.070	26.561	150.95	0.488	0.066
269.7	7.620	34.079	26.610	146.44	0.517	0.030

STATION: 5 DATE: 4/27/88 1511 GMT

LAT: 36 20.0 N. LON: 122 8.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.783	33.530	25.298	266.46	0.000	0.494
5.0	12.784	33.530	25.298	266.56	0.013	0.494
10.0	12.771	33.530	25.300	266.47	0.027	0.491
15.0	12.672	33.528	25.318	264.93	0.040	0.470
20.0	12.520	33.536	25.354	261.59	0.053	0.446
25.0	12.459	33.544	25.372	260.04	0.066	0.440
30.0	12.412	33.548	25.384	258.99	0.079	0.434
40.0	11.209	33.609	25.656	233.29	0.104	0.253
50.0	10.781	33.669	25.780	221.76	0.127	0.222
60.0	10.501	33.699	25.852	215.06	0.148	0.196
70.0	10.200	33.734	25.931	207.80	0.170	0.170
80.0	10.075	33.751	25.966	204.69	0.190	0.162
100.0	9.734	33.798	26.060	196.12	0.230	0.141
120.0	9.330	33.859	26.174	185.58	0.268	0.122
140.0	9.055	33.909	26.258	178.00	0.305	0.117
160.0	8.672	33.974	26.369	167.74	0.339	0.107
180.0	8.187	34.050	26.503	155.30	0.371	0.092
200.0	7.960	34.077	26.558	150.31	0.402	0.079
250.0	7.211	34.109	26.691	138.18	0.474	-0.003
300.0	6.903	34.155	26.770	131.33	0.540	-0.010
350.0	6.480	34.163	26.834	125.78	0.605	-0.061
400.0	6.222	34.175	26.877	122.19	0.667	-0.086
450.0	6.037	34.216	26.934	117.40	0.727	-0.077
500.0	5.832	34.221	26.964	115.02	0.785	-0.099
550.0	5.588	34.252	27.018	110.22	0.842	-0.105
600.0	5.276	34.295	27.090	103.70	0.895	-0.109
628.1	5.099	34.316	27.128	100.23	0.924	-0.113

STATION: 6 DATE: 4/27/88 1723 GMT

LAT: 36 20.1 N. LON: 122 12.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.630	33.555	25.347	261.77	0.000	0.483
5.0	12.629	33.555	25.347	261.88	0.013	0.483
10.0	12.511	33.555	25.370	259.83	0.026	0.459
15.0	12.128	33.567	25.453	252.03	0.039	0.394
20.0	12.067	33.575	25.470	250.52	0.051	0.388
25.0	11.989	33.577	25.488	249.02	0.064	0.375
30.0	11.912	33.577	25.502	247.79	0.076	0.360
40.0	11.895	33.577	25.505	247.71	0.101	0.356
50.0	11.726	33.559	25.523	246.23	0.126	0.310
60.0	10.886	33.559	25.675	231.93	0.150	0.153
70.0	10.178	33.649	25.869	213.70	0.172	0.099
80.0	10.035	33.723	25.951	206.05	0.193	0.133
100.0	9.563	33.819	26.104	191.86	0.233	0.129
120.0	9.186	33.879	26.213	181.86	0.270	0.114
140.0	8.730	33.964	26.352	169.01	0.305	0.108
160.0	8.306	34.025	26.465	158.53	0.338	0.091
180.0	8.173	34.049	26.504	155.15	0.370	0.089
200.0	7.626	34.045	26.581	147.95	0.400	0.005
250.0	7.124	34.063	26.667	140.42	0.472	-0.052
300.0	6.669	34.086	26.747	133.31	0.540	-0.096
350.0	6.354	34.109	26.807	128.15	0.605	-0.120
400.0	6.361	34.190	26.871	122.91	0.668	-0.056
450.0	6.049	34.205	26.923	118.39	0.728	-0.085
500.0	5.757	34.235	26.984	113.02	0.786	-0.097
550.0	5.520	34.256	27.029	109.09	0.842	-0.110
600.0	5.204	34.303	27.105	102.21	0.895	-0.111
650.0	4.956	34.340	27.163	96.95	0.945	-0.110
700.0	4.823	34.357	27.192	94.57	0.992	-0.112
750.0	4.576	34.387	27.243	89.86	1.039	-0.116
800.0	4.528	34.392	27.253	89.40	1.084	-0.118
862.2	4.253	34.421	27.306	84.51	1.138	-0.124

STATION: 7 DATE: 4/27/88 2048 GMT

LAT: 36 20.1 N. LON: 122 15.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.950	33.437	25.193	276.44	0.000	0.454
5.0	12.949	33.436	25.192	276.64	0.014	0.453
10.0	12.933	33.435	25.195	276.50	0.028	0.449
15.0	12.615	33.454	25.272	269.31	0.041	0.400
20.0	12.196	33.409	25.317	265.09	0.055	0.281
25.0	11.743	33.418	25.410	256.42	0.068	0.201
30.0	11.701	33.424	25.422	255.35	0.080	0.198
40.0	11.531	33.439	25.466	251.42	0.106	0.178
50.0	11.079	33.461	25.564	242.27	0.130	0.111
60.0	10.866	33.468	25.608	238.31	0.154	0.077
70.0	10.188	33.547	25.787	221.44	0.177	0.020
80.0	10.122	33.648	25.878	213.04	0.199	0.089
100.0	9.524	33.794	26.092	193.08	0.240	0.103
120.0	8.999	33.900	26.260	177.42	0.277	0.101
140.0	8.782	33.959	26.340	170.15	0.311	0.113
160.0	8.744	33.972	26.356	168.96	0.345	0.117
180.0	8.335	34.042	26.474	158.04	0.378	0.108
200.0	7.987	34.051	26.534	152.64	0.409	0.063
250.0	7.346	34.047	26.624	144.66	0.483	-0.034
300.0	6.864	34.082	26.718	136.23	0.553	-0.073
350.0	6.357	34.128	26.822	126.78	0.619	-0.105
400.0	6.042	34.160	26.888	121.00	0.681	-0.120
450.0	5.921	34.213	26.946	116.12	0.740	-0.094
500.0	5.735	34.235	26.986	112.76	0.798	-0.100
550.0	5.470	34.268	27.045	107.55	0.853	-0.107
600.0	5.249	34.295	27.093	103.35	0.906	-0.112
650.0	4.985	34.333	27.154	97.82	0.956	-0.112
700.0	4.750	34.364	27.205	93.19	1.004	-0.115
750.0	4.618	34.381	27.234	90.81	1.050	-0.116
800.0	4.457	34.398	27.266	88.08	1.095	-0.120
985.8	3.881	34.453	27.371	78.79	1.248	-0.138

STATION: 8 DATE: 4/27/88 2223 GMT

LAT: 36 20.0 N. LON: 122 18.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.143	33.405	25.130	282.44	0.000	0.468
5.0	13.113	33.406	25.136	281.92	0.014	0.462
10.0	12.920	33.405	25.174	278.47	0.028	0.422
15.0	12.471	33.453	25.299	266.73	0.042	0.371
20.0	11.680	33.445	25.442	253.18	0.055	0.211
25.0	11.058	33.493	25.593	238.96	0.067	0.133
30.0	10.862	33.506	25.638	234.80	0.079	0.108
40.0	10.581	33.549	25.721	227.12	0.102	0.091
50.0	10.136	33.601	25.838	216.14	0.124	0.055
60.0	9.916	33.660	25.921	208.46	0.146	0.063
70.0	9.820	33.677	25.951	205.85	0.166	0.060
80.0	9.587	33.722	26.025	198.99	0.187	0.057
100.0	9.220	33.816	26.158	186.69	0.225	0.071
120.0	8.978	33.924	26.281	175.38	0.261	0.116
140.0	8.775	33.956	26.339	170.27	0.296	0.109
160.0	8.406	33.977	26.412	163.54	0.329	0.069
180.0	8.118	34.002	26.475	157.84	0.361	0.044
200.0	7.792	34.019	26.537	152.22	0.392	0.009
250.0	7.410	34.043	26.611	145.85	0.467	-0.028
300.0	6.786	34.067	26.717	136.29	0.537	-0.096
350.0	6.385	34.119	26.811	127.82	0.603	-0.108
400.0	6.090	34.138	26.865	123.24	0.666	-0.132
450.0	5.887	34.203	26.942	116.43	0.726	-0.106
500.0	5.735	34.226	26.979	113.41	0.783	-0.107
550.0	5.460	34.256	27.037	108.31	0.839	-0.117
600.0	5.215	34.276	27.082	104.32	0.892	-0.131
650.0	5.064	34.298	27.117	101.39	0.943	-0.131
700.0	4.892	34.338	27.170	96.79	0.992	-0.119
750.0	4.732	34.367	27.210	93.25	1.040	-0.115
800.0	4.412	34.400	27.272	87.40	1.085	-0.124
953.8	3.933	34.449	27.362	79.44	1.212	-0.136

STATION: 9 DATE: 4/28/88 0200 GMT

LAT: 36 20.5 N. LON: 122 21.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.141	33.485	25.192	276.51	0.000	0.531
5.0	13.142	33.484	25.191	276.69	0.014	0.531
10.0	13.133	33.486	25.195	276.53	0.028	0.530
15.0	13.077	33.485	25.205	275.67	0.041	0.518
20.0	12.951	33.487	25.232	273.27	0.055	0.493
25.0	12.574	33.469	25.291	267.69	0.069	0.404
30.0	11.996	33.468	25.401	257.35	0.082	0.289
40.0	11.287	33.480	25.542	244.17	0.107	0.165
50.0	10.929	33.519	25.637	235.36	0.131	0.130
60.0	10.515	33.589	25.764	223.47	0.154	0.111
70.0	10.054	33.620	25.867	213.82	0.176	0.055
80.0	9.886	33.648	25.918	209.21	0.197	0.048
100.0	9.566	33.735	26.039	198.07	0.237	0.063
120.0	9.064	33.829	26.194	183.70	0.276	0.055
140.0	8.783	33.931	26.318	172.26	0.311	0.091
160.0	8.410	33.976	26.410	163.72	0.345	0.068
180.0	8.178	33.999	26.464	158.92	0.377	0.051
200.0	7.771	34.014	26.536	152.30	0.408	0.002
250.0	7.257	34.042	26.632	143.81	0.482	-0.050
300.0	6.686	34.075	26.736	134.37	0.551	-0.103
350.0	6.376	34.154	26.840	125.10	0.617	-0.082
400.0	5.905	34.165	26.909	118.86	0.677	-0.133
450.0	5.741	34.210	26.966	114.06	0.735	-0.119
500.0	5.337	34.206	27.011	109.92	0.791	-0.171
550.0	5.226	34.268	27.074	104.51	0.845	-0.135
600.0	5.058	34.305	27.123	100.25	0.896	-0.126
650.0	4.955	34.327	27.153	97.92	0.946	-0.121
700.0	4.762	34.362	27.203	93.46	0.994	-0.115
750.0	4.570	34.383	27.241	90.08	1.040	-0.120
800.0	4.343	34.407	27.285	86.06	1.084	-0.126
1000.0	4.110	34.432	27.331	83.21	1.253	-0.132
1007.7	4.082	34.434	27.335	82.79	1.259	-0.133

STATION: 10 DATE: 4/28/88 0441 GMT

LAT: 36 20.1 N. LON: 122 25.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.299	33.412	25.104	284.89	0.000	0.506
5.0	13.143	33.419	25.140	281.54	0.014	0.479
10.0	12.826	33.437	25.217	274.35	0.028	0.429
15.0	12.687	33.434	25.242	272.09	0.042	0.399
20.0	12.131	33.419	25.337	263.17	0.055	0.277
25.0	11.437	33.486	25.519	246.04	0.068	0.198
30.0	11.198	33.524	25.592	239.15	0.080	0.184
40.0	11.089	33.584	25.658	233.11	0.104	0.210
50.0	10.446	33.675	25.843	215.73	0.126	0.167
60.0	10.136	33.694	25.910	209.50	0.147	0.128
70.0	9.813	33.740	26.001	201.06	0.168	0.109
80.0	9.483	33.783	26.089	192.85	0.187	0.088
100.0	9.025	33.834	26.203	182.38	0.225	0.053
120.0	8.673	33.883	26.297	173.79	0.260	0.036
140.0	8.471	33.948	26.379	166.33	0.294	0.056
160.0	8.243	33.981	26.440	160.89	0.327	0.046
180.0	8.064	33.987	26.472	158.17	0.359	0.024
200.0	7.759	34.015	26.539	152.00	0.390	0.001
250.0	7.221	34.037	26.633	143.68	0.464	-0.059
300.0	6.853	34.071	26.711	136.90	0.534	-0.084
350.0	6.362	34.103	26.802	128.71	0.600	-0.124
400.0	5.967	34.151	26.890	120.72	0.662	-0.137
450.0	5.760	34.217	26.969	113.79	0.721	-0.111
500.0	5.341	34.230	27.030	108.16	0.776	-0.151
550.0	5.246	34.263	27.068	105.11	0.830	-0.137
600.0	5.091	34.307	27.121	100.47	0.881	-0.120
650.0	4.895	34.347	27.176	95.67	0.930	-0.112
700.0	4.651	34.377	27.227	91.00	0.977	-0.115
750.0	4.485	34.393	27.258	88.32	1.022	-0.121
800.0	4.411	34.400	27.272	87.38	1.065	-0.124
1000.0	3.831	34.459	27.381	77.88	1.230	-0.138
1001.7	3.831	34.460	27.382	77.81	1.231	-0.137

STATION: 12 DATE: 4/28/88 0848 GMT

LAT: 36 20.1 N. LON: 122 25.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.190	33.455	25.159	279.65	0.000	0.517
5.0	13.183	33.456	25.161	279.58	0.014	0.516
10.0	13.106	33.450	25.172	278.63	0.028	0.496
15.0	12.888	33.446	25.212	274.95	0.042	0.448
20.0	12.776	33.438	25.228	273.61	0.056	0.419
25.0	12.311	33.421	25.305	266.40	0.069	0.314
30.0	11.653	33.415	25.424	255.18	0.082	0.182
40.0	10.870	33.468	25.607	237.92	0.107	0.079
50.0	10.344	33.596	25.799	219.90	0.130	0.087
60.0	9.824	33.679	25.952	205.54	0.151	0.063
70.0	9.667	33.718	26.008	200.40	0.171	0.067
80.0	9.635	33.798	26.076	194.16	0.191	0.125
100.0	9.116	33.866	26.214	181.39	0.229	0.093
120.0	8.815	33.945	26.323	171.33	0.264	0.107
140.0	8.550	33.984	26.395	164.85	0.298	0.096
160.0	8.340	34.006	26.445	160.42	0.330	0.081
180.0	8.197	34.033	26.488	156.71	0.362	0.080
200.0	7.992	34.065	26.544	151.70	0.393	0.074
250.0	7.440	34.100	26.652	142.04	0.466	0.022
300.0	6.776	34.097	26.742	133.94	0.535	-0.074
350.0	6.306	34.116	26.819	127.02	0.600	-0.121
400.0	6.133	34.183	26.894	120.48	0.661	-0.091
450.0	5.873	34.205	26.945	116.11	0.721	-0.106
500.0	5.510	34.213	26.996	111.53	0.777	-0.145
550.0	5.246	34.244	27.053	106.53	0.832	-0.152
600.0	5.193	34.300	27.104	102.29	0.884	-0.114
650.0	5.005	34.324	27.145	98.72	0.934	-0.117
700.0	4.828	34.348	27.184	95.30	0.983	-0.119
750.0	4.628	34.377	27.230	91.24	1.029	-0.118
800.0	4.425	34.395	27.267	87.93	1.074	-0.126
1000.0	3.802	34.460	27.384	77.46	1.239	-0.140
1008.2	3.774	34.462	27.389	77.05	1.245	-0.142

STATION: 14 DATE: 4/28/88 1411 GMT

LAT: 36 20.0 N. LON: 122 38.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.844	33.266	25.081	287.05	0.000	0.297
5.0	12.616	33.286	25.141	281.49	0.014	0.267
10.0	12.289	33.330	25.238	272.39	0.028	0.237
15.0	12.230	33.360	25.273	269.17	0.042	0.249
20.0	12.051	33.391	25.331	263.79	0.055	0.239
25.0	11.008	33.366	25.503	247.54	0.068	0.023
30.0	10.656	33.444	25.626	235.90	0.080	0.022
40.0	10.413	33.580	25.774	222.03	0.103	0.086
50.0	10.290	33.628	25.833	216.69	0.125	0.102
60.0	10.108	33.642	25.875	212.90	0.146	0.082
70.0	9.981	33.712	25.951	205.81	0.167	0.116
80.0	9.391	33.777	26.100	191.87	0.187	0.068
100.0	9.111	33.868	26.216	181.15	0.224	0.094
120.0	8.813	33.950	26.328	170.89	0.259	0.111
140.0	8.569	34.003	26.407	163.69	0.293	0.114
160.0	8.419	34.021	26.444	160.51	0.325	0.105
180.0	8.367	34.059	26.483	157.24	0.357	0.127
200.0	8.069	34.080	26.544	151.69	0.388	0.098
250.0	7.440	34.067	26.626	144.50	0.462	-0.005
300.0	6.802	34.105	26.745	133.66	0.531	-0.063
350.0	6.512	34.158	26.825	126.62	0.596	-0.061
400.0	6.255	34.189	26.884	121.59	0.658	-0.070
450.0	5.862	34.212	26.952	115.45	0.717	-0.102
500.0	5.604	34.233	27.001	111.23	0.774	-0.118
550.0	5.346	34.273	27.064	105.62	0.828	-0.117
600.0	5.140	34.299	27.109	101.70	0.880	-0.121
650.0	4.928	34.333	27.161	97.12	0.930	-0.119
700.0	4.658	34.351	27.205	93.02	0.977	-0.135
750.0	4.493	34.372	27.241	89.96	1.023	-0.137
800.0	4.329	34.398	27.279	86.54	1.067	-0.134
1000.0	3.757	34.461	27.390	76.86	1.230	-0.144
1006.3	3.731	34.462	27.393	76.53	1.234	-0.146

STATION: 16 DATE: 4/28/88 2018 GMT

LAT: 36 20.1 N. LON: 122 48.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.610	33.510	25.316	264.72	0.000	0.444
5.0	12.618	33.511	25.316	264.87	0.013	0.446
10.0	12.071	33.463	25.383	258.61	0.026	0.300
15.0	11.256	33.491	25.555	242.33	0.039	0.168
20.0	10.592	33.572	25.737	225.15	0.050	0.112
25.0	10.382	33.620	25.811	218.23	0.062	0.113
30.0	10.285	33.631	25.836	215.97	0.072	0.104
40.0	10.156	33.669	25.888	211.22	0.094	0.112
50.0	9.987	33.695	25.936	206.80	0.115	0.103
60.0	9.593	33.726	26.026	198.46	0.135	0.061
70.0	9.488	33.758	26.069	194.61	0.154	0.069
80.0	9.310	33.790	26.123	189.68	0.174	0.064
100.0	9.121	33.882	26.225	180.31	0.210	0.106
120.0	8.745	33.945	26.334	170.29	0.245	0.096
140.0	8.475	33.987	26.409	163.50	0.279	0.087
160.0	8.255	34.023	26.471	157.93	0.311	0.082
180.0	7.968	34.025	26.516	153.96	0.342	0.040
200.0	7.729	34.042	26.564	149.62	0.372	0.018
250.0	7.307	34.084	26.658	141.37	0.445	-0.010
300.0	7.038	34.127	26.730	135.26	0.514	-0.014
350.0	6.484	34.118	26.798	129.17	0.580	-0.096
400.0	6.351	34.170	26.857	124.24	0.643	-0.073
450.0	6.056	34.205	26.922	118.46	0.704	-0.084
500.0	5.758	34.226	26.976	113.72	0.762	-0.105
550.0	5.451	34.261	27.042	107.82	0.818	-0.114
600.0	5.181	34.295	27.101	102.52	0.870	-0.120
650.0	4.958	34.328	27.153	97.84	0.921	-0.119
700.0	4.771	34.356	27.197	94.02	0.969	-0.119
750.0	4.596	34.379	27.235	90.69	1.015	-0.120
800.0	4.414	34.400	27.272	87.42	1.059	-0.123
1000.0	3.743	34.459	27.389	76.84	1.223	-0.147
1003.6	3.735	34.460	27.391	76.70	1.226	-0.147

STATION: 17 DATE: 4/29/88 0136 GMT

LAT: 36 20.1 N. LON: 122 55.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.443	33.487	25.133	282.13	0.000	0.595
5.0	13.362	33.490	25.151	280.52	0.014	0.580
10.0	12.563	33.511	25.326	264.03	0.028	0.435
15.0	12.028	33.530	25.443	253.01	0.041	0.345
20.0	10.584	33.624	25.778	221.24	0.053	0.151
25.0	10.276	33.682	25.877	211.93	0.063	0.144
30.0	10.217	33.693	25.895	210.28	0.074	0.142
40.0	9.896	33.702	25.957	204.62	0.095	0.093
50.0	9.567	33.736	26.038	197.07	0.115	0.065
60.0	9.480	33.748	26.062	195.05	0.134	0.060
70.0	9.381	33.769	26.095	192.14	0.154	0.060
80.0	9.354	33.853	26.165	185.68	0.173	0.122
100.0	8.745	33.896	26.296	173.56	0.208	0.057
120.0	8.503	33.957	26.381	165.79	0.242	0.068
140.0	8.369	34.001	26.436	160.91	0.275	0.082
160.0	8.108	34.017	26.488	156.24	0.307	0.055
180.0	7.946	34.024	26.518	153.69	0.338	0.036
200.0	7.744	34.056	26.573	148.78	0.368	0.031
250.0	7.192	34.087	26.677	139.54	0.440	-0.023
300.0	6.822	34.126	26.758	132.39	0.508	-0.044
350.0	6.390	34.160	26.843	124.80	0.572	-0.075
400.0	6.012	34.182	26.909	118.96	0.633	-0.107
450.0	5.779	34.213	26.963	114.31	0.691	-0.112
500.0	5.559	34.251	27.020	109.34	0.747	-0.109
550.0	5.359	34.272	27.061	105.87	0.801	-0.117
600.0	5.106	34.295	27.110	101.58	0.853	-0.128
650.0	4.954	34.335	27.159	97.28	0.903	-0.114
700.0	4.732	34.358	27.203	93.38	0.950	-0.121
750.0	4.589	34.378	27.235	90.68	0.996	-0.122
800.0	4.390	34.400	27.274	87.15	1.041	-0.126
1000.0	3.752	34.459	27.389	76.95	1.205	-0.146
1009.7	3.705	34.464	27.397	76.10	1.212	-0.147

STATION: 18 DATE: 4/29/88 0711 GMT

LAT: 36 19.3 N. LON: 123 1.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.885	33.271	24.876	306.61	0.000	0.516
5.0	13.785	33.276	24.900	304.42	0.015	0.499
10.0	12.985	33.301	25.081	287.36	0.030	0.353
15.0	12.385	33.336	25.225	273.79	0.044	0.261
20.0	10.985	33.571	25.666	231.85	0.057	0.182
25.0	10.560	33.691	25.835	215.95	0.068	0.200
30.0	10.403	33.692	25.863	213.38	0.079	0.173
40.0	9.765	33.705	25.981	202.32	0.099	0.074
50.0	9.445	33.740	26.061	194.89	0.119	0.048
60.0	9.355	33.746	26.081	193.24	0.139	0.038
70.0	9.303	33.794	26.127	189.06	0.158	0.067
80.0	9.145	33.882	26.221	180.28	0.176	0.111
100.0	8.970	33.946	26.299	173.24	0.212	0.133
120.0	8.703	33.994	26.379	166.02	0.246	0.128
140.0	8.459	34.006	26.426	161.84	0.278	0.100
160.0	8.266	34.033	26.477	157.37	0.310	0.091
180.0	8.009	34.053	26.531	152.50	0.341	0.068
200.0	7.688	34.040	26.569	149.19	0.372	0.010
250.0	6.809	34.016	26.673	139.69	0.444	-0.132
300.0	6.867	34.130	26.756	132.69	0.512	-0.035
350.0	6.088	34.078	26.817	127.05	0.577	-0.179
400.0	6.271	34.182	26.876	122.32	0.639	-0.074
450.0	5.878	34.201	26.941	116.48	0.699	-0.109
500.0	5.640	34.234	26.997	111.60	0.756	-0.113
550.0	5.370	34.275	27.063	105.77	0.810	-0.113
600.0	5.148	34.304	27.112	101.43	0.862	-0.116
650.0	4.740	34.317	27.169	96.03	0.911	-0.152
700.0	4.748	34.364	27.206	93.13	0.959	-0.115
750.0	4.527	34.387	27.249	89.27	1.004	-0.121
800.0	4.242	34.397	27.288	85.60	1.048	-0.144
1000.0	3.715	34.468	27.399	75.85	1.209	-0.143
1200.0	3.224	34.509	27.480	68.58	1.353	-0.158
1400.0	2.828	34.544	27.545	62.66	1.484	-0.167
1600.0	2.539	34.569	27.591	58.55	1.604	-0.173
1800.0	2.363	34.584	27.619	56.36	1.719	-0.176
2000.0	2.124	34.608	27.659	52.61	1.828	-0.177
2200.0	1.941	34.629	27.691	49.63	1.930	-0.176
2400.0	1.824	34.642	27.711	47.94	2.027	-0.175
2600.0	1.745	34.652	27.726	46.89	2.122	-0.175
2800.0	1.696	34.658	27.736	46.46	2.215	-0.175
3000.0	1.640	34.666	27.748	45.75	2.307	-0.174
3001.8	1.641	34.665	27.747	45.84	2.308	-0.174

STATION: 22 DATE: 4/29/88 1730 GMT

LAT: 35 45.9 N. LON: 124 11.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.180	32.876	24.509	341.48	0.000	0.266
5.0	14.164	32.878	24.515	341.12	0.017	0.264
10.0	13.778	32.883	24.598	333.30	0.034	0.186
15.0	13.503	32.856	24.633	330.10	0.051	0.106
20.0	13.298	32.835	24.658	327.83	0.067	0.046
25.0	13.240	32.837	24.672	326.70	0.083	0.036
30.0	13.190	32.843	24.686	325.45	0.100	0.030
40.0	12.653	32.894	24.831	311.89	0.131	-0.039
50.0	12.277	32.885	24.896	305.87	0.162	-0.121
60.0	12.018	32.907	24.962	299.81	0.192	-0.154
70.0	11.618	32.916	25.044	292.25	0.222	-0.224
80.0	11.604	33.058	25.157	281.76	0.251	-0.113
100.0	10.422	33.261	25.525	247.00	0.304	-0.167
120.0	9.411	33.448	25.840	217.32	0.351	-0.191
140.0	8.775	33.657	26.105	192.41	0.392	-0.128
160.0	8.787	33.851	26.255	178.60	0.428	0.028
180.0	8.408	33.885	26.340	170.72	0.463	-0.004
200.0	8.159	33.952	26.430	162.48	0.497	0.010
250.0	7.362	34.004	26.587	148.09	0.574	-0.066
300.0	6.766	34.003	26.669	140.80	0.646	-0.149
350.0	6.470	34.075	26.766	132.20	0.714	-0.132
400.0	6.029	34.105	26.846	124.93	0.778	-0.166
450.0	5.631	34.127	26.913	118.86	0.840	-0.198
500.0	5.431	34.188	26.986	112.44	0.897	-0.174
550.0	5.261	34.245	27.052	106.65	0.952	-0.149
600.0	5.067	34.275	27.098	102.58	1.005	-0.148
650.0	4.804	34.291	27.142	98.69	1.055	-0.166
700.0	4.691	34.321	27.178	95.63	1.104	-0.155
750.0	4.531	34.349	27.218	92.13	1.150	-0.151
800.0	4.376	34.373	27.254	88.97	1.196	-0.149
1000.0	3.809	34.450	27.376	78.29	1.362	-0.147
1200.0	3.284	34.501	27.468	69.88	1.510	-0.159
1400.0	2.893	34.539	27.535	63.80	1.643	-0.165
1600.0	2.594	34.564	27.583	59.56	1.766	-0.172
1800.0	2.288	34.587	27.628	55.23	1.881	-0.180
2000.0	2.077	34.608	27.662	52.05	1.988	-0.181
2200.0	1.923	34.627	27.691	49.55	2.090	-0.179
2400.0	1.819	34.641	27.711	47.95	2.187	-0.177
2600.0	1.735	34.652	27.727	46.76	2.282	-0.175
2800.0	1.677	34.660	27.739	46.07	2.375	-0.174
3000.0	1.622	34.665	27.748	45.56	2.466	-0.175
3200.0	1.584	34.671	27.757	45.21	2.557	-0.175
3400.0	1.560	34.674	27.763	45.22	2.647	-0.175
3501.6	1.545	34.675	27.765	45.21	2.693	-0.176

STATION: 20 DATE: 4/30/88 0141 GMT

LAT: 36 6.6 N. LON: 123 27.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.162	33.250	25.006	294.21	0.000	0.349
5.0	13.202	33.251	24.999	295.03	0.015	0.358
10.0	13.005	33.246	25.034	291.79	0.029	0.313
15.0	12.325	33.221	25.147	281.17	0.044	0.158
20.0	12.076	33.237	25.207	275.58	0.058	0.121
25.0	11.935	33.266	25.256	271.03	0.071	0.117
30.0	11.657	33.338	25.364	260.88	0.085	0.122
40.0	11.053	33.376	25.503	247.82	0.110	0.039
50.0	10.770	33.439	25.602	238.62	0.134	0.037
60.0	10.371	33.540	25.751	224.72	0.157	0.047
70.0	10.185	33.582	25.815	218.80	0.180	0.047
80.0	10.050	33.640	25.884	212.46	0.201	0.070
100.0	9.744	33.745	26.017	200.22	0.242	0.100
120.0	9.261	33.822	26.156	187.28	0.281	0.081
140.0	8.937	33.886	26.258	177.92	0.317	0.080
160.0	8.728	33.898	26.301	174.21	0.353	0.056
180.0	8.158	33.923	26.407	164.28	0.387	-0.013
200.0	8.109	33.972	26.454	160.23	0.419	0.019
250.0	7.567	34.011	26.564	150.43	0.496	-0.031
300.0	7.050	34.058	26.674	140.54	0.569	-0.067
350.0	6.648	34.080	26.746	134.16	0.638	-0.104
400.0	6.264	34.119	26.827	126.91	0.703	-0.125
450.0	5.920	34.178	26.918	118.72	0.765	-0.122
500.0	5.591	34.217	26.990	112.27	0.823	-0.132
550.0	4.970	34.197	27.047	106.68	0.878	-0.220
600.0	4.923	34.258	27.101	102.10	0.930	-0.178
650.0	4.771	34.305	27.156	97.29	0.980	-0.158
700.0	4.614	34.333	27.196	93.82	1.028	-0.154
750.0	4.419	34.356	27.236	90.27	1.074	-0.157
800.0	4.183	34.376	27.277	86.49	1.118	-0.167
1000.0	3.686	34.465	27.400	75.73	1.279	-0.148
1200.0	3.153	34.512	27.489	67.53	1.421	-0.162
1400.0	2.839	34.538	27.540	63.23	1.552	-0.170
1600.0	2.599	34.560	27.579	59.92	1.675	-0.175
1800.0	2.385	34.578	27.613	57.07	1.792	-0.179
2000.0	2.111	34.604	27.656	52.75	1.902	-0.182
2200.0	1.921	34.627	27.691	49.53	2.004	-0.179
2400.0	1.827	34.641	27.710	48.06	2.101	-0.176
2600.0	1.753	34.650	27.724	47.14	2.196	-0.176
2800.0	1.698	34.657	27.735	46.56	2.290	-0.175
3000.0	1.644	34.664	27.746	45.95	2.382	-0.175
3200.0	1.608	34.669	27.754	45.69	2.474	-0.175
3343.8	1.590	34.671	27.758	45.71	2.539	-0.175

STATION: 23 DATE: 4/30/88 1036 GMT

LAT: 36 27.4 N. LON: 122 47.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.548	33.335	25.192	276.48	0.000	0.293
5.0	12.549	33.336	25.193	276.57	0.014	0.293
10.0	12.555	33.336	25.192	276.77	0.028	0.294
15.0	12.502	33.337	25.203	275.84	0.041	0.285
20.0	12.436	33.323	25.205	275.76	0.055	0.261
25.0	11.423	33.350	25.416	255.82	0.069	0.087
30.0	10.650	33.424	25.611	237.29	0.081	0.005
40.0	10.357	33.538	25.751	224.23	0.104	0.043
50.0	10.017	33.577	25.839	216.06	0.126	0.015
60.0	10.035	33.677	25.914	209.12	0.147	0.097
70.0	9.994	33.757	25.984	202.71	0.168	0.153
80.0	9.563	33.783	26.076	194.10	0.188	0.101
100.0	9.158	33.842	26.189	183.78	0.225	0.081
120.0	8.945	33.916	26.280	175.45	0.261	0.105
140.0	8.644	33.981	26.378	166.45	0.295	0.109
160.0	8.433	34.003	26.428	162.05	0.328	0.093
180.0	8.160	34.026	26.488	156.66	0.360	0.069
200.0	7.897	34.049	26.545	151.47	0.391	0.048
250.0	7.365	34.088	26.653	141.88	0.464	0.001
300.0	6.837	34.103	26.738	134.31	0.533	-0.060
350.0	6.742	34.161	26.797	129.43	0.598	-0.028
400.0	6.220	34.185	26.886	121.39	0.661	-0.078
450.0	5.889	34.218	26.954	115.35	0.720	-0.094
500.0	5.582	34.237	27.007	110.64	0.777	-0.117
550.0	5.177	34.274	27.084	103.47	0.830	-0.136
600.0	5.010	34.308	27.131	99.44	0.881	-0.129
650.0	4.837	34.345	27.180	95.12	0.930	-0.120
700.0	4.666	34.367	27.217	91.94	0.976	-0.122
750.0	4.536	34.383	27.245	89.68	1.022	-0.124
800.0	4.383	34.400	27.275	87.05	1.066	-0.127
1000.0	3.843	34.455	27.376	78.31	1.232	-0.140
1200.0	3.311	34.504	27.468	69.97	1.379	-0.154
1400.0	2.877	34.539	27.537	63.59	1.512	-0.166
1600.0	2.550	34.564	27.587	59.04	1.634	-0.176
1800.0	2.280	34.589	27.630	55.00	1.748	-0.179
2000.0	2.069	34.610	27.665	51.79	1.855	-0.180
2200.0	1.921	34.627	27.691	49.52	1.956	-0.179
2400.0	1.800	34.643	27.714	47.57	2.053	-0.176
2500.3	1.762	34.646	27.720	47.20	2.101	-0.177

STATION: 1 DATE: 8/ 3/88 2041 GMT

LAT: 36 20.2 N. LON: 121 57.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	16.028	33.743	24.775	316.21	0.006	1.363
5.0	15.600	33.761	24.885	305.84	0.016	1.279
10.0	14.673	33.777	25.101	285.44	0.031	1.085
15.0	14.018	33.787	25.247	271.68	0.044	0.951
20.0	13.495	33.791	25.358	261.30	0.058	0.844
25.0	13.372	33.799	25.390	258.39	0.071	0.826
30.0	13.343	33.802	25.398	257.78	0.084	0.821
40.0	13.074	33.810	25.458	252.29	0.109	0.773
50.0	12.656	33.816	25.545	244.25	0.134	0.693
52.8	12.256	33.806	25.615	237.65	0.141	0.606

STATION: 2 DATE: 8/ 3/88 2118 GMT

LAT: 36 20.2 N. LON: 121 59.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.9	15.791	33.763	24.844	309.65	0.006	1.324
5.0	14.339	33.773	25.167	279.06	0.015	1.011
10.0	13.558	33.780	25.336	263.05	0.028	0.849
15.0	13.277	33.779	25.392	257.85	0.041	0.790
20.0	13.016	33.790	25.454	252.17	0.054	0.746
25.0	12.916	33.795	25.477	250.03	0.067	0.729
30.0	12.826	33.801	25.500	248.06	0.079	0.716
40.0	12.299	33.819	25.616	237.18	0.103	0.625
50.0	11.966	33.825	25.685	230.91	0.127	0.566
60.0	11.675	33.828	25.742	225.71	0.150	0.512
70.0	11.224	33.846	25.839	216.69	0.172	0.442
80.0	10.489	33.889	26.003	201.26	0.193	0.343
93.8	10.418	33.902	26.025	199.41	0.221	0.341

STATION: 3 DATE: 8/ 3/88 2148 GMT

LAT: 36 20.1 N. LON: 122 2.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	14.554	33.747	25.103	285.03	0.005	1.035
5.0	14.509	33.750	25.115	284.00	0.014	1.028
10.0	14.287	33.749	25.161	279.72	0.028	0.979
15.0	13.361	33.745	25.350	261.93	0.042	0.781
20.0	12.312	33.802	25.600	238.20	0.054	0.615
25.0	11.770	33.826	25.721	226.78	0.066	0.529
30.0	11.436	33.832	25.788	220.59	0.077	0.471
40.0	10.855	33.858	25.913	208.85	0.099	0.385
50.0	10.605	33.872	25.969	203.80	0.119	0.352
60.0	10.485	33.879	25.995	201.50	0.139	0.335
70.0	10.219	33.895	26.054	196.15	0.159	0.301
80.0	9.972	33.919	26.114	190.57	0.179	0.278
100.0	9.884	33.927	26.136	188.94	0.217	0.269
120.0	9.663	33.952	26.193	183.94	0.254	0.251
127.8	9.479	33.981	26.246	179.04	0.268	0.243

STATION: 4 DATE: 8/ 3/88 2230 GMT

LAT: 36 19.3 N. LON: 122 4.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.7	15.660	33.716	24.838	310.32	0.008	1.258
5.0	15.477	33.721	24.882	306.15	0.015	1.220
10.0	15.013	33.741	25.000	295.10	0.030	1.131
15.0	14.522	33.752	25.114	284.38	0.045	1.032
20.0	14.268	33.763	25.176	278.57	0.059	0.986
25.0	14.036	33.767	25.228	273.80	0.073	0.939
30.0	13.577	33.773	25.327	264.46	0.086	0.847
40.0	12.265	33.803	25.611	237.73	0.111	0.606
50.0	11.802	33.812	25.706	228.92	0.134	0.524
60.0	11.483	33.825	25.775	222.56	0.157	0.474
70.0	11.263	33.831	25.820	218.49	0.179	0.438
80.0	10.855	33.846	25.905	210.60	0.201	0.375
100.0	10.334	33.889	26.029	199.15	0.242	0.316
120.0	9.863	33.929	26.142	188.83	0.280	0.266
140.0	9.485	33.974	26.239	179.88	0.316	0.238
160.0	8.716	34.092	26.455	159.63	0.351	0.207
180.0	8.708	34.096	26.459	159.58	0.383	0.209
200.0	8.678	34.098	26.466	159.34	0.415	0.205
250.0	8.553	34.128	26.510	156.12	0.495	0.209
297.8	7.545	34.179	26.700	138.40	0.565	0.098

STATION: 5 DATE: 8/ 3/88 2248 GMT

LAT: 36 20.1 N. LON: 122 8.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	15.185	33.652	24.893	304.98	0.005	1.100
5.0	14.755	33.708	25.029	292.13	0.015	1.049
10.0	14.188	33.759	25.189	277.03	0.029	0.965
15.0	13.359	33.776	25.374	259.61	0.043	0.805
20.0	13.202	33.785	25.412	256.10	0.055	0.779
25.0	12.848	33.788	25.486	249.25	0.068	0.710
30.0	12.665	33.797	25.528	245.31	0.080	0.681
40.0	11.889	33.813	25.690	230.19	0.104	0.542
50.0	11.252	33.818	25.811	218.83	0.127	0.426
60.0	10.585	33.820	25.932	207.53	0.148	0.306
70.0	10.413	33.827	25.967	204.38	0.169	0.281
80.0	10.290	33.872	26.024	199.21	0.189	0.295
100.0	10.034	33.909	26.097	192.69	0.228	0.280
120.0	9.498	33.977	26.239	179.51	0.265	0.243
140.0	9.256	34.008	26.303	173.78	0.300	0.227
160.0	9.035	34.043	26.366	168.14	0.334	0.219
180.0	8.825	34.060	26.413	164.00	0.367	0.199
200.0	8.624	34.095	26.472	158.75	0.400	0.195
250.0	8.374	34.145	26.551	152.15	0.477	0.195
300.0	7.969	34.171	26.632	145.12	0.551	0.154
350.0	7.135	34.175	26.755	133.73	0.621	0.037
397.8	6.824	34.208	26.824	127.73	0.683	0.020

STATION: 6 DATE: 8/ 3/88 2336 GMT

LAT: 36 18.8 N. LON: 122 10.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.9	15.688	33.404	24.591	333.76	0.006	1.019
5.0	15.131	33.428	24.733	320.38	0.016	0.913
10.0	14.418	33.502	24.943	300.53	0.032	0.813
15.0	14.069	33.488	25.006	294.67	0.047	0.727
20.0	13.581	33.467	25.090	286.76	0.061	0.607
25.0	12.993	33.433	25.182	278.12	0.075	0.459
30.0	12.697	33.473	25.271	269.74	0.089	0.431
40.0	12.213	33.583	25.449	253.05	0.115	0.422
50.0	12.548	33.724	25.495	249.00	0.141	0.599
60.0	11.480	33.813	25.766	223.41	0.164	0.464
70.0	10.742	33.828	25.911	209.80	0.186	0.340
80.0	9.947	33.858	26.071	194.70	0.206	0.225
100.0	9.491	33.932	26.205	182.30	0.244	0.207
120.0	9.316	33.990	26.279	175.65	0.280	0.224
140.0	8.881	33.996	26.353	168.90	0.314	0.158
160.0	8.722	34.041	26.414	163.49	0.348	0.168
180.0	8.449	34.080	26.487	156.88	0.380	0.156
200.0	8.082	34.066	26.531	152.92	0.411	0.089
250.0	7.828	34.122	26.613	145.93	0.485	0.095
300.0	7.456	34.156	26.694	138.89	0.556	0.067
350.0	7.041	34.157	26.754	133.80	0.625	0.009
400.0	6.856	34.197	26.812	128.98	0.690	0.015
450.0	6.486	34.227	26.885	122.48	0.753	-0.011
500.0	6.268	34.245	26.928	118.92	0.813	-0.026
550.0	6.076	34.264	26.968	115.62	0.872	-0.036
600.0	5.777	34.292	27.028	110.23	0.928	-0.051
650.0	5.606	34.307	27.061	107.55	0.983	-0.061
700.0	5.266	34.349	27.135	100.67	1.034	-0.068
750.0	4.855	34.369	27.198	94.60	1.083	-0.100
800.0	4.699	34.376	27.222	92.67	1.130	-0.112
863.2	4.405	34.403	27.276	87.69	1.187	-0.123

STATION: 7 DATE: 8/ 4/88 0030 GMT

LAT: 36 18.9 N. LON: 122 14.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.9	15.626	33.356	24.568	335.96	0.006	0.967
5.0	15.383	33.373	24.635	329.67	0.017	0.926
10.0	14.680	33.439	24.839	310.41	0.033	0.821
15.0	13.625	33.488	25.097	285.98	0.048	0.633
20.0	13.675	33.537	25.125	283.44	0.062	0.682
25.0	13.087	33.519	25.230	273.58	0.076	0.546
30.0	12.822	33.529	25.290	268.01	0.089	0.500
40.0	11.768	33.490	25.461	251.87	0.115	0.263
50.0	11.290	33.553	25.598	239.10	0.140	0.223
60.0	11.147	33.616	25.673	232.16	0.164	0.246
70.0	10.721	33.694	25.810	219.39	0.186	0.230
80.0	10.706	33.792	25.889	212.05	0.208	0.305
100.0	9.888	33.870	26.091	193.21	0.248	0.224
120.0	9.545	33.904	26.175	185.61	0.286	0.193
140.0	9.030	33.968	26.308	173.25	0.322	0.159
160.0	8.740	34.018	26.393	165.50	0.356	0.153
180.0	8.359	34.038	26.468	158.68	0.388	0.109
200.0	8.030	34.037	26.516	154.29	0.419	0.058
250.0	7.537	34.086	26.627	144.41	0.494	0.024
300.0	7.340	34.133	26.693	138.96	0.565	0.033
350.0	6.981	34.156	26.761	133.04	0.633	0.000
400.0	6.599	34.196	26.844	125.63	0.698	-0.020
450.0	6.316	34.241	26.918	119.17	0.758	-0.022
500.0	6.100	34.264	26.964	115.29	0.817	-0.032
550.0	5.874	34.286	27.010	111.36	0.874	-0.043
600.0	5.548	34.292	27.056	107.31	0.928	-0.079
650.0	5.355	34.331	27.110	102.56	0.981	-0.072
700.0	5.108	34.352	27.156	98.46	1.031	-0.084
750.0	4.865	34.370	27.198	94.60	1.079	-0.097
800.0	4.624	34.389	27.241	90.75	1.126	-0.109
989.6	3.954	34.460	27.369	79.17	1.284	-0.125

STATION: 8 DATE: 8/ 4/88 1706 GMT

LAT: 36 20.0 N. LON: 122 18.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.9	15.740	33.392	24.570	335.74	0.006	1.022
5.0	14.512	33.332	24.791	314.79	0.016	0.700
10.0	13.936	33.258	24.856	308.79	0.032	0.517
15.0	13.446	33.240	24.942	300.73	0.047	0.400
20.0	13.094	33.280	25.043	291.20	0.062	0.359
25.0	13.119	33.349	25.092	286.71	0.076	0.418
30.0	12.915	33.475	25.230	273.70	0.091	0.477
40.0	11.313	33.468	25.528	245.52	0.116	0.160
50.0	11.421	33.604	25.614	237.54	0.140	0.288
60.0	11.089	33.730	25.772	222.74	0.163	0.326
70.0	10.773	33.777	25.866	214.08	0.185	0.306
80.0	10.506	33.849	25.968	204.51	0.206	0.315
100.0	9.622	33.884	26.146	187.95	0.245	0.190
120.0	9.143	33.958	26.282	175.36	0.281	0.170
140.0	8.738	34.009	26.386	165.76	0.315	0.146
160.0	8.525	34.046	26.448	160.18	0.348	0.141
180.0	8.504	34.083	26.481	157.50	0.380	0.167
200.0	8.246	34.085	26.522	153.86	0.411	0.129
250.0	7.573	34.098	26.632	144.03	0.485	0.039
300.0	7.174	34.120	26.706	137.61	0.556	-0.001
350.0	6.922	34.167	26.778	131.39	0.623	0.001
400.0	6.692	34.182	26.821	127.89	0.688	-0.019
450.0	6.441	34.228	26.891	121.80	0.750	-0.016
500.0	6.098	34.269	26.968	114.90	0.809	-0.028
550.0	5.706	34.302	27.044	107.97	0.865	-0.051
600.0	5.292	34.306	27.097	103.03	0.918	-0.098
650.0	5.147	34.327	27.131	100.24	0.969	-0.099
700.0	4.885	34.351	27.181	95.75	1.018	-0.110
750.0	4.769	34.368	27.207	93.59	1.066	-0.110
800.0	4.469	34.407	27.272	87.55	1.111	-0.112
997.9	4.122	34.443	27.338	82.52	1.277	-0.122

STATION: 9 DATE: 8/ 4/88 1818 GMT

LAT: 36 20.1 N. LON: 122 21.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	16.260	33.263	24.354	356.38	0.006	1.041
5.0	15.330	33.273	24.568	336.02	0.017	0.836
10.0	13.616	33.267	24.928	301.90	0.033	0.457
15.0	13.218	33.312	25.043	291.10	0.048	0.409
20.0	13.425	33.497	25.145	281.54	0.062	0.598
25.0	13.094	33.528	25.235	273.05	0.076	0.555
30.0	13.004	33.609	25.316	265.55	0.090	0.600
40.0	12.748	33.638	25.389	258.82	0.116	0.571
50.0	12.429	33.645	25.457	252.59	0.142	0.514
60.0	11.191	33.470	25.552	243.68	0.166	0.139
70.0	10.216	33.425	25.688	230.89	0.190	-0.072
80.0	9.556	33.463	25.827	217.76	0.213	-0.155
100.0	9.547	33.736	26.042	197.73	0.254	0.061
120.0	8.831	33.825	26.227	180.48	0.292	0.015
140.0	8.831	33.968	26.339	170.24	0.327	0.128
160.0	8.567	34.008	26.412	163.62	0.361	0.118
180.0	8.266	34.040	26.483	157.13	0.393	0.097
200.0	8.087	34.064	26.529	153.10	0.424	0.088
250.0	7.639	34.091	26.617	145.49	0.498	0.043
300.0	6.945	34.106	26.726	135.57	0.569	-0.044
350.0	6.856	34.193	26.808	128.57	0.635	0.013
400.0	6.691	34.226	26.856	124.62	0.698	0.016
450.0	6.355	34.239	26.911	119.85	0.759	-0.019
500.0	5.998	34.272	26.983	113.40	0.817	-0.039
550.0	5.696	34.276	27.024	109.82	0.873	-0.073
600.0	5.472	34.289	27.062	106.57	0.927	-0.090
650.0	5.189	34.316	27.117	101.58	0.979	-0.103
700.0	5.054	34.330	27.145	99.39	1.030	-0.107
750.0	4.777	34.358	27.199	94.43	1.078	-0.117
800.0	4.572	34.393	27.249	89.83	1.124	-0.112
1000.0	3.951	34.461	27.370	79.15	1.294	-0.125
1178.5	3.400	34.510	27.465	70.40	1.427	-0.141

STATION: 10 DATE: 8/ 4/88 2218 GMT

LAT: 36 20.0 N. LON: 122 24.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.9	16.606	33.198	24.224	368.71	0.007	1.071
5.0	16.142	33.227	24.353	356.57	0.018	0.985
10.0	14.635	33.237	24.692	324.40	0.035	0.652
15.0	12.664	33.233	25.091	286.49	0.050	0.235
20.0	12.407	33.324	25.212	275.15	0.064	0.256
25.0	12.792	33.520	25.289	267.98	0.078	0.487
30.0	13.041	33.609	25.309	266.22	0.091	0.608
40.0	11.736	33.497	25.473	250.79	0.117	0.262
50.0	10.616	33.332	25.546	243.96	0.142	-0.075
60.0	10.208	33.477	25.730	226.68	0.166	-0.032
70.0	10.002	33.482	25.768	223.22	0.188	-0.064
80.0	9.505	33.614	25.954	205.74	0.210	-0.043
100.0	9.207	33.719	26.084	193.70	0.250	-0.009
120.0	8.619	33.814	26.251	178.10	0.287	-0.027
140.0	8.493	33.912	26.348	169.30	0.321	0.031
160.0	8.599	34.035	26.428	162.14	0.354	0.144
180.0	8.344	34.050	26.479	157.59	0.386	0.116
200.0	8.079	34.061	26.528	153.21	0.417	0.085
250.0	7.626	34.098	26.624	144.80	0.492	0.046
300.0	6.955	34.085	26.708	137.26	0.563	-0.059
350.0	6.554	34.122	26.792	129.82	0.630	-0.084
400.0	6.547	34.218	26.869	123.27	0.693	-0.009
450.0	6.277	34.257	26.936	117.47	0.753	-0.014
500.0	6.005	34.285	26.992	112.53	0.810	-0.028
550.0	5.663	34.301	27.048	107.52	0.865	-0.057
600.0	5.444	34.313	27.085	104.43	0.918	-0.074
650.0	5.133	34.320	27.127	100.59	0.969	-0.106
700.0	4.849	34.342	27.177	96.00	1.018	-0.121
750.0	4.746	34.361	27.204	93.84	1.066	-0.118
800.0	4.581	34.395	27.250	89.80	1.111	-0.109
1000.0	3.949	34.456	27.367	79.46	1.281	-0.129
1200.0	3.558	34.500	27.442	73.17	1.433	-0.134
1400.0	3.127	34.530	27.508	67.22	1.574	-0.152
1596.3	2.689	34.567	27.577	60.46	1.700	-0.162

STATION: 11 DATE: 8/ 4/88 2341 GMT

LAT: 36 20.1 N. LON: 122 28.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	16.077	33.208	24.353	356.45	0.007	0.955
5.0	16.077	33.208	24.353	356.53	0.018	0.955
10.0	15.735	33.220	24.439	348.50	0.036	0.885
15.0	14.859	33.204	24.619	331.50	0.052	0.674
20.0	13.636	33.190	24.864	308.22	0.068	0.399
25.0	12.660	33.149	25.027	292.85	0.083	0.167
30.0	11.704	33.160	25.217	274.86	0.098	-0.011
40.0	11.271	33.181	25.312	266.03	0.125	-0.077
50.0	11.564	33.365	25.402	257.76	0.151	0.125
60.0	11.071	33.500	25.596	239.44	0.176	0.140
70.0	9.827	33.382	25.719	227.85	0.199	-0.174
80.0	9.745	33.518	25.839	216.65	0.221	-0.079
100.0	9.172	33.733	26.101	192.11	0.262	-0.003
120.0	8.761	33.819	26.233	179.85	0.299	-0.001
140.0	8.376	33.875	26.336	170.35	0.334	-0.017
160.0	8.100	33.935	26.425	162.22	0.368	-0.011
180.0	8.065	34.025	26.501	155.36	0.399	0.054
200.0	7.958	34.074	26.556	150.51	0.430	0.077
250.0	7.175	34.064	26.661	141.05	0.503	-0.044
300.0	6.568	34.054	26.735	134.38	0.572	-0.135
350.0	6.797	34.199	26.820	127.36	0.637	0.009
400.0	6.502	34.211	26.869	123.21	0.700	-0.021
450.0	6.237	34.250	26.935	117.46	0.760	-0.025
500.0	5.769	34.248	26.993	112.20	0.817	-0.086
550.0	5.738	34.299	27.038	108.62	0.872	-0.050
600.0	5.362	34.311	27.093	103.56	0.925	-0.086
650.0	5.022	34.326	27.145	98.76	0.976	-0.114
700.0	4.781	34.338	27.182	95.46	1.024	-0.132
750.0	4.651	34.369	27.221	92.12	1.071	-0.122
800.0	4.515	34.392	27.255	89.21	1.116	-0.119
1000.0	3.885	34.459	27.375	78.51	1.284	-0.133
1200.0	3.497	34.499	27.447	72.52	1.435	-0.140
1400.0	2.999	34.538	27.525	65.10	1.572	-0.157
1600.0	2.710	34.562	27.571	61.09	1.698	-0.164
1800.0	2.419	34.586	27.616	56.93	1.817	-0.171
1824.2	2.347	34.592	27.627	55.70	1.831	-0.171

STATION: 12 DATE: 8/ 5/88 0330 GMT

LAT: 36 20.0 N. LON: 122 31.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	17.018	33.067	24.028	387.44	0.007	1.067
5.0	16.760	33.157	24.157	375.22	0.019	1.076
10.0	16.116	33.269	24.391	353.08	0.037	1.011
15.0	14.531	33.223	24.703	323.45	0.054	0.618
20.0	13.048	33.170	24.967	298.47	0.070	0.261
25.0	12.109	33.149	25.133	282.78	0.084	0.058
30.0	11.701	33.154	25.212	275.31	0.098	-0.017
40.0	11.135	33.248	25.389	258.70	0.125	-0.048
50.0	10.843	33.336	25.510	247.44	0.150	-0.031
60.0	10.925	33.516	25.635	235.79	0.174	0.126
70.0	10.103	33.490	25.757	224.25	0.197	-0.040
80.0	9.658	33.494	25.835	217.02	0.219	-0.112
100.0	9.220	33.716	26.080	194.12	0.260	-0.009
120.0	8.849	33.829	26.228	180.41	0.298	0.021
140.0	8.421	33.886	26.338	170.18	0.333	-0.001
160.0	8.088	33.930	26.423	162.42	0.366	-0.017
180.0	7.972	33.983	26.482	157.17	0.398	0.007
200.0	7.976	34.052	26.536	152.38	0.429	0.062
250.0	7.650	34.102	26.624	144.83	0.503	0.053
300.0	6.831	34.090	26.729	135.17	0.573	-0.071
350.0	6.542	34.140	26.807	128.32	0.639	-0.071
400.0	6.435	34.218	26.883	121.82	0.701	-0.024
450.0	5.660	34.177	26.949	115.51	0.761	-0.155
500.0	5.965	34.283	26.996	112.13	0.818	-0.034
550.0	5.616	34.308	27.059	106.44	0.872	-0.058
600.0	5.295	34.315	27.104	102.42	0.924	-0.090
650.0	4.988	34.311	27.136	99.49	0.975	-0.130
700.0	4.781	34.342	27.185	95.19	1.023	-0.129
750.0	4.595	34.373	27.230	91.12	1.070	-0.125
800.0	4.422	34.403	27.274	87.28	1.114	-0.120
1000.0	3.828	34.466	27.386	77.33	1.279	-0.133
1200.0	3.308	34.515	27.477	69.13	1.426	-0.146
1400.0	3.033	34.535	27.520	65.72	1.560	-0.156
1600.0	2.628	34.569	27.584	59.60	1.686	-0.165
1800.0	2.273	34.596	27.636	54.39	1.800	-0.174
2000.0	2.012	34.623	27.679	50.14	1.903	-0.174
2129.8	1.887	34.638	27.702	48.03	1.967	-0.172

STATION: 13 DATE: 8/ 5/88 0500 GMT

LAT: 36 20.0 N. LON: 122 35.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.9	16.790	33.078	24.090	381.56	0.007	1.021
5.0	16.469	33.110	24.188	372.26	0.019	0.970
10.0	16.067	33.236	24.377	354.40	0.037	0.974
15.0	14.582	33.210	24.682	325.48	0.054	0.619
20.0	12.997	33.124	24.941	300.89	0.070	0.214
25.0	12.297	33.143	25.092	286.67	0.084	0.089
30.0	11.812	33.121	25.166	279.67	0.099	-0.022
40.0	11.353	33.297	25.387	258.85	0.125	0.032
50.0	11.920	33.625	25.538	244.81	0.150	0.399
60.0	10.904	33.641	25.736	226.15	0.174	0.222
70.0	9.923	33.467	25.770	223.05	0.197	-0.089
80.0	9.416	33.563	25.928	208.15	0.218	-0.098
100.0	8.934	33.717	26.126	189.66	0.258	-0.054
120.0	8.635	33.813	26.248	178.43	0.295	-0.026
140.0	8.407	33.867	26.325	171.43	0.330	-0.019
160.0	8.135	33.936	26.420	162.68	0.364	-0.006
180.0	7.931	33.950	26.462	158.99	0.396	-0.025
200.0	7.757	33.972	26.505	155.25	0.427	-0.034
250.0	7.340	34.043	26.621	144.88	0.502	-0.038
300.0	6.908	34.093	26.721	135.99	0.572	-0.059
350.0	6.510	34.131	26.805	128.55	0.639	-0.082
400.0	6.188	34.162	26.871	122.69	0.701	-0.100
450.0	5.859	34.190	26.936	117.01	0.761	-0.120
500.0	5.680	34.236	26.994	111.95	0.819	-0.106
550.0	5.649	34.299	27.048	107.48	0.874	-0.061
600.0	5.393	34.312	27.090	103.87	0.927	-0.081
650.0	5.097	34.332	27.141	99.25	0.977	-0.100
700.0	4.798	34.338	27.180	95.70	1.026	-0.130
750.0	4.620	34.366	27.222	91.94	1.072	-0.128
800.0	4.466	34.389	27.258	88.84	1.118	-0.126
1000.0	3.839	34.463	27.383	77.67	1.284	-0.134
1200.0	3.378	34.508	27.465	70.44	1.432	-0.145
1400.0	2.990	34.539	27.527	64.93	1.567	-0.157
1600.0	2.626	34.571	27.586	59.44	1.691	-0.164
1800.0	2.317	34.597	27.633	54.85	1.806	-0.170
2000.0	2.077	34.619	27.671	51.24	1.911	-0.172
2200.0	1.908	34.638	27.701	48.56	2.011	-0.171
2400.0	1.786	34.650	27.721	46.88	2.106	-0.172
2576.0	1.720	34.657	27.732	46.12	2.188	-0.172

STATION: 14 DATE: 8/ 5/88 1034 GMT

LAT: 36 20.0 N. LON: 122 38.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	17.090	33.014	23.970	392.93	0.007	1.043
5.0	16.801	33.038	24.056	384.84	0.020	0.992
10.0	16.097	33.213	24.353	356.74	0.038	0.963
15.0	15.532	33.317	24.559	337.21	0.055	0.914
20.0	14.942	33.272	24.654	328.35	0.072	0.746
25.0	13.844	33.206	24.834	311.23	0.088	0.456
30.0	12.382	33.158	25.087	287.21	0.103	0.118
40.0	11.570	33.160	25.241	272.78	0.131	-0.037
50.0	11.132	33.234	25.379	259.90	0.157	-0.060
60.0	12.037	33.614	25.508	247.96	0.183	0.412
70.0	11.653	33.613	25.579	241.43	0.207	0.338
80.0	11.331	33.774	25.764	224.09	0.230	0.405
100.0	9.730	33.698	25.983	203.46	0.273	0.061
120.0	8.859	33.729	26.147	188.04	0.313	-0.057
140.0	8.495	33.847	26.297	174.15	0.349	-0.020
160.0	8.244	33.909	26.383	166.24	0.383	-0.011
180.0	7.830	33.951	26.478	157.49	0.415	-0.039
200.0	7.673	33.984	26.527	153.12	0.446	-0.036
250.0	7.330	34.042	26.622	144.81	0.520	-0.040
300.0	6.976	34.095	26.713	136.77	0.590	-0.048
350.0	6.605	34.136	26.796	129.44	0.657	-0.066
400.0	6.308	34.159	26.853	124.51	0.720	-0.087
450.0	5.574	34.137	26.928	117.39	0.781	-0.196
500.0	5.880	34.268	26.995	112.14	0.838	-0.056
550.0	5.692	34.309	27.051	107.31	0.893	-0.048
600.0	5.320	34.310	27.097	103.13	0.945	-0.092
650.0	5.095	34.330	27.139	99.38	0.996	-0.102
700.0	4.801	34.354	27.192	94.52	1.044	-0.117
750.0	4.558	34.376	27.237	90.45	1.091	-0.126
800.0	4.459	34.400	27.267	87.93	1.135	-0.118
1000.0	3.907	34.454	27.369	79.15	1.301	-0.135
1200.0	3.402	34.506	27.461	70.87	1.451	-0.144
1400.0	2.982	34.539	27.528	64.84	1.586	-0.157
1600.0	2.621	34.569	27.584	59.54	1.710	-0.166
1800.0	2.294	34.597	27.635	54.58	1.824	-0.172
2000.0	2.059	34.620	27.673	50.94	1.930	-0.173
2200.0	1.895	34.638	27.702	48.40	2.029	-0.172
2400.0	1.811	34.646	27.715	47.49	2.125	-0.173
2600.0	1.746	34.654	27.728	46.76	2.219	-0.173
2800.0	1.685	34.661	27.739	46.10	2.312	-0.173
3000.0	1.632	34.665	27.748	45.71	2.404	-0.175
3077.3	1.598	34.668	27.753	45.25	2.439	-0.175

STATION: 15 DATE: 8/ 5/88 1230 GMT

LAT: 36 20.1 N. LON: 122 41.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	17.058	32.994	23.963	393.67	0.007	1.019
5.0	16.723	33.039	24.075	383.04	0.020	0.974
10.0	15.840	33.233	24.426	349.73	0.038	0.919
15.0	15.614	33.302	24.530	339.99	0.055	0.922
20.0	15.265	33.330	24.628	330.75	0.072	0.865
25.0	13.904	33.237	24.846	310.10	0.088	0.493
30.0	13.150	33.197	24.968	298.63	0.103	0.303
40.0	12.122	33.149	25.130	283.37	0.132	0.060
50.0	11.228	33.166	25.308	266.62	0.159	-0.097
60.0	10.811	33.243	25.442	254.04	0.185	-0.112
70.0	11.104	33.552	25.632	236.34	0.210	0.188
80.0	11.000	33.760	25.812	219.42	0.233	0.333
100.0	9.355	33.730	26.069	195.14	0.274	0.024
120.0	8.726	33.782	26.210	182.07	0.311	-0.036
140.0	8.442	33.864	26.318	172.10	0.347	-0.015
160.0	8.150	33.931	26.415	163.21	0.380	-0.007
180.0	8.053	33.982	26.469	158.37	0.412	0.018
200.0	7.891	34.014	26.519	153.98	0.443	0.020
250.0	7.412	34.083	26.643	142.88	0.517	0.004
300.0	6.923	34.091	26.718	136.32	0.587	-0.058
350.0	6.649	34.139	26.793	129.81	0.653	-0.058
400.0	5.788	34.093	26.867	122.72	0.716	-0.204
450.0	5.628	34.150	26.932	117.08	0.776	-0.179
500.0	5.412	34.214	27.009	110.28	0.833	-0.156
550.0	5.432	34.272	27.053	106.72	0.887	-0.108
600.0	5.295	34.312	27.102	102.63	0.939	-0.093
650.0	4.853	34.311	27.152	97.81	0.989	-0.144
700.0	4.809	34.365	27.200	93.82	1.037	-0.107
750.0	4.571	34.385	27.243	89.91	1.083	-0.118
800.0	4.360	34.395	27.274	87.12	1.127	-0.133
1000.0	3.761	34.472	27.398	76.09	1.290	-0.135
1200.0	3.374	34.507	27.465	70.47	1.437	-0.146
1400.0	2.926	34.543	27.536	63.86	1.571	-0.159
1600.0	2.591	34.572	27.589	58.95	1.694	-0.166
1800.0	2.259	34.600	27.641	53.93	1.808	-0.172
2000.0	2.048	34.621	27.675	50.73	1.913	-0.173
2200.0	1.907	34.638	27.701	48.55	2.012	-0.171
2400.0	1.831	34.646	27.714	47.74	2.108	-0.172
2600.0	1.746	34.654	27.728	46.76	2.203	-0.173
2800.0	1.676	34.662	27.741	45.90	2.295	-0.173
3000.0	1.636	34.666	27.748	45.69	2.387	-0.174
3157.4	1.596	34.669	27.755	45.39	2.459	-0.175

STATION: 16 DATE: 8/ 6/88 0006 GMT

LAT: 36 20.4 N. LON: 122 48.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	18.146	32.974	23.687	420.01	0.008	1.273
5.0	17.419	32.966	23.856	403.96	0.021	1.086
10.0	17.109	32.966	23.929	397.13	0.041	1.009
15.0	16.322	32.944	24.095	381.47	0.060	0.803
20.0	15.795	32.970	24.234	368.33	0.079	0.701
25.0	14.414	32.927	24.500	343.07	0.097	0.356
30.0	13.558	32.873	24.636	330.28	0.114	0.130
40.0	12.598	33.090	24.993	296.44	0.145	0.106
50.0	11.939	33.190	25.196	277.31	0.173	0.057
60.0	11.230	33.247	25.371	260.84	0.200	-0.032
70.0	10.376	33.299	25.562	242.82	0.225	-0.145
80.0	10.135	33.440	25.713	228.65	0.249	-0.074
100.0	9.362	33.613	25.976	203.96	0.292	-0.068
120.0	8.782	33.767	26.189	184.02	0.331	-0.039
140.0	8.512	33.884	26.323	171.68	0.366	0.011
160.0	8.328	33.956	26.408	163.95	0.400	0.040
180.0	7.990	33.983	26.480	157.38	0.432	0.010
200.0	7.704	33.995	26.531	152.75	0.463	-0.023
250.0	7.316	34.049	26.629	144.09	0.537	-0.036
300.0	7.063	34.107	26.711	137.08	0.607	-0.027
350.0	6.557	34.118	26.788	130.16	0.674	-0.087
400.0	6.126	34.140	26.862	123.52	0.738	-0.125
450.0	5.732	34.156	26.924	117.94	0.798	-0.162
500.0	5.384	34.181	26.986	112.33	0.856	-0.185
550.0	5.152	34.219	27.044	107.24	0.910	-0.182
600.0	4.973	34.255	27.093	102.92	0.963	-0.175
650.0	4.835	34.308	27.152	97.81	1.013	-0.148
700.0	4.650	34.347	27.203	93.22	1.061	-0.139
750.0	4.473	34.368	27.240	89.99	1.107	-0.142
800.0	4.314	34.393	27.277	86.73	1.151	-0.139
1000.0	3.761	34.467	27.394	76.46	1.313	-0.139
1200.0	3.323	34.508	27.470	69.79	1.459	-0.150
1400.0	2.919	34.544	27.537	63.72	1.593	-0.159
1600.0	2.568	34.572	27.591	58.67	1.714	-0.168
1800.0	2.300	34.595	27.633	54.80	1.828	-0.173
2000.0	2.061	34.619	27.672	51.04	1.934	-0.174
2200.0	1.922	34.636	27.698	48.88	2.034	-0.172
2400.0	1.817	34.646	27.715	47.56	2.130	-0.173
2600.0	1.757	34.653	27.726	46.97	2.225	-0.173
2800.0	1.688	34.661	27.739	46.14	2.318	-0.173
3000.0	1.632	34.666	27.748	45.64	2.410	-0.174
3200.0	1.573	34.671	27.758	45.05	2.500	-0.175
3325.3	1.576	34.672	27.759	45.38	2.557	-0.175

STATION: 17 DATE: 8/ 6/88 0606 GMT

LAT: 36 20.0 N. LON: 122 55.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	17.987	32.949	23.706	418.14	0.008	1.213
5.0	17.281	32.946	23.874	402.27	0.021	1.036
10.0	17.134	32.952	23.913	398.68	0.041	1.005
15.0	16.816	32.961	23.995	391.05	0.060	0.935
20.0	15.450	32.902	24.258	366.02	0.079	0.568
25.0	15.127	33.003	24.406	352.05	0.097	0.574
30.0	14.947	33.102	24.522	341.21	0.115	0.613
40.0	12.381	32.951	24.928	302.66	0.146	-0.047
50.0	11.589	33.110	25.200	276.98	0.175	-0.074
60.0	11.294	33.179	25.307	266.98	0.202	-0.074
70.0	10.764	33.279	25.479	250.79	0.228	-0.092
80.0	10.473	33.403	25.626	236.98	0.252	-0.045
100.0	9.565	33.548	25.893	211.95	0.297	-0.086
120.0	9.157	33.742	26.110	191.61	0.338	0.001
140.0	8.557	33.838	26.280	175.77	0.374	-0.018
160.0	8.341	33.903	26.364	168.06	0.409	0.000
180.0	8.088	33.961	26.448	160.41	0.441	0.008
200.0	7.985	33.987	26.484	157.33	0.473	0.012
250.0	7.533	34.047	26.597	147.29	0.549	-0.007
300.0	7.110	34.100	26.699	138.19	0.621	-0.025
350.0	6.582	34.141	26.803	128.76	0.687	-0.065
400.0	6.095	34.154	26.876	122.14	0.750	-0.119
450.0	5.741	34.178	26.940	116.47	0.809	-0.144
500.0	5.417	34.203	26.999	111.14	0.866	-0.164
550.0	5.218	34.249	27.060	105.80	0.921	-0.151
600.0	5.047	34.274	27.100	102.39	0.973	-0.151
650.0	4.766	34.297	27.150	97.80	1.023	-0.165
700.0	4.684	34.331	27.187	94.81	1.070	-0.148
750.0	4.545	34.353	27.220	91.99	1.117	-0.146
800.0	4.370	34.379	27.260	88.45	1.162	-0.145
1000.0	3.852	34.452	27.373	78.63	1.328	-0.141
1200.0	3.370	34.503	27.462	70.72	1.477	-0.149
1400.0	2.928	34.543	27.536	63.91	1.612	-0.159
1600.0	2.568	34.572	27.591	58.66	1.735	-0.168
1800.0	2.271	34.597	27.637	54.30	1.848	-0.173
2000.0	2.057	34.618	27.672	51.06	1.953	-0.175
2200.0	1.914	34.632	27.695	49.07	2.053	-0.175
2400.0	1.812	34.645	27.715	47.57	2.149	-0.174
2600.0	1.750	34.653	27.727	46.88	2.243	-0.173
2800.0	1.681	34.660	27.739	46.12	2.336	-0.174
3000.0	1.628	34.665	27.748	45.65	2.428	-0.175
3200.0	1.582	34.670	27.757	45.25	2.519	-0.176
3400.0	1.550	34.673	27.763	45.13	2.609	-0.177
3497.1	1.553	34.675	27.765	45.32	2.653	-0.176

STATION: 18 DATE: 8/ 6/88 1236 GMT

LAT: 36 20.1 N. LON: 123 1.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.9	17.932	32.925	23.701	418.62	0.008	1.180
5.0	17.438	32.928	23.822	407.21	0.021	1.060
10.0	17.107	32.927	23.900	399.93	0.041	0.978
15.0	16.697	32.912	23.984	392.01	0.061	0.868
20.0	15.439	32.884	24.247	367.12	0.080	0.551
25.0	14.424	32.897	24.475	345.47	0.098	0.335
30.0	13.345	32.916	24.712	323.01	0.114	0.120
40.0	12.329	32.989	24.967	298.89	0.145	-0.027
50.0	11.621	33.049	25.146	282.09	0.174	-0.117
60.0	10.741	33.137	25.373	260.66	0.201	-0.209
70.0	10.720	33.310	25.511	247.74	0.227	-0.075
80.0	10.146	33.411	25.688	231.04	0.251	-0.096
100.0	9.464	33.584	25.937	207.70	0.295	-0.074
120.0	8.946	33.681	26.096	192.88	0.334	-0.081
140.0	8.756	33.843	26.253	178.36	0.371	0.017
160.0	8.402	33.900	26.352	169.24	0.406	0.006
180.0	8.147	33.938	26.421	162.98	0.439	-0.002
200.0	7.722	33.958	26.499	155.75	0.471	-0.049
250.0	7.480	34.067	26.620	145.05	0.546	0.001
300.0	6.920	34.101	26.726	135.57	0.616	-0.051
350.0	6.613	34.121	26.783	130.66	0.683	-0.077
400.0	6.185	34.159	26.869	122.93	0.746	-0.103
450.0	5.854	34.185	26.932	117.37	0.806	-0.125
500.0	5.468	34.218	27.006	110.62	0.863	-0.146
550.0	5.328	34.261	27.056	106.29	0.917	-0.129
600.0	5.107	34.297	27.112	101.41	0.969	-0.126
650.0	4.879	34.326	27.160	97.05	1.019	-0.130
700.0	4.674	34.353	27.206	93.03	1.066	-0.131
750.0	4.477	34.371	27.242	89.83	1.112	-0.139
800.0	4.358	34.395	27.274	87.10	1.156	-0.133
1000.0	3.776	34.460	27.387	77.12	1.319	-0.142
1200.0	3.323	34.507	27.470	69.87	1.466	-0.150
1400.0	2.910	34.544	27.538	63.61	1.599	-0.160
1600.0	2.588	34.571	27.589	58.99	1.721	-0.167
1800.0	2.297	34.594	27.633	54.83	1.836	-0.174
2000.0	2.060	34.617	27.671	51.17	1.941	-0.175
2200.0	1.907	34.634	27.697	48.85	2.041	-0.175
2400.0	1.819	34.644	27.713	47.73	2.138	-0.174
2600.0	1.755	34.652	27.726	47.02	2.232	-0.174
2800.0	1.701	34.660	27.737	46.39	2.326	-0.173
3000.0	1.654	34.664	27.745	46.09	2.418	-0.174
3200.0	1.598	34.669	27.755	45.53	2.510	-0.175
3400.0	1.565	34.673	27.762	45.37	2.601	-0.176
3599.6	1.548	34.674	27.765	45.60	2.691	-0.178

STATION: 19 DATE: 8/ 6/88 1611 GMT

LAT: 36 13.5 N. LON: 123 15.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	17.889	32.912	23.702	418.57	0.008	1.159
5.0	17.690	32.904	23.743	414.71	0.021	1.103
10.0	17.257	32.904	23.847	404.99	0.041	0.996
15.0	17.024	32.898	23.897	400.32	0.061	0.935
20.0	15.602	32.957	24.267	365.19	0.081	0.646
25.0	14.981	33.037	24.464	346.52	0.099	0.569
30.0	14.513	33.053	24.577	335.92	0.116	0.478
40.0	13.340	32.998	24.777	317.12	0.148	0.184
50.0	13.077	33.147	24.944	301.40	0.179	0.248
60.0	12.066	33.090	25.096	287.15	0.208	0.001
70.0	11.657	33.104	25.183	279.06	0.237	-0.066
80.0	11.364	33.152	25.274	270.61	0.264	-0.083
100.0	10.382	33.282	25.548	244.81	0.316	-0.158
120.0	9.532	33.481	25.846	216.78	0.362	-0.145
140.0	8.955	33.728	26.132	189.87	0.402	-0.043
160.0	8.557	33.833	26.276	176.49	0.439	-0.023
180.0	8.198	33.903	26.386	166.34	0.473	-0.022
200.0	8.082	33.975	26.460	159.67	0.506	0.017
250.0	7.356	33.990	26.577	149.04	0.583	-0.077
300.0	6.745	34.013	26.680	139.76	0.655	-0.144
350.0	6.039	34.009	26.768	131.56	0.722	-0.240
400.0	6.142	34.119	26.843	125.32	0.787	-0.140
450.0	5.745	34.146	26.914	118.87	0.847	-0.169
500.0	5.304	34.150	26.971	113.66	0.906	-0.218
550.0	5.069	34.192	27.032	108.22	0.961	-0.213
600.0	4.928	34.255	27.098	102.38	1.014	-0.180
650.0	4.785	34.296	27.148	98.10	1.064	-0.164
700.0	4.651	34.334	27.193	94.19	1.112	-0.149
750.0	4.502	34.356	27.227	91.25	1.158	-0.148
800.0	4.490	34.403	27.266	88.14	1.203	-0.113
1000.0	3.830	34.460	27.382	77.77	1.368	-0.137
1200.0	3.332	34.510	27.471	69.77	1.515	-0.147
1400.0	2.908	34.549	27.542	63.24	1.648	-0.156
1600.0	2.601	34.571	27.588	59.14	1.770	-0.166
1800.0	2.310	34.593	27.631	55.06	1.885	-0.173
2000.0	2.070	34.614	27.668	51.50	1.991	-0.177
2200.0	1.924	34.633	27.695	49.12	2.091	-0.174
2400.0	1.836	34.645	27.713	47.88	2.188	-0.172
2600.0	1.752	34.654	27.728	46.84	2.283	-0.172
2800.0	1.690	34.661	27.739	46.16	2.376	-0.173
3000.0	1.640	34.665	27.747	45.82	2.468	-0.174
3200.0	1.602	34.670	27.755	45.53	2.559	-0.174
3381.6	1.530	34.676	27.766	44.59	2.642	-0.176

STATION: 20 DATE: 8/ 7/88 0218 GMT

LAT: 36 6.6 N. LON: 123 27.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.9	18.740	32.792	23.401	447.29	0.008	1.281
5.0	17.520	32.778	23.688	420.01	0.022	0.962
10.0	17.290	32.792	23.753	413.91	0.043	0.916
15.0	17.296	32.844	23.792	410.42	0.063	0.958
20.0	17.258	32.868	23.819	407.94	0.084	0.968
25.0	16.811	32.838	23.901	400.27	0.104	0.836
30.0	14.389	32.730	24.354	357.16	0.123	0.194
40.0	13.223	32.673	24.548	338.84	0.157	-0.100
50.0	12.614	32.863	24.815	313.64	0.190	-0.072
60.0	12.578	33.077	24.988	297.46	0.221	0.092
70.0	12.148	33.085	25.077	289.21	0.250	0.013
80.0	11.653	33.074	25.160	281.46	0.279	-0.091
100.0	10.717	33.136	25.377	261.13	0.333	-0.215
120.0	10.114	33.307	25.614	238.97	0.383	-0.185
140.0	9.647	33.580	25.905	211.64	0.428	-0.047
160.0	8.957	33.711	26.118	191.59	0.469	-0.057
180.0	8.488	33.838	26.291	175.45	0.505	-0.030
200.0	8.376	33.921	26.373	167.98	0.539	0.018
250.0	7.623	34.015	26.559	150.92	0.619	-0.020
300.0	6.930	34.036	26.673	140.52	0.691	-0.101
350.0	6.424	34.067	26.765	132.20	0.759	-0.144
400.0	5.651	34.031	26.835	125.64	0.824	-0.270
450.0	5.502	34.099	26.906	119.36	0.885	-0.235
500.0	5.572	34.195	26.975	113.62	0.943	-0.151
550.0	5.097	34.190	27.027	108.70	0.998	-0.211
600.0	4.990	34.247	27.085	103.70	1.052	-0.179
650.0	4.710	34.279	27.142	98.49	1.102	-0.186
700.0	4.604	34.329	27.194	93.99	1.150	-0.158
750.0	4.399	34.344	27.229	90.91	1.196	-0.168
800.0	4.294	34.389	27.276	86.79	1.241	-0.145
1000.0	3.741	34.461	27.391	76.65	1.404	-0.145
1200.0	3.251	34.515	27.483	68.44	1.548	-0.151
1400.0	2.852	34.548	27.547	62.63	1.679	-0.161
1600.0	2.559	34.573	27.593	58.49	1.800	-0.168
1800.0	2.276	34.595	27.635	54.50	1.913	-0.174
2000.0	2.056	34.617	27.671	51.13	2.018	-0.175
2200.0	1.926	34.632	27.694	49.22	2.118	-0.175
2400.0	1.822	34.646	27.715	47.63	2.215	-0.172
2600.0	1.751	34.654	27.728	46.82	2.310	-0.173
2800.0	1.696	34.661	27.739	46.25	2.403	-0.172
3000.0	1.641	34.666	27.748	45.76	2.495	-0.173
3200.0	1.601	34.670	27.755	45.52	2.586	-0.174
3400.0	1.573	34.673	27.761	45.48	2.677	-0.175
3547.5	1.553	34.675	27.765	45.46	2.744	-0.176

STATION: 21 DATE: 8/ 7/88 0741 GMT

LAT: 35 57.5 N. LON: 123 49.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	18.320	32.841	23.542	433.79	0.008	1.212
5.0	18.239	32.868	23.583	430.03	0.022	1.212
10.0	17.363	32.879	23.802	409.22	0.043	1.003
15.0	17.204	32.886	23.846	405.20	0.063	0.969
20.0	17.066	32.887	23.880	402.18	0.083	0.936
25.0	16.928	32.888	23.913	399.15	0.103	0.904
30.0	15.910	32.902	24.156	376.06	0.123	0.673
40.0	14.687	32.929	24.445	348.77	0.159	0.418
50.0	13.413	32.989	24.755	319.43	0.192	0.192
60.0	12.475	32.973	24.927	303.20	0.223	-0.011
70.0	11.869	33.016	25.075	289.35	0.252	-0.096
80.0	11.256	33.019	25.190	278.54	0.281	-0.209
100.0	10.623	33.177	25.425	256.60	0.335	-0.199
120.0	9.768	33.365	25.717	229.11	0.383	-0.198
140.0	9.252	33.576	25.966	205.70	0.427	-0.116
160.0	8.815	33.710	26.140	189.47	0.466	-0.080
180.0	8.640	33.822	26.256	178.85	0.503	-0.018
200.0	8.350	33.923	26.379	167.42	0.537	0.016
250.0	7.520	33.995	26.558	150.94	0.616	-0.050
300.0	6.858	34.013	26.665	141.27	0.689	-0.129
350.0	6.466	34.069	26.761	132.58	0.758	-0.137
400.0	6.115	34.096	26.828	126.71	0.822	-0.162
450.0	5.698	34.116	26.897	120.50	0.884	-0.198
500.0	5.439	34.159	26.962	114.66	0.943	-0.196
550.0	5.296	34.216	27.025	109.21	0.999	-0.168
600.0	5.026	34.249	27.083	103.99	1.052	-0.173
650.0	4.788	34.281	27.135	99.28	1.103	-0.175
700.0	4.627	34.318	27.183	95.07	1.151	-0.164
750.0	4.505	34.349	27.221	91.82	1.198	-0.153
800.0	4.288	34.365	27.257	88.52	1.243	-0.164
1000.0	3.768	34.461	27.389	76.98	1.408	-0.143
1200.0	3.314	34.508	27.471	69.69	1.554	-0.150
1400.0	2.922	34.544	27.537	63.76	1.687	-0.159
1600.0	2.593	34.571	27.589	59.03	1.810	-0.167
1800.0	2.315	34.594	27.631	55.06	1.924	-0.172
2000.0	2.087	34.617	27.669	51.50	2.030	-0.173
2200.0	1.925	34.633	27.695	49.14	2.131	-0.174
2400.0	1.827	34.646	27.714	47.69	2.228	-0.172
2600.0	1.748	34.655	27.729	46.71	2.322	-0.172
2800.0	1.676	34.663	27.742	45.83	2.415	-0.172
3000.0	1.630	34.666	27.749	45.60	2.506	-0.174
3200.0	1.592	34.670	27.756	45.39	2.597	-0.175
3400.0	1.567	34.674	27.762	45.33	2.687	-0.175
3600.0	1.542	34.676	27.767	45.37	2.778	-0.176
3800.0	1.518	34.679	27.773	45.34	2.869	-0.177
3875.0	1.505	34.684	27.778	44.99	2.903	-0.175

STATION: 22 DATE: 8/ 7/88 1318 GMT

LAT: 35 46.0 N. LON: 124 12.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.7	17.989	32.899	23.667	421.83	0.007	1.174
5.0	17.969	32.900	23.673	421.40	0.021	1.170
10.0	17.629	32.894	23.751	414.14	0.042	1.080
15.0	16.826	32.916	23.957	394.60	0.062	0.901
20.0	16.230	32.913	24.092	381.87	0.082	0.757
25.0	15.643	32.909	24.222	369.68	0.100	0.618
30.0	15.177	32.925	24.336	358.89	0.119	0.524
40.0	14.240	32.980	24.578	336.05	0.153	0.360
50.0	13.447	33.038	24.786	316.48	0.186	0.238
60.0	13.158	33.105	24.896	306.25	0.217	0.232
70.0	12.912	33.134	24.967	299.72	0.248	0.204
80.0	12.366	33.121	25.063	290.77	0.277	0.084
100.0	11.376	33.153	25.273	271.16	0.334	-0.080
120.0	10.333	33.413	25.659	234.70	0.384	-0.063
140.0	9.652	33.620	25.936	208.71	0.428	-0.014
160.0	9.330	33.735	26.078	195.51	0.469	0.023
180.0	9.099	33.837	26.195	184.76	0.507	0.066
200.0	8.956	33.884	26.255	179.43	0.543	0.080
250.0	8.207	34.020	26.478	158.95	0.627	0.071
300.0	7.530	34.049	26.600	147.86	0.703	-0.007
350.0	6.984	34.099	26.716	137.31	0.774	-0.044
400.0	6.384	34.104	26.800	129.57	0.841	-0.121
450.0	5.807	34.122	26.888	121.43	0.904	-0.180
500.0	5.363	34.147	26.962	114.59	0.963	-0.214
550.0	5.028	34.172	27.021	109.19	1.019	-0.233
600.0	4.953	34.238	27.082	103.97	1.072	-0.191
650.0	4.852	34.298	27.142	98.77	1.123	-0.155
700.0	4.652	34.327	27.187	94.69	1.171	-0.154
750.0	4.438	34.350	27.229	90.92	1.217	-0.160
800.0	4.328	34.372	27.259	88.46	1.262	-0.154
1000.0	3.837	34.458	27.379	78.01	1.428	-0.138
1200.0	3.345	34.514	27.473	69.61	1.575	-0.143
1400.0	2.960	34.548	27.537	63.91	1.709	-0.152
1600.0	2.647	34.570	27.583	59.75	1.832	-0.163
1800.0	2.298	34.595	27.633	54.77	1.946	-0.173
2000.0	2.060	34.618	27.672	51.10	2.052	-0.174
2200.0	1.904	34.635	27.698	48.74	2.151	-0.174
2400.0	1.806	34.647	27.717	47.35	2.248	-0.173
2600.0	1.732	34.655	27.730	46.50	2.341	-0.173
2800.0	1.666	34.662	27.742	45.76	2.434	-0.173
3000.0	1.613	34.667	27.751	45.29	2.524	-0.174
3200.0	1.580	34.671	27.758	45.15	2.615	-0.175
3400.0	1.551	34.675	27.764	45.02	2.705	-0.175
3600.0	1.518	34.678	27.770	44.87	2.795	-0.176
3800.0	1.499	34.684	27.778	44.69	2.885	-0.174
3949.1	1.486	34.686	27.781	44.74	2.951	-0.175

STATION: 23 DATE: 8/ 8/88 0141 GMT

LAT: 36 27.1 N. LON: 122 45.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	16.874	33.041	24.042	386.14	0.008	1.012
5.0	16.871	33.038	24.040	386.35	0.019	1.009
10.0	15.857	33.057	24.287	363.03	0.038	0.784
15.0	15.214	33.024	24.404	351.99	0.056	0.612
20.0	14.959	33.130	24.541	339.09	0.073	0.638
25.0	13.593	33.038	24.756	318.70	0.090	0.269
30.0	12.756	33.076	24.952	300.10	0.105	0.128
40.0	12.117	33.217	25.184	278.25	0.134	0.113
50.0	11.201	33.285	25.406	257.32	0.161	-0.007
60.0	10.726	33.391	25.573	241.60	0.186	-0.009
70.0	10.276	33.524	25.754	224.55	0.210	0.017
80.0	10.495	33.665	25.827	217.93	0.231	0.167
100.0	9.501	33.699	26.021	199.77	0.273	0.024
120.0	8.813	33.748	26.170	185.89	0.312	-0.049
140.0	8.481	33.852	26.302	173.61	0.348	-0.019
160.0	8.153	33.945	26.426	162.20	0.381	0.005
180.0	8.072	34.017	26.494	156.02	0.413	0.049
200.0	8.117	34.080	26.537	152.34	0.444	0.105
250.0	7.383	34.081	26.645	142.61	0.518	-0.001
300.0	6.851	34.093	26.729	135.22	0.587	-0.066
350.0	6.491	34.127	26.804	128.59	0.653	-0.088
400.0	6.510	34.233	26.886	121.67	0.715	-0.002
450.0	6.179	34.262	26.952	115.82	0.775	-0.023
500.0	5.751	34.291	27.029	108.81	0.831	-0.054
550.0	5.360	34.279	27.067	105.33	0.884	-0.111
600.0	5.133	34.300	27.111	101.54	0.936	-0.121
650.0	4.892	34.315	27.150	98.03	0.986	-0.137
700.0	4.731	34.350	27.197	93.96	1.034	-0.128
750.0	4.585	34.379	27.236	90.54	1.080	-0.121
800.0	4.460	34.401	27.268	87.88	1.124	-0.118
1000.0	3.836	34.471	27.390	77.03	1.289	-0.128
1200.0	3.393	34.506	27.462	70.79	1.437	-0.145
1400.0	2.952	34.543	27.533	64.21	1.572	-0.157
1600.0	2.603	34.570	27.587	59.22	1.695	-0.166
1800.0	2.359	34.591	27.625	55.80	1.810	-0.171
2000.0	2.064	34.619	27.672	51.07	1.916	-0.173
2200.0	1.945	34.631	27.692	49.52	2.016	-0.174
2400.0	1.837	34.644	27.712	47.97	2.114	-0.173
2600.0	1.752	34.653	27.727	46.91	2.209	-0.173
2800.0	1.687	34.660	27.738	46.19	2.302	-0.174
2947.8	1.653	34.664	27.745	45.91	2.369	-0.174

STATION: 24 DATE: 8/ 8/88 0548 GMT

LAT: 36 36.1 N. LON: 122 28.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	16.103	33.383	24.482	344.19	0.006	1.099
5.0	16.027	33.384	24.500	342.57	0.017	1.082
10.0	13.800	33.329	24.938	300.98	0.034	0.544
15.0	13.711	33.449	25.049	290.49	0.048	0.621
20.0	13.673	33.714	25.262	270.41	0.062	0.821
25.0	12.992	33.708	25.395	257.85	0.076	0.676
30.0	12.761	33.747	25.471	250.76	0.088	0.661
40.0	11.937	33.792	25.664	232.59	0.113	0.534
50.0	11.284	33.812	25.801	219.85	0.135	0.427
60.0	11.013	33.827	25.862	214.27	0.157	0.389
70.0	10.508	33.825	25.949	206.08	0.178	0.297
80.0	10.076	33.873	26.061	195.62	0.198	0.259
100.0	9.646	33.908	26.161	186.54	0.237	0.214
120.0	9.350	33.990	26.274	176.18	0.273	0.229
140.0	9.172	34.027	26.332	171.04	0.307	0.229
160.0	8.910	34.070	26.407	164.24	0.341	0.220
180.0	8.569	34.106	26.489	156.74	0.373	0.195
200.0	8.417	34.110	26.515	154.55	0.404	0.174
250.0	7.982	34.148	26.611	146.21	0.479	0.138
300.0	7.456	34.160	26.698	138.58	0.550	0.071
350.0	6.970	34.176	26.779	131.37	0.618	0.015
400.0	6.681	34.209	26.844	125.75	0.682	0.001
450.0	6.300	34.226	26.908	120.07	0.743	-0.036
500.0	5.996	34.246	26.963	115.31	0.802	-0.060
550.0	5.804	34.266	27.003	111.93	0.859	-0.068
600.0	5.521	34.288	27.056	107.27	0.913	-0.085
650.0	5.129	34.321	27.128	100.47	0.965	-0.106
700.0	4.858	34.353	27.185	95.29	1.015	-0.111
750.0	4.718	34.380	27.222	92.09	1.061	-0.106
800.0	4.546	34.398	27.256	89.13	1.107	-0.111
1000.0	3.949	34.456	27.367	79.48	1.275	-0.129
1200.0	3.386	34.501	27.459	71.06	1.427	-0.149
1400.0	3.031	34.533	27.518	65.87	1.563	-0.158
1600.0	2.718	34.561	27.570	61.27	1.690	-0.164
1800.0	2.337	34.592	27.628	55.47	1.806	-0.172
2000.0	2.033	34.620	27.675	50.62	1.912	-0.175
2200.0	1.867	34.637	27.703	48.12	2.011	-0.175
2400.0	1.776	34.649	27.720	46.82	2.106	-0.173
2600.0	1.705	34.657	27.733	46.00	2.198	-0.173
2800.0	1.669	34.661	27.740	45.88	2.290	-0.174
2959.4	1.633	34.666	27.748	45.53	2.363	-0.174

STATION: 25 DATE: 8/ 8/88 0906 GMT

LAT: 36 33.7 N. LON: 122 13.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	15.556	33.581	24.757	317.98	0.006	1.128
5.0	15.372	33.587	24.803	313.72	0.016	1.092
10.0	13.595	33.624	25.208	275.21	0.031	0.735
15.0	12.745	33.654	25.401	257.00	0.044	0.584
20.0	12.441	33.691	25.490	248.71	0.057	0.553
25.0	11.706	33.726	25.655	233.08	0.069	0.439
30.0	11.319	33.739	25.737	225.42	0.080	0.376
40.0	10.901	33.849	25.898	210.30	0.102	0.386
50.0	10.608	33.859	25.958	204.84	0.123	0.341
60.0	10.087	33.903	26.082	193.18	0.142	0.285
70.0	9.925	33.921	26.124	189.45	0.161	0.271
80.0	9.844	33.922	26.139	188.25	0.180	0.258
100.0	9.625	33.957	26.202	182.58	0.217	0.249
120.0	9.372	33.989	26.269	176.64	0.253	0.232
140.0	9.188	34.013	26.318	172.34	0.288	0.220
160.0	9.031	34.037	26.362	168.53	0.322	0.214
180.0	8.947	34.052	26.387	166.50	0.356	0.212
200.0	8.724	34.077	26.442	161.60	0.389	0.196
250.0	8.438	34.124	26.524	154.71	0.467	0.188
300.0	8.083	34.150	26.599	148.34	0.543	0.154
350.0	7.647	34.172	26.681	141.17	0.615	0.107
400.0	7.178	34.177	26.752	134.93	0.685	0.044
450.0	6.846	34.199	26.815	129.43	0.751	0.015
500.0	6.302	34.234	26.915	120.18	0.813	-0.030
550.0	5.900	34.236	26.968	115.37	0.872	-0.079
600.0	5.449	34.242	27.028	109.78	0.928	-0.130
650.0	5.178	34.316	27.118	101.47	0.981	-0.104
700.0	4.848	34.356	27.189	94.93	1.030	-0.110
750.0	4.653	34.383	27.232	91.04	1.076	-0.110
800.0	4.464	34.404	27.270	87.73	1.121	-0.115
1000.0	3.943	34.458	27.369	79.28	1.289	-0.128
1200.0	3.325	34.510	27.472	69.67	1.437	-0.148
1400.0	2.904	34.547	27.541	63.34	1.570	-0.158
1600.0	2.586	34.573	27.591	58.82	1.692	-0.166
1800.0	2.313	34.596	27.633	54.87	1.805	-0.171
2000.0	2.008	34.624	27.681	50.01	1.908	-0.173
2200.0	1.912	34.635	27.698	48.83	2.007	-0.173
2400.0	1.809	34.646	27.716	47.46	2.103	-0.173
2459.5	1.804	34.647	27.717	47.54	2.131	-0.173

STATION: 26 DATE: 8/ 8/88 1136 GMT

LAT: 36 38.2 N. LON: 122 8.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	15.090	33.533	24.822	311.74	0.006	0.985
5.0	13.742	33.585	25.147	280.92	0.015	0.736
10.0	12.670	33.715	25.463	250.96	0.028	0.618
15.0	11.807	33.785	25.683	230.19	0.040	0.505
20.0	11.648	33.806	25.729	225.93	0.052	0.491
25.0	11.372	33.829	25.797	219.54	0.063	0.457
30.0	11.241	33.834	25.825	217.03	0.074	0.437
40.0	10.998	33.838	25.873	212.72	0.095	0.396
50.0	10.414	33.867	25.998	201.00	0.116	0.314
60.0	10.021	33.903	26.093	192.14	0.136	0.274
70.0	9.762	33.932	26.160	186.03	0.155	0.253
80.0	9.596	33.957	26.207	181.72	0.173	0.244
100.0	9.489	33.966	26.232	179.78	0.209	0.233
120.0	9.411	33.979	26.255	177.97	0.245	0.230
140.0	9.217	34.017	26.316	172.54	0.280	0.228
160.0	8.941	34.057	26.392	165.66	0.314	0.215
180.0	8.862	34.070	26.415	163.85	0.347	0.213
200.0	8.763	34.072	26.433	162.53	0.379	0.199
250.0	8.326	34.136	26.551	152.13	0.458	0.180
300.0	7.972	34.158	26.621	146.14	0.533	0.144
350.0	7.405	34.181	26.722	137.11	0.603	0.079
400.0	7.088	34.185	26.770	133.11	0.671	0.037
450.0	6.680	34.218	26.852	125.79	0.736	0.007
500.0	6.192	34.221	26.919	119.66	0.797	-0.054
550.0	5.779	34.264	27.005	111.76	0.855	-0.072
600.0	5.473	34.283	27.057	107.03	0.909	-0.095
650.0	5.019	34.337	27.154	97.91	0.960	-0.105
700.0	4.787	34.362	27.200	93.74	1.008	-0.112
750.0	4.638	34.383	27.234	90.88	1.054	-0.112
800.0	4.431	34.404	27.273	87.32	1.099	-0.119
1000.0	3.870	34.464	27.381	77.94	1.264	-0.130
1200.0	3.385	34.506	27.463	70.69	1.412	-0.146
1400.0	2.927	34.543	27.536	63.89	1.546	-0.159
1600.0	2.555	34.575	27.595	58.29	1.667	-0.167
1800.0	2.254	34.600	27.641	53.86	1.780	-0.172
2000.0	2.095	34.617	27.668	51.59	1.885	-0.172
2154.1	2.016	34.625	27.682	50.67	1.964	-0.173

STATION: 27 DATE: 8/ 8/88 1348 GMT

LAT: 36 43.5 N. LON: 122 13.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.9	14.791	33.509	24.869	307.34	0.006	0.900
5.0	14.482	33.497	24.925	302.01	0.015	0.823
10.0	13.807	33.519	25.084	287.09	0.030	0.696
15.0	13.190	33.759	25.394	257.66	0.044	0.757
20.0	12.669	33.790	25.522	245.65	0.056	0.676
25.0	11.962	33.808	25.672	231.52	0.068	0.552
30.0	11.625	33.811	25.737	225.45	0.080	0.490
40.0	10.983	33.854	25.887	211.32	0.101	0.405
50.0	10.852	33.858	25.914	208.99	0.122	0.385
60.0	10.763	33.866	25.936	207.13	0.143	0.375
70.0	10.475	33.873	25.993	201.98	0.164	0.329
80.0	10.122	33.894	26.070	194.84	0.183	0.283
100.0	9.618	33.953	26.201	182.76	0.221	0.244
120.0	9.419	33.986	26.259	177.57	0.257	0.237
140.0	9.216	34.007	26.309	173.19	0.292	0.221
160.0	8.829	34.065	26.416	163.35	0.326	0.204
180.0	8.708	34.089	26.454	160.10	0.358	0.203
200.0	8.608	34.114	26.489	157.13	0.390	0.207
250.0	8.094	34.143	26.591	148.20	0.466	0.151
300.0	7.467	34.108	26.655	142.58	0.539	0.031
350.0	7.071	34.167	26.758	133.45	0.608	0.022
400.0	6.825	34.192	26.811	128.96	0.673	0.007
450.0	6.506	34.214	26.872	123.71	0.737	-0.018
500.0	6.262	34.226	26.914	120.21	0.798	-0.041
550.0	5.906	34.250	26.978	114.44	0.856	-0.068
600.0	5.401	34.280	27.063	106.37	0.911	-0.106
650.0	5.221	34.311	27.110	102.35	0.964	-0.103
700.0	4.792	34.316	27.163	97.22	1.014	-0.148
750.0	4.610	34.360	27.218	92.26	1.061	-0.134
800.0	4.538	34.396	27.256	89.18	1.106	-0.113
914.0	4.200	34.437	27.325	83.16	1.204	-0.118

STATION: 28 DATE: 8/ 8/88 1553 GMT

LAT: 36 45.4 N. LON: 122 2.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.9	15.992	33.530	24.620	331.03	0.006	1.188
5.0	15.806	33.544	24.673	326.09	0.016	1.156
10.0	14.218	33.607	25.065	288.86	0.032	0.853
15.0	12.681	33.692	25.443	253.02	0.045	0.601
20.0	11.741	33.631	25.575	240.53	0.058	0.370
25.0	11.450	33.739	25.713	227.56	0.069	0.401
30.0	11.485	33.800	25.754	223.77	0.081	0.455
40.0	10.410	33.717	25.881	211.85	0.103	0.194
50.0	10.560	33.825	25.940	206.53	0.124	0.306
60.0	10.373	33.876	26.012	199.90	0.144	0.313
70.0	10.088	33.866	26.054	196.13	0.164	0.256
80.0	9.803	33.877	26.110	190.94	0.183	0.216
100.0	9.490	33.968	26.233	179.66	0.220	0.235
120.0	8.992	33.962	26.309	172.72	0.255	0.149
140.0	8.976	34.014	26.353	169.02	0.289	0.187
160.0	8.772	34.041	26.406	164.27	0.323	0.176
180.0	8.612	34.057	26.444	161.03	0.355	0.163
200.0	8.429	34.091	26.499	156.11	0.387	0.162
250.0	7.974	34.117	26.588	148.35	0.463	0.113
300.0	7.657	34.160	26.669	141.46	0.535	0.099
350.0	7.146	34.171	26.750	134.19	0.604	0.035
400.0	6.810	34.189	26.811	128.99	0.670	0.003
450.0	6.328	34.225	26.903	120.55	0.733	-0.033
500.0	5.923	34.247	26.973	114.24	0.791	-0.067
550.0	5.498	34.286	27.056	106.53	0.846	-0.089
600.0	5.209	34.315	27.114	101.36	0.898	-0.101
650.0	5.004	34.335	27.154	97.87	0.948	-0.108
700.0	4.710	34.371	27.216	92.16	0.995	-0.114
750.0	4.564	34.387	27.245	89.70	1.041	-0.117
800.0	4.464	34.396	27.263	88.31	1.085	-0.121
927.6	4.079	34.437	27.337	81.83	1.192	-0.130

STATION: 29 DATE: 8/ 8/88 1711 GMT

LAT: 36 42.3 N. LON: 122 1.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.7	16.194	33.579	24.612	331.81	0.006	1.274
5.0	14.591	33.558	24.947	299.94	0.016	0.897
10.0	12.432	33.524	25.361	260.69	0.030	0.419
15.0	11.922	33.538	25.469	250.49	0.043	0.331
20.0	12.005	33.630	25.525	245.31	0.055	0.420
25.0	11.345	33.624	25.643	234.20	0.067	0.290
30.0	10.813	33.624	25.739	225.22	0.079	0.193
40.0	10.685	33.739	25.851	214.76	0.101	0.261
50.0	10.454	33.817	25.952	205.36	0.122	0.281
60.0	10.367	33.836	25.982	202.74	0.142	0.281
70.0	10.216	33.851	26.020	199.35	0.162	0.266
80.0	9.897	33.892	26.106	191.32	0.182	0.244
100.0	9.671	33.919	26.165	186.13	0.220	0.226
120.0	9.401	33.974	26.253	178.17	0.256	0.225
140.0	9.187	34.005	26.312	172.93	0.291	0.214
160.0	8.954	34.019	26.360	168.67	0.325	0.187
180.0	8.657	34.057	26.437	161.71	0.358	0.170
200.0	8.525	34.079	26.475	158.44	0.390	0.167
250.0	8.202	34.106	26.546	152.51	0.468	0.138
300.0	7.592	34.147	26.668	141.48	0.541	0.080
350.0	7.226	34.166	26.735	135.68	0.611	0.042
400.0	6.852	34.183	26.801	130.00	0.677	0.004
450.0	6.426	34.210	26.879	122.91	0.740	-0.032
500.0	6.128	34.243	26.944	117.20	0.800	-0.045
550.0	5.659	34.272	27.026	109.63	0.857	-0.081
600.0	5.325	34.303	27.091	103.69	0.910	-0.096
650.0	5.111	34.326	27.135	99.86	0.961	-0.104
700.0	4.886	34.355	27.184	95.47	1.010	-0.107
750.0	4.593	34.385	27.240	90.20	1.056	-0.116
800.0	4.342	34.410	27.287	85.82	1.100	-0.123
1000.0	3.695	34.479	27.410	74.82	1.259	-0.136
1200.0	3.288	34.511	27.476	69.17	1.402	-0.150
1400.0	2.855	34.548	27.546	62.67	1.533	-0.161
1497.9	2.695	34.564	27.574	60.19	1.593	-0.163

STATION: 30 DATE: 8/ 8/88 1853 GMT

LAT: 36 46.2 N. LON: 121 56.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	16.257	33.550	24.575	335.31	0.006	1.266
5.0	15.861	33.562	24.674	326.01	0.017	1.183
10.0	14.527	33.640	25.026	292.56	0.032	0.946
15.0	13.166	33.698	25.352	261.68	0.046	0.704
20.0	12.836	33.738	25.449	252.57	0.059	0.669
25.0	12.247	33.704	25.537	244.32	0.071	0.525
30.0	11.912	33.721	25.614	237.15	0.083	0.474
40.0	11.387	33.842	25.805	219.15	0.106	0.470
50.0	11.038	33.850	25.875	212.77	0.128	0.412
60.0	10.562	33.854	25.962	204.64	0.149	0.329
70.0	10.399	33.878	26.010	200.35	0.169	0.319
80.0	9.946	33.853	26.067	195.05	0.189	0.221
100.0	9.375	33.949	26.237	179.25	0.226	0.201
120.0	9.011	34.010	26.344	169.48	0.261	0.190
140.0	8.833	34.037	26.393	165.14	0.294	0.183
160.0	8.733	34.049	26.418	163.10	0.327	0.176
180.0	8.488	34.072	26.474	158.09	0.359	0.155
200.0	8.299	34.090	26.518	154.28	0.390	0.141
250.0	7.628	34.127	26.646	142.67	0.464	0.070
300.0	7.301	34.147	26.710	137.34	0.534	0.039
350.0	7.140	34.161	26.743	134.86	0.602	0.026
385.7	6.998	34.170	26.770	132.76	0.649	0.013

STATION: 31 DATE: 8/ 8/88 1948 GMT

LAT: 36 47.5 N. LON: 121 52.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	16.230	33.646	24.655	327.69	0.006	1.334
5.0	15.733	33.665	24.781	315.74	0.016	1.235
10.0	15.053	33.736	24.987	296.28	0.031	1.137
15.0	14.080	33.748	25.204	275.81	-0.046	0.934
20.0	13.416	33.752	25.344	262.62	0.059	0.797
25.0	13.237	33.778	25.400	257.39	0.072	0.781
30.0	12.552	33.787	25.543	243.91	0.085	0.650
40.0	11.292	33.813	25.800	219.66	0.108	0.430
50.0	10.699	33.796	25.893	210.99	0.129	0.308
60.0	9.791	33.896	26.126	188.98	0.150	0.229
70.0	9.390	33.937	26.225	179.78	0.168	0.195
80.0	9.085	33.962	26.294	173.42	0.186	0.164
100.0	8.898	33.983	26.340	169.40	0.220	0.151
120.0	8.670	34.021	26.406	163.50	0.253	0.145
140.0	8.570	34.035	26.432	161.33	0.285	0.140
160.0	8.331	34.060	26.489	156.28	0.317	0.122
180.0	8.139	34.073	26.528	152.87	0.348	0.103
200.0	7.855	34.093	26.586	147.62	0.378	0.077
237.8	7.626	34.114	26.636	143.41	0.433	0.059

STATION: 32 DATE: 8/ 8/88 2023 GMT

LAT: 36 47.8 N. LON: 121 49.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	15.382	33.727	24.908	303.61	0.005	1.203
5.0	15.388	33.728	24.907	303.76	0.015	1.205
10.0	14.872	33.719	25.013	293.79	0.030	1.083
15.0	14.176	33.715	25.159	280.10	0.045	0.929
20.0	13.495	33.716	25.300	266.77	0.058	0.786
25.0	13.354	33.759	25.362	261.00	0.071	0.790
30.0	13.175	33.749	25.390	258.47	0.084	0.745
40.0	12.586	33.747	25.505	247.78	0.110	0.626
50.0	10.001	33.890	26.087	192.55	0.132	0.260
60.0	9.729	33.918	26.154	186.33	0.150	0.236
70.0	9.230	33.961	26.270	175.52	0.169	0.187
80.0	9.051	33.976	26.310	171.86	0.186	0.170
100.0	8.680	34.012	26.397	163.96	0.219	0.140
120.0	8.546	34.030	26.432	161.02	0.252	0.132
140.0	8.233	34.060	26.503	154.51	0.284	0.108
145.3	8.180	34.069	26.518	153.16	0.292	0.107

STATION: 1 DATE: 9/22/88 2036 GMT

LAT: 36 20.0 N. LON: 121 56.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.764	33.448	25.037	291.22	0.000	0.631
5.0	13.764	33.448	25.037	291.35	0.015	0.631
10.0	13.764	33.448	25.038	291.48	0.029	0.631
15.0	12.896	33.422	25.192	276.90	0.043	0.431
20.0	12.430	33.403	25.269	269.73	0.057	0.323
25 0	12.041	33.450	25.378	259.40	0.070	0.284
30.0	11.385	33.660	25.664	232.37	0.083	0.326
40.0	11.208	33.686	25.716	227.61	0.106	0.313
50 0	11.057	33.702	25.756	224.07	0.128	0.298
60.0	10.803	33.733	25.826	217.64	0.150	0.276
63.3	10.729	33.745	25.848	215.58	0.158	0.273

STATION: 2 DATE: 9/22/88 2123 GMT

LAT: 36 20.0 N. LON: 121 59.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.080	33.544	25.250	271.00	0.000	0.565
5.0	13.080	33.544	25.250	271.13	0.014	0.565
10.0	12.517	33.581	25.389	258.04	0.027	0.481
15.0	12.236	33.594	25.454	251.99	0.040	0.436
20.0	12.013	33.588	25.491	248.55	0.052	0.388
25.0	11.758	33.590	25.541	243.97	0.064	0.341
30.0	11.336	33.645	25.661	232.65	0.076	0.304
40.0	11.105	33.699	25.745	224.90	0.099	0.304
50.0	11.072	33.707	25.757	223.93	0.121	0.305
60.0	10.921	33.725	25.799	220.23	0.144	0.292
70.0	10.593	33.768	25.890	211.76	0.165	0.266
80.0	10.210	33.823	25.999	201.56	0.186	0.242
100.0	9.557	33.933	26.195	183.28	0.224	0.218
105.7	9.551	33.934	26.197	183.23	0.235	0.218

STATION: 3 DATE: 9/22/88 2206 GMT

LAT: 36 20.0 N. LON: 122 1.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.820	33.567	25.118	283.57	0.000	0.737
5.0	13.780	33.568	25.127	282.87	0.014	0.729
10.0	13.629	33.568	25.158	280.03	0.028	0.697
15.0	13.433	33.567	25.197	276.40	0.042	0.656
20.0	13.300	33.584	25.237	272.78	0.056	0.641
25.0	12.652	33.577	25.360	261.13	0.069	0.505
30.0	12.345	33.584	25.425	255.07	0.082	0.450
40.0	12.139	33.596	25.474	250.72	0.107	0.418
50.0	11.579	33.624	25.601	238.87	0.132	0.333
60.0	11.110	33.696	25.742	225.63	0.155	0.303
70.0	10.987	33.713	25.778	222.43	0.178	0.294
80.0	10.843	33.738	25.823	218.38	0.200	0.287
100.0	10.280	33.812	25.979	203.91	0.242	0.245
120.0	9.281	33.980	26.277	175.87	0.280	0.210
123.7	9.186	33.995	26.304	173.35	0.287	0.206

STATION: 4 DATE: 9/22/88 2248 GMT

LAT: 36 20.0 N. LON: 122 5.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.710	33.557	24.923	302.11	0.000	0.920
5.0	14.495	33.544	24.959	298.83	0.015	0.864
10.0	13.113	33.559	25.255	270.80	0.029	0.583
15.0	12.605	33.581	25.372	259.76	0.043	0.498
20.0	12.510	33.588	25.396	257.61	0.055	0.485
25.0	12.182	33.588	25.459	251.73	0.068	0.420
30.0	11.813	33.591	25.531	244.99	0.081	0.352
40.0	11.471	33.622	25.619	236.88	0.105	0.312
50.0	11.110	33.633	25.693	230.03	0.128	0.253
60.0	10.817	33.676	25.779	222.10	0.151	0.234
70.0	10.462	33.739	25.890	211.72	0.172	0.220
80.0	10.248	33.805	25.979	203.47	0.193	0.235
100.0	10.018	33.856	26.058	196.37	0.233	0.235
120.0	9.960	33.878	26.085	194.22	0.272	0.242
140.0	9.566	33.948	26.206	183.07	0.309	0.231
160.0	9.342	33.999	26.283	176.15	0.345	0.234
180.0	9.169	34.024	26.330	171.99	0.380	0.225
200.0	9.001	34.047	26.376	168.04	0.414	0.216
250.0	8.353	34.096	26.515	155.46	0.496	0.153
277 6	7.921	34 131	26.607	147.02	0.537	0.115

STATION: 5 DATE: 9/22/88 2318 GMT

LAT: 36 20.0 N. LON: 122 8.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.239	33.565	25.029	292.01	0.000	0.824
5.0	13.929	33.567	25.095	285.84	0.015	0.760
10.0	12.644	33.587	25.369	259.93	0.028	0.511
15.0	12.580	33.590	25.384	258.63	0.041	0.501
20.0	12.372	33.594	25.427	254.62	0.054	0.463
25.0	12.188	33.601	25.468	250.86	0.067	0.432
30.0	12.025	33.616	25.511	246.95	0.079	0.412
40.0	11.744	33.637	25.580	240.62	0.103	0.374
50.0	11.215	33.677	25.708	228.62	0.127	0.307
60.0	10.449	33.787	25.930	207.72	0.148	0.256
70.0	10.316	33.796	25.960	205.07	0.169	0.240
80.0	10.220	33.810	25.987	202.66	0.190	0.234
100.0	10.004	33.857	26.061	196.06	0.229	0.234
120.0	9.615	33.952	26.201	183.18	0.268	0.243
140.0	9.448	33.985	26.254	178.48	0.304	0.241
160.0	9.339	34.005	26.288	175.64	0.339	0.239
180.0	9.049	34.033	26.357	169.43	0.374	0.213
200.0	8.810	34.080	26.431	162.72	0.407	0.212
221.1	8.722	34.106	26.466	159.80	0.441	0.218

STATION: 6 DATE: 9/23/88 0030 GMT

LAT: 36 20.1 N. LON: 122 12.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.563	33.582	24.974	297.28	0.000	0.908
5.0	14.440	33.569	24.990	295.88	0.015	0.871
10.0	13.692	33.574	25.150	280.78	0.029	0.715
15.0	13.286	33.588	25.243	272.05	0.043	0.642
20.0	12.576	33.582	25.379	259.26	0.056	0.493
25.0	11.552	33.630	25.610	237.39	0.069	0.334
30.0	11.142	33.686	25.728	226.22	0.080	0.302
40.0	10.868	33.706	25.792	220.33	0.103	0.267
50.0	10.671	33.725	25.842	215.80	0.124	0.247
60.0	10.643	33.728	25.850	215.28	0.146	0.244
70.0	10.477	33.758	25.902	210.56	0.167	0.238
80.0	10.335	33.774	25.939	207.23	0.188	0.225
100.0	10.044	33.831	26.034	198.66	0.229	0.220
120.0	9.704	33.896	26.142	188.77	0.267	0.213
140.0	9.664	33.906	26.157	187.75	0.305	0.214
160.0	9.486	33.962	26.231	181.14	0.342	0.229
180.0	9.322	34.012	26.296	175.28	0.377	0.241
200.0	9.107	34.050	26.361	169.49	0.412	0.235
250.0	8.685	34.123	26.486	158.48	0.493	0.225
300.0	8.313	34.150	26.564	151.77	0.571	0.188
350.0	7.623	34.175	26.686	140.63	0.644	0.106
400.0	6.937	34.178	26.785	131.52	0.712	0.011
450.0	6.394	34.206	26.880	122.79	0.775	-0.039
500.0	6.018	34.243	26.958	115.78	0.835	-0.059
550.0	5.728	34.280	27.024	109.91	0.891	-0.066
600.0	5.362	34.276	27.065	106.19	0.945	-0.114
650.0	5.133	34.316	27.124	100.87	0.997	-0.109
700.0	4.931	34.333	27.161	97.68	1.046	-0.119
750.0	4.726	34.358	27.204	93.85	1.094	-0.123
800.0	4.568	34.374	27.235	91.21	1.141	-0.127
866.0	4.386	34.398	27.274	87.85	1.200	-0.129

STATION: 7 DATE: 9/23/88 0123 GMT

LAT: 36 20.1 N. LON: 122 15.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.278	33.562	25.019	293.01	0.000	0.830
5.0	14.177	33.562	25.040	291.14	0.015	0.808
10.0	12.652	33.583	25.364	260.36	0.029	0.509
15.0	11.878	33.627	25.546	243.17	0.041	0.393
20.0	11.467	33.636	25.630	235.34	0.053	0.322
25.0	10.960	33.700	25.771	222.01	0.064	0.279
30.0	10.683	33.744	25.855	214.15	0.075	0.265
40.0	10.492	33.749	25.892	210.83	0.097	0.234
50.0	10.413	33.764	25.918	208.59	0.118	0.232
60.0	10.269	33.803	25.973	203.57	0.138	0.238
70.0	10.125	33.832	26.020	199.30	0.158	0.235
80.0	9.920	33.857	26.075	194.34	0.178	0.219
100.0	9.738	33.889	26.130	189.44	0.216	0.214
120.0	9.563	33.965	26.219	181.44	0.254	0.244
140.0	9.336	34.009	26.291	174.94	0.289	0.241
160.0	9.149	34.043	26.348	169.87	0.324	0.238
180.0	8.829	34.099	26.443	161.20	0.357	0.230
200.0	8.786	34.107	26.456	160.32	0.389	0.229
250.0	8.502	34.150	26.535	153.73	0.467	0.218
300.0	7.972	34.150	26.615	146.73	0.542	0.137
350.0	7.272	34.171	26.733	135.96	0.613	0.053
400.0	6.846	34.176	26.796	130.40	0.679	-0.002
450.0	6.604	34.222	26.865	124.44	0.743	0.001
500.0	6.128	34.217	26.924	119.12	0.804	-0.065
550.0	5.853	34.229	26.968	115.33	0.863	-0.091
600.0	5.592	34.297	27.054	107.52	0.919	-0.070
650.0	5.441	34.310	27.083	105.23	0.972	-0.078
700.0	5.083	34.291	27.110	102.68	1.024	-0.135
750.0	4.825	34.323	27.165	97.62	1.074	-0.139
800.0	4.590	34.364	27.224	92.22	1.121	-0.133
979.6	4.130	34.431	27.328	83.35	1.278	-0.130

STATION: 8 DATE: 9/23/88 0600 GMT

LAT: 36 20.0 N. LON: 122 18.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.930	33.580	25.105	284.77	0.000	0.770
5.0	13.920	33.581	25.108	284.67	0.014	0.768
10.0	13.604	33.570	25.165	279.38	0.028	0.694
15.0	12.430	33.591	25.413	255.84	0.042	0.472
20.0	11.716	33.631	25.580	240.08	0.054	0.365
25.0	11.498	33.629	25.618	236.55	0.066	0.322
30.0	11.193	33.695	25.726	226.44	0.078	0.318
40.0	10.897	33.725	25.802	219.39	0.100	0.288
50.0	10.430	33.770	25.919	208.50	0.121	0.239
60.0	10.186	33.803	25.988	202.19	0.142	0.223
70.0	10.053	33.851	26.048	196.67	0.162	0.238
80.0	9.973	33.873	26.078	193.99	0.182	0.241
100.0	9.752	33.929	26.159	186.69	0.220	0.248
120.0	9.579	33.967	26.218	181.51	0.256	0.249
140.0	9.295	34.017	26.304	173.72	0.292	0.241
160.0	9.104	34.044	26.356	169.17	0.326	0.231
180.0	8.918	34.080	26.414	163.99	0.360	0.229
200.0	8.801	34.105	26.453	160.67	0.392	0.230
250.0	8.500	34.148	26.534	153.83	0.471	0.217
300.0	7.951	34.149	26.617	146.50	0.546	0.134
350.0	7.639	34.183	26.690	140.28	0.617	0.114
400.0	6.911	34.206	26.811	129.12	0.685	0.029
450.0	6.358	34.233	26.906	120.35	0.747	-0.023
500.0	6.202	34.247	26.938	117.90	0.807	-0.032
550.0	5.702	34.258	27.010	111.20	0.864	-0.086
600.0	5.372	34.304	27.086	104.22	0.918	-0.090
650.0	5.016	34.325	27.144	98.78	0.969	-0.115
700.0	4.830	34.354	27.189	94.87	1.017	-0.114
750.0	4.720	34.364	27.210	93.30	1.064	-0.118
800.0	4.363	34.391	27.270	87.48	1.109	-0.136
1000.0	4.204	34.421	27.312	85.18	1.282	-0.131
1007.2	4.196	34.421	27.313	85.13	1.288	-0.131

STATION: 9 DATE: 9/23/88 0700 GMT

LAT: 36 20.0 N. LON: 122 21.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.805	33.594	25.142	281.29	0.000	0.755
5.0	13.823	33.594	25.138	281.75	0.014	0.759
10.0	13.659	33.587	25.167	279.19	0.028	0.718
15.0	13.092	33.603	25.293	267.26	0.042	0.614
20.0	12.599	33.611	25.396	257.58	0.055	0.521
25.0	12.464	33.618	25.429	254.65	0.068	0.499
30.0	11.971	33.621	25.525	245.60	0.080	0.406
40.0	11.168	33.679	25.718	227.44	0.104	0.300
50.0	10.763	33.707	25.812	218.67	0.126	0.249
60.0	10.530	33.769	25.901	210.41	0.148	0.256
70.0	10.259	33.782	25.959	205.16	0.168	0.219
80.0	10.103	33.816	26.012	200.28	0.189	0.219
100.0	9.796	33.908	26.136	188.94	0.227	0.239
120.0	9.482	33.972	26.238	179.60	0.264	0.237
140.0	9.320	33.993	26.281	175.86	0.300	0.226
160.0	9.114	34.043	26.354	169.37	0.335	0.232
180.0	8.780	34.064	26.423	163.05	0.368	0.195
200.0	8.608	34.091	26.472	158.78	0.400	0.189
250.0	7.966	34.108	26.582	148.95	0.477	0.104
300.0	7.691	34.148	26.655	142.80	0.550	0.095
350.0	7.288	34.186	26.743	135.06	0.619	0.067
400.0	6.871	34.199	26.810	129.09	0.685	0.018
450.0	6.553	34.237	26.884	122.66	0.747	0.006
500.0	6.144	34.254	26.951	116.61	0.808	-0.034
550.0	5.704	34.260	27.011	111.09	0.864	-0.085
600.0	5.562	34.304	27.064	106.58	0.919	-0.067
650.0	5.245	34.331	27.123	101.15	0.971	-0.084
700.0	4.832	34.329	27.169	96.75	1.020	-0.133
750.0	4.520	34.362	27.230	91.03	1.068	-0.142
800.0	4.423	34.386	27.260	88.56	1.113	-0.134
1000.0	3.864	34.453	27.373	78.70	1.281	-0.140
1176.0	3.246	34.509	27.478	68.66	1.412	-0.156

STATION: 10 DATE: 9/23/88 1154 GMT

LAT: 36 20.4 N. LON: 122 24.9 W

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.931	33.595	25.116	283.69	0.000	0.782
5.0	13.933	33.595	25.116	283.85	0.014	0.782
10.0	13.918	33.594	25.119	283.76	0.028	0.778
15.0	13.841	33.586	25.128	282.98	0.043	0.756
20.0	13.667	33.578	25.158	280.27	0.057	0.713
25.0	13.332	33.539	25.196	276.82	0.071	0.612
30.0	12.192	33.467	25.364	260.93	0.084	0.327
40.0	11.302	33.514	25.566	241.92	0.109	0.195
50.0	10.575	33.556	25.727	226.71	0.132	0.096
60.0	10.158	33.591	25.827	217.44	0.154	0.050
70.0	9.897	33.626	25.898	210.86	0.176	0.033
80.0	9.664	33.688	25.985	202.78	0.196	0.042
100.0	9.416	33.837	26.143	188.18	0.236	0.119
120.0	9.046	33.871	26.229	180.30	0.272	0.086
140.0	8.775	33.936	26.323	171.72	0.308	0.094
160.0	8.463	33.971	26.399	164.84	0.341	0.072
180.0	8.197	34.000	26.462	159.10	0.373	0.055
200.0	7.991	34.018	26.507	155.11	0.405	0.038
250.0	7.530	34.055	26.604	146.63	0.480	-0.001
300.0	7.079	34.082	26.689	139.12	0.552	-0.044
350.0	6.833	34.150	26.777	131.47	0.619	-0.024
400.0	6.589	34.179	26.833	126.74	0.684	-0.035
450.0	6.355	34.223	26.898	121.07	0.746	-0.032
500.0	6.050	34.249	26.959	115.74	0.805	-0.050
550.0	5.841	34.274	27.005	111.83	0.862	-0.057
600.0	5.391	34.261	27.050	107.64	0.917	-0.122
650.0	5.184	34.276	27.086	104.50	0.970	-0.135
700.0	5.167	34.337	27.137	100.29	1.021	-0.089
750.0	4.751	34.325	27.175	96.57	1.070	-0.146
800.0	4.515	34.360	27.229	91.60	1.117	-0.144
1000.0	3.944	34.450	27.362	79.90	1.288	-0.134
1200.0	3.396	34.499	27.456	71.32	1.440	-0.150
1400.0	2.931	34.540	27.533	64.14	1.576	-0.161
1591.9	2.602	34.574	27.590	58.88	1.694	-0.163

STATION: 11 DATE: 9/23/88 1318 GMT

LAT: 36 20.1 N. LON: 122 28.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.403	33.527	24.965	298.09	0.000	0.830
5.0	14.389	33.529	24.970	297.81	0.015	0.828
10.0	14.344	33.535	24.984	296.60	0.030	0.823
15.0	13.897	33.529	25.073	288.28	0.044	0.723
20.0	13.638	33.507	25.109	284.93	0.059	0.650
25.0	13.174	33.487	25.187	277.63	0.073	0.539
30.0	12.419	33.466	25.319	265.18	0.086	0.370
40.0	11.925	33.480	25.424	255.42	0.113	0.285
50.0	11.157	33.514	25.592	239.68	0.137	0.167
60.0	10.567	33.557	25.730	226.68	0.161	0.095
70.0	10.268	33.624	25.834	217.04	0.183	0.095
80.0	9.916	33.653	25.916	209.38	0.204	0.057
100.0	9.266	33.786	26.127	189.64	0.244	0.054
120.0	8.976	33.875	26.244	178.92	0.281	0.078
140.0	8.669	33.934	26.338	170.31	0.316	0.075
160.0	8.537	33.961	26.380	166.65	0.350	0.076
180.0	8.288	33.991	26.441	161.12	0.382	0.061
200.0	8.036	34.021	26.503	155.58	0.414	0.046
250.0	7.548	34.049	26.596	147.36	0.490	-0.004
300.0	7.151	34.094	26.688	139.25	0.562	-0.025
350.0	6.806	34.129	26.764	132.64	0.629	-0.044
400.0	6.726	34.200	26.831	127.01	0.694	0.000
450.0	6.343	34.218	26.896	121.27	0.756	-0.037
500.0	5.697	34.179	26.947	116.41	0.815	-0.149
550.0	5.396	34.213	27.010	110.69	0.872	-0.159
600.0	5.239	34.256	27.063	106.12	0.926	-0.144
650.0	4.968	34.281	27.115	101.49	0.978	-0.156
700.0	4.862	34.317	27.156	98.01	1.028	-0.139
750.0	4.690	34.339	27.193	94.79	1.076	-0.141
800.0	4.550	34.356	27.222	92.33	1.123	-0.144
1000.0	3.963	34.435	27.348	81.21	1.296	-0.144
1200.0	3.482	34.489	27.440	73.08	1.450	-0.150
1400.0	3.021	34.533	27.520	65.74	1.589	-0.159
1600.0	2.680	34.566	27.577	60.44	1.715	-0.163
1800.0	2.308	34.605	27.640	54.16	1.828	-0.164
1849.6	2.120	34.620	27.668	51.03	1.855	-0.167

STATION: 12 DATE: 9/23/88 1818 GMT

LAT: 36 20.2 N. LON: 122 31.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.656	33.348	24.773	316.35	0.000	0.744
5.0	14.655	33.349	24.774	316.42	0.016	0.744
10.0	14.650	33.349	24.776	316.43	0.032	0.743
15.0	14.607	33.347	24.783	315.83	0.047	0.732
20.0	13.223	33.238	24.985	296.75	0.063	0.351
25.0	13.322	33.328	25.035	292.12	0.077	0.443
30.0	12.986	33.320	25.096	286.42	0.092	0.368
40.0	11.506	33.044	25.163	280.22	0.120	-0.142
50.0	10.819	33.025	25.271	270.08	0.148	-0.284
60.0	10.593	33.131	25.394	258.64	0.174	-0.240
70.0	11.460	33.532	25.551	244.01	0.199	0.237
80.0	10.947	33.498	25.617	237.89	0.223	0.116
100.0	10.048	33.642	25.886	212.70	0.268	0.071
120.0	9.443	33.769	26.086	194.03	0.309	0.069
140.0	8.864	33.915	26.292	174.66	0.346	0.091
160.0	8.547	33.977	26.391	165.65	0.380	0.090
180.0	8.569	34.061	26.454	160.07	0.412	0.160
200.0	8.423	34.095	26.503	155.73	0.444	0.164
250.0	7.897	34.149	26.624	144.90	0.519	0.126
300.0	7.449	34.165	26.703	138.11	0.589	0.073
350.0	6.980	34.187	26.786	130.73	0.656	0.025
400.0	6.277	34.149	26.850	124.82	0.720	-0.099
450.0	5.882	34.157	26.906	119.80	0.781	-0.143
500.0	5.760	34.208	26.962	115.07	0.840	-0.119
550.0	5.444	34.230	27.018	110.03	0.896	-0.140
600.0	5.221	34.253	27.063	106.11	0.950	-0.148
650.0	4.976	34.300	27.129	100.17	1.001	-0.140
700.0	4.785	34.326	27.172	96.38	1.050	-0.140
750.0	4.599	34.351	27.212	92.80	1.098	-0.142
800.0	4.431	34.376	27.251	89.40	1.143	-0.140
1000.0	3.869	34.447	27.368	79.19	1.312	-0.144
1200.0	3.380	34.498	27.457	71.22	1.461	-0.152
1400.0	2.984	34.535	27.524	65.15	1.597	-0.160
1600.0	2.659	34.567	27.580	60.10	1.722	-0.164
1800.0	2.302	34.601	27.638	54.38	1.836	-0.168
2000.0	2.083	34.625	27.676	50.86	1.941	-0.167
2105.6	1.989	34.635	27.691	49.41	1.994	-0.167

STATION: 13 DATE: 9/23/88 2248 GMT

LAT: 36 20.1 N. LON: 122 35.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.183	33.222	24.776	316.10	0.000	0.541
5.0	14.183	33.222	24.776	316.23	0.016	0.541
10.0	14.172	33.221	24.778	316.19	0.032	0.538
15.0	13.942	33.237	24.838	310.63	0.047	0.501
20.0	13.496	33.184	24.889	305.91	0.063	0.365
25.0	13.284	33.182	24.930	302.15	0.078	0.320
30.0	12.914	33.148	24.977	297.78	0.093	0.217
40.0	12.720	33.232	25.080	288.23	0.122	0.245
50.0	11.099	33.019	25.217	275.26	0.150	-0.238
60.0	10.469	33.054	25.354	262.35	0.177	-0.324
70.0	10.347	33.205	25.493	249.37	0.203	-0.225
80.0	9.925	33.365	25.690	230.87	0.227	-0.171
100.0	9.504	33.714	26.032	198.67	0.269	0.036
120.0	9.138	33.848	26.196	183.46	0.307	0.082
140.0	8.603	33.895	26.318	172.20	0.342	0.034
160.0	8.253	33.929	26.398	164.89	0.376	0.007
180.0	7.936	33.929	26.445	160.60	0.408	-0.041
200.0	7.793	33.963	26.493	156.41	0.440	-0.035
250.0	7.318	34.033	26.617	145.30	0.515	-0.049
300.0	6.812	34.053	26.702	137.68	0.586	-0.103
350.0	6.508	34.089	26.771	131.69	0.653	-0.116
400.0	6.283	34.138	26.840	125.74	0.718	-0.107
450.0	6.111	34.181	26.897	120.94	0.779	-0.095
500.0	5.600	34.181	26.960	115.04	0.838	-0.159
550.0	5.370	34.232	27.029	108.96	0.894	-0.147
600.0	5.159	34.264	27.079	104.50	0.948	-0.146
650.0	4.937	34.309	27.140	99.02	0.998	-0.137
700.0	4.762	34.333	27.180	95.59	1.047	-0.138
750.0	4.545	34.355	27.221	91.86	1.094	-0.144
800.0	4.393	34.379	27.257	88.73	1.139	-0.142
1000.0	3.916	34.452	27.367	79.37	1.307	-0.135
1200.0	3.409	34.495	27.452	71.77	1.457	-0.152
1400.0	3.008	34.531	27.519	65.71	1.594	-0.161
1600.0	2.601	34.569	27.586	59.28	1.718	-0.168
1800.0	2.245	34.601	27.642	53.68	1.832	-0.172
2000.0	2.003	34.629	27.685	49.59	1.935	-0.170
2200.0	1.858	34.645	27.710	47.44	2.032	-0.170
2400.0	1.780	34.654	27.725	46.48	2.126	-0.169
2600.0	1.695	34.664	27.740	45.36	2.218	-0.169

STATION: 14 DATE: 9/24/88 1341 GMT

LAT: 36 20.1 N. LON: 122 38.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.311	33.151	24.694	323.87	0.000	0.513
5.0	14.310	33.151	24.695	323.97	0.016	0.513
10.0	14.298	33.153	24.699	323.73	0.032	0.511
15.0	14.282	33.159	24.707	323.09	0.049	0.512
20.0	14.258	33.161	24.714	322.60	0.065	0.509
25.0	14.202	33.220	24.771	317.27	0.081	0.543
30.0	14.093	33.234	24.805	314.18	0.097	0.531
40.0	13.036	33.080	24.900	305.35	0.128	0.187
50.0	11.418	32.934	25.094	287.02	0.157	-0.247
60.0	11.008	33.010	25.226	274.58	0.185	-0.262
70.0	10.495	33.094	25.382	259.98	0.212	-0.288
80.0	10.192	33.242	25.549	244.24	0.237	-0.222
100.0	9.405	33.516	25.894	211.82	0.283	-0.138
120.0	8.983	33.646	26.063	196.09	0.323	-0.103
140.0	8.662	33.760	26.202	183.14	0.361	-0.064
160.0	8.360	33.854	26.323	171.98	0.397	-0.036
180.0	7.982	33.926	26.436	161.53	0.430	-0.037
200.0	7.892	33.994	26.503	155.46	0.461	0.004
250.0	7.275	33.999	26.596	147.23	0.537	-0.082
300.0	6.742	34.025	26.690	138.83	0.608	-0.135
350.0	6.332	34.059	26.771	131.60	0.676	-0.163
400.0	5.955	34.089	26.843	125.15	0.740	-0.187
450.0	5.610	34.099	26.894	120.69	0.802	-0.222
500.0	5.589	34.193	26.971	114.04	0.860	-0.151
550.0	5.398	34.221	27.017	110.11	0.916	-0.152
600.0	5.128	34.249	27.071	105.25	0.970	-0.162
650.0	4.875	34.277	27.122	100.62	1.022	-0.169
700.0	4.757	34.314	27.165	96.94	1.071	-0.153
750.0	4.588	34.343	27.207	93.26	1.119	-0.149
800.0	4.434	34.371	27.247	89.81	1.164	-0.144
1000.0	3.841	34.445	27.368	79.05	1.333	-0.148
1200.0	3.368	34.496	27.457	71.21	1.482	-0.155
1400.0	3.013	34.528	27.516	65.99	1.619	-0.163
1600.0	2.656	34.558	27.573	60.74	1.745	-0.172
1800.0	2.312	34.587	27.626	55.51	1.862	-0.178
2000.0	2.057	34.614	27.669	51.35	1.968	-0.178
2200.0	1.892	34.633	27.698	48.72	2.068	-0.176
2400.0	1.793	34.644	27.715	47.39	2.164	-0.176
2600.0	1.714	34.653	27.730	46.39	2.258	-0.176
2800.0	1.658	34.660	27.740	45.80	2.350	-0.176
3000.0	1.624	34.664	27.748	45.66	2.441	-0.176
3075.9	1.626	34.666	27.749	45.79	2.476	-0.175

STATION: 15 DATE: 9/24/88 1553 GMT

LAT: 36 20.0 N. LON: 122 41.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.938	33.151	24.561	336.58	0.000	0.650
5.0	14.938	33.151	24.561	336.71	0.017	0.650
10.0	14.933	33.152	24.563	336.67	0.034	0.650
15.0	14.705	33.293	24.721	321.76	0.050	0.711
20.0	14.623	33.353	24.785	315.86	0.066	0.740
25.0	14.603	33.352	24.788	315.68	0.082	0.734
30.0	14.591	33.351	24.790	315.61	0.098	0.731
40.0	13.862	33.273	24.883	307.06	0.129	0.512
50.0	11.156	32.915	25.126	283.93	0.159	-0.310
60.0	10.405	32.874	25.225	274.61	0.187	-0.480
70.0	10.326	32.978	25.320	265.83	0.214	-0.411
80.0	10.112	33.155	25.494	249.45	0.239	-0.306
100.0	9.640	33.437	25.794	221.33	0.286	-0.161
120.0	9.041	33.668	26.071	195.32	0.328	-0.077
140.0	8.659	33.779	26.218	181.64	0.366	-0.049
160.0	8.308	33.881	26.352	169.23	0.401	-0.023
180.0	8.024	33.944	26.444	160.74	0.434	-0.016
200.0	7.775	33.978	26.508	155.00	0.466	-0.026
250.0	7.388	34.054	26.623	144.70	0.541	-0.022
300.0	6.871	34.082	26.717	136.32	0.611	-0.072
350.0	6.505	34.109	26.788	130.16	0.678	-0.101
400.0	6.273	34.158	26.857	124.15	0.741	-0.093
450.0	5.944	34.184	26.920	118.60	0.802	-0.114
500.0	5.902	34.259	26.985	113.10	0.860	-0.061
550.0	5.698	34.293	27.038	108.56	0.915	-0.059
600.0	5.379	34.302	27.084	104.44	0.968	-0.091
650.0	4.945	34.304	27.136	99.47	1.020	-0.140
700.0	4.784	34.332	27.177	95.93	1.068	-0.136
750.0	4.729	34.371	27.214	92.89	1.116	-0.112
800.0	4.443	34.383	27.255	89.03	1.161	-0.134
1000.0	3.876	34.453	27.372	78.83	1.328	-0.138
1200.0	3.349	34.502	27.463	70.54	1.477	-0.152
1400.0	2.945	34.537	27.529	64.55	1.613	-0.162
1600.0	2.657	34.560	27.574	60.61	1.738	-0.170
1800.0	2.288	34.591	27.631	54.95	1.854	-0.177
2000.0	2.042	34.613	27.669	51.24	1.960	-0.180
2200.0	1.901	34.632	27.696	48.90	2.060	-0.176
2400.0	1.797	34.646	27.717	47.30	2.156	-0.174
2600.0	1.729	34.655	27.730	46.46	2.250	-0.173
2800.0	1.667	34.662	27.741	45.80	2.342	-0.174
3000.0	1.613	34.666	27.750	45.37	2.433	-0.175
3032.4	1.611	34.667	27.751	45.37	2.448	-0.175

STATION: 16 DATE: 9/25/88 0248 GMT

LAT: 36 20.0 N. LON: 122 48.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.824	33.276	24.682	325.07	0.000	0.724
5.0	14.821	33.275	24.682	325.18	0.016	0.723
10.0	14.734	33.339	24.750	318.89	0.032	0.753
15.0	14.637	33.367	24.792	314.98	0.048	0.754
20.0	14.488	33.352	24.813	313.16	0.064	0.710
25.0	14.263	33.349	24.858	308.99	0.079	0.659
30.0	14.191	33.339	24.866	308.41	0.095	0.635
40.0	13.959	33.284	24.871	308.17	0.126	0.541
50.0	13.939	33.295	24.884	307.19	0.156	0.545
60.0	11.203	32.955	25.148	282.08	0.186	-0.269
70.0	10.072	32.867	25.276	269.92	0.214	-0.544
80.0	9.777	32.972	25.407	257.64	0.240	-0.510
100.0	9.861	33.455	25.771	223.56	0.289	-0.110
120.0	9.107	33.617	26.021	200.06	0.331	-0.106
140.0	8.674	33.768	26.207	182.70	0.370	-0.056
160.0	8.392	33.863	26.325	171.80	0.405	-0.024
180.0	8.044	33.950	26.445	160.66	0.438	-0.008
200.0	7.843	33.962	26.485	157.18	0.470	-0.029
250.0	7.206	33.996	26.603	146.55	0.545	-0.094
300.0	6.545	34.017	26.710	136.79	0.616	-0.167
350.0	6.285	34.057	26.775	131.11	0.683	-0.170
400.0	6.158	34.113	26.836	125.96	0.748	-0.143
450.0	5.971	34.182	26.915	119.07	0.809	-0.112
500.0	5.916	34.261	26.985	113.14	0.867	-0.057
550.0	5.603	34.280	27.039	108.31	0.922	-0.081
600.0	5.355	34.304	27.088	104.00	0.975	-0.092
650.0	4.994	34.328	27.150	98.26	1.026	-0.115
700.0	4.730	34.358	27.203	93.36	1.073	-0.122
750.0	4.557	34.379	27.239	90.21	1.119	-0.124
800.0	4.433	34.394	27.265	88.09	1.164	-0.126
1000.0	3.906	34.458	27.372	78.84	1.330	-0.132
1200.0	3.349	34.501	27.462	70.62	1.479	-0.153
1400.0	2.920	34.537	27.532	64.23	1.614	-0.164
1600.0	2.595	34.563	27.582	59.66	1.738	-0.173
1800.0	2.283	34.588	27.629	55.10	1.853	-0.179
2000.0	2.074	34.608	27.663	51.99	1.959	-0.181
2200.0	1.904	34.628	27.693	49.24	2.060	-0.179
2400.0	1.794	34.642	27.714	47.55	2.157	-0.177
2600.0	1.711	34.653	27.730	46.37	2.250	-0.176
2800.0	1.647	34.660	27.741	45.67	2.342	-0.177
3000.0	1.606	34.665	27.750	45.34	2.433	-0.177
3200.0	1.584	34.668	27.755	45.42	2.524	-0.177
3244.4	1.578	34.671	27.758	45.25	2.544	-0.175

STATION: 18 DATE: 9/25/88 1500 GMT

LAT: 36 20.1 N. LON: 123 1.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.259	32.984	24.576	335.11	0.000	0.369
5.0	14.248	32.983	24.578	335.06	0.017	0.366
10.0	14.099	32.988	24.613	331.92	0.033	0.337
15.0	13.977	33.054	24.689	324.78	0.050	0.363
20.0	14.048	33.120	24.726	321.45	0.066	0.431
25.0	13.817	33.082	24.744	319.84	0.082	0.351
30.0	13.803	33.103	24.764	318.09	0.098	0.365
40.0	13.999	33.231	24.822	312.81	0.129	0.508
50.0	14.025	33.255	24.836	311.81	0.161	0.532
60.0	13.155	33.094	24.888	307.02	0.192	0.222
70.0	11.304	32.957	25.133	283.74	0.221	-0.250
80.0	10.686	32.991	25.269	270.94	0.249	-0.336
100.0	10.104	33.371	25.665	233.65	0.300	-0.135
120.0	8.943	33.554	25.997	202.28	0.344	-0.183
140.0	8.709	33.764	26.198	183.52	0.382	-0.053
160.0	8.311	33.870	26.343	170.08	0.417	-0.031
180.0	7.969	33.933	26.444	160.78	0.450	-0.032
200.0	7.708	33.967	26.509	154.88	0.482	-0.044
250.0	7.236	33.996	26.599	146.95	0.557	-0.090
300.0	6.819	34.037	26.689	138.96	0.628	-0.115
350.0	6.419	34.062	26.762	132.47	0.696	-0.149
400.0	6.055	34.081	26.824	127.03	0.761	-0.181
450.0	5.910	34.154	26.901	120.35	0.823	-0.142
500.0	5.986	34.245	26.963	115.22	0.882	-0.061
550.0	5.638	34.294	27.046	107.72	0.938	-0.066
600.0	5.264	34.335	27.123	100.56	0.990	-0.078
650.0	4.956	34.362	27.181	95.30	1.038	-0.093
700.0	4.667	34.382	27.229	90.82	1.085	-0.110
750.0	4.432	34.395	27.265	87.53	1.129	-0.125
800.0	4.235	34.402	27.292	85.13	1.173	-0.140
1000.0	3.732	34.454	27.387	77.06	1.334	-0.152
1200.0	3.340	34.494	27.458	71.03	1.482	-0.159
1400.0	2.972	34.527	27.519	65.58	1.618	-0.167
1600.0	2.651	34.556	27.572	60.83	1.744	-0.174
1800.0	2.362	34.580	27.616	56.64	1.862	-0.180
2000.0	2.095	34.605	27.659	52.47	1.971	-0.182
2200.0	1.960	34.622	27.684	50.35	2.073	-0.180
2400.0	1.826	34.639	27.709	48.17	2.171	-0.177
2600.0	1.738	34.651	27.726	46.89	2.266	-0.176
2800.0	1.676	34.658	27.738	46.19	2.359	-0.176
3000.0	1.618	34.665	27.749	45.50	2.451	-0.176
3200.0	1.589	34.670	27.756	45.36	2.541	-0.175
3240.5	1.585	34.671	27.757	45.34	2.560	-0.175

STATION: 17 DATE: 9/25/88 1853 GMT

LAT: 36 20.0 N. LON: 122 55.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.149	33.120	24.704	322.92	0.000	0.453
5.0	14.089	33.116	24.714	322.12	0.016	0.437
10.0	13.921	33.115	24.748	319.04	0.032	0.400
15.0	13.904	33.117	24.753	318.69	0.048	0.398
20.0	13.894	33.159	24.788	315.50	0.064	0.429
25.0	13.840	33.171	24.809	313.69	0.080	0.427
30.0	13.953	33.206	24.812	313.49	0.095	0.479
40.0	13.881	33.197	24.820	312.99	0.127	0.456
50.0	13.498	33.142	24.856	309.86	0.158	0.331
60.0	11.724	32.993	25.084	288.22	0.188	-0.142
70.0	11.245	32.971	25.154	281.74	0.216	-0.250
80.0	10.546	32.930	25.246	273.14	0.244	-0.410
100.0	9.633	33.281	25.673	232.83	0.295	-0.287
120.0	9.366	33.514	25.899	211.70	0.339	-0.146
140.0	8.877	33.710	26.130	190.02	0.379	-0.069
160.0	8.459	33.832	26.290	175.13	0.415	-0.039
180.0	8.175	33.932	26.412	163.83	0.449	-0.003
200.0	7.931	33.974	26.481	157.54	0.481	-0.006
250.0	7.191	33.996	26.605	146.32	0.557	-0.096
300.0	6.597	34.020	26.705	137.24	0.628	-0.158
350.0	6.165	34.058	26.792	129.49	0.695	-0.185
400.0	5.956	34.099	26.851	124.42	0.758	-0.179
450.0	6.087	34.186	26.904	120.24	0.819	-0.094
500.0	5.746	34.214	26.969	114.41	0.878	-0.115
550.0	5.520	34.266	27.038	108.31	0.934	-0.102
600.0	5.436	34.311	27.084	104.49	0.987	-0.077
650.0	5.127	34.334	27.139	99.51	1.038	-0.096
700.0	4.852	34.343	27.178	95.96	1.086	-0.120
750.0	4.540	34.370	27.234	90.65	1.133	-0.133
800.0	4.458	34.396	27.264	88.25	1.178	-0.122
1000.0	3.880	34.450	27.369	79.12	1.345	-0.140
1200.0	3.389	34.495	27.454	71.53	1.495	-0.154
1400.0	3.010	34.529	27.517	65.90	1.632	-0.163
1600.0	2.653	34.560	27.575	60.56	1.759	-0.170
1800.0	2.350	34.584	27.620	56.19	1.875	-0.177
2000.0	2.101	34.606	27.659	52.47	1.983	-0.181
2200.0	1.917	34.625	27.690	49.60	2.085	-0.181
2400.0	1.793	34.640	27.712	47.68	2.183	-0.179
2600.0	1.723	34.650	27.727	46.72	2.277	-0.178
2800.0	1.648	34.659	27.740	45.74	2.370	-0.177
3000.0	1.598	34.665	27.750	45.22	2.460	-0.177
3200.0	1.583	34.667	27.754	45.46	2.551	-0.178
3400.0	1.584	34.672	27.759	45.73	2.642	-0.175
3478.5	1.571	34.675	27.763	45.54	2.678	-0.174

STATION: 19 DATE: 9/26/88 0553 GMT

LAT: 36 13.5 N. LON: 123 15.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	16.074	33.036	24.221	368.93	0.000	0.818
5.0	16.075	33.036	24.221	369.09	0.018	0.818
10.0	16.079	33.036	24.221	369.33	0.037	0.819
15.0	16.033	33.032	24.228	368.79	0.055	0.805
20.0	15.653	33.008	24.295	362.53	0.074	0.698
25.0	15.296	33.000	24.368	355.75	0.092	0.610
30.0	14.467	33.003	24.548	338.70	0.109	0.428
40.0	12.915	33.038	24.892	306.11	0.141	0.129
50.0	11.628	32.925	25.048	291.35	0.171	-0.214
60.0	11.465	33.011	25.145	282.40	0.199	-0.177
70.0	11.238	33.082	25.242	273.37	0.227	-0.162
80.0	10.810	33.171	25.387	259.71	0.254	-0.169
100.0	9.790	33.447	25.777	222.98	0.302	-0.128
120.0	9.249	33.678	26.045	197.79	0.344	-0.035
140.0	8.964	33.779	26.171	186.24	0.382	-0.001
160.0	8.470	33.846	26.300	174.20	0.418	-0.025
180.0	8.206	33.922	26.399	165.07	0.452	-0.006
200.0	7.886	33.964	26.480	157.63	0.484	-0.021
250.0	7.312	34.001	26.592	147.63	0.560	-0.075
300.0	6.773	34.021	26.682	139.54	0.632	-0.134
350.0	6.190	34.051	26.783	130.35	0.700	-0.187
400.0	5.712	34.076	26.863	123.03	0.763	-0.227
450.0	5.537	34.120	26.919	118.21	0.823	-0.215
500.0	5.361	34.191	26.997	111.31	0.881	-0.179
550.0	5.145	34.230	27.053	106.33	0.935	-0.174
600.0	5.164	34.295	27.103	102.31	0.987	-0.122
650.0	5.018	34.334	27.151	98.13	1.038	-0.108
700.0	4.902	34.359	27.185	95.39	1.086	-0.102
750.0	4.617	34.373	27.228	91.38	1.132	-0.123
800.0	4.452	34.399	27.267	87.94	1.177	-0.120
1000.0	3.833	34.453	27.376	78.33	1.343	-0.143
1200.0	3.373	34.497	27.457	71.20	1.492	-0.154
1400.0	2.942	34.533	27.527	64.79	1.628	-0.165
1600.0	2.630	34.561	27.577	60.21	1.753	-0.171
1800.0	2.331	34.584	27.622	55.97	1.869	-0.179
2000.0	2.097	34.609	27.662	52.21	1.977	-0.179
2200.0	1.939	34.624	27.687	49.95	2.079	-0.180
2400.0	1.813	34.642	27.712	47.79	2.177	-0.176
2600.0	1.750	34.651	27.725	47.03	2.272	-0.175
2800.0	1.704	34.657	27.735	46.64	2.365	-0.175
3000.0	1.649	34.664	27.746	46.02	2.458	-0.174
3200.0	1.616	34.667	27.752	45.95	2.550	-0.176
3334.4	1.587	34.671	27.758	45.64	2.611	-0.175

STATION: 20 DATE: 9/26/88 1000 GMT

LAT: 36 6.6 N. LON: 123 26.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.850	33.003	24.247	366.54	0.000	0.740
5.0	15.852	33.003	24.246	366.72	0.018	0.741
10.0	15.855	33.002	24.245	366.99	0.037	0.740
15.0	15.850	33.002	24.246	367.03	0.055	0.739
20.0	15.835	33.001	24.249	366.91	0.073	0.735
25.0	15.541	32.992	24.308	361.47	0.092	0.660
30.0	14.910	32.972	24.430	349.94	0.109	0.501
40.0	14.393	32.958	24.530	340.72	0.144	0.376
50.0	13.571	32.966	24.706	324.15	0.177	0.207
60.0	11.843	32.921	25.006	295.69	0.208	-0.177
70.0	11.709	33.032	25.117	285.33	0.237	-0.114
80.0	11.567	33.084	25.183	279.22	0.265	-0.100
100.0	10.752	33.199	25.420	257.08	0.319	-0.158
120.0	9.939	33.417	25.729	228.00	0.368	-0.128
140.0	9.202	33.617	26.006	201.91	0.411	-0.091
160.0	8.947	33.739	26.142	189.31	0.450	-0.036
180.0	8.807	33.866	26.264	178.15	0.487	0.042
200.0	8.598	33.965	26.374	167.96	0.521	0.088
250.0	7.813	34.009	26.527	154.07	0.601	0.003
300.0	7.164	34.014	26.624	145.33	0.676	-0.086
350.0	6.621	34.055	26.730	135.70	0.746	-0.128
400.0	6.019	34.054	26.807	128.57	0.812	-0.207
450.0	5.661	34.110	26.896	120.53	0.874	-0.208
500.0	5.290	34.139	26.964	114.31	0.933	-0.229
550.0	5.191	34.202	27.026	108.95	0.989	-0.191
600.0	4.978	34.236	27.078	104.39	1.042	-0.189
650.0	4.831	34.277	27.127	100.09	1.093	-0.174
700.0	4.699	34.321	27.177	95.74	1.142	-0.154
750.0	4.570	34.354	27.218	92.23	1.189	-0.143
800.0	4.449	34.383	27.255	89.08	1.234	-0.133
1000.0	3.806	34.447	27.374	78.44	1.402	-0.150
1200.0	3.315	34.495	27.461	70.65	1.550	-0.160
1400.0	2.944	34.530	27.524	65.05	1.686	-0.168
1600.0	2.630	34.559	27.576	60.34	1.811	-0.173
1800.0	2.342	34.581	27.619	56.31	1.928	-0.180
2000.0	2.087	34.605	27.659	52.36	2.036	-0.182
2200.0	1.935	34.625	27.688	49.84	2.138	-0.179
2400.0	1.843	34.638	27.707	48.44	2.236	-0.177
2600.0	1.767	34.650	27.723	47.34	2.332	-0.175
2800.0	1.703	34.658	27.736	46.56	2.425	-0.174
3000.0	1.653	34.663	27.745	46.13	2.518	-0.175
3200.0	1.616	34.667	27.752	45.95	2.610	-0.176
3400.0	1.588	34.673	27.760	45.69	2.701	-0.174
3492.4	1.575	34.676	27.764	45.56	2.744	-0.173

STATION: 23 DATE: 9/26/88 1718 GMT

LAT: 36 27.3 N. LON: 122 46.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.357	33.084	24.633	329.72	0.000	0.470
5.0	14.357	33.084	24.633	329.84	0.016	0.469
10.0	14.338	33.085	24.638	329.53	0.033	0.466
15.0	13.924	33.113	24.746	319.41	0.049	0.399
20.0	13.683	33.118	24.800	314.38	0.065	0.352
25.0	13.637	33.159	24.840	310.66	0.081	0.374
30.0	13.594	33.172	24.859	309.01	0.096	0.376
40.0	13.784	33.275	24.901	305.32	0.127	0.498
50.0	11.375	32.981	25.138	282.80	0.156	-0.217
60.0	10.709	33.008	25.277	269.71	0.184	-0.318
70.0	9.984	32.989	25.386	259.47	0.210	-0.461
80.0	9.782	33.180	25.569	242.29	0.235	-0.343
100.0	9.420	33.506	25.884	212.77	0.281	-0.143
120.0	9.055	33.674	26.074	195.07	0.322	-0.069
140.0	8.553	33.806	26.255	178.08	0.359	-0.044
160.0	8.308	33.886	26.355	168.90	0.394	-0.019
180.0	8.008	33.939	26.442	160.91	0.427	-0.022
200.0	7.736	33.962	26.500	155.65	0.459	-0.044
250.0	7.049	33.992	26.621	144.68	0.533	-0.119
300.0	6.557	34.029	26.717	136.11	0.603	-0.157
350.0	6.279	34.069	26.785	130.18	0.670	-0.162
400.0	6.308	34.164	26.857	124.12	0.734	-0.083
450.0	6.250	34.230	26.918	119.13	0.794	-0.039
500.0	5.906	34.254	26.980	113.53	0.852	-0.064
550.0	5.483	34.281	27.054	106.73	0.908	-0.095
600.0	5.078	34.278	27.100	102.49	0.960	-0.145
650.0	4.850	34.311	27.152	97.78	1.010	-0.145
700.0	4.666	34.342	27.198	93.78	1.058	-0.141
750.0	4.527	34.367	27.233	90.72	1.104	-0.137
800.0	4.378	34.389	27.267	87.78	1.149	-0.136
1000.0	3.906	34.459	27.373	78.74	1.315	-0.131
1200.0	3.388	34.501	27.459	71.09	1.464	-0.149
1400.0	2.960	34.537	27.528	64.72	1.599	-0.161
1600.0	2.627	34.563	27.579	60.06	1.725	-0.170
1800.0	2.336	34.586	27.623	55.89	1.840	-0.177
2000.0	2.073	34.612	27.666	51.69	1.948	-0.178
2200.0	1.916	34.629	27.693	49.31	2.048	-0.178
2400.0	1.814	34.642	27.712	47.81	2.146	-0.176
2600.0	1.739	34.653	27.728	46.74	2.240	-0.174
2800.0	1.656	34.662	27.742	45.64	2.332	-0.174
2916.0	1.626	34.666	27.748	45.30	2.385	-0.174

STATION: 24 DATE: 9/26/88 2123 GMT

LAT: 36 36.1 N. LON: 122 27.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.450	33.220	24.718	321.59	0.000	0.598
5.0	14.448	33.221	24.719	321.64	0.016	0.598
10.0	14.414	33.220	24.727	321.09	0.032	0.590
15.0	14.138	33.219	24.784	315.80	0.048	0.529
20.0	13.725	33.227	24.875	307.19	0.064	0.447
25.0	13.469	33.261	24.954	299.87	0.079	0.421
30.0	13.359	33.359	25.051	290.69	0.094	0.475
40.0	13.147	33.366	25.100	286.34	0.122	0.437
50.0	11.756	33.169	25.214	275.59	0.151	0.006
60.0	10.498	33.110	25.393	258.68	0.177	-0.274
70.0	10.157	33.277	25.582	240.94	0.202	-0.201
80.0	9.721	33.398	25.750	225.13	0.226	-0.178
100.0	9.552	33.730	26.037	198.30	0.268	0.056
120.0	9.170	33.829	26.176	185.38	0.307	0.072
140.0	8.734	33.886	26.290	174.81	0.343	0.048
160.0	8.211	33.893	26.376	166.93	0.377	-0.028
180.0	7.938	33.948	26.459	159.27	0.409	-0.026
200.0	7.758	33.968	26.502	155.50	0.441	-0.036
250.0	7.126	33.998	26.616	145.26	0.516	-0.103
300.0	6.753	34.024	26.687	139.04	0.587	-0.134
350.0	6.290	34.050	26.769	131.73	0.655	-0.175
400.0	6.393	34.156	26.840	125.83	0.719	-0.078
450.0	5.991	34.169	26.902	120.28	0.780	-0.120
500.0	5.858	34.232	26.969	114.51	0.839	-0.087
550.0	5.399	34.234	27.027	109.17	0.895	-0.142
600.0	5.143	34.273	27.088	103.64	0.948	-0.141
650.0	4.895	34.301	27.139	99.12	0.998	-0.148
700.0	4.718	34.329	27.181	95.37	1.047	-0.146
750.0	4.647	34.356	27.212	92.98	1.094	-0.132
800.0	4.440	34.367	27.243	90.15	1.140	-0.146
1000.0	3.857	34.449	27.370	78.93	1.309	-0.144
1200.0	3.396	34.489	27.449	72.04	1.459	-0.158
1400.0	3.002	34.525	27.515	66.10	1.597	-0.166
1600.0	2.627	34.557	27.574	60.47	1.724	-0.175
1800.0	2.185	34.591	27.639	53.71	1.837	-0.185
2000.0	2.006	34.612	27.671	50.88	1.942	-0.183
2200.0	1.832	34.634	27.703	47.92	2.040	-0.180
2400.0	1.759	34.648	27.721	46.67	2.135	-0.175
2600.0	1.695	34.659	27.736	45.73	2.227	-0.173
2752.0	1.644	34.666	27.746	45.03	2.296	-0.172

STATION: 25 DATE: 9/27/88 0048 GMT

LAT: 36 35.2 N. LON: 122 13.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.966	33.385	24.947	299.82	0.000	0.624
5.0	13.966	33.384	24.946	300.05	0.015	0.623
10.0	13.933	33.379	24.950	299.86	0.030	0.612
15.0	13.935	33.383	24.952	299.72	0.045	0.616
20.0	13.824	33.367	24.963	298.82	0.060	0.579
25.0	12.045	33.198	25.181	278.20	0.075	0.087
30.0	11.260	33.065	25.224	274.19	0.088	-0.171
40.0	11.473	33.503	25.525	245 75	0.114	0.217
50.0	11.045	33.664	25.728	226.67	0.138	0.265
60.0	10.583	33.761	25.886	211.86	0.160	0.260
70.0	10.393	33.802	25.951	205.90	0.180	0.258
80.0	10.250	33.819	25.989	202.49	0.201	0.246
100.0	9.965	33.876	26.083	194.00	0.241	0.242
120.0	9.624	33.960	26.206	182.71	0.278	0.251
140.0	9.385	34.001	26.277	176.32	0.314	0.243
160.0	9.186	34.042	26.341	170.56	0.348	0.243
180.0	8.972	34.083	26.408	164.55	0.382	0.241
200.0	8.803	34.109	26.455	160.40	0.415	0.234
250.0	8.379	34.146	26.550	152.21	0.493	0.196
300.0	7.455	34.099	26.649	143.13	0.567	0.022
350.0	7.250	34.170	26.735	135.74	0.636	0.048
400.0	6.867	34.188	26.803	129.81	0.702	0.010
450.0	6.435	34.246	26.906	120.38	0.765	-0.003
500.0	5.942	34.236	26.962	115.30	0.824	-0.074
550.0	5.715	34.275	27.021	110.13	0.881	-0.072
600.0	5.411	34.276	27.059	106.80	0.935	-0.108
650.0	5.347	34.322	27.104	103.13	0.987	-0.079
700.0	5.076	34.349	27.157	98.26	1.038	-0.090
750.0	4.859	34.376	27.204	94.12	1.086	-0.094
800.0	4.551	34.382	27.243	90.37	1.132	-0.123
1000.0	3.812	34.464	27.387	77.28	1.299	-0.136
1200.0	3.369	34.503	27.462	70.70	1.447	-0.149
1400.0	2.943	34.540	27.532	64.30	1.581	-0.160
1600.0	2.599	34.570	27.587	59.17	1.705	-0.167
1800.0	2.277	34.599	27.638	54.22	1.817	-0.171
2000.0	1.972	34.629	27.687	49.21	1.920	-0.172
2200.0	1.857	34.644	27.709	47.48	2.017	-0.170
2400.0	1.749	34.661	27.732	45.60	2.110	-0.166
2511.1	1.729	34.662	27.735	45.65	2.161	-0.167

STATION: 26 DATE: 9/27/88 0411 GMT

LAT: 36 37.6 N. LON: 122 8.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.041	33.403	24.945	299.98	0.000	0.654
5.0	14.040	33.403	24.946	300.09	0.015	0.654
10.0	14.046	33.403	24.945	300.33	0.030	0.655
15.0	14.044	33.403	24.945	300.43	0.045	0.654
20.0	14.024	33.405	24.951	300.05	0.060	0.651
25.0	13.787	33.412	25.005	294.98	0.075	0.606
30.0	13.133	33.492	25.200	276.55	0.089	0.535
40.0	11.234	33.369	25.465	251.51	0.116	0.067
50.0	10.299	33.342	25.608	238.03	0.140	-0.124
60.0	10.555	33.583	25.753	224.55	0.163	0.114
70.0	9.874	33.641	25.914	209.35	0.185	0.041
80.0	9.631	33.708	26.007	200.74	0.205	0.053
100.0	9.358	33.841	26.155	187.01	0.244	0.112
120.0	8.965	33.904	26.268	176.61	0.281	0.099
140.0	8.715	33.949	26.342	169.90	0.315	0.094
160.0	8.511	33.985	26.402	164.53	0.349	0.091
180.0	8.424	34.007	26.433	161.93	0.381	0.095
200.0	8.247	34.042	26.488	157.08	0.413	0.095
250.0	7.576	34.088	26.623	144.84	0.488	0.032
300.0	7.536	34.162	26.688	139.53	0.559	0.084
350.0	7.333	34.201	26.748	134.61	0.628	0.085
400.0	6.800	34.191	26.814	128.69	0.694	0.003
450.0	6.532	34.213	26.867	124.17	0.757	-0.016
500.0	6.174	34.241	26.936	117.98	0.818	-0.041
550.0	5.881	34.276	27.002	112.18	0.875	-0.050
600.0	5.495	34.305	27.072	105.67	0.930	-0.075
650.0	5.220	34.328	27.124	101.06	0.981	-0.089
700.0	4.979	34.349	27.168	97.08	1.031	-0.101
750.0	4.723	34.374	27.217	92.60	1.078	-0.110
800.0	4.553	34.391	27.250	89.75	1.124	-0.116
1000.0	3.797	34.467	27.391	76.85	1.290	-0.135
1200.0	3.251	34.515	27.483	68.44	1.433	-0.151
1400.0	2.870	34.547	27.544	62.89	1.565	-0.160
1600.0	2.592	34.574	27.591	58.81	1.686	-0.164
1800.0	2.229	34.607	27.649	53.05	1.797	-0.169
1927.9	2.043	34.623	27.677	50.22	1.863	-0.171

STATION: 32 DATE: 9/27/88 0900 GMT

LAT: 36 47.8 N. LON: 121 49.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.865	33.670	25.390	257.67	0.000	0.621
5.0	12.801	33.666	25.400	256.87	0.013	0.605
10.0	12.197	33.646	25.501	247.37	0.025	0.470
15.0	11.569	33.689	25.652	233.11	0.037	0.383
20.0	11.195	33.733	25.755	223.46	0.049	0.349
25.0	10.892	33.764	25.834	216.07	0.060	0.318
30.0	10.532	33.798	25.923	207.64	0.070	0.280
40.0	9.948	33.871	26.080	192.93	0.090	0.236
50.0	9.721	33.893	26.136	187.86	0.110	0.215
60.0	9.641	33.910	26.162	185.54	0.128	0.215
70.0	9.413	33.932	26.217	180.52	0.147	0.194
80.0	9.419	33.935	26.219	180.59	0.165	0.197
100.0	9.226	33.960	26.270	176.09	0.200	0.186
120.0	9.264	33.957	26.261	177.33	0.236	0.189
140.0	8.793	34.011	26.379	166.46	0.270	0.156
160.0	8.331	34.065	26.493	155.90	0.302	0.127
169.3	8.307	34.069	26.500	155.43	0.316	0.126

STATION: 31 DATE: 9/27/88 0941 GMT

LAT: 36 47.9 N. LON: 121 52.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.271	33.586	25.244	271.54	0.000	0.637
5.0	12.904	33.593	25.322	264.26	0.014	0.569
10.0	11.775	33.675	25.603	237.63	0.026	0.412
15.0	11.377	33.708	25.702	228.37	0.038	0.363
20.0	11.199	33.724	25.747	224.22	0.049	0.342
25.0	11.014	33.737	25.791	220.16	0.060	0.319
30.0	10.911	33.752	25.821	217.43	0.071	0.312
40.0	10.819	33.757	25.841	215.74	0.093	0.299
50.0	10.546	33.774	25.902	210.12	0.114	0.263
60.0	10.299	33.812	25.975	203.36	0.135	0.250
70.0	9.844	33.881	26.106	191.13	0.154	0.226
80.0	9.341	33.947	26.241	178.49	0.173	0.194
100.0	9.227	33.960	26.270	176.13	0.208	0.186
120.0	8.671	34.030	26.413	162.83	0.242	0.152
140.0	8.134	34.091	26.543	150.76	0.273	0.118
160.0	7.810	34.122	26.615	144.16	0.303	0.094
180.0	7.722	34.133	26.637	142.43	0.331	0.089
200.0	7.523	34.149	26.678	138.77	0.359	0.073
250.0	7.450	34.158	26.696	137.86	0.429	0.069
268.0	7.421	34.160	26.702	137.59	0.453	0.066

STATION: 30 DATE: 9/27/88 1030 GMT

LAT: 36 47.1 N. LON: 121 55.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.040	33.568	25.073	287.83	0.000	0.784
5.0	13.949	33.559	25.085	286.84	0.014	0.757
10.0	13.732	33.555	25.127	282.97	0.029	0.708
15.0	12.948	33.552	25.282	268.32	0.042	0.544
20.0	12.667	33.582	25.361	260.96	0.056	0.511
25.0	12.567	33.586	25.384	258.90	0.069	0.495
30.0	12.335	33.591	25.433	254.38	0.082	0.453
40.0	11.114	33.709	25.751	224.26	0.106	0.314
50.0	10.624	33.778	25.892	211.07	0.127	0.280
60.0	10.533	33.792	25.919	208.72	0.148	0.275
70.0	10.312	33.817	25.977	203.43	0.169	0.256
80.0	10.085	33.847	26.040	197.69	0.189	0.240
100.0	10.010	33.859	26.062	195.99	0.228	0.237
120.0	9.508	33.936	26.205	182.71	0.266	0.212
140.0	9.099	34.003	26.325	171.70	0.301	0.198
160.0	8.610	34.077	26.459	159.16	0.335	0.179
180.0	8.357	34.086	26.506	155.07	0.366	0.147
200.0	8.116	34.113	26.563	149.88	0.397	0.131
250.0	7.714	34.144	26.647	142.63	0.469	0.096
300.0	7.505	34.157	26.688	139.50	0.539	0.075
350.0	7.003	34.196	26.790	130.37	0.607	0.035
400.0	6.517	34.230	26.882	121.97	0.670	-0.004
450.0	6.291	34.247	26.926	118.41	0.730	-0.021
500.0	5.811	34.283	27.015	110.17	0.788	-0.053
549.2	5.665	34.297	27.045	107.84	0.841	-0.060

STATION: 29 DATE: 9/27/88 1148 GMT

LAT: 36 42.4 N. LON: 122 1.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.790	33.496	25.069	288.20	0.000	0.674
5.0	13.789	33.496	25.069	288.31	0.014	0.674
10.0	13.794	33.495	25.068	288.60	0.029	0.674
15.0	13.648	33.510	25.109	284.77	0.043	0.655
20.0	13.079	33.524	25.235	272.95	0.057	0.549
25.0	11.991	33.555	25.470	250.72	0.070	0.357
30.0	11.621	33.544	25.531	245.04	0.083	0.278
40.0	11.026	33.596	25.679	231.16	0.106	0.209
50.0	10.163	33.602	25.834	216.55	0.129	0.060
60.0	10.063	33.707	25.933	207.34	0.150	0.126
70.0	9.998	33.822	26.034	197.95	0.170	0.206
80.0	9.957	33.844	26.059	195.85	0.190	0.216
100.0	9.662	33.838	26.103	192.02	0.229	0.160
120.0	9.720	33.935	26.170	186.15	0.266	0.247
140.0	9.507	33.963	26.227	181.06	0.303	0.233
160.0	9.215	34.001	26.305	174.01	0.338	0.215
180.0	9.080	34.027	26.347	170.41	0.373	0.213
200.0	8.673	34.041	26.422	163.52	0.406	0.159
250.0	8.294	34.120	26.543	152.83	0.485	0.163
300.0	7.938	34.151	26.621	146.15	0.560	0.133
350.0	7.307	34.140	26.704	138.71	0.632	0.033
400.0	7.296	34.196	26.750	135.17	0.700	0.075
450.0	6.876	34.210	26.819	129.05	0.766	0.027
500.0	6.505	34.228	26.883	123.36	0.829	-0.008
550.0	6.057	34.256	26.964	115.99	0.889	-0.045
600.0	5.656	34.291	27.042	108.78	0.946	-0.067
650.0	5.364	34.315	27.096	103.83	0.999	-0.083
700.0	5.163	34.337	27.138	100.25	1.050	-0.089
750.0	4.980	34.352	27.171	97.39	1.099	-0.099
800.0	4.686	34.382	27.228	92.04	1.146	-0.108
1000.0	3.875	34.456	27.374	78.62	1.317	-0.136
1200.0	3.262	34.511	27.478	68.87	1.467	-0.153
1400.0	2.876	34.556	27.551	62.32	1.598	-0.153
1431.5	2.804	34.561	27.561	61.31	1.618	-0.156

STATION: 28 DATE: 9/27/88 1353 GMT

LAT: 36 45.3 N. LON: 122 2.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.533	33.538	25.154	280.11	0.000	0.654
5.0	13.533	33.538	25.154	280.24	0.014	0.654
10.0	13.514	33.538	25.158	279.99	0.028	0.649
15.0	13.153	33.534	25.228	273.52	0.042	0.572
20.0	12.145	33.524	25.417	255.63	0.055	0.363
25.0	11.708	33.544	25.514	246.45	0.068	0.295
30.0	11.500	33.621	25.612	237.24	0.080	0.317
40.0	11.387	33.667	25.669	232.07	0.103	0.332
50.0	11.079	33.715	25.763	223.42	0.126	0.313
60.0	10.230	33.701	25.900	210.49	0.148	0.150
70.0	10.149	33.847	26.028	198.57	0.168	0.251
80.0	9.987	33.865	26.070	194.80	0.188	0.237
100.0	9.675	33.927	26.171	185.57	0.226	0.234
120.0	9.384	33.976	26.257	177.75	0.262	0.224
140.0	9.180	34.011	26.318	172.38	0.297	0.217
160.0	8.952	34.040	26.377	167.06	0.331	0.204
180.0	8.805	34.059	26.416	163.78	0.364	0.195
200.0	8.538	34.093	26.484	157.61	0.396	0.180
250.0	8.279	34.123	26.548	152.39	0.474	0.163
300.0	7.928	34.155	26.625	145.72	0.548	0.135
350.0	7.443	34.181	26.717	137.62	0.619	0.085
400.0	6.868	34.168	26.787	131.32	0.686	-0.006
450.0	6.704	34.201	26.835	127.36	0.751	-0.003
500.0	6.541	34.222	26.874	124.32	0.814	-0.009
550.0	6.227	34.239	26.929	119.48	0.875	-0.036
600.0	5.831	34.276	27.009	112.13	0.933	-0.057
650.0	5.504	34.303	27.070	106.53	0.987	-0.076
700.0	5.163	34.333	27.134	100.56	1.040	-0.093
750.0	4.917	34.356	27.181	96.32	1.089	-0.103
800.0	4.742	34.373	27.215	93.40	1.136	-0.109
930.0	4.289	34.417	27.300	85.86	1.253	-0.124

STATION: 27 DATE: 9/27/88 1606 GMT

LAT: 36 43.6 N. LON: 122 13.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.321	33.462	25.138	281.63	0.000	0.550
5.0	13.321	33.462	25.138	281.75	0.014	0.550
10.0	13.317	33.463	25.140	281.75	0.028	0.549
15.0	13.317	33.462	25.139	281.94	0.042	0.548
20.0	13.270	33.477	25.161	280.02	0.056	0.551
25.0	12.659	33.529	25.321	264.84	0.070	0.468
30.0	11.993	33.582	25.490	248.90	0.083	0.379
40.0	11.744	33.605	25.555	242.97	0.107	0.349
50.0	10.748	33.588	25.722	227.22	0.131	0.152
60.0	10.477	33.742	25.889	211.55	0.153	0.225
70.0	10.022	33.771	25.991	202.09	0.173	0.169
80.0	9.684	33.744	26.026	198.90	0.193	0.090
100.0	9.214	33.853	26.188	183.90	0.232	0.098
120.0	8.928	33.918	26.285	175.03	0.267	0.104
140.0	8.861	33.963	26.330	171.07	0.302	0.128
160.0	8.572	33.982	26.391	165.66	0.336	0.098
180.0	8.531	34.010	26.419	163.33	0.369	0.113
200.0	8.386	34.098	26.511	154.96	0.400	0.160
250.0	7.967	34.135	26.603	146.96	0.476	0.125
300.0	7.500	34.168	26.698	138.58	0.548	0.084
350.0	7.072	34.174	26.763	132.98	0.616	0.027
400.0	6.817	34.210	26.827	127.51	0.681	0.020
450.0	6.490	34.221	26.879	122.99	0.744	-0.015
500.0	6.050	34.249	26.959	115.75	0.804	-0.050
550.0	5.816	34.267	27.003	112.01	0.861	-0.066
600.0	5.558	34.290	27.053	107.57	0.915	-0.079
650.0	5.359	34.310	27.093	104.18	0.968	-0.088
700.0	4.970	34.346	27.167	97.17	1.019	-0.104
750.0	4.732	34.370	27.213	93.01	1.066	-0.112
800.0	4.490	34.402	27.265	88.17	1.111	-0.114
927.2	4.093	34.443	27.341	81.55	1.220	-0.124

STATION: 1 DATE: 11/14/88 2048 GMT

LAT: 36 20.2 N. LON: 121 57.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	12.816	33.449	25.228	273.09	0.005	0.436
5.0	12.813	33.450	25.230	273.03	0.014	0.437
10.0	12.682	33.466	25.268	269.54	0.027	0.423
15.0	12.378	33.516	25.365	260.39	0.040	0.402
20.0	12.154	33.545	25.431	254.30	0.053	0.381
25.0	12.049	33.566	25.468	250.92	0.066	0.378
30.0	11.810	33.587	25.528	245.25	0.078	0.348
40.0	11.449	33.620	25.621	236.63	0.102	0.306
50.0	11.098	33.657	25.714	228.07	0.126	0.270
60.0	11.039	33.663	25.729	226.86	0.148	0.264
68.1	10.961	33.666	25.746	225.45	0.167	0.252

STATION: 2 DATE: 11/14/88 2123 GMT

LAT: 36 20.3 N. LON: 121 59.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.8	12.908	33.466	25.223	273.58	0.008	0.468
5.0	12.797	33.476	25.253	270.85	0.014	0.454
10.0	12.256	33.538	25.406	256.39	0.027	0.396
15.0	11.847	33.575	25.512	246.41	0.039	0.346
20.0	11.586	33.613	25.590	239.13	0.052	0.326
25.0	11.230	33.659	25.691	229.64	0.063	0.297
30.0	10.813	33.714	25.808	218.58	0.075	0.264
40.0	10.282	33.758	25.936	206.70	0.096	0.205
50.0	10.208	33.770	25.957	204.85	0.116	0.201
60.0	10.094	33.790	25.993	201.69	0.137	0.197
70.0	10.030	33.797	26.009	200.34	0.157	0.191
80.0	9.976	33.804	26.024	199.13	0.177	0.187
100.0	9.934	33.811	26.037	198.34	0.216	0.185
116.0	9.804	33.836	26.078	194.72	0.248	0.183

STATION: 3 DATE: 11/14/88 2148 GMT

LAT: 36 20.3 N. LON: 122 2.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	12.377	33.464	25.325	263.88	0.005	0.361
5.0	12.264	33.483	25.361	260.52	0.013	0.354
10.0	11.831	33.540	25.488	248.62	0.026	0.316
15.0	11.719	33.558	25.522	245.46	0.038	0.308
20.0	11.666	33.561	25.535	244.39	0.050	0.300
25.0	11.589	33.571	25.557	242.37	0.063	0.294
30.0	11.363	33.587	25.611	237.39	0.075	0.264
40.0	10.974	33.611	25.700	229.13	0.098	0.211
50.0	10.568	33.667	25.815	218.40	0.120	0.182
60.0	10.287	33.719	25.904	210.12	0.142	0.174
70.0	10.144	33.753	25.956	205.45	0.163	0.176
80.0	9.967	33.795	26.018	199.67	0.183	0.179
100.0	9.372	33.923	26.217	181.13	0.220	0.180
120.0	9.172	33.961	26.279	175.62	0.256	0.177
140.0	8.767	34.022	26.392	165.24	0.290	0.160
147.8	8.629	34.042	26.429	161.83	0.303	0.154

STATION: 4 DATE: 11/14/88 2236 GMT

LAT: 36 20.2 N. LON: 122 5.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.019	33.299	25.072	287.95	0.006	0.359
5.0	12.592	33.409	25.241	271.92	0.014	0.360
10.0	12.373	33.456	25.320	264.60	0.027	0.354
15.0	12.020	33.518	25.435	253.74	0.040	0.334
20.0	11.842	33.547	25.491	248.53	0.053	0.323
25.0	11.689	33.569	25.537	244.28	0.065	0.311
30.0	11.295	33.613	25.643	234.31	0.077	0.272
40.0	10.695	33.688	25.809	218.73	0.100	0.222
50.0	10.464	33.700	25.859	214.20	0.122	0.190
60.0	10.120	33.752	25.959	204.92	0.143	0.171
70.0	10.080	33.766	25.977	203.45	0.163	0.175
80.0	9.825	33.824	26.065	195.23	0.183	0.177
100.0	9.377	33.919	26.213	181.54	0.220	0.177
120.0	9.050	33.975	26.310	172.68	0.256	0.168
140.0	8.866	34.002	26.361	168.22	0.290	0.160
160.0	8.584	34.024	26.422	162.72	0.323	0.133
180.0	8.553	34.053	26.450	160.45	0.355	0.151
200.0	8.453	34.077	26.484	157.53	0.387	0.154
250.0	8.027	34.097	26.565	150.62	0.464	0.105
300.0	7.187	34.112	26.698	138.40	0.536	-0.005
338.1	6.720	34.102	26.754	133.35	0.588	-0.077

STATION: 5 DATE: 11/14/88 2302 GMT

LAT: 36 20.1 N. LON: 122 8.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.3	13.629	33.167	24.848	309.33	0.007	0.380
5.0	13.522	33.262	24.943	300.32	0.015	0.433
10.0	13.188	33.318	25.053	289.98	0.030	0.408
15.0	12.289	33.413	25.303	266.33	0.044	0.303
20.0	11.975	33.507	25.435	253.86	0.057	0.316
25.0	11.703	33.537	25.510	246.89	0.070	0.288
30.0	11.473	33.575	25.582	240.18	0.082	0.275
40.0	11.143	33.625	25.681	230.97	0.105	0.253
50.0	10.660	33.616	25.759	223.68	0.128	0.158
60.0	10.215	33.707	25.908	209.79	0.150	0.152
70.0	10.093	33.744	25.957	205.29	0.170	0.160
80.0	9.932	33.782	26.015	200.03	0.191	0.163
100.0	9.658	33.855	26.117	190.65	0.230	0.174
120.0	9.435	33.905	26.193	183.86	0.267	0.175
140.0	9.086	33.958	26.291	174.85	0.303	0.161
160.0	8.782	34.019	26.387	166.07	0.337	0.160
180.0	8.666	34.051	26.431	162.29	0.370	0.167
200.0	8.557	34.062	26.456	160.19	0.402	0.158
250.0	8.131	34.100	26.552	151.91	0.481	0.123
300.0	7.466	34.114	26.660	142.15	0.554	0.035
350.0	6.565	34.086	26.762	132.64	0.622	-0.111
400.0	6.159	34.140	26.858	123.94	0.685	-0.121
450.0	6.039	34.175	26.901	120.48	0.746	-0.109
500.0	5.923	34.196	26.932	118.06	0.806	-0.108
550.0	5.776	34.227	26.976	114.47	0.864	-0.102
600.0	5.572	34.251	27.020	110.70	0.920	-0.109
650.0	5.303	34.284	27.079	105.40	0.974	-0.115
671.1	5.237	34.290	27.091	104.35	0.996	-0.118

STATION: 6 DATE: 11/14/88 2324 GMT

LAT: 36 19.6 N. LON: 122 12.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.1	14.023	33.106	24.720	321.51	0.007	0.415
5.0	13.979	33.123	24.742	319.44	0.016	0.419
10.0	13.705	33.197	24.856	308.75	0.032	0.420
15.0	13.016	33.236	25.024	292.91	0.047	0.308
20.0	11.443	33.166	25.269	269.67	0.061	-0.056
25.0	11.183	33.079	25.248	271.76	0.075	-0.173
30.0	10.247	32.985	25.338	263.22	0.088	-0.417
40.0	9.927	33.132	25.507	247.41	0.113	-0.356
50.0	10.254	33.438	25.691	230.13	0.137	-0.055
60.0	10.142	33.499	25.757	224.03	0.160	-0.026
70.0	10.193	33.604	25.831	217.30	0.182	0.066
80.0	10.207	33.724	25.923	208.79	0.203	0.164
100.0	9.737	33.849	26.099	192.37	0.244	0.182
120.0	9.441	33.874	26.168	186.21	0.282	0.152
140.0	9.211	33.915	26.237	180.01	0.318	0.146
160.0	9.173	33.988	26.301	174.35	0.353	0.198
180.0	8.895	34.052	26.396	165.72	0.388	0.203
200.0	8.599	34.067	26.454	160.42	0.420	0.169
250.0	8.070	34.105	26.564	150.69	0.498	0.117
300.0	7.395	34.103	26.661	141.97	0.570	0.017
350.0	7.114	34.121	26.715	137.47	0.640	-0.009
400.0	6.320	34.103	26.807	128.84	0.706	-0.130
450.0	6.188	34.177	26.884	122.24	0.769	-0.089
500.0	5.787	34.208	26.959	115.40	0.828	-0.115
550.0	5.563	34.251	27.021	109.96	0.884	-0.109
600.0	5.390	34.276	27.062	106.51	0.938	-0.110
650.0	5.095	34.300	27.116	101.60	0.990	-0.126
700.0	4.966	34.317	27.144	99.29	1.041	-0.128
750.0	4.768	34.341	27.186	95.60	1.089	-0.131
800.0	4.519	34.375	27.241	90.54	1.136	-0.132
889.7	4.091	34.429	27.330	82.24	1.213	-0.135

STATION: 7 DATE: 11/15/88 0036 GMT

LAT: 36 20.2 N. LON: 122 15.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.962	33.210	24.813	312.66	0.006	0.484
5.0	13.961	33.211	24.813	312.67	0.016	0.485
10.0	13.903	33.217	24.830	311.20	0.031	0.477
15.0	13.489	33.317	24.992	295.90	0.046	0.470
20.0	12.575	33.231	25.107	285.15	0.061	0.215
25.0	10.987	33.047	25.258	270.77	0.075	-0.235
30.0	10.601	32.971	25.267	270.04	0.089	-0.366
40.0	11.101	33.566	25.643	234.59	0.114	0.199
50.0	10.775	33.656	25.770	222.67	0.137	0.211
60.0	10.629	33.682	25.817	218.48	0.159	0.205
70.0	10.358	33.732	25.903	210.49	0.180	0.196
80.0	10.145	33.777	25.974	203.90	0.201	0.195
100.0	9.939	33.831	26.052	196.96	0.241	0.202
120.0	9.648	33.881	26.139	189.01	0.280	0.192
140.0	9.448	33.937	26.216	182.05	0.317	0.203
160.0	9.257	33.975	26.277	176.65	0.353	0.201
180.0	9.084	33.994	26.320	172.91	0.388	0.188
200.0	8.903	34.025	26.374	168.17	0.422	0.183
250.0	8.378	34.083	26.501	156.83	0.503	0.147
300.0	7.788	34.111	26.611	146.97	0.579	0.079
350.0	7.169	34.122	26.708	138.17	0.650	-0.001
400.0	6.670	34.111	26.768	132.87	0.718	-0.078
450.0	6.299	34.175	26.868	123.89	0.782	-0.077
500.0	5.819	34.197	26.946	116.62	0.843	-0.120
550.0	5.562	34.249	27.019	110.10	0.900	-0.111
600.0	5.295	34.289	27.083	104.39	0.954	-0.111
650.0	5.091	34.309	27.123	100.89	1.005	-0.119
700.0	4.815	34.337	27.177	95.95	1.054	-0.129
750.0	4.534	34.370	27.235	90.61	1.100	-0.134
800.0	4.425	34.384	27.258	88.73	1.145	-0.135
991.7	3.916	34.451	27.366	79.41	1.305	-0.136

STATION: 8 DATE: 11/15/88 0406 GMT

LAT: 36 20.1 N. LON: 122 18.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.1	13.867	33.125	24.767	317.05	0.007	0.397
5.0	13.872	33.127	24.767	317.10	0.016	0.399
10.0	13.865	33.127	24.768	317.10	0.032	0.397
15.0	13.790	33.175	24.821	312.19	0.047	0.420
20.0	12.904	33.165	24.992	296.06	0.063	0.229
25.0	12.894	33.298	25.097	286.24	0.077	0.332
30.0	12.954	33.386	25.153	281.02	0.091	0.414
40.0	11.918	33.480	25.426	255.28	0.118	0.284
50.0	11.445	33.546	25.564	242.28	0.143	0.246
60.0	11.105	33.628	25.690	230.56	0.167	0.248
70.0	10.659	33.692	25.819	218.46	0.189	0.218
80.0	10.494	33.723	25.872	213.62	0.211	0.213
100.0	10.172	33.792	25.982	203.64	0.253	0.211
120.0	9.848	33.856	26.087	194.00	0.293	0.206
140.0	9.604	33.912	26.172	186.34	0.331	0.209
160.0	9.410	33.952	26.235	180.72	0.367	0.208
180.0	9.206	33.988	26.296	175.27	0.403	0.203
200.0	8.964	34.018	26.359	169.63	0.437	0.187
250.0	8.059	34.066	26.536	153.37	0.519	0.085
300.0	7.510	34.109	26.650	143.13	0.593	0.038
350.0	7.188	34.122	26.706	138.43	0.663	0.002
400.0	6.604	34.138	26.798	129.98	0.730	-0.065
450.0	6.252	34.161	26.863	124.29	0.793	-0.093
500.0	5.877	34.205	26.946	116.76	0.853	-0.106
550.0	5.604	34.230	26.999	112.03	0.911	-0.120
600.0	5.325	34.247	27.047	107.83	0.965	-0.141
650.0	5.211	34.300	27.102	103.05	1.017	-0.113
700.0	5.079	34.313	27.128	100.99	1.068	-0.118
750.0	4.930	34.329	27.159	98.46	1.118	-0.123
800.0	4.453	34.367	27.241	90.34	1.166	-0.145
903.6	3.757	34.452	27.382	76.74	1.253	-0.150

STATION: 9 DATE: 11/15/88 0448 GMT

LAT: 36 20.1 N. LON: 122 22.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.7	13.748	33.176	24.830	310.99	0.008	0.412
5.0	13.754	33.177	24.830	311.09	0.016	0.414
10.0	13.753	33.230	24.872	307.26	0.031	0.456
15.0	13.576	33.255	24.927	302.13	0.046	0.438
20.0	12.971	33.196	25.003	295.06	0.061	0.267
25.0	11.620	33.073	25.164	279.73	0.075	-0.097
30.0	11.677	33.179	25.236	273.02	0.089	-0.002
40.0	11.696	33.540	25.513	246.94	0.115	0.289
50.0	11.141	33.619	25.676	231.61	0.139	0.248
60.0	10.709	33.680	25.801	219.99	0.162	0.217
70.0	10.503	33.718	25.867	213.91	0.183	0.211
80.0	10.366	33.746	25.913	209.77	0.205	0.209
100.0	10.007	33.818	26.030	198.98	0.245	0.203
120.0	9.837	33.857	26.090	193.73	0.285	0.205
140.0	9.702	33.885	26.134	189.94	0.323	0.204
160.0	9.476	33.935	26.210	183.04	0.360	0.205
180.0	9.295	33.968	26.266	178.14	0.396	0.201
200.0	9.001	34.016	26.351	170.34	0.431	0.192
250.0	8.287	34.070	26.505	156.44	0.513	0.122
300.0	7.775	34.100	26.605	147.55	0.589	0.069
350.0	7.266	34.129	26.701	138.99	0.660	0.019
400.0	6.815	34.136	26.769	132.98	0.728	-0.039
450.0	6.472	34.172	26.843	126.38	0.793	-0.056
500.0	6.055	34.219	26.934	118.05	0.854	-0.073
550.0	5.584	34.224	26.997	112.23	0.911	-0.128
600.0	5.330	34.259	27.055	107.04	0.966	-0.131
650.0	5.107	34.283	27.101	102.99	1.018	-0.138
700.0	4.948	34.324	27.152	98.57	1.069	-0.124
750.0	4.819	34.351	27.188	95.48	1.117	-0.118
800.0	4.515	34.362	27.231	91.44	1.164	-0.142
1000.0	4.088	34.435	27.336	82.71	1.338	-0.131
1200.0	3.398	34.509	27.464	70.59	1.490	-0.142
1267.9	3.113	34.535	27.512	65.81	1.536	-0.148

STATION: 10 DATE: 11/15/88 0823 GMT

LAT: 36 20.5 N. LON: 122 25.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.5	13.718	33.145	24.813	312.68	0.008	0.381
5.0	13.719	33.144	24.811	312.87	0.016	0.380
10.0	13.722	33.149	24.815	312.65	0.031	0.385
15.0	13.567	33.314	24.974	297.66	0.047	0.483
20.0	13.486	33.353	25.021	293.31	0.061	0.497
25.0	12.720	33.361	25.179	278.37	0.076	0.347
30.0	11.867	33.320	25.310	266.00	0.090	0.147
40.0	11.740	33.448	25.434	254.45	0.116	0.224
50.0	11.681	33.533	25.511	247.39	0.141	0.280
60.0	11.191	33.603	25.655	233.88	0.165	0.244
70.0	10.827	33.661	25.766	223.58	0.187	0.223
80.0	10.593	33.699	25.836	217.09	0.209	0.211
100.0	10.385	33.739	25.904	211.04	0.252	0.206
120.0	9.995	33.810	26.026	199.79	0.294	0.195
140.0	9.756	33.866	26.110	192.21	0.333	0.198
160.0	9.477	33.928	26.205	183.52	0.370	0.200
180.0	9.316	33.959	26.256	179.07	0.406	0.198
200.0	9.085	33.998	26.324	172.99	0.441	0.191
250.0	8.298	34.074	26.506	156.30	0.524	0.127
300.0	7.760	34.096	26.604	147.65	0.600	0.064
350.0	7.172	34.140	26.723	136.83	0.671	0.014
400.0	6.707	34.192	26.827	127.35	0.737	-0.009
450.0	6.530	34.210	26.865	124.36	0.800	-0.019
500.0	6.047	34.191	26.913	120.02	0.861	-0.096
550.0	5.700	34.201	26.965	115.39	0.920	-0.132
600.0	5.436	34.228	27.018	110.68	0.976	-0.143
650.0	5.097	34.251	27.076	105.28	1.030	-0.164
700.0	4.970	34.302	27.132	100.45	1.082	-0.139
750.0	4.716	34.349	27.198	94.37	1.131	-0.131
800.0	4.433	34.362	27.239	90.48	1.177	-0.151
1000.0	3.875	34.430	27.353	80.56	1.347	-0.157
1200.0	3.390	34.496	27.455	71.45	1.499	-0.153
1400.0	2.879	34.555	27.550	62.44	1.634	-0.154
1600.0	2.507	34.591	27.612	56.55	1.752	-0.158
1652.4	2.433	34.597	27.623	55.51	1.781	-0.160

STATION: 11 DATE: 11/15/88 1006 GMT

LAT: 36 20.2 N. LON: 122 29.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.2	13.748	33.121	24.788	315.02	0.007	0.368
5.0	13.749	33.122	24.788	315.05	0.016	0.369
10.0	13.751	33.122	24.788	315.21	0.032	0.370
15.0	13.757	33.133	24.796	314.65	0.047	0.380
20.0	13.776	33.283	24.908	304.13	0.063	0.502
25.0	13.715	33.357	24.977	297.62	0.078	0.548
30.0	12.962	33.300	25.085	287.46	0.093	0.348
40.0	11.006	33.162	25.345	262.90	0.120	-0.140
50.0	11.025	33.400	25.527	245.84	0.146	0.053
60.0	11.109	33.600	25.667	232.72	0.170	0.226
70.0	10.634	33.670	25.807	219.67	0.192	0.196
80.0	10.441	33.711	25.872	213.61	0.214	0.194
100.0	10.099	33.788	25.991	202.70	0.255	0.195
120.0	9.888	33.835	26.064	196.21	0.295	0.196
140.0	9.625	33.873	26.138	189.58	0.334	0.182
160.0	9.380	33.935	26.226	181.50	0.371	0.190
180.0	9.170	33.983	26.298	175.04	0.406	0.193
200.0	8.824	34.029	26.389	166.65	0.440	0.174
250.0	8.229	34.068	26.512	155.71	0.520	0.112
300.0	7.494	34.101	26.646	143.50	0.595	0.029
350.0	7.243	34.126	26.702	138.86	0.666	0.013
400.0	6.747	34.127	26.770	132.75	0.733	-0.055
450.0	6.249	34.136	26.844	126.09	0.798	-0.114
500.0	5.700	34.155	26.927	118.25	0.859	-0.168
550.0	5.644	34.232	26.995	112.44	0.917	-0.114
600.0	5.407	34.265	27.051	107.57	0.972	-0.117
650.0	5.109	34.270	27.090	104.02	1.024	-0.148
700.0	4.877	34.294	27.136	99.87	1.075	-0.155
750.0	4.737	34.348	27.195	94.70	1.124	-0.129
800.0	4.461	34.349	27.226	91.77	1.171	-0.159
1000.0	3.844	34.428	27.355	80.33	1.342	-0.161
1200.0	3.311	34.490	27.457	70.97	1.493	-0.165
1400.0	2.917	34.533	27.529	64.50	1.628	-0.168
1600.0	2.579	34.576	27.594	58.51	1.751	-0.164
1800.0	2.174	34.620	27.663	51.45	1.861	-0.163
1877.6	2.060	34.633	27.683	49.48	1.901	-0.162

STATION: 12 DATE: 11/15/88 2033 GMT

LAT: 36 20.2 N. LON: 122 32.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.5	13.874	33.152	24.786	315.21	0.008	0.420
5.0	13.800	33.152	24.801	313.82	0.016	0.404
10.0	13.771	33.166	24.818	312.35	0.031	0.409
15.0	13.733	33.191	24.846	309.87	0.047	0.421
20.0	13.642	33.267	24.923	302.67	0.062	0.461
25.0	13.474	33.322	25.000	295.45	0.077	0.470
30.0	13.459	33.327	25.007	294.96	0.092	0.471
40.0	12.824	33.408	25.196	277.17	0.121	0.405
50.0	12.130	33.376	25.305	267.02	0.148	0.241
60.0	11.302	33.367	25.452	253.22	0.174	0.077
70.0	10.424	33.387	25.623	237.09	0.199	-0.066
80.0	10.528	33.573	25.749	225.29	0.222	0.100
100.0	9.945	33.713	25.958	205.79	0.265	0.109
120.0	9.716	33.848	26.102	192.51	0.305	0.177
140.0	9.497	33.922	26.197	183.94	0.342	0.199
160.0	9.126	33.963	26.289	175.44	0.378	0.171
180.0	8.657	33.973	26.371	167.94	0.413	0.104
200.0	8.520	34.050	26.453	160.50	0.445	0.143
250.0	7.978	34.109	26.581	149.03	0.523	0.107
300.0	7.170	34.072	26.669	141.10	0.595	-0.039
350.0	6.585	34.082	26.756	133.17	0.664	-0.111
400.0	6.370	34.136	26.827	127.03	0.729	-0.097
450.0	6.051	34.179	26.902	120.34	0.791	-0.105
500.0	5.843	34.231	26.970	114.41	0.850	-0.090
550.0	5.680	34.276	27.026	109.59	0.906	-0.075
600.0	5.138	34.244	27.066	105.75	0.960	-0.165
650.0	4.932	34.294	27.129	100.07	1.011	-0.149
700.0	4.764	34.324	27.172	96.30	1.060	-0.145
750.0	4.629	34.362	27.218	92.34	1.107	-0.130
800.0	4.496	34.383	27.249	89.67	1.153	-0.128
1000.0	3.858	34.445	27.367	79.23	1.322	-0.147
1200.0	3.385	34.500	27.458	71.11	1.472	-0.150
1400.0	2.961	34.534	27.526	64.93	1.608	-0.163
1600.0	2.521	34.571	27.595	58.18	1.732	-0.173
1800.0	2.203	34.597	27.642	53.48	1.843	-0.179
2000.0	1.993	34.620	27.678	50.13	1.946	-0.178
2114.4	1.831	34.639	27.707	47.21	2.001	-0.176

STATION: 13 DATE: 11/15/88 2148 GMT

LAT: 36 20.0 N. LON: 122 35 7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.6	14 042	33.123	24 729	320.63	0.005	0.433
5.0	13.928	33.159	24.780	315.83	0.016	0.437
10.0	13.790	33.184	24.828	311.40	0.032	0.427
15.0	13.796	33.303	24.919	302.88	0.047	0.523
20.0	13.770	33.386	24.989	296.42	0.062	0.582
25.0	13.756	33.386	24.992	296.28	0.077	0.579
30.0	13.738	33.385	24.995	296.11	0.092	0.575
40.0	13.716	33.385	25.000	295.94	0.121	0.570
50.0	13.074	33.388	25.131	283.60	0.150	0.439
60.0	12.004	33.398	25.346	263.34	0.178	0.235
70.0	10.929	33.438	25.574	241.80	0.203	0.065
80.0	10.846	33.538	25.667	233.21	0.227	0.129
100.0	10.211	33.684	25.891	212.27	0.272	0.132
120.0	9.639	33.802	26.080	194.66	0.313	0.128
140.0	9.123	33.898	26.238	179.87	0.350	0.119
160.0	8.867	33.943	26.314	172.99	0.385	0.113
180.0	8.585	33.984	26.390	166.07	0.419	0.101
200.0	8.590	34.052	26.444	161.40	0.452	0.156
250.0	7.735	34.025	26.551	151.76	0.530	0.005
300.0	7.138	34.040	26.648	143.08	0.604	-0.069
350.0	6.846	34.098	26.734	135.50	0.673	-0.064
400.0	6.731	34.181	26.815	128.51	0.739	-0.014
450.0	5.986	34.161	26.896	120.85	0.801	-0.127
500.0	5.677	34.180	26.950	116.09	0.861	-0.151
550.0	5.248	34.207	27.023	109.31	0.917	-0.181
600.0	5.092	34.244	27.071	105.19	0.971	-0.170
650.0	4.934	34.278	27.116	101.30	1.023	-0.162
700.0	4.783	34.327	27.173	96.29	1.072	-0.140
750.0	4.643	34.362	27.216	92.51	1.119	-0.128
800.0	4.424	34.381	27.256	88.95	1.164	-0.137
1000.0	3.898	34.441	27.360	80.01	1.334	-0.146
1200.0	3.383	34.489	27.450	71.89	1.485	-0.159
1400.0	2.946	34.528	27.522	65.22	1.622	-0.169
1600.0	2.521	34.566	27.590	58.55	1.745	-0.176
1800.0	2.197	34.605	27.649	52.83	1.856	-0.173
2000.0	1.984	34.633	27.690	49.07	1.958	-0.168
2200.0	1.861	34.653	27.716	46.86	2.054	-0.163
2400.0	1.745	34.669	27.739	44.96	2.145	-0.160
2600.0	1.687	34.676	27.750	44.39	2.235	-0.160

STATION: 14 DATE: 11/16/88 0706 GMT

LAT: 36 20.2 N. LON: 122 38.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.9	14.018	33.206	24.798	314.08	0.009	0.493
5.0	13.980	33.201	24.802	313.76	0.016	0.481
10.0	13.889	33.197	24.818	312.39	0.031	0.458
15.0	13.888	33.219	24.835	310.89	0.047	0.475
20.0	13.871	33.298	24.900	304.85	0.062	0.535
25.0	13.856	33.340	24.936	301.58	0.078	0.564
30.0	13.844	33.360	24.954	300.04	0.093	0.577
40.0	13.744	33.386	24.995	296.39	0.122	0.577
50.0	12.922	33.363	25.142	282.58	0.151	0.388
60.0	11.964	33 272	25.255	271.98	0.179	0.127
70.0	9.816	32.995	25.419	256.35	0.205	-0.485
80.0	9.975	33.248	25.590	240.31	0.230	-0.255
100.0	9.650	33.587	25.909	210.44	0.275	-0.041
120.0	9.216	33.734	26.095	193.11	0.315	0 004
140.0	9.141	33.936	26.265	177.34	0.352	0.152
160.0	8.549	33.925	26.349	169.55	0.387	0.049
180.0	8.113	33.958	26.442	161.02	0.420	0.009
200.0	7.881	33.980	26.493	156.41	0.452	-0.009
250.0	7.384	34.014	26.592	147.66	0.528	-0.055
300.0	6.856	34.027	26.676	140.23	0.600	-0.118
350.0	6.502	34.074	26.760	132.72	0.668	-0.129
400.0	6.018	34.092	26.837	125.73	0.732	-0.177
450.0	5.744	34.129	26.901	120.12	0.794	-0.182
500.0	5.478	34.171	26.967	114.24	0.852	-0.181
550.0	5.256	34.226	27.037	107.99	0.908	-0.165
600.0	5.030	34.256	27.087	103.57	0.961	-0.168
650.0	4.832	34.300	27.146	98.37	1.011	-0.155
700.0	4.748	34.350	27.195	94.16	1.059	-0.126
750.0	4.563	34.379	27.239	90.27	1.105	-0.123
800.0	4.380	34.405	27.279	86.64	1.150	-0.123
1000.0	3.747	34.470	27.398	76.07	1.314	-0.138
1200.0	3.252	34.508	27.477	68.97	1.460	-0.156
1400.0	2.880	34.534	27.533	64.00	1.593	-0.170
1600.0	2.536	34.558	27.583	59.32	1.716	-0.181
1800.0	2.223	34.587	27.633	54.46	1.829	-0.185
2000.0	1.994	34.611	27.671	50.81	1.934	-0.185
2200.0	1.863	34.631	27.698	48.51	2.033	-0.180
2400.0	1.763	34.643	27.717	47.09	2.129	-0.179
2600.0	1.702	34.650	27.728	46.47	2.222	-0.179
2800.0	1.637	34.659	27.741	45.59	2.314	-0.178
2868.4	1.623	34.661	27.744	45.47	2.345	-0.178

STATION: 15 DATE: 11/16/88 0906 GMT

LAT: 36 20.1 N. LON: 122 42.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.8	14.140	33.184	24.756	318.09	0.006	0.502
5.0	14.140	33.185	24.757	318.08	0.016	0.503
10.0	14.009	33.189	24.787	315.33	0.032	0.478
15.0	13.973	33.188	24.794	314.82	0.047	0.469
20.0	13.962	33.191	24.798	314.52	0.063	0.469
25.0	13.956	33.191	24.800	314.49	0.079	0.468
30.0	13.926	33.187	24.803	314.34	0.095	0.458
40 0	12.851	33.118	24.966	299.07	0.126	0.181
50.0	11.543	32.977	25.104	286.04	0.155	-0.189
60.0	11.252	33.111	25.262	271.26	0.183	-0.136
70.0	10.518	33.161	25.430	255.42	0.209	-0.230
80.0	9.986	33.255	25.593	240.01	0.234	-0.248
100.0	9.194	33.585	25.981	203.44	0.278	-0.117
120.0	9.022	33.810	26.185	184.45	0.317	0.034
140.0	8.498	33.859	26.306	173.30	0.353	-0.011
160.0	8.254	33.939	26.405	164.15	0.386	0.015
180.0	7.995	33.982	26.478	157.55	0.418	0.010
200.0	7.766	34.002	26.527	153.11	0.449	-0.008
250.0	7.765	34.118	26.619	145.30	0.524	0.082
300.0	7.297	34.132	26.698	138.47	0.595	0.026
350.0	6.515	34.105	26.783	130.59	0.662	-0.103
400.0	6.426	34.168	26.846	125.36	0.726	-0.064
450.0	5.967	34.176	26.911	119.44	0.787	-0.117
500.0	5.725	34.229	26.983	113.05	0.845	-0.106
550.0	5.655	34.293	27.043	108.02	0.900	-0.065
600.0	5.234	34.301	27.100	102.71	0.952	-0.109
650.0	4.984	34.347	27.165	96.77	1.002	-0.102
700.0	4.683	34.353	27.204	93.17	1.050	-0.131
750.0	4.575	34.380	27.238	90.34	1.096	-0.121
800.0	4.435	34.408	27.276	87.05	1.140	-0.115
1000.0	3.783	34.474	27.398	76.19	1.302	-0.131
1200.0	3.327	34.514	27.475	69.40	1.447	-0.145
1400.0	2.949	34.542	27.533	64.22	1.581	-0.158
1600.0	2.596	34.564	27.582	59.62	1.704	-0.172
1800.0	2.247	34.588	27.632	54.67	1.819	-0.182
2000.0	2.026	34.609	27.667	51.34	1.924	-0.184
2200.0	1.882	34.632	27.698	48.67	2.024	-0.178
2400.0	1.773	34.648	27.720	46.85	2.120	-0.174
2600.0	1.711	34.657	27.733	46.08	2.212	-0.173
2800.0	1.660	34.663	27.743	45.61	2.304	-0.173
2885.9	1.629	34.666	27.748	45.24	2.343	-0.174

STATION: 16 DATE: 11/16/88 1830 GMT

LAT: 36 19.9 N. LON: 122 48.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.1	14.212	33.064	24.648	328.35	0.007	0.422
5.0	14.213	33.064	24.648	328.41	0.016	0.423
10.0	14.196	33.075	24.660	327.42	0.033	0.427
15.0	14.086	33.074	24.682	325.48	0.049	0.402
20.0	14.067	33.078	24.690	324.90	0.065	0.402
25.0	13.989	33.081	24.709	323.22	0.082	0.387
30.0	13.570	33.113	24.818	312.89	0.098	0.324
40.0	11.569	32.917	25.053	290.69	0.128	-0.232
50.0	10.690	32.980	25.259	271.27	0.156	-0.344
60.0	10.400	33.063	25.374	260.51	0.182	-0.329
70.0	10.243	33.154	25.471	251.41	0.208	-0.284
80.0	9.835	33.326	25.674	232.33	0.232	-0.217
100.0	9.093	33.587	25.999	201.75	0.275	-0.132
120.0	8.846	33.745	26.162	186.64	0.314	-0.046
140.0	8.595	33.851	26.284	175.38	0.351	-0.002
160.0	8.236	33.917	26.391	165.52	0.385	-0.005
180.0	8.311	34.025	26.465	158.94	0.417	0.092
200.0	8.189	34.056	26.508	155.19	0.449	0.097
250.0	7.521	34.047	26.598	147.13	0.524	-0.009
300.0	7.039	34.085	26.697	138.37	0.595	-0.047
350.0	6.454	34.064	26.759	132.82	0.663	-0.143
400.0	6.197	34.134	26.848	124.94	0.728	-0.122
450.0	5.868	34.145	26.899	120.48	0.789	-0.154
500.0	5.849	34.236	26.974	114.11	0.848	-0.085
550.0	5.532	34.264	27.035	108.60	0.903	-0.102
600.0	5.048	34.267	27.095	102.92	0.956	-0.156
650.0	4.998	34.336	27.155	97.76	1.006	-0.109
700.0	4.752	34.349	27.193	94.33	1.054	-0.127
750.0	4.555	34.362	27.226	91.46	1.101	-0.138
800.0	4.395	34.379	27.257	88.77	1.146	-0.142
1000.0	3.781	34.456	27.383	77.51	1.311	-0.145
1200.0	3.270	34.503	27.472	69.53	1.458	-0.158
1400.0	2.920	34.542	27.535	63.91	1.591	-0.161
1600.0	2.559	34.573	27.593	58.49	1.714	-0.168
1800.0	2.231	34.597	27.640	53.82	1.826	-0.176
2000.0	2.015	34.622	27.679	50.24	1.930	-0.174
2200.0	1.877	34.637	27.702	48.24	2.028	-0.174
2400.0	1.774	34.651	27.722	46.65	2.123	-0.172
2600.0	1.700	34.656	27.733	46.01	2.215	-0.175
2800.0	1.647	34.662	27.743	45.51	2.307	-0.175
3000.0	1.598	34.667	27.752	45.09	2.398	-0.176
3200.0	1.587	34.671	27.757	45.26	2.488	-0.175
3211.3	1.586	34.671	27.757	45.27	2.493	-0.175

STATION: 17 DATE: 11/17/88 0741 GMT

LAT: 36 20.3 N. LON: 122 55.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.5	14.053	33.078	24.692	324.18	0.008	0.399
5.0	14.049	33.076	24.691	324.32	0.016	0.396
10.0	14.079	33.106	24.709	322.79	0.032	0.427
15.0	14.124	33.195	24.768	317.29	0.048	0.507
20.0	13.964	33.186	24.794	314.96	0.064	0.465
25.0	13.313	33.124	24.879	306.97	0.080	0.280
30.0	12.637	33.070	24.970	298.36	0.095	0.099
40.0	10.978	32.969	25.200	276.68	0.123	-0.300
50.0	10.311	32.996	25.336	263.87	0.151	-0.398
60.0	9.760	33.042	25.465	251.78	0.176	-0.456
70.0	9.680	33.193	25.596	239.54	0.201	-0.350
80.0	9.772	33.412	25.752	224.92	0.224	-0.159
100.0	9.366	33.646	26.001	201.60	0.267	-0.041
120.0	8.727	33.790	26.215	181.53	0.305	-0.030
140.0	8.501	33.907	26.342	169.82	0.340	0.028
160.0	8.418	33.988	26.419	162.89	0.373	0.079
180.0	8.096	33.999	26.476	157.72	0.405	0.038
200.0	7.804	33.995	26.517	154.14	0.437	-0.008
250.0	7.266	34.042	26.631	143.93	0.511	-0.049
300.0	6.810	34.069	26.715	136.44	0.581	-0.091
350.0	6.326	34.092	26.798	129.02	0.647	-0.137
400.0	5.943	34.133	26.880	121.69	0.710	-0.154
450.0	5.651	34.162	26.939	116.48	0.769	-0.167
500.0	5.415	34.201	26.998	111.26	0.826	-0.166
550.0	5.264	34.256	27.060	105.86	0.881	-0.140
600.0	5.254	34.324	27.116	101.25	0.932	-0.088
650.0	4.824	34.309	27.153	97.65	0.982	-0.150
700.0	4.604	34.337	27.200	93.42	1.030	-0.152
750.0	4.448	34.368	27.242	89.73	1.075	-0.145
800.0	4.298	34.391	27.277	86.70	1.120	-0.143
1000.0	3.797	34.461	27.386	77.32	1.284	-0.140
1200.0	3.271	34.508	27.475	69.17	1.430	-0.154
1400.0	2.928	34.542	27.535	63.96	1.562	-0.159
1600.0	2.574	34.571	27.590	58.81	1.685	-0.168
1800.0	2.270	34.598	27.638	54.21	1.797	-0.173
2000.0	2.056	34.613	27.668	51.41	1.903	-0.179
2200.0	1.911	34.634	27.697	48.89	2.003	-0.174
2400.0	1.797	34.650	27.720	47.04	2.099	-0.171
2600.0	1.722	34.655	27.731	46.37	2.193	-0.174
2800.0	1.654	34.661	27.742	45.65	2.285	-0.175
3000.0	1.607	34.666	27.750	45.29	2.376	-0.176
3200.0	1.585	34.670	27.756	45.29	2.466	-0.175
3266.0	1.584	34.672	27.758	45.33	2.496	-0.174

STATION: 18 DATE: 11/17/88 1753 GMT

LAT: 36 20.0 N. LON: 123 2.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.6	13.837	33.258	24.876	306.69	0.008	0.496
5.0	13.835	33.260	24.878	306.57	0.015	0.497
10.0	13.840	33.260	24.877	306.78	0.031	0.498
15.0	13.840	33.260	24.877	306.91	0.046	0.498
20.0	13.841	33.261	24.878	306.99	0.061	0.499
25.0	13.858	33.271	24.882	306.74	0.077	0.510
30.0	13.840	33.282	24.894	305.68	0.092	0.515
40.0	12.670	33.274	25.122	284.20	0.122	0.267
50.0	11.179	33.128	25.288	268.54	0.149	-0.136
60.0	10.472	33.139	25.420	256.08	0.175	-0.255
70.0	9.645	33.176	25.589	240.20	0.200	-0.368
80.0	9.380	33.388	25.797	220.54	0.224	-0.243
100.0	9.033	33.687	26.086	193.44	0.265	-0.062
120.0	8.572	33.810	26.255	177.70	0.302	-0.038
140.0	8.409	33.885	26.340	170.04	0.337	-0.004
160.0	8.312	33.945	26.401	164.56	0.370	0.028
180.0	8.074	33.978	26.463	158.97	0.402	0.018
200.0	7.936	34.003	26.503	155.47	0.434	0.017
250.0	7.135	34.031	26.641	142.92	0.508	-0.076
300.0	6.809	34.084	26.727	135.32	0.578	-0.079
350.0	6.293	34.105	26.812	127.66	0.643	-0.131
400.0	6.093	34.165	26.886	121.27	0.705	-0.110
450.0	6.033	34.234	26.948	116.01	0.765	-0.063
500.0	5.513	34.238	27.016	109.72	0.821	-0.125
550.0	5.385	34.287	27.071	105.03	0.875	-0.101
600.0	4.933	34.273	27.112	101.10	0.926	-0.165
650.0	4.752	34.302	27.156	97.25	0.976	-0.163
700.0	4.615	34.347	27.207	92.80	1.024	-0.143
750.0	4.589	34.384	27.240	90.25	1.069	-0.117
800.0	4.408	34.395	27.269	87.71	1.114	-0.128
1000.0	3.812	34.455	27.379	77.95	1.279	-0.143
1200.0	3.283	34.505	27.472	69.55	1.426	-0.156
1400.0	2.904	34.539	27.535	63.93	1.559	-0.164
1600.0	2.618	34.561	27.578	60.07	1.684	-0.172
1800.0	2.302	34.586	27.626	55.47	1.799	-0.180
2000.0	2.066	34.610	27.665	51.75	1.906	-0.180
2200.0	1.899	34.627	27.692	49.25	2.007	-0.180
2400.0	1.806	34.639	27.710	47.93	2.104	-0.179
2600.0	1.739	34.649	27.724	47.05	2.199	-0.177
2800.0	1.675	34.658	27.738	46.18	2.292	-0.176
3000.0	1.630	34.664	27.747	45.77	2.384	-0.176
3081.9	1.609	34.668	27.752	45.42	2.421	-0.175

STATION: 19 DATE: 11/17/88 2153 GMT

LAT: 36 13.2 N. LON: 123 16.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	13.871	33.023	24.687	324.66	0.010	0.317
5.0	13.874	33.023	24.686	324.79	0.016	0.317
10.0	13.875	33.022	24.686	324.98	0.032	0.316
15.0	13.869	33.026	24.690	324.71	0.049	0.318
20.0	13.864	33.028	24.693	324.58	0.065	0.319
25.0	13.824	33.035	24.706	323.41	0.081	0.315
30.0	13.501	33.024	24.763	318.11	0.097	0.238
40.0	12.550	33.114	25.021	293.77	0.128	0.116
50.0	12.115	33.265	25.222	274.88	0.156	0.151
60.0	11.238	33.282	25.397	258.44	0.183	-0.003
70.0	9.767	33.337	25.694	230.24	0.208	-0.220
80.0	9.437	33.466	25.849	215.66	0.230	-0.172
100.0	8.995	33.703	26.105	191.67	0.271	-0.056
120.0	8.483	33.777	26.243	178.83	0.308	-0.078
140.0	8.289	33.891	26.362	167.90	0.343	-0.018
160.0	8.115	33.952	26.436	161.16	0.375	0.004
180.0	7.788	33.968	26.498	155.59	0.407	-0.031
200.0	7.413	33.978	26.559	149.95	0.438	-0.078
250.0	7.199	34.090	26.678	139.45	0.510	-0.020
300.0	6.815	34.130	26.763	132.00	0.578	-0.042
350.0	6.483	34.161	26.831	126.01	0.643	-0.063
400.0	6.210	34.192	26.892	120.81	0.704	-0.074
450.0	5.646	34.195	26.965	113.98	0.763	-0.142
500.0	5.468	34.239	27.022	109.08	0.819	-0.129
550.0	5.276	34.283	27.080	104.00	0.872	-0.117
600.0	5.149	34.323	27.127	100.03	0.923	-0.101
650.0	4.881	34.338	27.170	96.17	0.972	-0.120
700.0	4.546	34.350	27.217	91.75	1.019	-0.148
750.0	4.369	34.378	27.259	88.03	1.064	-0.145
800.0	4.265	34.397	27.285	85.87	1.107	-0.141
1000.0	3.723	34.468	27.399	75.94	1.269	-0.142
1200.0	3.272	34.511	27.478	68.97	1.414	-0.152
1400.0	3.030	34.536	27.521	65.63	1.549	-0.155
1600.0	2.728	34.558	27.567	61.59	1.676	-0.165
1800.0	2.346	34.585	27.621	56.08	1.793	-0.177
2000.0	2.083	34.614	27.667	51.67	1.901	-0.176
2200.0	1.927	34.630	27.693	49.38	2.002	-0.176
2400.0	1.829	34.641	27.710	48.09	2.099	-0.176
2600.0	1.753	34.650	27.724	47.13	2.194	-0.176
2800.0	1.679	34.658	27.738	46.22	2.288	-0.176
3000.0	1.623	34.665	27.748	45.58	2.379	-0.175
3200.0	1.593	34.669	27.755	45.49	2.470	-0.176
3302.3	1.581	34.671	27.758	45.46	2.517	-0.176

STATION: 20 DATE: 11/18/88 0153 GMT

LAT: 36 6 4 N. LON: 123 28.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	13.894	33.032	24.689	324.44	0.010	0.329
5.0	13.899	33.030	24.687	324.73	0.016	0.328
10.0	13.902	33.030	24.686	324.92	0.032	0.329
15.0	13.905	33.029	24.685	325.18	0.049	0.328
20.0	13.897	33.028	24.686	325.21	0.065	0.326
25.0	13.872	33.005	24.674	326.53	0.081	0.302
30.0	13.830	32.994	24.674	326.67	0.098	0.284
40.0	13.363	33.015	24.785	316.36	0.130	0.202
50.0	11.366	32.877	25.058	290.38	0.160	-0.302
60.0	10.812	32.908	25.182	278.78	0.189	-0.379
70.0	10.822	33.178	25.391	259.18	0.216	-0.162
80.0	10.332	33.235	25.519	247.09	0.241	-0.204
100.0	9.324	33.426	25.837	217.21	0.288	-0.223
120.0	9.037	33.701	26.098	192.79	0.329	-0.051
140.0	8.369	33.792	26.272	176.40	0.366	-0.084
160.0	8.184	33.919	26.400	164.65	0.400	-0.012
180.0	7.996	33.967	26.466	158.68	0.432	-0.002
200.0	7.695	33.991	26.529	152.92	0.463	-0.027
250.0	6.946	33.993	26.636	143.23	0.537	-0.132
300.0	6.446	34.021	26.725	135.23	0.607	-0.177
350.0	5.873	34.029	26.805	128.00	0.673	-0.245
400.0	5.463	34.053	26.875	121.69	0.735	-0.276
450.0	5.362	34.124	26.943	115.76	0.795	-0.232
500.0	5.400	34.209	27.006	110.49	0.851	-0.161
550.0	5.150	34.247	27.066	105.13	0.905	-0.160
600.0	4.953	34.294	27.127	99.76	0.956	-0.146
650.0	4.779	34.325	27.171	95.90	1.005	-0.142
700.0	4.609	34.355	27.214	92.13	1.052	-0.137
750.0	4.396	34.383	27.260	87.99	1.097	-0.138
800.0	4.268	34.403	27.290	85.47	1.140	-0.137
1000.0	3.757	34.472	27.398	76.04	1.302	-0.135
1200.0	3.325	34.509	27.471	69.74	1.447	-0.149
1400.0	2.954	34.539	27.530	64.50	1.581	-0.160
1600.0	2.614	34.568	27.584	59.51	1.705	-0.167
1800.0	2.302	34.592	27.631	55.04	1.820	-0.175
2000.0	2.095	34.615	27.667	51.74	1.926	-0.174
2200.0	1.945	34.628	27.690	49.75	2.027	-0.176
2400.0	1.836	34.641	27.710	48.19	2.125	-0.176
2600.0	1.750	34.649	27.724	47.17	2.221	-0.177
2800.0	1.679	34.657	27.737	46.31	2.314	-0.177
3000.0	1.647	34.665	27.746	45.94	2.406	-0.174
3200.0	1.611	34.670	27.755	45.67	2.498	-0.174
3400.0	1.577	34.672	27.760	45.61	2.589	-0.176
3579.0	1.537	34.674	27.766	45.38	2.671	-0.178

STATION: 23 DATE: 11/18/88 1506 GMT

LAT: 36 27.3 N. LON: 122 46.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.415	33.114	24.850	309.10	0.006	0.293
5.0	13.415	33.114	24.850	309.17	0.015	0.293
10.0	13.414	33.114	24.850	309.28	0.031	0.293
15.0	13.418	33.114	24.850	309.49	0.046	0.294
20.0	13.418	33.114	24.850	309.61	0.062	0.293
25.0	13.381	33.100	24.847	310.05	0.077	0.274
30.0	13.134	33.074	24.876	307.41	0.093	0.202
40.0	10.676	32.828	25.142	282.10	0.122	-0.468
50.0	10.317	32.888	25.251	271.95	0.150	-0.484
60.0	9.879	33.067	25.465	251.80	0.176	-0.416
70.0	9.782	33.213	25.594	239.67	0.200	-0.316
80.0	9.795	33.435	25.766	223.58	0.223	-0.137
100.0	9.293	33.672	26.033	198.54	0.265	-0.032
120.0	8.809	33.788	26.201	182.89	0.304	-0.018
140.0	8.584	33.881	26.309	172.99	0.339	0.020
160.0	8.364	33.968	26.411	163.64	0.373	0.055
180.0	8.386	34.053	26.475	157.94	0.405	0.125
200.0	8.247	34.085	26.522	153.86	0.436	0.129
250.0	7.827	34.128	26.618	145.47	0.511	0.099
300.0	6.810	34.100	26.740	134.15	0.581	-0.066
350.0	6.249	34.099	26.813	127.57	0.646	-0.142
400.0	6.367	34.200	26.878	122.26	0.709	-0.047
450.0	5.745	34.186	26.946	115.88	0.768	-0.137
500.0	5.620	34.256	27.017	109.70	0.824	-0.097
550.0	5.231	34.261	27.068	105.05	0.878	-0.140
600.0	5.252	34.330	27.121	100.78	0.929	-0.084
650.0	4.794	34.321	27.166	96.37	0.979	-0.143
700.0	4.614	34.349	27.209	92.65	1.026	-0.141
750.0	4.477	34.379	27.248	89.26	1.071	-0.133
800.0	4.315	34.397	27.280	86.47	1.115	-0.136
1000.0	3.814	34.466	27.388	77.15	1.278	-0.134
1200.0	3.307	34.513	27.476	69.22	1.424	-0.147
1400.0	2.900	34.545	27.540	63.43	1.556	-0.160
1600.0	2.579	34.574	27.592	58.63	1.678	-0.165
1800.0	2.232	34.602	27.644	53.47	1.790	-0.172
2000.0	2.011	34.621	27.678	50.28	1.894	-0.176
2200.0	1.877	34.640	27.705	48.03	1.991	-0.172
2400.0	1.777	34.649	27.720	46.84	2.086	-0.173
2600.0	1.692	34.656	27.734	45.90	2.179	-0.175
2800.0	1.631	34.663	27.745	45.22	2.270	-0.175
2910.5	1.602	34.667	27.751	44.88	2.319	-0.175

STATION: 24 DATE: 11/18/88 2006 GMT

LAT: 36 36.1 N. LON: 122 28.5 W

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.2	13.652	33.221	24.885	305.80	0.007	0.428
5.0	13.645	33.223	24.887	305.63	0.015	0.427
10.0	13.646	33.223	24.888	305.73	0.031	0.428
15.0	13.646	33.223	24.888	305.85	0.046	0.428
20.0	13.645	33.224	24.889	305.89	0.061	0.428
25.0	13.643	33.224	24.889	305.98	0.076	0.428
30.0	13.644	33.224	24.889	306.12	0.092	0.428
40.0	13.214	33.159	24.926	302.89	0.122	0.286
50.0	11.550	33.015	25.132	283.35	0.152	-0.156
60.0	11.233	33.106	25.261	271.35	0.180	-0.144
70.0	10.296	33.157	25.465	252.08	0.206	-0.273
80.0	9.840	33.364	25.703	229.58	0.230	-0.186
100.0	9.150	33.520	25.937	207.61	0.274	-0.176
120.0	8.968	33.701	26.108	191.75	0.314	-0.062
140.0	8.684	33.811	26.239	179.67	0.351	-0.020
160.0	8.400	33.886	26.341	170.25	0.386	-0.005
180.0	8.326	33.965	26.415	163.61	0.419	0.046
200.0	8.311	34.052	26.486	157.29	0.452	0.113
250.0	7.742	34.090	26.601	147.01	0.527	0.057
300.0	7.450	34.163	26.701	138.28	0.599	0.072
350.0	6.909	34.189	26.797	129.61	0.666	0.017
400.0	6.453	34.210	26.875	122.62	0.729	-0.028
450.0	5.891	34.197	26.937	116.92	0.788	-0.110
500.0	5.600	34.219	26.990	112.24	0.846	-0.129
550.0	5.353	34.250	27.045	107.44	0.900	-0.135
600.0	5.277	34.300	27.094	103.32	0.953	-0.104
650.0	5.001	34.328	27.148	98.37	1.003	-0.115
700.0	4.876	34.351	27.181	95.67	1.052	-0.111
750.0	4.621	34.368	27.224	91.80	1.099	-0.126
800.0	4.439	34.387	27.259	88.64	1.144	-0.131
1000.0	3.890	34.452	27.369	79.11	1.311	-0.138
1200.0	3.299	34.505	27.470	69.72	1.459	-0.154
1400.0	2.891	34.537	27.534	63.91	1.592	-0.167
1600.0	2.554	34.562	27.585	59.21	1.715	-0.176
1800.0	2.228	34.596	27.640	53.86	1.828	-0.177
2000.0	1.967	34.621	27.681	49.74	1.932	-0.179
2200.0	1.822	34.637	27.706	47.56	2.029	-0.178
2400.0	1.744	34.647	27.721	46.56	2.123	-0.177
2600.0	1.701	34.654	27.731	46.16	2.216	-0.176
2800.0	1.666	34.663	27.742	45.69	2.308	-0.173
2828.0	1.664	34.665	27.744	45.61	2.320	-0.172

STATION: 25 DATE: 11/18/88 2323 GMT

LAT: 36 33.7 N. LON: 122 13.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.6	13.317	33.093	24.853	308.79	0.008	0.256
5.0	13.314	33.094	24.855	308.70	0.015	0.257
10.0	13.311	33.094	24.856	308.77	0.031	0.255
15.0	13.290	33.095	24.861	308.40	0.046	0.252
20.0	13.280	33.099	24.866	308.07	0.062	0.253
25.0	13.275	33.100	24.868	308.05	0.077	0.252
30.0	13.084	33.098	24.905	304.64	0.092	0.212
40.0	11.431	32.976	25.124	283.90	0.122	-0.210
50.0	10.616	33.000	25.287	268.52	0.149	-0.340
60.0	9.831	33.050	25.459	252.32	0.175	-0.438
70.0	9.917	33.257	25.607	238.50	0.200	-0.257
80.0	9.916	33.495	25.793	221.05	0.223	-0.068
100.0	9.792	33.712	25.983	203.39	0.265	0.083
120.0	9.429	33.846	26.148	188.09	0.304	0.128
140.0	9.041	33.941	26.285	175.44	0.341	0.139
160.0	8.914	33.978	26.335	171.10	0.375	0.148
180.0	8.713	34.037	26.413	164.01	0.408	0.163
200.0	8.108	33.998	26.474	158.30	0.441	0.039
250.0	7.802	34.069	26.576	149.45	0.517	0.049
300.0	7.151	34.077	26.675	140.47	0.589	-0.037
350.0	7.013	34.159	26.759	133.25	0.658	0.007
400.0	6.638	34.158	26.809	128.99	0.723	-0.045
450.0	6.283	34.188	26.880	122.71	0.786	-0.068
500.0	5.882	34.197	26.939	117.40	0.846	-0.112
550.0	5.637	34.258	27.017	110.40	0.903	-0.095
600.0	5.387	34.295	27.077	105.06	0.957	-0.096
650.0	5.090	34.327	27.138	99.54	1.008	-0.105
700.0	4.811	34.357	27.193	94.42	1.057	-0.113
750.0	4.607	34.377	27.232	90.97	1.103	-0.120
800.0	4.429	34.396	27.267	87.91	1.148	-0.125
1000.0	3.824	34.457	27.380	77.96	1.314	-0.141
1200.0	3.312	34.502	27.467	70.12	1.462	-0.155
1400.0	2.861	34.540	27.539	63.34	1.594	-0.167
1600.0	2.537	34.568	27.591	58.58	1.716	-0.173
1800.0	2.223	34.600	27.643	53.51	1.827	-0.175
2000.0	2.030	34.617	27.673	50.79	1.931	-0.177
2200.0	1.869	34.631	27.698	48.56	2.030	-0.179
2400.0	1.802	34.637	27.709	48.02	2.127	-0.181
2410.4	1.797	34.640	27.712	47.78	2.132	-0.179

STATION: 26 DATE: 11/19/88 0423 GMT

LAT: 36 36.6 N. LON: 122 9.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.7	13.416	33.240	24.947	299.86	0.008	0.393
5.0	13.421	33.239	24.946	300.07	0.015	0.394
10.0	13.424	33.242	24.947	300.05	0.030	0.397
15.0	13.431	33.242	24.946	300.28	0.045	0.398
20.0	13.404	33.232	24.944	300.66	0.060	0.384
25.0	13.410	33.238	24.948	300.41	0.075	0.390
30.0	13.355	33.236	24.957	299.66	0.090	0.377
40.0	11.934	33.086	25.117	284.64	0.120	-0.026
50.0	10.701	33.095	25.346	262.93	0.147	-0.249
60.0	10.058	33.111	25.469	251.39	0.173	-0.350
70.0	9.978	33.311	25.639	235.49	0.197	-0.204
80.0	9.424	33.394	25.795	220.76	0.220	-0.231
100.0	9.217	33.760	26.114	190.84	0.261	0.025
120.0	9.045	33.896	26.249	178.46	0.298	0.105
140.0	9.046	33.999	26.329	171.23	0.333	0.186
160.0	8.687	34.019	26.402	164.63	0.366	0.145
180.0	8.485	34.052	26.459	159.50	0.399	0.140
200.0	8.135	34.050	26.511	154.82	0.430	0.085
250.0	7.860	34.126	26.612	146.06	0.505	0.103
300.0	7.251	34.127	26.701	138.15	0.576	0.016
350.0	6.729	34.122	26.769	132.13	0.644	-0.060
400.0	6.434	34.157	26.835	126.32	0.708	-0.072
450.0	6.199	34.200	26.900	120.68	0.770	-0.069
500.0	5.932	34.235	26.962	115.27	0.829	-0.076
550.0	5.657	34.254	27.011	110.96	0.885	-0.095
600.0	5.388	34.300	27.081	104.73	0.939	-0.092
650.0	5.063	34.334	27.146	98.72	0.990	-0.103
700.0	4.852	34.352	27.185	95.31	1.039	-0.113
750.0	4.593	34.375	27.232	90.94	1.085	-0.124
800.0	4.425	34.394	27.266	88.02	1.130	-0.127
1000.0	3.855	34.449	27.370	78.90	1.296	-0.144
1200.0	3.326	34.498	27.462	70.57	1.446	-0.157
1400.0	2.922	34.535	27.530	64.44	1.580	-0.166
1600.0	2.584	34.563	27.583	59.53	1.705	-0.174
1800.0	2.267	34.596	27.636	54.33	1.817	-0.175
2000.0	2.027	34.617	27.674	50.75	1.923	-0.177
2200.0	1.868	34.631	27.698	48.57	2.021	-0.180
2262.5	1.844	34.632	27.701	48.43	2.052	-0.181

STATION: 27 DATE: 11/19/88 0648 GMT

LAT: 36 43.5 N. LON: 122 13.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.6	12.682	33.236	25.090	286.32	0.007	0.241
5.0	12.684	33.236	25.089	286.44	0.014	0.241
10.0	12.662	33.243	25.099	285.59	0.029	0.242
15.0	12.654	33.247	25.104	285.26	0.043	0.244
20.0	12.606	33.258	25.122	283.67	0.057	0.243
25.0	12.499	33.268	25.151	281.08	0.071	0.229
30.0	12.392	33.258	25.163	280.02	0.085	0.200
40.0	12.347	33.319	25.220	274.89	0.113	0.239
50.0	10.362	33.172	25.465	251.61	0.140	-0.248
60.0	9.781	33.315	25.674	231.90	0.164	-0.235
70.0	9.690	33.491	25.827	217.58	0.187	-0.110
80.0	9.533	33.600	25.938	207.22	0.208	-0.049
100.0	9.354	33.816	26.137	188.74	0.247	0.093
120.0	9.223	33.906	26.229	180.42	0.284	0.142
140.0	8.977	33.955	26.306	173.41	0.319	0.141
160.0	8.732	33.998	26.379	166.86	0.353	0.135
180.0	8.626	34.048	26.435	161.91	0.386	0.158
200.0	8.488	34.093	26.491	156.86	0.418	0.172
250.0	7.772	34.092	26.598	147.35	0.494	0.063
300.0	7.367	34.117	26.676	140.51	0.566	0.024
350.0	6.860	34.142	26.767	132.43	0.634	-0.027
400.0	6.649	34.185	26.829	127.10	0.699	-0.022
450.0	6.089	34.174	26.894	121.20	0.761	-0.104
500.0	5.872	34.220	26.958	115.60	0.820	-0.095
550.0	5.610	34.259	27.021	109.96	0.877	-0.097
600.0	5.298	34.298	27.090	103.72	0.930	-0.104
650.0	5.123	34.316	27.125	100.77	0.981	-0.110
700.0	4.837	34.344	27.180	95.70	1.030	-0.121
750.0	4.687	34.357	27.208	93.43	1.078	-0.128
755.6	4.684	34.359	27.210	93.29	1.083	-0.126

STATION: 1 DATE: 2/ 3/89 0406 GMT

LAT: 36 20.4 N. LON: 122 55.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.178	33.606	25.659	232.19	0.007	0.245
5.0	11.127	33.602	25.665	231.66	0.012	0.233
10.0	11.093	33.599	25.669	231.38	0.023	0.224
15.0	11.071	33.619	25.688	229.66	0.035	0.236
20.0	11.066	33.627	25.696	229.05	0.046	0.241
25.0	11.057	33.627	25.697	229.05	0.058	0.239
30.0	11.021	33.630	25.706	228.28	0.069	0.235
40.0	10.977	33.649	25.729	226.34	0.092	0.242
47.0	10.879	33.668	25.761	223.46	0.108	0.239

STATION: 2 DATE: 2/ 3/89 0441 GMT

LAT: 36 20.4 N. LON: 121 58.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.319	33.542	25.583	239.35	0.007	0.221
5.0	11.289	33.550	25.595	238.28	0.012	0.221
10.0	11.044	33.606	25.683	230.06	0.024	0.221
15.0	10.986	33.620	25.704	228.14	0.035	0.221
20.0	10.984	33.620	25.705	228.22	0.046	0.221
25.0	10.979	33.624	25.709	227.94	0.058	0.223
30.0	10.967	33.627	25.714	227.59	0.069	0.223
40.0	10.789	33.689	25.794	220.21	0.092	0.240
50.0	10.767	33.696	25.803	219.56	0.114	0.241
60.0	10.764	33.699	25.806	219.51	0.136	0.243
70.0	10.745	33.703	25.813	219.07	0.158	0.243
80.0	10.737	33.704	25.815	219.07	0.179	0.242
101.0	10.534	33.741	25.880	213.39	0.225	0.234

STATION: 3 DATE: 2/ 3/89 0523 GMT

LAT: 36 20.4 N. LON: 122 1.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.319	33.506	25.555	242.01	0.007	0.192
5.0	11.318	33.506	25.556	242.04	0.012	0.192
10.0	11.316	33.507	25.557	242.01	0.024	0.193
15.0	11.294	33.515	25.567	241.18	0.036	0.194
20.0	11.240	33.529	25.588	239.28	0.048	0.196
25.0	11.064	33.584	25.662	232.34	0.060	0.206
30.0	10.910	33.639	25.733	225.74	0.072	0.222
40.0	10.868	33.665	25.761	223.31	0.094	0.235
50.0	10.866	33.666	25.762	223.42	0.116	0.235
60.0	10.875	33.668	25.763	223.64	0.139	0.238
70.0	10.883	33.678	25.769	223.29	0.161	0.247
80.0	10.739	33.707	25.817	218.87	0.183	0.244
100.0	10.553	33.741	25.877	213.65	0.226	0.238
120.0	10.148	33.777	25.975	204.71	0.268	0.195
131.0	9.551	33.863	26.142	188.98	0.290	0.161

STATION: 4 DATE: 2/ 3/89 0606 GMT

LAT: 36 20.3 N. LON: 122 4.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.522	33.361	25.406	256.25	0.008	0.115
5.0	11.522	33.377	25.418	255.11	0.013	0.127
10.0	11.494	33.396	25.438	253.34	0.026	0.137
15.0	11.353	33.457	25.511	246.48	0.038	0.159
20.0	11.273	33.485	25.548	243.15	0.050	0.167
25.0	10.951	33.621	25.711	227.69	0.062	0.215
30.0	10.922	33.638	25.730	226.01	0.073	0.224
40.0	10.805	33.694	25.794	220.15	0.096	0.246
50.0	10.691	33.719	25.835	216.55	0.118	0.246
60.0	10.566	33.737	25.870	213.38	0.139	0.237
70.0	10.467	33.755	25.902	210.57	0.160	0.234
80.0	10.424	33.759	25.912	209.81	0.181	0.229
100.0	10.247	33.763	25.946	206.99	0.223	0.201
120.0	9.775	33.796	26.053	197.26	0.263	0.146
140.0	9.461	33.865	26.158	187.56	0.302	0.148
160.0	8.752	34.027	26.398	165.01	0.336	0.162
180.0	8.562	34.018	26.421	163.15	0.369	0.125
200.0	8.412	34.042	26.463	159.52	0.401	0.120
250.0	7.956	34.084	26.565	150.53	0.478	0.084
300.0	7.136	34.145	26.731	135.24	0.549	0.014
309.0	7.036	34.152	26.750	133.49	0.562	0.005

STATION: 5 DATE: 2/ 3/89 0641 GMT

LAT: 36 20.3 N. LON: 122 7.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.340	33.330	25.415	255.39	0.008	0.056
5.0	11.359	33.339	25.418	255.10	0.013	0.067
10.0	11.323	33.359	25.441	253.08	0.025	0.076
15.0	11.292	33.364	25.450	252.31	0.038	0.074
20.0	11.260	33.368	25.459	251.58	0.051	0.071
25.0	11.191	33.373	25.476	250.12	0.063	0.062
30.0	11.218	33.408	25.498	248.07	0.076	0.095
40.0	11.199	33.493	25.568	241.68	0.100	0.159
50.0	11.072	33.531	25.620	236.95	0.124	0.165
60.0	10.568	33.589	25.755	224.36	0.147	0.120
70.0	10.408	33.757	25.913	209.48	0.169	0.225
80.0	10.307	33.769	25.941	207.10	0.190	0.217
100.0	10.194	33.781	25.970	204.75	0.231	0.207
120.0	9.900	33.811	26.043	198.20	0.271	0.179
140.0	9.510	33.915	26.190	184.62	0.310	0.196
160.0	9.052	33.961	26.300	174.44	0.346	0.157
180.0	9.040	33.986	26.321	172.81	0.381	0.174
200.0	8.663	34.047	26.429	162.86	0.414	0.163
250.0	8.090	34.095	26.554	151.66	0.493	0.113
300.0	7.227	34.140	26.714	136.88	0.566	0.023
350.0	6.748	34.173	26.806	128.61	0.631	-0.018
400.0	6.284	34.210	26.897	120.36	0.693	-0.050
450.0	6.075	34.222	26.934	117.41	0.753	-0.067
500.0	5.863	34.260	26.991	112.52	0.811	-0.065
550.0	5.646	34.275	27.030	109.20	0.866	-0.080
600.0	5.521	34.287	27.055	107.32	0.920	-0.086
650.0	5.434	34.298	27.074	106.01	0.973	-0.088
663.0	5.385	34.302	27.083	105.24	0.987	-0.091

STATION: 6 DATE: 2/ 3/89 0818 GMT

LAT: 36 20.4 N. LON: 122 12.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.493	33.202	25.287	267.50	0.008	-0.017
5.0	11.492	33.205	25.290	267.31	0.013	-0.015
10.0	11.434	33.237	25.326	264.02	0.027	0.000
15.0	11.273	33.303	25.406	256.49	0.040	0.022
20.0	11.017	33.334	25.476	249.91	0.052	0.000
25.0	10.820	33.377	25.545	243.53	0.065	-0.002
30.0	11.044	33.496	25.598	238.62	0.077	0.133
40.0	10.903	33.555	25.669	232 07	0.100	0.154
50.0	10.715	33.599	25.737	225.86	0.123	0.155
60.0	10.269	33.693	25.888	211.68	0.145	0.151
70.0	9.974	33.748	25.980	203.07	0.166	0.143
80.0	9.945	33.797	26.024	199.13	0.186	0.177
100.0	9.830	33.862	26.095	192.86	0.226	0.208
120.0	9.371	33.891	26.193	183.87	0.263	0.154
140.0	8.696	33.876	26.289	174.98	0.299	0.034
160.0	8.426	33.939	26.379	166.68	0.333	0.041
180.0	8.197	33.958	26.430	162.21	0.366	0.022
200.0	7.849	33.994	26.509	154.89	0.398	-0.002
250.0	7.301	34.017	26.607	146.24	0.473	-0.063
300.0	7.451	34.152	26.692	139.11	0.544	0.063
350.0	7.094	34.144	26.737	135.45	0.613	0.007
400.0	6.444	34.191	26.861	123.92	0.678	-0.044
450.0	6.233	34.219	26.911	119.69	0.739	-0.050
500.0	5.935	34.257	26.979	113.67	0.797	-0.058
550.0	5.641	34.275	27.031	109.14	0.853	-0.080
600.0	5.446	34.288	27.065	106.29	0.906	-0.094
650.0	5.180	34.311	27.115	101.81	0.958	-0.107
700.0	5.026	34.333	27.150	98.85	1.008	-0.108
750.0	4.838	34.356	27.190	95.31	1.056	-0.111
800.0	4.719	34.375	27.219	92.95	1.103	-0.110
901.0	4.153	34.440	27.332	82.26	1.191	-0.120

STATION: 7 DATE: 2/ 3/89 0923 GMT

LAT: 36 20 4 N. LON: 122 14.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.394	33.255	25.347	261.87	0.008	0.006
5.0	11.394	33.255	25.347	261.91	0.013	0.006
10.0	11.394	33.259	25.350	261.72	0.026	0.009
15.0	11.271	33.338	25.434	253.87	0.039	0.049
20.0	11.147	33.358	25.472	250.34	0.052	0.043
25.0	11.171	33.395	25.496	248.15	0.064	0.076
30.0	10.927	33.432	25.569	241.34	0.076	0.061
40.0	10.794	33.452	25.608	237.86	0.100	0.052
50.0	10.836	33.560	25.685	230.75	0.124	0.146
60.0	10.777	33.575	25.708	228.85	0.147	0.147
70.0	9.965	33.644	25.901	210.62	0.169	0.059
80.0	9.644	33.655	25.963	204.89	0.190	0.013
100.0	9.345	33.758	26.092	192.94	0.230	0.045
120.0	9.083	33.850	26.207	182.45	0.267	0.075
140.0	8.538	33.909	26.339	170.17	0.302	0.035
160.0	8.233	33.956	26.422	162.58	0.336	0.025
180.0	7.996	33.992	26.486	156.82	0.368	0.018
200.0	7.766	34.001	26.527	153.15	0.399	-0.009
250.0	7.471	34.060	26.616	145.44	0.473	-0.006
300.0	7.234	34.159	26.728	135.56	0.544	0.038
350.0	6.688	34.182	26.822	127.10	0.610	-0.018
400.0	6.371	34.209	26.885	121.61	0.672	-0.040
450.0	6.172	34.241	26.936	117.29	0.732	-0.040
500.0	6.016	34.259	26.971	114.57	0.789	-0.046
550.0	5.667	34.288	27.037	108.55	0.845	-0.067
600.0	5.347	34.293	27.081	104.68	0.899	-0.101
650.0	5.236	34.305	27.103	103.00	0.951	-0.106
700.0	5.136	34.316	27.124	101.44	1.002	-0.109
750.0	4.860	34.351	27.184	95.95	1.051	-0.113
800.0	4.596	34.385	27.241	90.70	1.097	-0.115
991.0	3.889	34.468	27.382	77.82	1.259	-0.125

STATION: 8 DATE: 2/ 3/89 1253 GMT

LAT: 36 20.3 N. LON: 122 18.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.284	33.434	25.506	246.73	0.007	0.128
5.0	11.294	33.437	25.506	246.73	0.012	0.133
10.0	11.319	33.461	25.521	245.46	0.025	0.157
15.0	11.311	33.471	25.530	244.72	0.037	0.162
20.0	11.306	33.492	25.548	243.17	0.049	0.179
25.0	11.308	33.505	25.557	242.38	0.061	0.189
30.0	11.298	33.505	25.559	242.31	0.073	0.187
40.0	11.250	33.512	25.574	241.15	0.098	0.184
50.0	11.140	33.518	25.598	239.03	0.122	0.168
60.0	10.393	33.603	25.796	220.38	0.145	0.101
70.0	9.924	33.710	25.959	205.07	0.166	0.104
80.0	9.515	33.773	26.077	194.08	0.186	0.086
100.0	9.114	33.791	26.156	186.89	0.224	0.034
120.0	8.956	33.846	26.224	180.78	0.261	0.052
140.0	8.739	33.903	26.303	173.66	0.297	0.062
160.0	8.475	33.935	26.369	167.66	0.331	0.046
180.0	8.185	33.975	26.445	160.77	0.364	0.033
200.0	7.933	33.986	26.491	156.68	0.395	0.004
250.0	7.712	34.114	26.624	144.83	0.470	0.072
300.0	7.135	34.129	26.718	136.42	0.541	0.001
350.0	6.749	34.170	26.804	128.85	0.607	-0.020
400.0	6.463	34.203	26.868	123.24	0.670	-0.032
450.0	6.244	34.233	26.921	118.79	0.731	-0.037
500.0	5.966	34.256	26.975	114.14	0.789	-0.055
550.0	5.641	34.279	27.034	108.85	0.844	-0.077
600.0	5.257	34.303	27.099	102.85	0.897	-0.104
650.0	5.133	34.319	27.126	100.68	0.948	-0.107
700.0	4.961	34.339	27.162	97.60	0.997	-0.111
739.0	4.735	34.367	27.210	93.15	1.035	-0.114

STATION: 9 DATE: 2/ 3/89 1400 GMT

LAT: 36 20.3 N. LON: 122 21.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.231	33.358	25.456	251.44	0.008	0.058
5.0	11.235	33.358	25.455	251.56	0.013	0.059
10.0	11.241	33.359	25.455	251.70	0.025	0.061
15.0	11.265	33.375	25.464	251.03	0.038	0.078
20.0	11.341	33.418	25.484	249.24	0.050	0.126
25.0	11.320	33.462	25.521	245.76	0.063	0.157
30.0	11.173	33.464	25.550	243.15	0.075	0.131
40.0	11.008	33.469	25.583	240.22	0.099	0.105
50.0	10.828	33.506	25.644	234.64	0.123	0.101
60.0	10.600	33.553	25.721	227.55	0.146	0.097
70.0	9.924	33.729	25.974	203.66	0.167	0.119
80.0	9.717	33.774	26.044	197.22	0.187	0.120
100.0	9.087	33.804	26.170	185.56	0.225	0.039
120.0	8.861	33.852	26.244	178.88	0.262	0.041
140.0	8.445	33.941	26.378	166.42	0.296	0.046
160.0	8.227	33.995	26.454	159.56	0.329	0.056
180.0	8.052	34.012	26.493	156.10	0.361	0.043
200.0	8.005	34.071	26.547	151.37	0.391	0.082
250.0	7.827	34.141	26.629	144.47	0.465	0.110
300.0	7.166	34.123	26.709	137.29	0.536	0.000
350.0	6.658	34.155	26.804	128.72	0.602	-0.043
400.0	6.339	34.185	26.870	122.94	0.665	-0.062
450.0	6.171	34.233	26.930	117.87	0.725	-0.047
500.0	5.916	34.257	26.982	113.38	0.783	-0.060
550.0	5.671	34.271	27.024	109.82	0.839	-0.080
600.0	5.343	34.285	27.074	105.26	0.892	-0.109
650.0	5.162	34.309	27.115	101.77	0.944	-0.111
700.0	4.901	34.334	27.165	97.19	0.993	-0.121
750.0	4.643	34.366	27.220	92.18	1.041	-0.125
800.0	4.413	34.393	27.267	87.89	1.086	-0.129
1000.0	3.975	34.453	27.361	80.04	1.255	-0.129
1171.0	3.568	34.490	27.433	73.81	1.386	-0.141

STATION: 10 DATE: 2/ 3/89 1630 GMT

LAT: 36 20.0 N. LON: 122 25.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.230	33.426	25.509	246.40	0.007	0.112
5.0	11.233	33.432	25.513	246.05	0.012	0.117
10.0	11.240	33.437	25.516	245.91	0.025	0.122
15.0	11.246	33.439	25.517	245.97	0.037	0.125
20.0	11.242	33.448	25.525	245.31	0.049	0.132
25.0	11.218	33.501	25.570	241.12	0.061	0.169
30.0	11.192	33.506	25.579	240.38	0.073	0.168
40.0	10.726	33.607	25.741	225.21	0.097	0.164
50.0	10.312	33.645	25.843	215.75	0.119	0.120
60.0	10.028	33.695	25.930	207.66	0.140	0.110
70.0	9.734	33.721	25.999	201.22	0.160	0.081
80.0	9.481	33.750	26.064	195.29	0.180	0.061
100.0	9.149	33.803	26.160	186.54	0.218	0.049
120.0	8.787	33.915	26.305	173.10	0.254	0.080
140.0	8.481	33.954	26.383	165.99	0.288	0.062
160.0	8.263	33.968	26.427	162.13	0.321	0.039
180.0	8.136	34.029	26.494	156.05	0.352	0.069
200.0	7.977	34.072	26.552	150.90	0.383	0.079
250.0	7.378	34.079	26.644	142.73	0.456	-0.004
300.0	6.960	34.097	26.717	136.37	0.526	-0.048
350.0	6.566	34.138	26.803	128.75	0.592	-0.069
400.0	6.314	34.202	26.887	121.39	0.654	-0.052
450.0	6.107	34.239	26.943	116.56	0.714	-0.050
500.0	5.925	34.256	26.980	113.58	0.771	-0.060
550.0	5.716	34.270	27.018	110.46	0.827	-0.075
600.0	5.303	34.276	27.072	105.42	0.881	-0.120
650.0	5.106	34.302	27.116	101.60	0.933	-0.123
700.0	4.876	34.340	27.173	96.48	0.983	-0.120
750.0	4.668	34.365	27.216	92.56	1.030	-0.123
800.0	4.534	34.382	27.245	90.17	1.076	-0.124
1000.0	3.821	34.453	27.377	78.17	1.244	-0.143
1200.0	3.437	34.495	27.449	72.11	1.395	-0.149
1400.0	3.071	34.531	27.514	66.44	1.532	-0.155
1600.0	2.652	34.567	27.581	60.00	1.659	-0.164
1607.0	2.629	34.569	27.584	59.65	1.663	-0.165

STATION: 11 DATE: 2/ 3/89 1853 GMT

LAT: 36 20.5 N. LON: 122 29.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.051	33.486	25.588	238.90	0.007	0.127
5.0	11.063	33.492	25.591	238.70	0.012	0.134
10.0	11.089	33.527	25.613	236.67	0.024	0.166
15.0	11.079	33.532	25.619	236.23	0.036	0.168
20.0	11.060	33.536	25.626	235.68	0.047	0.168
25.0	11.047	33.537	25.629	235.53	0.059	0.166
30.0	10.868	33.580	25.695	229.39	0.071	0.168
40.0	10.652	33.606	25.753	224.05	0.093	0.150
50.0	10.250	33.663	25.867	213.40	0.115	0.124
60.0	9.982	33.661	25.911	209.40	0.137	0.076
70.0	9.506	33.734	26.047	196.67	0.157	0.053
80.0	9.296	33.775	26.113	190.55	0.176	0.051
100.0	9.047	33.869	26.227	180.12	0.213	0.084
120.0	8.685	33.934	26.335	170.19	0.248	0.078
140.0	8.447	33.956	26.389	165.37	0.282	0.058
160.0	8.270	34.020	26.467	158.33	0.314	0.082
180.0	8.206	34.046	26.497	155.84	0.345	0.092
200.0	8.089	34.091	26.550	151.14	0.376	0.110
250.0	7.430	34.090	26.645	142.64	0.450	0.012
300.0	6.853	34.103	26.736	134.52	0.519	-0.058
350.0	6.574	34.145	26.807	128.38	0.585	-0.063
400.0	6.336	34.215	26.894	120.71	0.647	-0.039
450.0	6.073	34.240	26.948	116.08	0.706	-0.054
500.0	5.646	34.248	27.008	110.60	0.763	-0.100
550.0	5.430	34.251	27.037	108.26	0.818	-0.124
600.0	5.216	34.284	27.088	103.75	0.871	-0.124
650.0	5.062	34.307	27.125	100.65	0.922	-0.124
700.0	4.919	34.329	27.159	97.82	0.972	-0.123
750.0	4.705	34.358	27.206	93.57	1.019	-0.125
800.0	4.514	34.380	27.245	90.11	1.065	-0.128
1000.0	3.873	34.441	27.362	79.71	1.234	-0.148
1200.0	3.369	34.488	27.451	71.78	1.387	-0.161
1400.0	2.974	34.531	27.523	65.29	1.523	-0.164
1600.0	2.637	34.565	27.580	59.97	1.648	-0.167
1800.0	2.321	34.595	27.631	55.05	1.762	-0.171
1887.0	2.219	34.605	27.648	53.49	1.810	-0.172

STATION: 12 DATE: 2/ 4/89 0500 GMT

LAT: 36 20.0 N. LON: 122 33.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.945	33.572	25.674	230.74	0.007	0.176
5.0	10.952	33.573	25.673	230.83	0.012	0.178
10.0	10.955	33.574	25.674	230.91	0.023	0.179
15.0	10.969	33.581	25.677	230.74	0.035	0.187
20.0	11.017	33.610	25.691	229.49	0.046	0.219
25.0	11.027	33.628	25.703	228.46	0.058	0.235
30.0	11.005	33.633	25.712	227.79	0.069	0.235
40.0	10.883	33.642	25.740	225.30	0.092	0.219
50.0	10.580	33.689	25.830	216.96	0.114	0.202
60.0	10.024	33.742	25.968	204.07	0.135	0.147
70.0	9.328	33.719	26.064	195.01	0.155	0.012
80.0	9.169	33.762	26.124	189.52	0.174	0.020
100.0	8.969	33.851	26.225	180.27	0.211	0.058
120.0	8.827	33.930	26.310	172.63	0.246	0.097
140.0	8.748	34.007	26.383	166.07	0.280	0.145
160.0	8.392	34.034	26.459	159.12	0.312	0.111
180.0	8.250	34.035	26.482	157.31	0.344	0.090
200.0	8.114	34.050	26.514	154.51	0.375	0.082
250.0	7.604	34.059	26.596	147.39	0.450	0.013
300.0	7.040	34.111	26.717	136.46	0.521	-0.026
350.0	6.783	34.175	26.803	128.91	0.588	-0.011
400.0	6.209	34.171	26.876	122.33	0.650	-0.090
450.0	5.892	34.197	26.937	116.91	0.710	-0.110
500.0	5.715	34.221	26.978	113.48	0.767	-0.113
550.0	5.577	34.275	27.038	108.32	0.822	-0.088
600.0	5.350	34.298	27.084	104.35	0.876	-0.097
650.0	5.092	34.314	27.127	100.50	0.927	-0.115
700.0	4.846	34.337	27.174	96.30	0.976	-0.125
750.0	4.736	34.356	27.201	94.09	1.023	-0.123
800.0	4.508	34.378	27.244	90.19	1.069	-0.131
1000.0	3.877	34.436	27.358	80.09	1.240	-0.151
1200.0	3.281	34.488	27.458	70.79	1.391	-0.169
1400.0	2.991	34.519	27.511	66.41	1.527	-0.172
1600.0	2.732	34.548	27.559	62.35	1.656	-0.173
1800.0	2.371	34.584	27.619	56.46	1.774	-0.176
2000.0	2.119	34.611	27.662	52.30	1.883	-0.175
2200.0	2.007	34.627	27.684	50.61	1.985	-0.173
2279.0	1.967	34.630	27.690	50.19	2.025	-0.174

STATION: 13 DATE: 2/ 4/89 0711 GMT

LAT: 36 19.9 N. LON: 122 35.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.962	33.528	25.637	234.28	0.007	0.144
5.0	10.962	33.528	25.637	234.33	0.012	0.144
10.0	10.962	33.528	25.637	234.40	0.023	0.144
15.0	10.954	33.533	25.642	234.03	0.035	0.146
20.0	10.856	33.583	25.699	228.78	0.047	0.168
25.0	10.920	33.611	25.709	227.90	0.058	0.202
30.0	10.861	33.613	25.722	226.83	0.069	0.193
40.0	10.763	33.655	25.772	222.31	0.092	0.208
50.0	10.638	33.693	25.824	217.59	0.114	0.216
60.0	10.447	33.719	25.877	212.69	0.135	0.202
70.0	9.903	33.740	25.986	202.52	0.156	0.124
80.0	9.565	33.740	26.042	197.34	0.176	0.067
100.0	9.285	33.868	26.188	183.86	0.214	0.122
120.0	9.124	33.946	26.276	175.92	0.250	0.158
140.0	8.804	33.992	26.362	168.03	0.284	0.142
160.0	8.609	34.028	26.421	162.79	0.317	0.140
180.0	8.407	34.059	26.477	157.79	0.349	0.133
200.0	8.229	34.060	26.505	155.44	0.381	0.107
250.0	7.762	34.079	26.589	148.15	0.457	0.051
300.0	7.186	34.102	26.690	139.13	0.528	-0.013
350.0	6.605	34.122	26.785	130.49	0.595	-0.077
400.0	6.320	34.172	26.863	123.66	0.658	-0.075
450.0	6.118	34.207	26.916	119.11	0.719	-0.074
500.0	5.891	34.247	26.977	113.81	0.777	-0.071
550.0	5.539	34.278	27.045	107.63	0.833	-0.090
600.0	5.320	34.296	27.086	104.11	0.886	-0.102
650.0	5.085	34.339	27.148	98.60	0.936	-0.096
700.0	4.856	34.351	27.184	95.38	0.985	-0.113
750.0	4.595	34.376	27.233	90.90	1.031	-0.122
800.0	4.467	34.391	27.259	88.73	1.076	-0.125
1000.0	3.866	34.440	27.362	79.70	1.243	-0.150
1200.0	3.252	34.495	27.467	69.93	1.392	-0.166
1400.0	2.967	34.522	27.516	65.91	1.527	-0.172
1600.0	2.691	34.550	27.564	61.71	1.655	-0.175
1800.0	2.297	34.588	27.628	55.23	1.773	-0.178
2000.0	2.071	34.615	27.668	51.45	1.879	-0.176
2200.0	1.903	34.634	27.698	48.79	1.979	-0.175
2400.0	1.828	34.642	27.711	47.97	2.076	-0.175
2600.0	1.745	34.651	27.726	46.97	2.171	-0.175
2607.0	1.733	34.651	27.727	46.83	2.175	-0.176

STATION: 14 DATE: 2/ 4/89 1506 GMT

LAT: 36 20.0 N. LON: 122 38.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.882	33.605	25.711	227.23	0.007	0.190
5.0	10.883	33.605	25.711	227.29	0.011	0.191
10.0	10.885	33.605	25.710	227.43	0.023	0.191
15.0	10.892	33.613	25.715	227.07	0.034	0.198
20.0	10.886	33.629	25.729	225.90	0.045	0.210
25.0	10.803	33.656	25.765	222.60	0.057	0.216
30.0	10.736	33.681	25.796	219.73	0.068	0.224
40.0	10.469	33.717	25.872	212.79	0.089	0.205
50.0	10.356	33.739	25.908	209.51	0.110	0.203
60.0	10.159	33.797	25.988	202.20	0.131	0.214
70.0	9.820	33.817	26.060	195.48	0.151	0.171
80.0	9.572	33.846	26.124	189.60	0.170	0.152
100.0	9.341	33.905	26.208	181.95	0.208	0.161
120.0	8.913	33.918	26.287	174.81	0.243	0.101
140.0	8.647	33.981	26.378	166.50	0.277	0.109
160.0	8.423	34.002	26.429	161.96	0.310	0.091
180.0	8.286	34.071	26.505	155.12	0.342	0.124
200.0	8.054	34.087	26.552	150.92	0.373	0.101
250.0	7.309	34.086	26.660	141.22	0.445	-0.008
300.0	6.960	34.131	26.744	133.88	0.514	-0.022
350.0	6.764	34.170	26.802	129.05	0.580	-0.018
400.0	6.337	34.180	26.867	123.29	0.643	-0.066
450.0	6.065	34.212	26.927	118.02	0.703	-0.076
500.0	5.892	34.252	26.981	113.48	0.761	-0.067
550.0	5.577	34.255	27.022	109.82	0.817	-0.104
600.0	5.400	34.289	27.071	105.67	0.871	-0.099
650.0	5.079	34.320	27.134	99.90	0.922	-0.112
700.0	4.923	34.354	27.178	96.01	0.971	-0.103
750.0	4.655	34.385	27.233	90.95	1.018	-0.109
800.0	4.500	34.399	27.262	88.50	1.063	-0.115
1000.0	3.881	34.452	27.370	78.99	1.230	-0.139
1200.0	3.286	34.500	27.467	69.95	1.378	-0.159
1400.0	3.012	34.522	27.511	66.44	1.515	-0.168
1600.0	2.681	34.549	27.564	61.67	1.644	-0.176
1800.0	2.300	34.585	27.626	55.49	1.761	-0.180
2000.0	2.057	34.608	27.664	51.80	1.868	-0.182
2200.0	1.888	34.628	27.694	49.01	1.969	-0.180
2400.0	1.818	34.639	27.710	48.05	2.065	-0.178
2600.0	1.745	34.651	27.726	46.97	2.160	-0.175
2800.0	1.667	34.660	27.740	45.92	2.253	-0.175
3000.0	1.625	34.664	27.747	45.68	2.344	-0.176
3109.0	1.608	34.667	27.752	45.56	2.394	-0.176

STATION: 15 DATE: 2/ 4/89 1748 GMT

LAT: 36 19.8 N. LON: 122 42.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.0	10.861	33.560	25.679	230.17	0.002	0.151
5.0	10.861	33.560	25.680	230.25	0.012	0.151
10.0	10.861	33.560	25.680	230.36	0.023	0.151
15.0	10.861	33.560	25.680	230.47	0.035	0.151
20.0	10.861	33.560	25.680	230.58	0.046	0.151
25.0	10.861	33.562	25.681	230.53	0.058	0.152
30.0	10.696	33.564	25.712	227.73	0.069	0.124
40.0	10.625	33.587	25.743	225.05	0.092	0.129
50.0	10.456	33.624	25.801	219.71	0.114	0.129
60.0	10.144	33.669	25.890	211.42	0.135	0.110
70.0	9.754	33.734	26.007	200.54	0.156	0.095
80.0	9.596	33.752	26.047	196.91	0.176	0.082
100.0	9.309	33.864	26.182	184.49	0.214	0.123
120.0	8.936	33.951	26.310	172.67	0.250	0.132
140.0	8.625	34.002	26.398	164.57	0.284	0.123
160.0	8.483	34.048	26.456	159.42	0.316	0.136
180.0	8.253	34.093	26.527	153.01	0.347	0.137
200.0	7.949	34.068	26.553	150.78	0.378	0.071
250.0	7.426	34.104	26.657	141.51	0.451	0.023
300.0	7.157	34.154	26.735	134.87	0.520	0.024
350.0	6.815	34.181	26.803	128.92	0.586	-0.002
400.0	6.509	34.208	26.866	123.52	0.649	-0.022
450.0	6.099	34.226	26.934	117.46	0.709	-0.061
500.0	5.854	34.253	26.987	112.89	0.766	-0.071
550.0	5.614	34.276	27.034	108.76	0.822	-0.083
600.0	5.346	34.304	27.089	103.89	0.875	-0.093
650.0	5.131	34.331	27.136	99.76	0.926	-0.097
700.0	4.852	34.359	27.190	94.77	0.975	-0.107
750.0	4.628	34.382	27.234	90.81	1.021	-0.114
800.0	4.464	34.402	27.268	87.88	1.066	-0.117
1000.0	3.806	34.452	27.378	78.10	1.232	-0.146
1200.0	3.339	34.496	27.460	70.83	1.381	-0.157
1400.0	2.946	34.528	27.523	65.18	1.517	-0.169
1600.0	2.633	34.552	27.570	60.91	1.642	-0.178
1800.0	2.324	34.579	27.618	56.25	1.759	-0.183
2000.0	2.065	34.609	27.664	51.81	1.868	-0.181
2200.0	1.874	34.626	27.694	49.01	1.968	-0.183
2400.0	1.776	34.638	27.712	47.58	2.065	-0.182
2600.0	1.704	34.652	27.729	46.35	2.159	-0.177
2800.0	1.653	34.658	27.739	45.88	2.251	-0.178
3000.0	1.616	34.666	27.750	45.41	2.342	-0.175
3201.0	1.583	34.668	27.755	45.41	2.433	-0.177

STATION: 16 DATE: 2/ 5/89 0511 GMT

LAT: 36 20.0 N. LON: 122 48.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.913	33.554	25.666	231.53	0.007	0.156
5.0	10.913	33.554	25.666	231.57	0.012	0.156
10.0	10.916	33.554	25.665	231.74	0.023	0.156
15.0	10.916	33.554	25.665	231.84	0.035	0.156
20.0	10.918	33.555	25.666	231.90	0.046	0.157
25.0	10.910	33.557	25.669	231.73	0.058	0.157
30.0	10.882	33.561	25.677	231.03	0.070	0.155
40.0	10.626	33.572	25.731	226.13	0.092	0.118
50.0	10.454	33.596	25.780	221.71	0.115	0.106
60.0	10.274	33.665	25.865	213.85	0.137	0.129
70.0	9.984	33.751	25.981	203.01	0.158	0.147
80.0	9.610	33.816	26.094	192.42	0.178	0.135
100.0	9.023	33.899	26.254	177.53	0.215	0.104
120.0	8.743	33.984	26.366	167.32	0.249	0.127
140.0	8.599	34.026	26.421	162.43	0.282	0.137
160.0	8.454	34.058	26.468	158.26	0.314	0.140
180.0	8.249	34.077	26.515	154.18	0.345	0.123
200.0	7.857	34.068	26.566	149.50	0.376	0.057
250.0	7.481	34.117	26.660	141.34	0.448	0.041
300.0	7.123	34.150	26.736	134.69	0.517	0.016
350.0	6.807	34.186	26.809	128.41	0.583	0.001
400.0	6.526	34.219	26.873	122.89	0.646	-0.011
450.0	6.241	34.245	26.931	117.86	0.706	-0.028
500.0	5.876	34.252	26.983	113.28	0.764	-0.069
550.0	5.439	34.264	27.046	107.40	0.819	-0.113
600.0	5.139	34.280	27.094	103.10	0.871	-0.136
650.0	4.952	34.317	27.146	98.55	0.922	-0.128
700.0	4.816	34.341	27.180	95.64	0.970	-0.125
750.0	4.649	34.367	27.220	92.22	1.017	-0.124
800.0	4.440	34.398	27.268	87.85	1.062	-0.122
1000.0	3.858	34.451	27.372	78.79	1.228	-0.142
1200.0	3.370	34.498	27.458	71.09	1.378	-0.153
1400.0	2.996	34.526	27.516	65.96	1.514	-0.166
1600.0	2.654	34.556	27.571	60.87	1.640	-0.173
1800.0	2.274	34.586	27.628	55.11	1.757	-0.181
2000.0	2.056	34.608	27.664	51.78	1.863	-0.182
2200.0	1.903	34.625	27.691	49.45	1.964	-0.182
2400.0	1.796	34.638	27.710	47.88	2.061	-0.181
2600.0	1.713	34.648	27.726	46.72	2.156	-0.180
2800.0	1.666	34.656	27.737	46.21	2.248	-0.178
3000.0	1.630	34.664	27.747	45.72	2.340	-0.175
3025.0	1.609	34.665	27.749	45.46	2.352	-0.177

STATION: 17 DATE: 2/ 5/89 1653 GMT

LAT: 36 20.0 N. LON: 122 55.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.759	33.547	25.687	229.46	0.007	0.122
5.0	10.759	33.547	25.687	229.50	0.011	0.122
10.0	10.764	33.547	25.687	229.69	0.023	0.123
15.0	10.770	33.547	25.686	229.90	0.034	0.124
20.0	10.771	33.547	25.686	230.02	0.046	0.124
25.0	10.771	33.547	25.686	230.13	0.057	0.124
30.0	10.771	33.546	25.685	230.30	0.069	0.123
40.0	10.772	33.546	25.685	230.54	0.092	0.123
50.0	10.744	33.552	25.695	229.83	0.115	0.123
60.0	10.526	33.587	25.760	223.81	0.138	0.111
70.0	10.193	33.711	25.915	209.32	0.160	0.152
80.0	9.665	33.748	26.032	198.29	0.180	0.091
100.0	9.135	33.851	26.199	182.77	0.218	0.085
120.0	8.736	33.928	26.322	171.41	0.253	0.081
140.0	8.568	34.006	26.410	163.46	0.287	0.117
160.0	8.372	34.052	26.476	157.49	0.319	0.122
180.0	7.935	34.032	26.526	152.93	0.350	0.041
200.0	7.816	34.081	26.583	147.91	0.380	0.062
250.0	7.394	34.125	26.678	139.54	0.452	0.035
300.0	7.117	34.166	26.750	133.42	0.520	0.028
350.0	6.799	34.197	26.819	127.48	0.585	0.009
400.0	6.469	34.219	26.880	122.13	0.647	-0.019
450.0	6.062	34.242	26.951	115.75	0.707	-0.053
500.0	5.843	34.266	26.998	111.81	0.763	-0.062
550.0	5.351	34.252	27.047	107.20	0.818	-0.133
600.0	5.115	34.289	27.104	102.10	0.870	-0.131
650.0	4.970	34.317	27.143	98.82	0.921	-0.127
700.0	4.746	34.341	27.188	94.79	0.969	-0.133
750.0	4.548	34.371	27.234	90.71	1.016	-0.131
800.0	4.414	34.390	27.264	88.12	1.060	-0.131
1000.0	3.826	34.459	27.381	77.82	1.225	-0.139
1200.0	3.316	34.504	27.468	69.97	1.373	-0.153
1400.0	2.936	34.527	27.522	65.18	1.508	-0.171
1600.0	2.542	34.564	27.587	58.96	1.632	-0.176
1800.0	2.220	34.591	27.637	54.10	1.745	-0.182
2000.0	2.022	34.612	27.670	51.07	1.850	-0.182
2200.0	1.870	34.627	27.695	48.88	1.950	-0.183
2400.0	1.772	34.641	27.714	47.36	2.046	-0.180
2600.0	1.714	34.651	27.728	46.55	2.140	-0.177
2800.0	1.672	34.658	27.738	46.14	2.233	-0.176
3000.0	1.635	34.663	27.746	45.86	2.325	-0.176
3200.0	1.602	34.668	27.754	45.68	2.416	-0.176
3299.0	1.579	34.668	27.756	45.64	2.461	-0.178

STATION: 18 DATE: 2/ 6/89 0048 GMT

LAT: 36 20.1 N. LON: 123 1.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.047	33.543	25.633	234.62	0.007	0.171
5.0	11.049	33.543	25.633	234.69	0.012	0.172
10.0	11.052	33.541	25.631	234.97	0.023	0.171
15.0	11.052	33.541	25.631	235.11	0.035	0.170
20.0	11.048	33.541	25.632	235.15	0.047	0.170
25.0	11.051	33.541	25.631	235.30	0.059	0.170
30.0	11.050	33.541	25.632	235.40	0.071	0.170
40.0	11.043	33.541	25.633	235.46	0.094	0.169
50.0	11.016	33.537	25.635	235.51	0.118	0.160
60.0	10.865	33.587	25.701	229.49	0.141	0.172
70.0	10.274	33.650	25.853	215.19	0.163	0.117
80.0	9.708	33.720	26.003	201.04	0.184	0.076
100.0	9.121	33.842	26.194	183.26	0.222	0.075
120.0	8.905	33.913	26.284	175.06	0.258	0.096
140.0	8.475	33.980	26.404	163.97	0.292	0.082
160.0	8.231	34.005	26.461	158.88	0.324	0.064
180.0	8.125	34.036	26.501	155.40	0.355	0.072
200.0	8.097	34.086	26.545	151.59	0.386	0.108
250.0	7.611	34.118	26.642	143.10	0.459	0.060
300.0	7.208	34.153	26.727	135.65	0.529	0.030
350.0	6.806	34.192	26.814	127.95	0.595	0.006
400.0	6.421	34.222	26.889	121.28	0.657	-0.022
450.0	5.974	34.220	26.945	116.29	0.716	-0.082
500.0	5.462	34.197	26.990	112.09	0.773	-0.163
550.0	5.322	34.253	27.051	106.80	0.828	-0.136
600.0	5.281	34.321	27.111	101.77	0.880	-0.087
650.0	4.973	34.340	27.161	97.14	0.930	-0.108
700.0	4.782	34.365	27.203	93.44	0.978	-0.110
750.0	4.525	34.378	27.242	89.87	1.023	-0.128
800.0	4.371	34.400	27.276	86.91	1.068	-0.128
1000.0	3.780	34.470	27.394	76.47	1.231	-0.135
1200.0	3.307	34.502	27.467	70.02	1.377	-0.155
1400.0	2.965	34.538	27.528	64.71	1.511	-0.160
1600.0	2.574	34.563	27.584	59.41	1.635	-0.174
1800.0	2.258	34.590	27.632	54.66	1.749	-0.180
2000.0	2.027	34.611	27.669	51.20	1.855	-0.182
2200.0	1.882	34.628	27.695	48.97	1.955	-0.181
2400.0	1.804	34.644	27.715	47.51	2.051	-0.175
2600.0	1.731	34.651	27.727	46.78	2.146	-0.176
2800.0	1.654	34.659	27.740	45.83	2.238	-0.177
3000.0	1.605	34.667	27.751	45.19	2.329	-0.175
3147.0	1.590	34.669	27.755	45.28	2.395	-0.176

STATION: 19 DATE: 2/ 6/89 0541 GMT

LAT: 36 15.8 N. LON: 123 11.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.038	33.547	25.638	234.17	0.007	0.173
5.0	11.038	33.547	25.638	234.21	0.012	0.173
10.0	11.038	33.547	25.638	234.32	0.023	0.173
15.0	11.038	33.547	25.638	234.42	0.035	0.173
20.0	11.041	33.547	25.638	234.59	0.047	0.173
25.0	11.046	33.547	25.637	234.77	0.059	0.174
30.0	11.047	33.547	25.637	234.90	0.070	0.174
40.0	11.050	33.547	25.637	235.16	0.094	0.174
50.0	10.884	33.598	25.706	228.80	0.117	0.184
60.0	10.017	33.753	25.977	203.19	0.139	0.154
70.0	9.712	33.798	26.063	195.17	0.158	0.138
80.0	9.480	33.851	26.143	187.74	0.178	0.141
100.0	9.030	33.954	26.296	173.56	0.214	0.149
120.0	8.667	34.005	26.394	164.61	0.247	0.132
140.0	8.513	34.036	26.442	160.42	0.280	0.132
160.0	8.304	34.076	26.505	154.71	0.311	0.131
180.0	7.941	34.080	26.563	149.45	0.342	0.080
200.0	7.676	34.095	26.614	144.90	0.371	0.053
250.0	7.326	34.152	26.709	136.55	0.442	0.047
300.0	7.021	34.190	26.782	130.32	0.508	0.033
350.0	6.800	34.217	26.834	126.02	0.572	0.024
400.0	6.468	34.237	26.894	120.82	0.634	-0.005
450.0	6.144	34.255	26.951	115.89	0.693	-0.033
500.0	5.819	34.276	27.009	110.72	0.750	-0.057
550.0	5.385	34.279	27.064	105.62	0.804	-0.107
600.0	5.085	34.304	27.120	100.61	0.855	-0.123
650.0	4.942	34.347	27.170	96.24	0.905	-0.106
700.0	4.743	34.355	27.200	93.71	0.952	-0.122
750.0	4.568	34.373	27.234	90.75	0.998	-0.127
800.0	4.421	34.401	27.272	87.43	1.043	-0.122
1000.0	3.820	34.473	27.393	76.71	1.207	-0.128
1200.0	3.360	34.514	27.472	69.79	1.352	-0.141
1400.0	2.848	34.544	27.544	62.85	1.485	-0.165
1600.0	2.556	34.569	27.590	58.75	1.606	-0.171
1800.0	2.284	34.594	27.634	54.64	1.719	-0.174
2000.0	2.049	34.614	27.670	51.22	1.825	-0.178
2200.0	1.899	34.631	27.696	48.96	1.925	-0.177
2400.0	1.796	34.645	27.716	47.37	2.021	-0.175
2600.0	1.700	34.652	27.730	46.26	2.115	-0.177
2800.0	1.656	34.658	27.739	45.92	2.207	-0.177
3000.0	1.611	34.666	27.750	45.35	2.298	-0.175
3200.0	1.578	34.671	27.758	45.12	2.388	-0.175
3353.0	1.573	34.672	27.760	45.42	2.457	-0.176

STATION: 20 DATE: 2/ 6/89 1023 GMT

LAT: 36 7.2 N. LON: 123 28.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.970	33.555	25.656	232.42	0.007	0.167
5.0	10.972	33.555	25.656	232.50	0.012	0.167
10.0	10.975	33.555	25.655	232.66	0.023	0.167
15.0	10.979	33.555	25.655	232.83	0.035	0.168
20.0	10.975	33.555	25.656	232.87	0.047	0.167
25.0	10.979	33.555	25.655	233.04	0.058	0.168
30.0	10.979	33.555	25.655	233.15	0.070	0.168
40.0	10.978	33.555	25.656	233.35	0.093	0.167
50.0	10.979	33.555	25.656	233.58	0.117	0.167
60.0	10.978	33.555	25.656	233.78	0.140	0.167
70.0	10.979	33.555	25.656	234.00	0.163	0.167
80.0	10.111	33.754	25.962	205.04	0.186	0.171
100.0	9.372	33.900	26.199	182.84	0.224	0.162
120.0	8.885	33.949	26.316	172.09	0.260	0.122
140.0	8.603	33.974	26.379	166.36	0.293	0.097
160.0	8.348	34.006	26.444	160.52	0.326	0.083
180.0	8.198	34.045	26.498	155.76	0.358	0.091
200.0	7.989	34.069	26.547	151.33	0.388	0.078
250.0	7.729	34.136	26.639	143.44	0.462	0.092
300.0	7.348	34.169	26.720	136.40	0.532	0.062
350.0	6.993	34.202	26.796	129.80	0.598	0.038
400.0	6.588	34.243	26.883	121.97	0.661	0.016
450.0	6.182	34.255	26.946	116.35	0.721	-0.028
500.0	5.807	34.290	27.022	109.54	0.777	-0.047
550.0	5.396	34.298	27.078	104.34	0.831	-0.091
600.0	5.130	34.310	27.119	100.75	0.882	-0.114
650.0	4.886	34.339	27.170	96.15	0.932	-0.119
700.0	4.736	34.371	27.213	92.47	0.979	-0.111
750.0	4.558	34.392	27.250	89.22	1.024	-0.114
800.0	4.358	34.415	27.290	85.60	1.068	-0.117
1000.0	3.802	34.481	27.401	75.90	1.228	-0.124
1200.0	3.353	34.521	27.478	69.16	1.373	-0.136
1400.0	2.926	34.548	27.540	63.48	1.505	-0.155
1600.0	2.578	34.577	27.595	58.38	1.626	-0.163
1800.0	2.267	34.600	27.640	54.03	1.738	-0.171
2000.0	2.063	34.615	27.669	51.31	1.844	-0.176
2200.0	1.909	34.631	27.695	49.04	1.944	-0.176
2400.0	1.816	34.642	27.712	47.85	2.041	-0.176
2600.0	1.734	34.650	27.726	46.89	2.135	-0.177
2800.0	1.684	34.659	27.738	46.23	2.229	-0.175
3000.0	1.625	34.665	27.748	45.61	2.320	-0.175
3200.0	1.585	34.672	27.758	45.15	2.411	-0.174
3400.0	1.560	34.678	27.766	44.93	2.501	-0.172
3585.0	1.535	34.681	27.771	44.87	2.584	-0.173

STATION: 23 DATE: 2/ 6/89 2006 GMT

LAT: 36 27.4 N. LON: 122 46 5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.990	33.399	25.531	244.30	0.007	0.046
5.0	10.990	33.400	25.532	244.27	0.012	0.047
10.0	10.978	33.402	25.536	243.99	0.024	0.047
15.0	11.031	33.493	25.597	238.30	0.037	0.128
20.0	11.009	33.542	25.640	234.37	0.048	0.164
25.0	10.956	33.582	25.680	230.66	0.060	0.185
30.0	10.946	33.619	25.711	227.82	0.071	0.213
40.0	10.666	33.683	25.810	218.63	0.094	0.213
50.0	10.280	33.686	25.880	212.23	0.115	0.147
60.0	9.916	33.752	25.993	201.63	0.136	0.136
70.0	9.788	33.803	26.054	196.01	0.156	0.155
80.0	9.621	33.903	26.160	186.14	0.175	0.206
100.0	9.085	33.891	26.238	179.08	0.212	0.108
120.0	8.703	33.990	26.377	166.26	0.246	0.126
140.0	8.567	34.064	26.456	159.10	0.279	0.163
160.0	8.379	34.087	26.503	154.95	0.310	0.152
180.0	8.195	34.116	26.553	150.48	0.340	0.146
200.0	8.003	34.126	26.590	147.30	0.370	0.125
250.0	7.538	34.145	26.674	140.03	0.442	0.071
300.0	6.971	34.152	26.759	132.43	0.510	-0.003
350.0	6.667	34.191	26.831	126.16	0.575	-0.014
400.0	6.375	34.217	26.891	121.07	0.635	-0.033
450.0	6.096	34.244	26.948	116.08	0.695	-0.048
500.0	5.799	34.270	27.007	110.91	0.752	-0.064
550.0	5.464	34.307	27.077	104.53	0.806	-0.076
600.0	5.194	34.340	27.136	99.28	0.857	-0.082
650.0	4.985	34.369	27.183	95.13	0.905	-0.084
700.0	4.763	34.395	27.229	91.02	0.952	-0.089
750.0	4.586	34.413	27.263	88.04	0.997	-0.094
800.0	4.373	34.422	27.294	85.30	1.040	-0.110
1000.0	3.859	34.480	27.395	76.65	1.202	-0.119
1200.0	3.341	34.516	27.475	69.42	1.347	-0.142
1400.0	2.960	34.543	27.533	64.24	1.481	-0.156
1600.0	2.591	34.574	27.591	58.80	1.603	-0.164
1800.0	2.244	34.597	27.639	53.98	1.716	-0.175
1867.0	2.172	34.601	27.649	53.12	1.752	-0.178

STATION: 24 DATE: 2/ 7/89 0036 GMT

LAT: 36 36.0 N. LON: 122 28.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.151	33.333	25.451	251.92	0.008	0.023
5.0	11.134	33.339	25.459	251.23	0.013	0.025
10.0	11.090	33.384	25.502	247.26	0.025	0.053
15.0	11.190	33.484	25.562	241.68	0.037	0.150
20.0	11.194	33.516	25.586	239.46	0.049	0.177
25.0	11.190	33.545	25.610	237.39	0.061	0.199
30.0	11.168	33.572	25.635	235.12	0.073	0.216
40.0	10.680	33.618	25.758	223.63	0.096	0.164
50.0	9.874	33.586	25.870	213.08	0.118	-0.002
60.0	9.566	33.686	26.000	200.95	0.139	0.025
70.0	9.371	33.771	26.098	191.79	0.159	0.060
80.0	9.137	33.810	26.167	185.47	0.177	0.053
100.0	8.936	33.903	26.271	175.91	0.213	0.094
120.0	8.697	33.976	26.367	167.21	0.248	0.114
140.0	8.617	34.023	26.416	162.89	0.281	0.138
160.0	8.323	34.037	26.472	157.84	0.313	0.103
180.0	7.969	34.057	26.541	151.59	0.344	0.065
200.0	7.745	34.047	26.566	149.47	0.374	0.024
250.0	7.355	34.114	26.675	139.82	0.446	0.021
300.0	7.224	34.197	26.759	132.59	0.514	0.067
350.0	6.691	34.213	26.845	124.88	0.579	0.006
400.0	6.423	34.237	26.900	120.19	0.640	-0.010
450.0	6.151	34.265	26.958	115.24	0.699	-0.024
500.0	5.814	34.282	27.014	110.26	0.755	-0.053
550.0	5.604	34.304	27.058	106.55	0.810	-0.062
600.0	5.321	34.323	27.107	102.12	0.862	-0.081
650.0	5.113	34.351	27.154	98.01	0.912	-0.083
700.0	4.943	34.381	27.198	94.26	0.960	-0.080
750.0	4.738	34.406	27.241	90.41	1.006	-0.083
800.0	4.591	34.417	27.267	88.27	1.051	-0.091
1000.0	4.030	34.473	27.372	79.21	1.218	-0.107
1200.0	3.516	34.510	27.454	71.90	1.369	-0.130
1400.0	3.017	34.549	27.533	64.51	1.504	-0.146
1600.0	2.617	34.578	27.592	58.78	1.627	-0.159
1800.0	2.361	34.597	27.630	55.39	1.740	-0.166
2000.0	2.065	34.622	27.675	50.87	1.847	-0.171
2105.0	1.972	34.629	27.688	49.64	1.900	-0.173

STATION: 25 DATE: 2/ 7/89 0300 GMT

LAT: 36 33.7 N. LON: 122 13.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.752	33.628	25.752	223.35	0.007	0.185
5.0	10.753	33.629	25.752	223.33	0.011	0.186
10.0	10.758	33.629	25.752	223.49	0.022	0.187
15.0	10.760	33.630	25.752	223.59	0.034	0.188
20.0	10.761	33.633	25.754	223.49	0.045	0.190
25.0	10.756	33.636	25.758	223.29	0.056	0.192
30.0	10.716	33.648	25.774	221.84	0.067	0.194
40.0	10.450	33.715	25.873	212.67	0.089	0.200
50.0	10.323	33.764	25.934	207.12	0.110	0.217
60.0	10.256	33.808	25.979	202.99	0.130	0.239
70.0	10.248	33.812	25.984	202.78	0.151	0.241
80.0	10.185	33.826	26.006	200.88	0.171	0.241
100.0	9.977	33.863	26.070	195.20	0.210	0.234
120.0	9.702	33.906	26.150	187.99	0.249	0.221
140.0	9.411	33.952	26.235	180.32	0.285	0.209
160.0	9.041	33.998	26.330	171.53	0.321	0.185
180.0	8.874	34.047	26.395	165.75	0.354	0.196
200.0	8.468	34.073	26.479	158.02	0.387	0.154
250.0	7.900	34.120	26.601	147.09	0.463	0.104
300.0	7.338	34.138	26.697	138.52	0.534	0.037
350.0	6.916	34.188	26.796	129.75	0.601	0.017
400.0	6.609	34.220	26.862	123.96	0.664	0.000
450.0	6.344	34.253	26.924	118.66	0.725	-0.009
500.0	5.923	34.262	26.985	113.11	0.783	-0.055
550.0	5.698	34.289	27.034	108.87	0.838	-0.063
600.0	5.438	34.318	27.089	104.00	0.892	-0.071
650.0	5.233	34.343	27.134	100.14	0.943	-0.076
700.0	5.020	34.365	27.176	96.37	0.992	-0.083
750.0	4.875	34.379	27.204	94.06	1.039	-0.089
800.0	4.667	34.406	27.249	90.04	1.086	-0.092
1000.0	3.923	34.479	27.387	77.49	1.254	-0.113
1200.0	3.418	34.517	27.469	70.22	1.402	-0.133
1400.0	2.872	34.558	27.553	62.14	1.535	-0.152
1600.0	2.543	34.582	27.601	57.64	1.655	-0.162
1800.0	2.310	34.599	27.636	54.58	1.766	-0.168
2000.0	2.016	34.623	27.679	50.16	1.870	-0.173
2200.0	1.899	34.634	27.698	48.70	1.970	-0.175
2317.0	1.826	34.643	27.711	47.60	2.026	-0.174

STATION: 26 DATE: 2/ 7/89 0841 GMT

LAT: 36 36.7 N. LON: 122 9.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.589	33.625	25.778	220.86	0.007	0.154
5.0	10.595	33.625	25.777	221.00	0.011	0.155
10.0	10.603	33.625	25.775	221.24	0.022	0.156
15.0	10.603	33.625	25.776	221.34	0.033	0.156
20.0	10.609	33.625	25.775	221.51	0.044	0.157
25.0	10.610	33.626	25.775	221.59	0.055	0.158
30.0	10.609	33.626	25.776	221.65	0.066	0.158
40.0	10.571	33.651	25.802	219.37	0.089	0.171
50.0	10.406	33.763	25.919	208.55	0.110	0.230
60.0	10.356	33.781	25.941	206.60	0.131	0.236
70.0	10.309	33.790	25.956	205.40	0.151	0.234
80.0	10.220	33.801	25.980	203.34	0.172	0.227
100.0	10.064	33.843	26.040	198.08	0.212	0.233
120.0	9.761	33.882	26.122	190.71	0.251	0.212
140.0	9.648	33.930	26.178	185.73	0.288	0.230
160.0	9.406	33.943	26.228	181.33	0.325	0.200
180.0	9.193	33.977	26.290	175.81	0.361	0.192
200.0	8.648	34.037	26.423	163.39	0.395	0.153
250.0	8.192	34.096	26.540	153.08	0.474	0.129
300.0	7.572	34.143	26.668	141.45	0.547	0.074
350.0	6.839	34.174	26.795	129.77	0.615	-0.005
400.0	6.626	34.244	26.879	122.38	0.678	0.022
450.0	6.305	34.264	26.938	117.30	0.738	-0.005
500.0	5.958	34.290	27.003	111.51	0.795	-0.029
550.0	5.672	34.295	27.042	108.08	0.850	-0.061
600.0	5.426	34.320	27.092	103.70	0.903	-0.071
650.0	5.178	34.347	27.144	99.11	0.953	-0.079
700.0	5.060	34.357	27.166	97.45	1.002	-0.085
750.0	4.916	34.375	27.196	94.90	1.051	-0.088
800.0	4.719	34.400	27.239	91.09	1.097	-0.090
1000.0	4.014	34.464	27.367	79.65	1.270	-0.116
1200.0	3.483	34.511	27.458	71.47	1.421	-0.132
1400.0	3.037	34.544	27.527	65.11	1.557	-0.149
1600.0	2.593	34.578	27.594	58.49	1.681	-0.161
1800.0	2.307	34.602	27.639	54.33	1.794	-0.166
2000.0	2.068	34.622	27.674	50.90	1.899	-0.171
2079.0	2.031	34.625	27.680	50.56	1.939	-0.172

STATION: 27 DATE: 2/ 7/89 1023 GMT

LAT: 36 43.4 N. LON: 122 14.3 W

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.755	33.566	25.703	227 99	0.007	0.137
5.0	10.768	33.567	25.701	228.17	0.011	0.140
10.0	10.765	33.567	25.702	228.23	0.023	0.139
15.0	10.766	33.567	25.702	228 35	0.034	0.139
20.0	10.758	33.567	25.703	228.32	0.046	0.138
25.0	10 767	33.568	25.703	228.50	0.057	0.140
30.0	10 756	33.567	25 704	228.46	0.068	0.137
40.0	10.761	33.568	25.704	228.72	0.091	0.138
50.0	10.629	33.646	25.789	220.92	0.114	0.177
60.0	10.287	33.795	25.964	204.47	0.135	0.234
70.0	10.216	33.803	25.983	202.88	0.155	0.228
80.0	10.123	33.819	26.011	200.38	0.175	0.225
100.0	10.022	33.838	26.044	197.73	0.215	0.222
120.0	9.818	33.871	26.104	192.43	0.254	0.213
140.0	9.723	33.905	26.147	188.74	0.292	0.224
160.0	9.646	33.926	26.176	186.36	0.330	0.227
180.0	9.448	33.952	26.229	181.70	0.367	0.214
200.0	9.170	34.003	26.314	173.91	0.403	0.209
250.0	8.495	34.084	26.484	158.47	0.485	0.166
300.0	7.902	34.124	26.605	147.63	0.561	0.107
350.0	7.076	34.170	26.759	133.31	0.632	0.025
400.0	6.680	34.210	26.845	125.63	0.697	0.002
450.0	6.422	34.244	26.906	120.38	0.758	-0.006
500.0	6.221	34.267	26.951	116.66	0.817	-0.014
550.0	5.749	34.268	27.012	111.07	0.874	-0.073
600.0	5.493	34.303	27.071	105.81	0.929	-0.077
650.0	5.376	34.322	27.101	103.46	0.981	-0.076
700.0	5.098	34.356	27.160	98.00	1.031	-0.082
750.0	4.929	34.376	27.196	94.98	1.079	-0.086
800.0	4.743	34.397	27.234	91.65	1.126	-0.090
1000.0	3.867	34.476	27.391	77.04	1.297	-0.121
1029.0	3.720	34.488	27.415	74.65	1.319	-0.127

STATION: 28 DATE: 2/ 7/89 1236 GMT

LAT: 36 45.3 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.556	33.610	25.772	221.42	0.007	0.136
5.0	10.556	33.610	25.772	221.46	0.011	0.136
10.0	10.567	33.610	25.770	221.75	0.022	0.138
15.0	10.580	33.610	25.768	222.07	0.033	0.140
20.0	10.585	33.610	25.767	222.26	0.044	0 141
25.0	10.580	33.610	25.768	222.27	0.055	0.140
30.0	10.583	33.610	25.768	222.43	0.067	0.140
40.0	10.581	33.610	25.768	222.60	0.089	0.140
50.0	10.423	33.698	25.865	213.65	0.111	0.182
60.0	10.254	33.745	25.931	207.59	0.132	0.189
70.0	10.102	33.767	25.974	203.68	0.152	0.180
80.0	9.954	33.791	26.018	199.75	0.173	0.173
100.0	9.901	33.803	26.037	198.37	0.212	0.174
120.0	9.812	33.825	26.069	195.71	0.252	0.176
140.0	8.975	33.961	26.311	172.93	0.288	0.145
160.0	8.657	34.038	26.421	162.77	0.322	0.155
180.0	8.518	34.058	26.459	159.55	0.354	0.149
200.0	8.322	34.069	26.498	156.14	0.385	0.128
250.0	7.904	34.100	26.585	148.59	0.462	0.089
300.0	7.594	34.125	26.651	143.10	0.535	0.063
350.0	7.154	34.152	26.734	135.72	0.605	0.021
400.0	6.717	34.188	26.823	127.80	0.671	-0.011
450.0	6.390	34.204	26.879	122.91	0.733	-0.042
500.0	6.161	34.223	26.924	119.14	0.793	-0.057
550.0	5.948	34.259	26.980	114.28	0.852	-0.055
600.0	5.600	34.299	27.055	107.44	0.907	-0.067
650.0	5.364	34.325	27.104	103.09	0.960	-0.075
700.0	5.223	34.345	27.137	100.39	1.011	-0.076
750.0	5.009	34.363	27.176	96.95	1.060	-0.087
800.0	4.873	34.377	27.203	94.74	1.108	-0.092
1000.0	4.669	34.395	27.243	92.83	1.295	-0.102
1037.0	4.297	34.430	27.310	85.98	1.328	-0.114

STATION: 29 DATE: 2/ 7/89 1430 GMT

LAT: 36 42.0 N. LON: 122 1.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.539	33.642	25.800	218.77	0.007	0.158
5.0	10.548	33.643	25.799	218.89	0.011	0.161
10.0	10.560	33.643	25.797	219.16	0.022	0.163
15.0	10.575	33.644	25.795	219.47	0.033	0.166
20.0	10.574	33.645	25.796	219.49	0.044	0.167
25.0	10.555	33.642	25.798	219.49	0.055	0.161
30.0	10.555	33.642	25.798	219.56	0.066	0.161
40.0	10.564	33.645	25.798	219.74	0.088	0.164
50.0	10.580	33.648	25.799	219.95	0.110	0.170
60.0	10.583	33.648	25.798	220.24	0.132	0.170
70.0	10.610	33.664	25.806	219.71	0.154	0.187
80.0	10.577	33.702	25.842	216.52	0.176	0.211
100.0	10.284	33.748	25.929	208.68	0.218	0.196
120.0	9.799	33.837	26.080	194.64	0.258	0.183
140.0	9.406	33.915	26.206	182.99	0.296	0.179
160.0	8.773	34.015	26.386	166.19	0.331	0.156
180.0	8.348	34.057	26.484	157.07	0.363	0.123
200.0	8.073	34.086	26.549	151.24	0.394	0.104
250.0	7.866	34.119	26.606	146.67	0.468	0.098
300.0	7.513	34.137	26.672	141.06	0.540	0.061
350.0	7.070	34.156	26.749	134.23	0.609	0.013
400.0	6.740	34.186	26.818	128.22	0.675	-0.009
450.0	6.553	34.196	26.851	125.69	0.739	-0.027
500.0	6.306	34.218	26.901	121.43	0.801	-0.042
550.0	6.019	34.261	26.973	115.07	0.859	-0.045
600.0	5.727	34.282	27.026	110.37	0.915	-0.065
650.0	5.341	34.328	27.110	102.57	0.969	-0.075
700.0	5.241	34.340	27.131	100.98	1.020	-0.078
750.0	5.106	34.356	27.160	98.68	1.070	-0.082
800.0	4.767	34.395	27.230	92.05	1.117	-0.089
1000.0	4.124	34.451	27.345	81.98	1.290	-0.115
1200.0	3.518	34.503	27.448	72.48	1.445	-0.135
1383.0	3.399	34.512	27.468	71.71	1.576	-0.141

STATION: 30 DATE: 2/ 7/89 2106 GMT

LAT: 36 47.2 N. LON: 121 55.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.487	33.649	25.814	217.39	0.007	0.155
5.0	10.483	33.650	25.816	217.29	0.011	0.155
10.0	10.471	33.648	25.816	217.35	0.022	0.151
15.0	10.470	33.648	25.817	217.43	0.033	0.151
20.0	10.464	33.648	25.818	217.45	0.043	0.150
25.0	10.466	33.648	25.818	217.57	0.054	0.150
30.0	10.462	33.650	25.820	217.47	0.065	0.151
40.0	10.470	33.665	25.831	216.65	0.087	0.164
50.0	10.387	33.728	25.894	210.86	0.108	0.199
60.0	10.258	33.747	25.931	207.55	0.129	0.191
70.0	10.170	33.758	25.955	205.50	0.150	0.184
80.0	10.002	33.784	26.004	201.01	0.170	0.176
100.0	9.769	33.829	26.079	194.36	0.210	0.172
120.0	9.129	33.945	26.274	176.07	0.247	0.158
140.0	9.013	33.963	26.307	173.37	0.282	0.153
160.0	8.759	33.999	26.375	167.19	0.316	0.140
180.0	8.588	34.025	26.423	163.01	0.349	0.134
200.0	8.365	34.046	26.473	158.53	0.381	0.116
250.0	7.853	34.105	26.597	147.48	0.457	0.086
300.0	7.262	34.160	26.725	135.84	0.529	0.044
350.0	6.867	34.187	26.801	129.18	0.595	0.009
400.0	6.389	34.223	26.894	120.81	0.657	-0.026
450.0	6.174	34.244	26.938	117.09	0.717	-0.038
500.0	5.881	34.270	26.997	111.97	0.774	-0.054
550.0	5.687	34.289	27.036	108.69	0.830	-0.063
577.0	5.591	34.300	27.056	107.00	0.859	-0.067

STATION: 31 DATE: 2/ 7/89 2148 GMT

LAT: 36 47.5 N. LON: 121 52.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.506	33.637	25.802	218.59	0.007	0.149
5.0	10.500	33.638	25.804	218.46	0.011	0.148
10.0	10.499	33.638	25.804	218.56	0.022	0.148
15.0	10.490	33.639	25.806	218.43	0.033	0.147
20.0	10.482	33.639	25.808	218.41	0.044	0.146
25.0	10.465	33.643	25.814	217.93	0.055	0.146
30.0	10.464	33.652	25.821	217.32	0.065	0.153
40.0	10.341	33.721	25.897	210.38	0.087	0.186
50.0	10.114	33.762	25.967	203.89	0.108	0.178
60.0	9.938	33.796	26.024	198.69	0.128	0.175
70.0	9.731	33.828	26.084	193.21	0.147	0.165
80.0	9.652	33.840	26.107	191.26	0.166	0.161
100.0	9.480	33.866	26.155	187.01	0.205	0.153
120.0	9.402	33.892	26.188	184.28	0.242	0.160
140.0	8.838	33.998	26.362	168.10	0.277	0.153
160.0	8.520	34.039	26.443	160.65	0.310	0.135
180.0	8.184	34.070	26.519	153.74	0.341	0.108
200.0	7.474	34.135	26.674	139.12	0.369	0.055
250.0	7.211	34.159	26.731	134.44	0.437	0.036
300.0	6.876	34.186	26.798	128.65	0.504	0.010
350.0	6.830	34.189	26.808	128.54	0.568	0.006
389.0	6.723	34.197	26.829	127.05	0.618	-0.003

STATION: 32 DATE: 2/ 7/89 2236 GMT

LAT: 36 47.9 N. LON: 121 49.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.425	33.650	25.826	216.30	0.006	0.145
5.0	10.417	33.652	25.829	216.06	0.011	0.145
10.0	10.297	33.666	25.861	213.13	0.022	0.135
15.0	10.249	33.664	25.867	212.63	0.032	0.125
20.0	10.205	33.669	25.879	211.65	0.043	0.121
25.0	10.089	33.685	25.911	208.68	0.053	0.113
30.0	10.051	33.695	25.925	207.44	0.064	0.115
40.0	9.957	33.717	25.958	204.49	0.084	0.116
50.0	9.681	33.788	26.060	195.04	0.104	0.125
60.0	9.649	33.795	26.071	194.17	0.124	0.126
70.0	9.353	33.867	26.176	184.42	0.143	0.133
80.0	9.212	33.896	26.222	180.24	0.161	0.133
100.0	8.980	33.934	26.289	174.28	0.197	0.125
120.0	8.749	33.965	26.349	168.85	0.231	0.113
140.0	8.258	34.040	26.484	156.36	0.263	0.096
155.0	8.228	34.043	26.491	155.96	0.286	0.093

STATION: 0 DATE: 3/25/89 0348 GMT

LAT: 36 33.2 N. LON: 122 1.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.649	33.359	25.381	258.56	0.000	0.137
5.0	11.648	33.365	25.386	258.18	0.013	0.142
10.0	11.633	33.401	25.417	255.38	0.026	0.168
15.0	11.489	33.475	25.500	247.53	0.038	0.199
20.0	11.184	33.520	25.591	239.04	0.051	0.177
25.0	10.662	33.586	25.735	225.43	0.062	0.135
30.0	10.106	33.670	25.897	210.16	0.073	0.104
40.0	9.740	33.749	26.020	198.67	0.093	0.104
50.0	9.536	33.786	26.082	192.92	0.113	0.099
60.0	9.099	33.799	26.164	185.34	0.132	0.038
70.0	8.930	33.826	26.211	181.01	0.150	0.032
80.0	8.918	33.882	26.257	176.84	0.168	0.074
100.0	9.007	33.938	26.287	174.39	0.203	0.133
120.0	8.687	34.009	26.393	164.67	0.237	0.138
140.0	8.536	34.026	26.430	161.49	0.269	0.127
160.0	8.500	34.032	26.441	160.87	0.302	0.126
180.0	8.468	34.037	26.450	160.37	0.334	0.125
200.0	8.261	34.066	26.505	155.51	0.365	0.116
250.0	7.935	34.085	26.569	150.20	0.442	0.081
300.0	7.509	34.103	26.645	143.56	0.516	0.033
350.0	6.989	34.133	26.742	134.86	0.585	-0.017
400.0	6.665	34.166	26.812	128.72	0.651	-0.035
450.0	6.342	34.196	26.879	122.88	0.714	-0.054
500.0	6.003	34.228	26.948	116.70	0.774	-0.073
550.0	5.666	34.266	27.020	110.17	0.831	-0.085
600.0	5.368	34.304	27.086	104.16	0.884	-0.091
650.0	5.143	34.331	27.135	99.90	0.935	-0.096
700.0	4.948	34.351	27.173	96.55	0.984	-0.103
750.0	4.893	34.359	27.186	95.80	1.032	-0.103
800.0	4.673	34.382	27.229	91.90	1.079	-0.110
835.4	4.475	34.402	27.267	88.34	1.111	-0.116

STATION: 1 DATE: 3/25/89 0636 GMT

LAT: 36 20.2 N. LON: 121 56.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.909	33.401	25.365	260.05	0.000	0.220
5.0	11.463	33.476	25.506	246.77	0.013	0.195
10.0	10.799	33.627	25.743	224.38	0.025	0.193
15.0	10.650	33.668	25.801	218.96	0.036	0.198
20.0	10.518	33.705	25.853	214.09	0.046	0.205
25.0	10.489	33.715	25.866	213.01	0.057	0.207
30.0	10.402	33.725	25.888	210.96	0.068	0.199
40.0	10.349	33.731	25.903	209.78	0.089	0.195
50.0	10.181	33.778	25.968	203.82	0.110	0.202
53.6	10.067	33.790	25.997	201.12	0.117	0.192

STATION: 2 DATE: 3/25/89 0718 GMT

LAT: 36 20.2 N. LON: 121 59.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.954	33.381	25.341	262.33	0.000	0.213
5.0	11.954	33.381	25.341	262.44	0.013	0.213
10.0	11.935	33.383	25.346	262.08	0.026	0.210
15.0	11.893	33.385	25.356	261.25	0.039	0.204
20.0	11.837	33.388	25.369	260.16	0.052	0.196
25.0	11.721	33.402	25.401	257.20	0.065	0.184
30.0	11.509	33.447	25.475	250.29	0.078	0.180
40.0	10.891	33.535	25.655	233.39	0.102	0.136
50.0	10.370	33.603	25.799	219.85	0.124	0.096
60.0	9.958	33.670	25.922	208.42	0.146	0.078
70.0	9.724	33.737	26.013	199.91	0.166	0.091
80.0	9.634	33.770	26.054	196.21	0.186	0.102
89.6	9.148	33.910	26.243	178.43	0.204	0.133

STATION: 3 DATE: 3/25/89 0753 GMT

LAT: 36 20.1 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.340	33.332	25.230	272.90	0.000	0.249
5.0	12.323	33.335	25.235	272.50	0.014	0.248
10.0	12.264	33.343	25.253	270.96	0.027	0.242
15.0	12.001	33.369	25.323	264.42	0.041	0.212
20.0	11.867	33.385	25.361	260.92	0.054	0.199
25.0	11.749	33.399	25.394	257.93	0.067	0.187
30.0	11.541	33.422	25.450	252.70	0.079	0.166
40.0	11.289	33.456	25.522	246.02	0.104	0.146
50.0	10.880	33.517	25.644	234.68	0.128	0.120
60.0	10.069	33.610	25.856	214.64	0.151	0.049
70.0	9.575	33.710	26.017	199.56	0.172	0.045
80.0	9.357	33.792	26.117	190.20	0.191	0.075
100.0	9.102	33.933	26.268	176.23	0.228	0.144
120.0	8.903	33.998	26.351	168.72	0.262	0.163
125.6	8.858	33.997	26.358	168.22	0.271	0.155

STATION: 4 DATE: 3/25/89 0830 GMT

LAT: 36 20.1 N. LON: 122 5.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.625	33.283	25.137	281.74	0.000	0.267
5.0	12.533	33.289	25.160	279.69	0.014	0.253
10.0	12.105	33.352	25.290	267.42	0.028	0.218
15.0	12.011	33.366	25.319	264.77	0.041	0.212
20.0	11.938	33.374	25.339	263.03	0.054	0.203
25.0	11.560	33.408	25.436	253.91	0.067	0.159
30.0	11.293	33.443	25.512	246.81	0.080	0.137
40.0	10.779	33.500	25.648	234.03	0.104	0.088
50.0	10.240	33.594	25.815	218.40	0.126	0.066
60.0	9.759	33.680	25.963	204.43	0.148	0.053
70.0	9.644	33.704	26.001	201.05	0.168	0.052
80.0	9.455	33.734	26.056	196.03	0.188	0.044
100.0	9.137	33.939	26.268	176.28	0.225	0.155
120.0	9.010	33.994	26.331	170.65	0.259	0.177
140.0	8.828	34.007	26.371	167.26	0.293	0.158
160.0	8.703	34.039	26.415	163.39	0.326	0.163
180.0	8.461	34.075	26.481	157.44	0.358	0.154
200.0	8.321	34.089	26.513	154.70	0.390	0.143
250.0	7.830	34.116	26.608	146.38	0.466	0.090
268.4	7.769	34.117	26.618	145.72	0.492	0.082

STATION: 5 DATE: 3/25/89 0911 GMT

LAT: 36 20.1 N. LON: 122 8.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.5	12.686	33.277	25.120	283.32	0.001	0.274
5.0	12.687	33.293	25.133	282.29	0.014	0.286
10.0	12.671	33.293	25.136	282.09	0.028	0.284
15.0	12.606	33.294	25.149	280.95	0.042	0.271
20.0	12.184	33.323	25.253	271.22	0.056	0.211
25.0	12.059	33.344	25.293	267.49	0.070	0.203
30.0	11.894	33.355	25.332	263.88	0.083	0.180
40.0	11.159	33.427	25.524	245.88	0.108	0.099
50.0	11.050	33.526	25.621	236.92	0.132	0.158
60.0	10.806	33.566	25.695	230.08	0.156	0.144
70.0	10.447	33.626	25.805	219.80	0.178	0.128
80.0	10.041	33.659	25.900	210.93	0.200	0.083
100.0	9.708	33.790	26.058	196.28	0.240	0.130
120.0	8.925	33.851	26.232	179.99	0.277	0.050
140.0	8.640	33.907	26.321	171.89	0.313	0.049
160.0	8.661	34.017	26.405	164.35	0.346	0.140
180.0	8.542	34.046	26.446	160.77	0.378	0.144
200.0	8.382	34.071	26.490	156.93	0.410	0.138
250.0	7.931	34.126	26.602	147.08	0.486	0.113
300.0	7.376	34.139	26.692	139.02	0.558	0.043
350.0	6.846	34.159	26.782	131.01	0.625	-0.016
400.0	6.333	34.201	26.884	121.69	0.688	-0.051
450.0	6.054	34.227	26.940	116.83	0.748	-0.067
500.0	5.734	34.266	27.011	110.42	0.805	-0.076
550.0	5.569	34.290	27.051	107.15	0.859	-0.077
600.0	5.337	34.320	27.103	102.60	0.912	-0.082
620.2	5.279	34.328	27.116	101.49	0.932	-0.082

STATION: 6 DATE: 3/25/89 1048 GMT

LAT: 36 20.0 N. LON: 122 13 0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.611	33.270	25.130	282.44	0.000	0.253
5.0	12.611	33.270	25.130	282.55	0.014	0.253
10.0	12.566	33.279	25.146	281.18	0.028	0.251
15.0	12.504	33.288	25.165	279.50	0.042	0.246
20.0	12.438	33.309	25.194	276.85	0.056	0.250
25.0	12.290	33.323	25.233	273.25	0.070	0.232
30.0	11.901	33.366	25.340	263.17	0.083	0.190
40.0	11.282	33.369	25.456	252.34	0.109	0.075
50.0	10.927	33.409	25.551	243.48	0.134	0.042
60.0	10.712	33.468	25.635	235.69	0.158	0.050
70.0	10.334	33.590	25.796	220.62	0.180	0.080
80.0	10.229	33.680	25.884	212.43	0.202	0.133
100.0	9.922	33.701	25.953	206.27	0.244	0.096
120.0	9.295	33.806	26.139	188.94	0.283	0.075
140.0	8.679	33.905	26.314	172.61	0.320	0.054
160.0	8.087	33.960	26.447	160.17	0.353	0.007
180.0	7.920	33.998	26.502	155.27	0.384	0.011
200.0	7.761	34.007	26.532	152.67	0.415	-0.005
250.0	7.305	34.039	26.623	144.70	0.489	-0.046
300.0	7.163	34.126	26.712	136.99	0.559	0.003
350.0	6.743	34.158	26.795	129.62	0.626	-0.030
400.0	6.477	34.196	26.860	124.01	0.690	-0.036
450.0	6.321	34.218	26.899	120.96	0.751	-0.040
500.0	6.137	34.241	26.941	117.48	0.811	-0.045
550.0	5.876	34.259	26.989	113.35	0.868	-0.064
600.0	5.423	34.266	27.050	107.67	0.923	-0.114
650.0	5.176	34.304	27.109	102.35	0.976	-0.114
700.0	5.021	34.346	27.161	97.82	1.025	-0.099
750.0	4.874	34.363	27.192	95.27	1.074	-0.102
800.0	4.720	34.384	27.226	92.33	1.121	-0.103
891.7	4.363	34.421	27.295	86.11	1.202	-0.113

STATION: 7 DATE: 3/25/89 1135 GMT

LAT: 36 20.0 N. LON: 122 15.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.535	33.274	25.147	280.74	0.000	0.242
5.0	12.536	33.275	25.148	280.81	0.014	0.242
10.0	12.538	33.275	25.148	280.95	0.028	0.243
15.0	12.537	33.275	25.148	281.07	0.042	0.242
20.0	12.536	33.276	25.149	281.09	0.056	0.243
25.0	12.527	33.275	25.151	281.07	0.070	0.240
30.0	12.497	33.278	25.159	280.43	0.084	0.237
40.0	12.123	33.354	25.289	268.29	0.112	0.223
50.0	11.326	33.404	25.476	250.70	0.137	0.111
60.0	11.222	33.452	25.533	245.53	0.162	0.130
70.0	10.563	33.503	25.688	230.87	0.186	0.051
80.0	10.303	33.576	25.791	221.34	0.209	0.063
100.0	9.910	33.711	25.963	205.36	0.251	0.102
120.0	9.100	33.787	26.155	187.36	0.291	0.028
140.0	8.778	33.907	26.300	173.90	0.326	0.071
160.0	8.481	33.938	26.370	167.59	0.361	0.049
180.0	8.184	33.972	26.442	160.98	0.393	0.031
200.0	7.936	33.995	26.497	156.06	0.425	0.011
250.0	7.314	34.023	26.609	146.01	0.501	-0.057
300.0	7.094	34.084	26.689	139.17	0.572	-0.040
350.0	6.878	34.168	26.785	130.74	0.639	-0.004
400.0	6.504	34.210	26.869	123.26	0.703	-0.021
450.0	6.195	34.238	26.931	117.84	0.763	-0.040
500.0	6.033	34.246	26.958	115.75	0.821	-0.055
550.0	5.779	34.262	27.003	111.91	0.878	-0.074
600.0	5.429	34.261	27.045	108.15	0.933	-0.118
650.0	5.184	34.309	27.113	102.02	0.986	-0.108
700.0	4.957	34.345	27.167	97.10	1.036	-0.107
750.0	4.797	34.373	27.208	93.58	1.083	-0.103
800.0	4.622	34.392	27.243	90.53	1.129	-0.107
978.1	4.180	34.438	27.328	83.42	1.282	-0.119

STATION: 8 DATE: 3/25/89 1448 GMT

LAT: 36 20 1 N LON: 122 19.1 W

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.491	33.277	25.158	279.71	0.000	0.235
5.0	12.496	33.277	25.157	279.96	0.014	0.236
10.0	12.494	33.277	25.158	280.00	0.028	0.236
15.0	12.475	33.280	25.164	279.58	0.042	0 234
20.0	12.452	33.281	25.169	279.17	0.056	0.230
25.0	12.399	33.285	25.182	278.06	0.070	0.222
30.0	12.390	33.289	25.188	277.67	0.084	0.224
40.0	12 348	33.297	25.202	276.60	0.112	0.222
50.0	11.286	33.371	25.457	252.44	0.138	0.078
60.0	11.086	33.399	25.515	247.15	0.163	0.063
70.0	10.969	33.417	25.550	244.03	0.187	0.055
80.0	10.745	33.460	25.623	237.30	0.211	0.049
100.0	10.295	33.580	25.795	221.33	0.257	0.064
120.0	9.651	33.767	26.050	197.43	0.299	0.103
140.0	9.071	33.863	26.219	181.67	0.337	0.083
160.0	8.475	33.915	26.353	169.18	0.372	0.030
180.0	8.157	33.984	26.456	159.73	0.405	0.036
200.0	8.012	33.999	26.489	156.86	0.436	0.026
250.0	7.422	34.019	26.591	147.80	0.513	-0.045
300.0	6.872	34.050	26.692	138.72	0.584	-0.098
350.0	6.526	34.090	26.770	131.83	0.652	-0.113
400.0	6.231	34.130	26.841	125.64	0.716	-0.120
450.0	6.260	34.223	26.911	119.79	0.777	-0.043
500.0	6.048	34.246	26.956	115.95	0.836	-0.053
550.0	5.778	34.268	27.008	111.45	0.893	-0.069
600.0	5.584	34.287	27.047	108.16	0.948	-0.078
650.0	5.326	34.303	27.091	104.27	1.001	-0.097
700.0	5.058	34.335	27.148	99.09	1.052	-0.103
750.0	4.832	34.366	27.199	94.53	1.100	-0.104
800.0	4.521	34.401	27.261	88.63	1.145	-0.111
899.9	4.167	34.435	27.327	82.79	1.231	-0.123

STATION: 9 DATE: 3/25/89 1605 GMT

LAT: 36 20.1 N. LON: 122 22 1 W

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.484	33.270	25.154	280.10	0.000	0.228
5.0	12.485	33.275	25.158	279.87	0.014	0.232
10.0	12.488	33.286	25.166	279.20	0 028	0.242
15.0	12.446	33.286	25.175	278.54	0.042	0.233
20.0	12.356	33.284	25.190	277.20	0:056	0 214
25.0	12.350	33.285	25.192	277.09	0 070	0.213
30.0	12.344	33.288	25.196	276.93	0 084	0 214
40.0	12.341	33.291	25.199	276.84	0.111	0.216
50.0	11.706	33.369	25.379	259.93	0.138	0 155
60.0	11.317	33.448	25.512	247.51	0.164	0.144
70.0	11.130	33.519	25.601	239.25	0.188	0.166
80.0	10.896	33.538	25.658	234.06	0.212	0.138
100.0	9.967	33.697	25.942	207.34	0.256	0.100
120.0	9.517	33.843	26.131	189.75	0.296	0.140
140.0	8.901	33.899	26.274	176.40	0.332	0.084
160.0	8.399	33.951	26.393	165.39	0.367	0.046
180.0	8.174	33.980	26.450	160.28	0.399	0.035
200.0	7.926	33.996	26.500	155.80	0.431	0.011
250.0	7.355	34.021	26:602	146.73	0.506	-0.053
300.0	6.981	34.039	26.668	140.99	0.578	-0.091
350.0	6.709	34.140	26.786	130.51	0.647	-0.049
400.0	6.027	34.155	26.886	121.16	0.710	-0.126
450.0	6.010	34.244	26.959	114.97	0.769	-0.059
500.0	5.746	34.256	27.002	111.31	0.825	-0.082
550.0	5.593	34.281	27.041	108.13	0.880	-0.082
600.0	5.336	34.297	27.084	104.32	0.933	-0.100
650.0	5.157	34.334	27.136	99.83	0.984	-0.092
700.0	5.013	34.357	27.171	96.89	1.033	-0.091
750.0	4.846	34.364	27.195	94.86	1.081	-0.105
800.0	4.669	34.385	27.232	91.64	1.127	-0.108
1000.0	4.058	34.449	27.350	81.33	1.301	-0.123
1200.0	3.551	34.495	27.438	73.47	1.454	-0.139
1234.2	3.443	34.503	27.455	71.83	1.479	-0.143

STATION: 10 DATE: 3/25/89 2000 GMT

LAT: 36 20.0 N. LON: 122 25.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.628	33.273	25.129	282.53	0.000	0.259
5.0	12.628	33.274	25.129	282.60	0.014	0.260
10.0	12.568	33.275	25.142	281.50	0.028	0.249
15 0	12.538	33.276	25.149	280.98	0.042	0.244
20.0	12.493	33.281	25.161	279.92	0.056	0.238
25.0	12.393	33.288	25.186	277.69	0.070	0.224
30.0	12.340	33.295	25.202	276.30	0.084	0.219
40.0	12.255	33.307	25.227	274.15	0.112	0.211
50.0	11.484	33.405	25.448	253.40	0.138	0.141
60.0	11.319	33.519	25.567	242.27	0.163	0.201
70.0	10.894	33.506	25.633	236.18	0.187	0.113
80.0	10.598	33.568	25.733	226.84	0.210	0.108
100.0	9.652	33.683	25.984	203.31	0.253	0.036
120.0	9.169	33.777	26.136	189.22	0.292	0.031
140.0	8.951	33.860	26.236	180.06	0.328	0.061
160.0	8.726	33.890	26.295	174.81	0.364	0.049
180.0	8.548	33.963	26.380	167.04	0.398	0.079
200.0	8.124	33.975	26.453	160.28	0.431	0.023
250.0	7.569	34.005	26.559	150.89	0.508	-0.035
300.0	7.097	34.042	26.655	142.37	0.582	-0.073
350.0	6.721	34.079	26.736	135.22	0.651	-0.095
400.0	6.282	34.117	26.824	127.28	0.717	-0.124
450.0	5.847	34.142	26.899	120.46	0.778	-0.159
500.0	5.764	34.206	26.960	115.26	0.837	-0.120
550.0	5.650	34.265	27.022	110.00	0.893	-0.087
600.0	5.316	34.274	27.069	105.74	0.947	-0.121
650.0	5.211	34.319	27.117	101.66	0.999	-0.098
700.0	5.042	34.337	27.151	98.75	1.049	-0.103
750.0	4.781	34.359	27.199	94.42	1.097	-0.116
800.0	4.564	34.368	27.230	91.61	1.143	-0.133
1000.0	4.007	34.446	27.353	80.93	1.316	-0.131
1200.0	3.540	34.484	27.431	74.15	1.472	-0.148
1400.0	3.100	34.522	27.504	67.49	1.612	-0.160
1600.0	2.761	34.550	27.557	62.58	1.743	-0.169
1663.9	2.657	34.559	27.574	61.04	1.782	-0.171

STATION: 11 DATE: 3/25/89 2148 GMT

LAT: 36 20.0 N. LON: 122 28.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.615	33.287	25.142	281.26	0.000	0.268
5.0	12.610	33.288	25.144	281.23	0.014	0.267
10.0	12.568	33.291	25.154	280.35	0.028	0.261
15.0	12.510	33.297	25.171	278.92	0.042	0.255
20.0	12.479	33.300	25.179	278.24	0.056	0.251
25.0	12.317	33.310	25.217	274.72	0.070	0.226
30.0	12.231	33.326	25.247	272.02	0.084	0.222
40.0	11.608	33.478	25.481	249.96	0.109	0.223
50.0	11.467	33.531	25.549	243.77	0.134	0.238
60.0	11.194	33.520	25.590	240.04	0.158	0.179
70.0	10.969	33.511	25.624	237.06	0.182	0.130
80.0	10.505	33.520	25.712	228.83	0.205	0.054
100.0	9.768	33.660	25.947	206.88	0.249	0.037
120.0	9.082	33.787	26.157	187.13	0.288	0.024
140.0	8.895	33.850	26.237	179.94	0.325	0.044
160.0	8.595	33.914	26.334	171.00	0.360	0.048
180.0	8.424	33.955	26.393	165.77	0.393	0.054
200.0	8.210	33.977	26.443	161.35	0.426	0.038
250.0	7.520	34.009	26.569	149.92	0.504	-0.039
300.0	6.844	34.035	26.684	139.47	0.576	-0.113
350.0	6.462	34.092	26.780	130.84	0.643	-0.120
400.0	6.009	34.114	26.856	124.01	0.706	-0.161
450.0	5.770	34.166	26.927	117.71	0.767	-0.150
500.0	5.579	34.206	26.983	112.92	0.824	-0.142
550.0	5.396	34.246	27.036	108.26	0.880	-0.133
600.0	5.172	34.281	27.091	103.40	0.932	-0.131
650.0	5.073	34.323	27.136	99.65	0.983	-0.110
700.0	4.944	34.342	27.166	97.18	1.032	-0.110
750.0	4.748	34.366	27.208	93.53	1.080	-0.114
800.0	4.566	34.391	27.248	89.93	1.126	-0.114
1000.0	3.977	34.444	27.354	80.72	1.296	-0.136
1200.0	3.494	34.488	27.438	73.29	1.449	-0.149
1400.0	3.031	34.528	27.515	66.22	1.589	-0.162
1600.0	2.690	34.557	27.569	61.22	1.716	-0.170
1800.0	2.460	34.577	27.606	58.05	1.835	-0.174
1869.4	2.308	34.592	27.631	55.44	1.874	-0.175

STATION: 12 DATE: 3/26/89 0836 GMT

LAT: 36 20.1 N. LON: 122 33.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.474	33.306	25.184	277.26	0.000	0.255
5.0	12.475	33.305	25.183	277.49	0.014	0.254
10.0	12.478	33.305	25.183	277.66	0.028	0.254
15.0	12.478	33.304	25.182	277.81	0.042	0.254
20.0	12.478	33.304	25.182	277.96	0.056	0.254
25.0	12.477	33.304	25.183	278.02	0.069	0.253
30.0	12.446	33.306	25.190	277.43	0.083	0.249
40.0	12.258	33.326	25.242	272.76	0.111	0.228
50.0	11.651	33.505	25.495	248.93	0.137	0.252
60.0	11.526	33.522	25.531	245.72	0.161	0.242
70.0	11.266	33.557	25.606	238.80	0.186	0.221
80.0	10.896	33.596	25.703	229.77	0.209	0.184
100.0	9.877	33.668	25.934	208.04	0.253	0.062
120.0	9.104	33.784	26.152	187.68	0.293	0.026
140.0	8.713	33.882	26.290	174.85	0.329	0.041
160.0	8.506	33.943	26.370	167.58	0.363	0.057
180.0	8.172	33.950	26.426	162.50	0.396	0.011
200.0	7.910	33.997	26.503	155.54	0.428	0.009
250.0	7.285	34.009	26.602	146.66	0.504	-0.073
300.0	6.829	34.048	26.696	138.28	0.575	-0.105
350.0	6.523	34.071	26.755	133.20	0.643	-0.128
400.0	6.147	34.096	26.824	127.12	0.708	-0.158
450.0	5.808	34.139	26.901	120.20	0.769	-0.167
500.0	5.675	34.180	26.950	116.06	0.828	-0.151
550.0	5.434	34.225	27.015	110.29	0.885	-0.145
600.0	5.244	34.263	27.068	105.67	0.939	-0.138
650.0	5.140	34.304	27.113	101.88	0.991	-0.118
700.0	4.935	34.338	27.165	97.33	1.041	-0.114
750.0	4.736	34.365	27.208	93.43	1.088	-0.116
800.0	4.573	34.383	27.241	90.61	1.134	-0.120
1000.0	3.977	34.443	27.353	80.80	1.306	-0.136
1200.0	3.441	34.491	27.446	72.46	1.459	-0.152
1400.0	2.988	34.526	27.517	65.85	1.597	-0.167
1600.0	2.665	34.556	27.570	61.00	1.725	-0.172
1800.0	2.371	34.584	27.619	56.45	1.841	-0.176
2000.0	2.099	34.613	27.665	51.94	1.949	-0.175
2200.0	1.957	34.630	27.691	49.75	2.050	-0.174
2259.4	1.868	34.637	27.703	48.35	2.080	-0.175

STATION: 13 DATE: 3/26/89 1109 GMT

LAT: 36 20.0 N. LON: 122 35.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.476	33.305	25.183	277.37	0.000	0.254
5.0	12.476	33.305	25.183	277.46	0.014	0.255
10.0	12.478	33.306	25.183	277.57	0.028	0.255
15.0	12.476	33.306	25.184	277.65	0.042	0.255
20.0	12.473	33.306	25.185	277.72	0.056	0.254
25.0	12.475	33.307	25.185	277.79	0.069	0.255
30.0	12.470	33.307	25.186	277.82	0.083	0.254
40.0	11.876	33.432	25.396	258.07	0.111	0.238
50.0	11.526	33.520	25.530	245.60	0.135	0.241
60.0	11.362	33.546	25.580	241.05	0.160	0.230
70.0	11.105	33.537	25.619	237.52	0.184	0.175
80.0	10.767	33.560	25.698	230.23	0.207	0.132
100.0	9.570	33.675	25.991	202.63	0.251	0.016
120.0	8.932	33.807	26.197	183.33	0.289	0.016
140.0	8.727	33.899	26.302	173.74	0.325	0.057
160.0	8.568	33.931	26.351	169.39	0.359	0.057
180.0	8.201	33.956	26.427	162.44	0.393	0.020
200.0	7.908	33.995	26.501	155.67	0.424	0.007
250.0	7.347	34.012	26.596	147.29	0.500	-0.061
300.0	6.905	34.024	26.667	141.09	0.572	-0.114
350.0	6.594	34.084	26.756	133.19	0.641	-0.109
400.0	6.221	34.110	26.826	127.04	0.706	-0.137
450.0	5.792	34.132	26.898	120.51	0.768	-0.174
500.0	5.601	34.197	26.972	113.90	0.826	-0.147
550.0	5.438	34.253	27.037	108.26	0.882	-0.122
600.0	5.227	34.289	27.091	103.50	0.935	-0.119
650.0	4.999	34.312	27.136	99.52	0.986	-0.127
700.0	4.890	34.342	27.172	96.52	1.035	-0.117
750.0	4.612	34.350	27.210	93.05	1.082	-0.142
800.0	4.441	34.378	27.251	89.39	1.128	-0.138
1000.0	3.986	34.445	27.354	80.76	1.297	-0.134
1200.0	3.506	34.481	27.432	73.96	1.451	-0.154
1400.0	2.986	34.519	27.511	66.35	1.592	-0.173
1600.0	2.629	34.549	27.568	61.07	1.719	-0.181
1800.0	2.308	34.581	27.621	55.91	1.836	-0.183
2000.0	2.072	34.607	27.662	52.03	1.944	-0.182
2200.0	1.939	34.630	27.692	49.52	2.045	-0.175
2400.0	1.820	34.644	27.713	47.74	2.142	-0.174
2600.0	1.712	34.653	27.730	46.37	2.236	-0.176
2626.1	1.698	34.653	27.731	46.28	2.248	-0.177

STATION: 14 DATE: 3/26/89 2011 GMT

LAT: 36 20.1 N. LON: 122 39.2 W

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.485	33.326	25.197	275.99	0.000	0.273
5.0	12.483	33.326	25.198	276.07	0.014	0.272
10.0	12.478	33.327	25.200	276.02	0.028	0.272
15.0	12.475	33.327	25.201	276.08	0.041	0.271
20.0	12.481	33.326	25.199	276.39	0.055	0.272
25.0	12.462	33.327	25.203	276.10	0.069	0 268
30.0	12.445	33.327	25.207	275.88	0.083	0.265
40.0	11.199	33.372	25.473	250.67	0.110	0.062
50.0	10.973	33.431	25.560	242.66	0.134	0.068
60.0	10.737	33.499	25.655	233.84	0.158	0.079
70.0	10.249	33.526	25.761	223.97	0.181	0.014
80.0	10.009	33.595	25.856	215.12	0.203	0.028
100.0	9.351	33.756	26.090	193.20	0.243	0.044
120.0	8.889	33.847	26.235	179.70	0.281	0.042
140.0	8.592	33.926	26.344	169.75	0.316	0.057
160.0	8.313	33.960	26.413	163.43	0.349	0.041
180.0	8.048	33.996	26.481	157.24	0.381	0.029
200.0	7.739	33.992	26.523	153.48	0.412	-0.020
250.0	7.311	34.027	26.613	145.67	0.487	-0.054
300.0	6.895	34.077	26.710	137.00	0.558	-0.073
350.0	6.346	34.081	26.787	130.11	0.625	-0.143
400.0	6.050	34.128	26.862	123.49	0.688	-0.145
450.0	5.791	34.181	26.936	116.87	0.748	-0.136
500.0	5.578	34.214	26.989	112.30	0.805	-0.136
550.0	5.459	34.251	27.033	108.67	0.861	-0.122
600.0	5.313	34.283	27.076	105.07	0.914	-0.114
650.0	5.038	34.302	27.123	100.78	0.966	-0.131
700.0	4.823	34.320	27.162	97.34	1.015	-0.142
750.0	4.711	34.355	27.203	93.89	1.063	-0.127
800.0	4.587	34.386	27.242	90.54	1.109	-0.116
1000.0	3.952	34.453	27.364	79.76	1.278	-0.131
1200.0	3.440	34.494	27.448	72.21	1.430	-0.150
1400.0	3.010	34.527	27.516	66.04	1.568	-0.164
1600.0	2.631	34.562	27.578	60.15	1.694	-0.170
1800.0	2.292	34.591	27.631	54.98	1.809	-0.176
2000.0	2.081	34.612	27.665	51.79	1.916	-0.177
2200.0	1.915	34.636	27.698	48.79	2.016	-0.172
2400.0	1.822	34.648	27.716	47.48	2.113	-0.171
2600.0	1.741	34.656	27.730	46.55	2.207	-0.172
2800.0	1.688	34.662	27.740	46.07	2.299	-0.172
3000.0	1.610	34.667	27.751	45.26	2.391	-0.175
3139.1	1.580	34.667	27.754	45.25	2.454	-0.178

STATION: 15 DATE: 3/26/89 2311 GMT

LAT: 36 20.0 N. LON: 122 42.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.546	33.323	25.183	277.33	0.000	0.283
5.0	12.547	33.323	25.183	277.45	0.014	0.283
10.0	12.539	33.323	25.185	277.44	0.028	0.281
15.0	12.532	33.323	25.186	277.42	0.042	0.279
20.0	12.518	33.323	25.189	277.29	0.055	0.277
25.0	12.497	33.322	25.192	277.12	0.069	0.271
30.0	12.436	33.322	25.204	276.08	0.083	0.259
40.0	11.768	33.330	25.336	263.73	0.110	0.136
50.0	11.306	33.379	25.460	252.20	0.136	0.088
60.0	11.082	33.426	25.537	245.11	0.161	0.083
70.0	10.664	33.496	25.665	233.07	0.185	0.063
80.0	10.375	33.540	25.750	225.20	0.208	0.047
100.0	9.477	33.707	26.031	198.80	0.250	0.026
120.0	8.985	33.834	26.210	182.14	0.288	0.046
140.0	8.618	33.913	26.329	171.10	0.323	0.051
160.0	8.440	33.952	26.388	165.88	0.357	0.054
180.0	8.156	33.981	26.453	159.94	0.389	0.033
200.0	7.776	33.993	26.519	153.91	0.421	-0.014
250.0	7.275	34.009	26.603	146.51	0.496	-0.074
300.0	6.830	34.073	26.715	136.45	0.566	-0.085
350.0	6.366	34.094	26.794	129.43	0.633	-0.130
400.0	5.963	34.121	26.867	122.86	0.696	-0.161
450.0	5.789	34.185	26.940	116.53	0.756	-0.132
500.0	5.558	34.221	26.997	111.55	0.813	-0.133
550.0	5.313	34.250	27.050	106.91	0.867	-0.139
600.0	5.116	34.285	27.101	102.44	0.919	-0.135
650.0	4.888	34.298	27.137	99.23	0.970	-0.151
700.0	4.762	34.336	27.182	95.40	1.019	-0.135
750.0	4.690	34.369	27.217	92.57	1.065	-0.118
800.0	4.565	34.390	27.248	89.98	1.111	-0.115
1000.0	3.975	34.455	27.363	79.90	1.280	-0.127
1200.0	3.461	34.496	27.448	72.31	1.432	-0.146
1400.0	2.966	34.537	27.528	64.79	1.568	-0.160
1600.0	2.642	34.564	27.579	60.14	1.693	-0.168
1800.0	2.375	34.583	27.617	56.57	1.810	-0.176
2000.0	2.101	34.607	27.660	52.40	1.919	-0.180
2200.0	1.932	34.627	27.690	49.66	2.020	-0.178
2400.0	1.832	34.642	27.711	48.03	2.118	-0.175
2600.0	1.752	34.653	27.727	46.91	2.213	-0.173
2800.0	1.680	34.661	27.740	46.03	2.306	-0.173
3000.0	1.631	34.666	27.749	45.63	2.398	-0.174
3159.6	1.581	34.666	27.753	45.40	2.470	-0.179

STATION: 16 DATE: 3/27/89 0923 GMT

LAT: 36 19.6 N. LON: 122 48.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.617	33.337	25.180	277.61	0.000	0.308
5.0	12.617	33.337	25.180	277.73	0.014	0.308
10.0	12.620	33.337	25.180	277.90	0.028	0.308
15.0	12.624	33.337	25.180	278.08	0.042	0.309
20.0	12.626	33.337	25.179	278.25	0.056	0.309
25.0	12.467	33.346	25.217	274.77	0.069	0.285
30.0	11.843	33.376	25.358	261.43	0.083	0.187
40.0	11.289	33.440	25.511	247.14	0.108	0.133
50.0	10.933	33.466	25.595	239.35	0.132	0.089
60.0	10.516	33.529	25.717	227.94	0.156	0.063
70.0	10.183	33.580	25.814	218.86	0.178	0.046
80.0	9.749	33.666	25.954	205.73	0.199	0.039
100.0	9.424	33.782	26.099	192.37	0.239	0.077
120.0	8.975	33.852	26.225	180.65	0.276	0.059
140.0	8.571	33.929	26.349	169.19	0.311	0.056
160.0	8.110	33.966	26.448	160.03	0.344	0.015
180.0	7.837	33.990	26.508	154.66	0.375	-0.007
200.0	7.668	34.035	26.568	149.28	0.406	0.004
250.0	7.519	34.115	26.653	142.03	0.478	0.045
300.0	6.968	34.122	26.735	134.67	0.548	-0.028
350.0	6.464	34.138	26.816	127.42	0.613	-0.083
400.0	6.176	34.188	26.893	120.64	0.675	-0.081
450.0	5.894	34.204	26.942	116.44	0.735	-0.104
500.0	5.611	34.235	27.002	111.17	0.791	-0.115
550.0	5.328	34.264	27.059	106.06	0.846	-0.126
600.0	5.156	34.299	27.107	101.89	0.897	-0.119
650.0	5.011	34.339	27.156	97.71	0.947	-0.105
700.0	4.921	34.373	27.194	94.59	0.996	-0.089
750.0	4.695	34.386	27.230	91.37	1.042	-0.104
800.0	4.565	34.406	27.260	88.81	1.087	-0.103
1000.0	3.976	34.466	27.372	79.09	1.255	-0.118
1200.0	3.494	34.506	27.453	71.97	1.406	-0.135
1400.0	3.093	34.538	27.517	66.23	1.544	-0.148
1600.0	2.683	34.562	27.574	60.77	1.671	-0.166
1800.0	2.368	34.586	27.620	56.27	1.788	-0.174
2000.0	2.082	34.612	27.665	51.80	1.896	-0.177
2200.0	1.918	34.631	27.694	49.19	1.997	-0.176
2400.0	1.823	34.646	27.715	47.64	2.094	-0.172
2600.0	1.759	34.654	27.727	46.93	2.188	-0.172
2800.0	1.680	34.663	27.741	45.89	2.281	-0.172
3000.0	1.599	34.669	27.753	44.98	2.372	-0.174
3062.1	1.591	34.667	27.753	45.18	2.400	-0.176

STATION: 17 DATE: 3/27/89 1308 GMT

LAT: 36 20.0 N. LON: 122 55.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.2	12.209	33.427	25.329	263.52	0.001	0.299
5.0	12.193	33.447	25.348	261.83	0.013	0.312
10.0	12.190	33.458	25.357	261.09	0.026	0.320
15.0	12.186	33.461	25.360	260.90	0.039	0.321
20.0	12.162	33.472	25.373	259.82	0.052	0.325
25.0	12.136	33.476	25.381	259.14	0.065	0.323
30.0	11.897	33.489	25.436	254.02	0.078	0.287
40.0	10.948	33.551	25.658	233.11	0.102	0.159
50.0	10.169	33.676	25.891	211.15	0.125	0.120
60.0	9.730	33.737	26.012	199.79	0.145	0.093
70.0	9.530	33.776	26.076	193.90	0.165	0.090
80.0	9.319	33.843	26.163	185.86	0.184	0.108
100.0	9.030	33.931	26.278	175.25	0.220	0.131
120.0	8.634	33.961	26.364	167.44	0.255	0.091
140.0	8.520	34.017	26.426	161.93	0.287	0.118
160.0	8.347	34.050	26.479	157.24	0.319	0.117
180.0	8.090	34.075	26.537	152.00	0.350	0.098
200.0	7.814	34.082	26.583	147.84	0.380	0.062
250.0	6.943	34.048	26.680	139.09	0.452	-0.089
300.0	6.548	34.101	26.775	130.61	0.520	-0.101
350.0	6.326	34.145	26.839	125.14	0.584	-0.096
400.0	6.084	34.187	26.904	119.51	0.645	-0.094
450.0	5.877	34.234	26.968	114.02	0.703	-0.083
500.0	5.646	34.258	27.015	109.91	0.759	-0.093
550.0	5.480	34.287	27.059	106.25	0.813	-0.090
600.0	5.267	34.325	27.115	101.36	0.865	-0.086
650.0	5.081	34.351	27.158	97.65	0.915	-0.087
700.0	4.873	34.373	27.199	94.00	0.963	-0.094
750.0	4.681	34.387	27.232	91.12	1.009	-0.105
800.0	4.512	34.402	27.263	88.45	1.054	-0.112
1000.0	3.894	34.463	27.378	78.33	1.221	-0.129
1200.0	3.368	34.502	27.461	70.77	1.369	-0.150
1400.0	2.898	34.535	27.532	64.14	1.504	-0.168
1600.0	2.587	34.562	27.582	59.63	1.627	-0.174
1800.0	2.253	34.588	27.631	54.74	1.741	-0.182
2000.0	2.069	34.605	27.661	52.15	1.848	-0.184
2200.0	1.909	34.623	27.689	49.66	1.950	-0.183
2400.0	1.806	34.640	27.711	47.86	2.048	-0.178
2600.0	1.737	34.652	27.727	46.78	2.142	-0.175
2800.0	1.674	34.659	27.738	46.10	2.235	-0.175
3000.0	1.622	34.664	27.748	45.64	2.327	-0.176
3200.0	1.584	34.668	27.755	45.42	2.418	-0.177
3400.0	1.567	34.672	27.760	45.48	2.509	-0.177
3557.5	1.559	34.673	27.763	45.72	2.581	-0.177

STATION: 18 DATE: 3/28/89 0130 GMT

LAT: 36 20.1 N. LON: 123 1.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.4	12.543	33.458	25.288	267.33	0.001	0.389
5.0	12.556	33.472	25.297	266.65	0.013	0.403
10.0	12.455	33.463	25.309	265.58	0.027	0.376
15.0	12.265	33.469	25.351	261.77	0.040	0.343
20.0	12.042	33.471	25.394	257.74	0.053	0.301
25.0	11.235	33.517	25.579	240.24	0.065	0.185
30.0	10.831	33.560	25.685	230.27	0.077	0.145
40.0	10.285	33.646	25.848	215.03	0.099	0.116
50.0	9.747	33.738	26.011	199.74	0.120	0.097
60.0	9.611	33.768	26.056	195.62	0.140	0.097
70.0	9.328	33.814	26.138	187.99	0.159	0.087
80.0	9.193	33.853	26.191	183.17	0.177	0.096
100.0	8.988	33.929	26.283	174.77	0.213	0.122
120.0	8.750	33.965	26.350	168.83	0.247	0.113
140.0	8.508	34.007	26.420	162.52	0.280	0.108
160.0	8.246	34.024	26.473	157.73	0.312	0.081
180.0	7.877	34.024	26.528	152.71	0.343	0.026
200.0	7.615	34.026	26.568	149.18	0.374	-0.011
250.0	6.926	34.021	26.661	140.87	0.446	-0.113
300.0	6.814	34.092	26.733	134.81	0.515	-0.072
350.0	6.552	34.136	26.803	128.77	0.581	-0.073
400.0	6.187	34.166	26.874	122.41	0.644	-0.097
450.0	5.908	34.209	26.944	116.29	0.703	-0.099
500.0	5.756	34.237	26.986	112.85	0.761	-0.096
550.0	5.516	34.257	27.031	108.90	0.816	-0.109
600.0	5.236	34.297	27.096	103.03	0.869	-0.112
650.0	5.103	34.327	27.136	99.70	0.920	-0.104
700.0	4.929	34.351	27.175	96.32	0.969	-0.105
750.0	4.690	34.381	27.226	91.69	1.016	-0.108
800.0	4.462	34.395	27.263	88.36	1.061	-0.122
1000.0	3.887	34.457	27.373	78.69	1.228	-0.134
1200.0	3.360	34.499	27.460	70.90	1.377	-0.153
1400.0	2.935	34.528	27.523	65.09	1.512	-0.170
1600.0	2.579	34.556	27.578	59.98	1.638	-0.179
1800.0	2.261	34.583	27.627	55.21	1.753	-0.185
2000.0	2.039	34.599	27.658	52.21	1.861	-0.191
2200.0	1.902	34.617	27.684	50.02	1.963	-0.188
2400.0	1.818	34.635	27.706	48.36	2.062	-0.181
2600.0	1.731	34.650	27.726	46.85	2.157	-0.177
2800.0	1.667	34.660	27.740	45.94	2.249	-0.175
3000.0	1.626	34.666	27.749	45.54	2.341	-0.174
3200.0	1.585	34.670	27.756	45.29	2.431	-0.175
3250.4	1.571	34.672	27.759	45.09	2.454	-0.175

STATION: 22 DATE: 3/28/89 2353 GMT

LAT: 35 46.1 N. LON: 124 12.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.199	33.231	24.984	296.31	0.000	0.342
5.0	12.791	33.234	25.067	288.55	0.015	0.261
10.0	12.589	33.242	25.112	284.34	0.029	0.226
15.0	12.370	33.249	25.160	279.91	0.043	0.189
20.0	12.357	33.257	25.169	279.21	0.057	0.192
25.0	12.295	33.261	25.184	277.91	0.071	0.183
30.0	12.157	33.259	25.209	275.66	0.085	0.154
40.0	10.964	33.259	25.428	255.00	0.111	-0.071
50.0	10.529	33.326	25.556	243.01	0.136	-0.096
60.0	10.521	33.428	25.637	235.51	0.160	-0.016
70.0	10.492	33.552	25.739	226.03	0.183	0.077
80.0	10.095	33.570	25.822	218.37	0.205	0.022
100.0	9.258	33.704	26.064	195.60	0.247	-0.012
120.0	8.906	33.850	26.235	179.72	0.284	0.047
140.0	8.685	33.927	26.330	171.04	0.319	0.073
160.0	8.515	33.981	26.399	164.88	0.353	0.088
180.0	8.193	34.003	26.465	158.84	0.385	0.056
200.0	8.025	34.023	26.506	155.26	0.417	0.046
250.0	7.478	34.082	26.632	143.90	0.492	0.013
300.0	6.856	34.058	26.701	137.87	0.562	-0.093
350.0	5.973	34.029	26.792	129.24	0.629	-0.232
400.0	5.539	34.065	26.875	121.74	0.691	-0.257
450.0	5.225	34.102	26.942	115.72	0.751	-0.265
500.0	4.962	34.137	27.000	110.52	0.807	-0.268
550.0	4.816	34.205	27.071	104.23	0.861	-0.231
600.0	4.651	34.234	27.113	100.62	0.912	-0.227
650.0	4.624	34.294	27.164	96.35	0.961	-0.183
700.0	4.477	34.332	27.210	92.28	1.008	-0.169
750.0	4.323	34.357	27.247	89.06	1.054	-0.166
800.0	4.217	34.393	27.287	85.62	1.097	-0.150
1000.0	3.688	34.457	27.393	76.35	1.259	-0.154
1200.0	3.238	34.510	27.480	68.67	1.404	-0.156
1400.0	2.921	34.536	27.531	64.34	1.537	-0.165
1600.0	2.591	34.562	27.581	59.68	1.661	-0.174
1800.0	2.298	34.584	27.624	55.58	1.777	-0.181
2000.0	2.062	34.603	27.660	52.21	1.885	-0.186
2200.0	1.912	34.624	27.689	49.63	1.986	-0.182
2400.0	1.822	34.639	27.709	48.14	2.084	-0.178
2600.0	1.750	34.648	27.723	47.23	2.179	-0.177
2800.0	1.682	34.658	27.737	46.28	2.273	-0.176
3000.0	1.636	34.663	27.746	45.91	2.365	-0.176
3200.0	1.597	34.666	27.752	45.75	2.457	-0.178
3400.0	1.565	34.668	27.758	45.72	2.548	-0.180
3600.0	1.537	34.672	27.764	45.58	2.640	-0.180
3800.0	1.516	34.675	27.769	45.60	2.731	-0.180
3930.2	1.499	34.677	27.773	45.53	2.790	-0.181

STATION: 20 DATE: 3/29/89 0723 GMT

LAT: 36 5.6 N. LON: 123 30.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.248	32.980	24.974	297.21	0.000	-0.049
5.0	12.248	32.981	24.975	297.25	0.015	-0.049
10.0	12.153	33.005	25.012	293.85	0.030	-0.048
15.0	11.786	33.056	25.120	283.68	0.044	-0.079
20.0	11.432	33.108	25.225	273.79	0.058	-0.104
25.0	10.720	33.214	25.435	253.91	0.071	-0.150
30.0	10.562	33.286	25.519	246.06	0.084	-0.121
40.0	9.872	33.234	25.595	238.98	0.108	-0.284
50.0	9.887	33.442	25.756	223.97	0.131	-0.115
60.0	9.597	33.545	25.884	211.93	0.153	-0.082
70.0	9.381	33.607	25.968	204.11	0.173	-0.068
80.0	9.294	33.663	26.026	198.83	0.193	-0.039
100.0	9.201	33.774	26.128	189.53	0.232	0.034
120.0	8.972	33.947	26.300	173.57	0.268	0.134
140.0	8.753	34.012	26.386	165.75	0.302	0.150
160.0	8.644	34.044	26.429	162.09	0.335	0.159
180.0	8.434	34.080	26.489	156.64	0.367	0.154
200.0	8.078	34.073	26.538	152.28	0.398	0.094
250.0	7.380	34.073	26.639	143.20	0.472	-0.008
300.0	6.802	34.107	26.746	133.53	0.541	-0.062
350.0	6.539	34.135	26.804	128.65	0.606	-0.075
400.0	6.301	34.186	26.876	122.37	0.669	-0.066
450.0	5.901	34.185	26.926	117.97	0.729	-0.119
500.0	5.656	34.222	26.986	112.72	0.787	-0.120
550.0	5.257	34.208	27.023	109.38	0.842	-0.179
600.0	5.212	34.270	27.077	104.76	0.896	-0.136
650.0	4.898	34.296	27.135	99.51	0.947	-0.152
700.0	4.735	34.341	27.189	94.70	0.995	-0.135
750.0	4.592	34.369	27.227	91.39	1.042	-0.128
800.0	4.473	34.400	27.265	88.13	1.087	-0.117
1000.0	3.857	34.465	27.383	77.75	1.252	-0.131
1200.0	3.301	34.505	27.470	69.76	1.398	-0.154
1400.0	2.920	34.535	27.530	64.39	1.532	-0.166
1600.0	2.579	34.562	27.582	59.54	1.657	-0.175
1800.0	2.284	34.584	27.626	55.41	1.771	-0.183
2000.0	2.063	34.603	27.659	52.23	1.879	-0.186
2200.0	1.910	34.625	27.690	49.53	1.980	-0.181
2400.0	1.807	34.639	27.710	47.94	2.078	-0.179
2600.0	1.737	34.651	27.726	46.85	2.172	-0.176
2800.0	1.680	34.660	27.739	46.09	2.265	-0.174
3000.0	1.631	34.666	27.749	45.62	2.357	-0.174
3106.4	1.609	34.669	27.753	45.42	2.405	-0.174

STATION: 23 DATE: 3/29/89 1553 GMT

LAT: 36 27.2 N. LON: 122 47.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.642	33.315	25.158	279.69	0.000	0.295
5.0	12.644	33.316	25.159	279.77	0.014	0.296
10.0	12.644	33.315	25.158	279.96	0.028	0.296
15.0	12.645	33.315	25.158	280.11	0.042	0.296
20.0	12.640	33.313	25.158	280.28	0.056	0.293
25.0	12.577	33.313	25.170	279.23	0.070	0.280
30.0	12.402	33.314	25.205	276.06	0.084	0.246
40.0	11.464	33.347	25.406	257.06	0.111	0.092
50.0	11.085	33.413	25.527	245.85	0.136	0.074
60.0	10.717	33.494	25.655	233.85	0.160	0.072
70.0	10.140	33.573	25.816	218.66	0.182	0.033
80.0	9.753	33.659	25.948	206.31	0.203	0.034
100.0	9.109	33.798	26.162	186.31	0.243	0.038
120.0	8.694	33.895	26.303	173.19	0.278	0.049
140.0	8.542	33.956	26.375	166.77	0.312	0.073
160.0	8.202	33.977	26.443	160.59	0.345	0.037
180.0	7.929	33.984	26.489	156.44	0.377	0.002
200.0	7.680	33.995	26.534	152.42	0.408	-0.026
250.0	7.148	34.027	26.635	143.45	0.481	-0.077
300.0	6.830	34.084	26.725	135.59	0.551	-0.076
350.0	6.507	34.122	26.798	129.18	0.617	-0.090
400.0	6.137	34.160	26.876	122.24	0.680	-0.109
450.0	5.792	34.182	26.937	116.79	0.740	-0.134
500.0	5.484	34.204	26.992	111.91	0.797	-0.155
550.0	5.306	34.234	27.038	108.01	0.852	-0.153
600.0	5.065	34.272	27.096	102.76	0.905	-0.151
650.0	4.850	34.307	27.149	98.07	0.955	-0.148
700.0	4.764	34.341	27.186	95.05	1.003	-0.131
750.0	4.646	34.368	27.221	92.08	1.050	-0.123
800.0	4.515	34.392	27.255	89.21	1.096	-0.119
1000.0	3.953	34.452	27.363	79.85	1.265	-0.132
1200.0	3.350	34.505	27.466	70.33	1.415	-0.149
1400.0	2.953	34.538	27.529	64.57	1.549	-0.161
1600.0	2.633	34.565	27.580	59.96	1.674	-0.168
1800.0	2.341	34.588	27.624	55.80	1.789	-0.175
2000.0	2.074	34.608	27.663	51.99	1.897	-0.181
2200.0	1.887	34.631	27.697	48.81	1.997	-0.178
2400.0	1.799	34.644	27.715	47.47	2.094	-0.176
2600.0	1.729	34.654	27.729	46.53	2.188	-0.174
2800.0	1.677	34.663	27.741	45.86	2.280	-0.172
2948.4	1.619	34.666	27.749	45.30	2.348	-0.175

STATION: 24 DATE: 3/29/89 1919 GMT

LAT: 36 35.8 N. LON: 122 29.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.390	33.245	25.153	280.23	0.000	0.190
5.0	12.387	33.245	25.153	280.29	0.014	0.189
10.0	12.348	33.248	25.163	279.48	0.028	0.183
15.0	12.263	33.269	25.196	276.48	0.042	0.184
20.0	12.097	33.332	25.276	268.99	0.056	0.201
25.0	12.019	33.353	25.308	266.10	0.069	0.203
30.0	11.804	33.370	25.361	261.15	0.082	0.175
40.0	11.258	33.439	25.515	246.74	0.108	0.126
50.0	10.884	33.515	25.641	234.92	0.132	0.118
60.0	10.683	33.538	25.695	230.03	0.155	0.101
70.0	10.334	33.609	25.811	219.18	0.177	0.095
80.0	9.829	33.662	25.938	207.32	0.199	0.050
100.0	9.534	33.806	26.099	192.34	0.239	0.114
120.0	9.101	33.895	26.239	179.42	0.276	0.113
140.0	8.910	33.958	26.319	172.16	0.310	0.132
160.0	8.593	34.006	26.406	164.18	0.344	0.120
180.0	8.375	34.027	26.456	159.74	0.376	0.103
200.0	8.126	34.058	26.519	154.11	0.408	0.089
250.0	7.471	34.073	26.626	144.47	0.483	0.005
300.0	7.124	34.132	26.722	136.05	0.553	0.002
350.0	6.752	34.160	26.795	129.63	0.619	-0.027
400.0	6.298	34.197	26.885	121.55	0.682	-0.058
450.0	6.093	34.221	26.931	117.71	0.742	-0.066
500.0	5.883	34.259	26.987	112.84	0.799	-0.063
550.0	5.615	34.278	27.036	108.62	0.854	-0.081
600.0	5.359	34.308	27.090	103.78	0.907	-0.089
650.0	5.123	34.336	27.141	99.30	0.958	-0.094
700.0	4.935	34.345	27.170	96.83	1.007	-0.109
750.0	4.736	34.370	27.212	93.06	1.055	-0.112
800.0	4.595	34.387	27.242	90.59	1.101	-0.114
1000.0	3.981	34.442	27.352	80.94	1.272	-0.137
1200.0	3.461	34.481	27.436	73.44	1.426	-0.158
1400.0	3.050	34.519	27.506	67.12	1.567	-0.167
1600.0	2.672	34.551	27.566	61.46	1.695	-0.176
1800.0	2.340	34.577	27.615	56.59	1.813	-0.184
2000.0	2.098	34.600	27.654	52.88	1.922	-0.186
2200.0	1.969	34.616	27.678	50.92	2.026	-0.184
2400.0	1.847	34.632	27.702	48.95	2.125	-0.182
2600.0	1.761	34.647	27.721	47.46	2.221	-0.177
2800.0	1.667	34.662	27.741	45.80	2.314	-0.174
2960.1	1.628	34.666	27.749	45.46	2.387	-0.174

STATION: 25 DATE: 3/29/89 2230 GMT

LAT: 36 33.4 N. LON: 122 14.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.154	33.480	25.380	258.61	0.000	0.330
5.0	12.161	33.480	25.379	258.82	0.013	0.332
10.0	12.149	33.478	25.380	258.90	0.026	0.327
15.0	11.922	33.489	25.431	254.10	0.039	0.292
20.0	11.877	33.487	25.438	253.60	0.051	0.282
25.0	11.499	33.519	25.533	244.65	0.064	0.236
30.0	10.800	33.607	25.728	226.27	0.076	0.177
40.0	10.107	33.712	25.929	207.26	0.097	0.138
50.0	9.537	33.801	26.094	191.80	0.117	0.111
60.0	9.336	33.841	26.158	185.87	0.136	0.110
70.0	8.971	33.906	26.268	175.66	0.154	0.102
80.0	8.892	33.911	26.284	174.28	0.172	0.093
100.0	8.598	33.926	26.342	169.11	0.206	0.059
120.0	8.462	33.961	26.390	164.88	0.239	0.065
140.0	8.135	33.995	26.467	157.91	0.272	0.042
160.0	7.909	34.019	26.519	153.23	0.303	0.027
180.0	7.734	34.023	26.548	150.80	0.333	0.004
200.0	7.560	34.024	26.574	148.58	0.363	-0.021
250.0	7.178	34.079	26.672	139.99	0.435	-0.032
300.0	7.084	34.130	26.726	135.67	0.503	-0.005
350.0	6.717	34.164	26.803	128.87	0.569	-0.029
400.0	6.564	34.208	26.859	124.26	0.632	-0.015
450.0	6.096	34.217	26.927	118.08	0.693	-0.069
500.0	5.817	34.243	26.983	113.20	0.750	-0.084
550.0	5.534	34.279	27.046	107.55	0.806	-0.091
600.0	5.391	34.306	27.085	104.32	0.859	-0.087
650.0	5.115	34.332	27.139	99.48	0.910	-0.098
700.0	4.844	34.359	27.191	94.68	0.958	-0.108
750.0	4.676	34.380	27.227	91.59	1.004	-0.111
800.0	4.501	34.397	27.260	88.69	1.050	-0.117
1000.0	4.050	34.442	27.345	81.75	1.220	-0.130
1200.0	3.436	34.489	27.445	72.54	1.374	-0.154
1400.0	3.025	34.530	27.517	66.00	1.512	-0.161
1600.0	2.653	34.560	27.575	60.56	1.639	-0.170
1800.0	2.351	34.584	27.620	56.21	1.755	-0.177
2000.0	2.157	34.601	27.651	53.53	1.865	-0.180
2200.0	1.914	34.628	27.692	49.36	1.969	-0.179
2400.0	1.790	34.643	27.715	47.42	2.065	-0.177
2515.7	1.775	34.649	27.721	47.21	2.120	-0.174

STATION: 27 DATE: 3/30/89 0448 GMT

LAT: 36 43.3 N. LON: 122 14.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.001	33.357	25.314	264.94	0.000	0.203
5.0	11.999	33.357	25.314	265.04	0.013	0.202
10.0	11.996	33.356	25.314	265.14	0.027	0.201
15.0	11.982	33.357	25.317	264.93	0.040	0.199
20.0	11.962	33.358	25.322	264.64	0.053	0.195
25.0	11.858	33.361	25.344	262.67	0.066	0.178
30.0	11.332	33.419	25.486	249.30	0.079	0.124
40.0	10.357	33.576	25.780	221.45	0.102	0.073
50.0	9.944	33.684	25.935	206.94	0.124	0.087
60.0	9.413	33.752	26.076	193.66	0.143	0.052
70.0	9.169	33.843	26.187	183.36	0.162	0.084
80.0	9.052	33.888	26.241	178.42	0.180	0.101
100.0	8.935	33.962	26.318	171.52	0.215	0.140
120.0	8.850	34.003	26.363	167.56	0.249	0.158
140.0	8.621	34.048	26.435	161.11	0.282	0.158
160.0	8.404	34.066	26.482	156.92	0.314	0.138
180.0	8.218	34.081	26.523	153.42	0.345	0.122
200.0	8.101	34.108	26.561	150.05	0.375	0.125
250.0	7.813	34.131	26.623	144.98	0.449	0.100
300.0	7.115	34.126	26.718	136.37	0.519	-0.004
350.0	6.730	34.147	26.788	130.30	0.586	-0.041
400.0	6.415	34.160	26.841	125.81	0.650	-0.072
450.0	6.198	34.199	26.899	120.79	0.712	-0.071
500.0	5.835	34.225	26.966	114.78	0.771	-0.096
550.0	5.692	34.243	26.998	112.22	0.828	-0.100
600.0	5.480	34.281	27.055	107.24	0.883	-0.095
650.0	5.289	34.309	27.100	103.38	0.935	-0.097
700.0	5.108	34.326	27.135	100.39	0.986	-0.104
750.0	4.924	34.343	27.170	97.36	1.035	-0.112
800.0	4.628	34.375	27.229	91.89	1.083	-0.120
1000.0	4.009	34.443	27.350	81.18	1.257	-0.133
1033.7	3.867	34.459	27.377	78.58	1.284	-0.135

STATION: 28 DATE: 3/30/89 0636 GMT

LAT: 36 45.2 N. LON: 122 2.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.089	33.425	25.350	261.50	0.000	0.274
5.0	12.093	33.424	25.348	261.76	0.013	0.274
10.0	12.054	33.427	25.358	260.93	0.026	0.269
15.0	11.947	33.432	25.382	258.80	0.039	0.251
20.0	11.474	33.453	25.486	249.02	0.052	0.179
25.0	10.621	33.538	25.705	228.28	0.064	0.090
30.0	10.258	33.585	25.804	218.95	0.075	0.063
40.0	9.731	33.703	25.985	201.94	0.096	0.066
50.0	9.501	33.775	26.080	193.17	0.116	0.085
60.0	9.284	33.807	26.140	187.62	0.135	0.074
70.0	9.128	33.856	26.203	181.79	0.154	0.088
80.0	8.985	33.871	26.238	178.66	0.172	0.076
100.0	8.867	33.943	26.313	171.91	0.207	0.114
120.0	8.793	33.975	26.350	168.78	0.241	0.127
140.0	8.687	34.004	26.390	165.36	0.274	0.134
160.0	8.601	34.019	26.415	163.34	0.307	0.132
180.0	8.359	34.043	26.471	158.31	0.339	0.113
200.0	8.145	34.069	26.524	153.58	0.371	0.101
250.0	7.682	34.097	26.615	145.64	0.445	0.054
300.0	7.182	34.114	26.700	138.18	0.517	-0.004
350.0	6.793	34.143	26.776	131.48	0.584	-0.035
400.0	6.574	34.166	26.824	127.50	0.649	-0.047
450.0	6.187	34.182	26.888	121.87	0.711	-0.085
500.0	5.970	34.213	26.940	117.40	0.771	-0.089
550.0	5.599	34.258	27.022	109.90	0.828	-0.099
600.0	5.339	34.291	27.080	104.75	0.882	-0.104
650.0	5.165	34.311	27.116	101.68	0.933	-0.109
700.0	4.925	34.336	27.164	97.37	0.983	-0.117
750.0	4.798	34.351	27.190	95.23	1.031	-0.120
800.0	4.718	34.363	27.209	93.87	1.078	-0.120
1000.0	4.197	34.423	27.315	84.93	1.256	-0.130
1005.7	4.200	34.423	27.314	85.02	1.261	-0.129

STATION: 29 DATE: 3/30/89 0811 GMT

LAT: 36 42.0 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.903	33.449	25.403	256.40	0.000	0.257
5.0	11.903	33.449	25.403	256.51	0.013	0.257
10.0	11.896	33.450	25.406	256.43	0.026	0.256
15.0	11.858	33.453	25.415	255.65	0.038	0.251
20.0	11.237	33.479	25.550	242.95	0.051	0.155
25.0	10.643	33.530	25.695	229.28	0.063	0.087
30.0	10.400	33.563	25.763	222.87	0.074	0.071
40.0	9.947	33.652	25.909	209.16	0.096	0.062
50.0	9.476	33.794	26.099	191.36	0.116	0.096
60.0	9.381	33.800	26.119	189.60	0.135	0.085
70.0	9.194	33.873	26.207	181.49	0.153	0.112
80.0	9.102	33.894	26.238	178.72	0.171	0.114
100.0	8.997	33.942	26.292	173.92	0.206	0.134
120.0	8.936	33.955	26.312	172.42	0.241	0.134
140.0	8.868	33.979	26.342	169.97	0.275	0.142
160.0	8.544	34.025	26.429	162.03	0.308	0.128
180.0	8.428	34.047	26.464	159.02	0.340	0.127
200.0	8.334	34.064	26.492	156.70	0.372	0.126
250.0	7.701	34.093	26.609	146.22	0.447	0.054
300.0	7.261	34.101	26.679	140.24	0.519	-0.004
350.0	6.921	34.131	26.750	134.08	0.588	-0.028
400.0	6.614	34.160	26.814	128.46	0.654	-0.046
450.0	6.264	34.199	26.891	121.62	0.717	-0.062
500.0	6.025	34.218	26.937	117.72	0.776	-0.078
550.0	5.756	34.245	26.992	112.87	0.834	-0.090
600.0	5.427	34.283	27.063	106.48	0.889	-0.101
650.0	5.229	34.308	27.106	102.71	0.941	-0.105
700.0	4.985	34.335	27.156	98.20	0.992	-0.112
750.0	4.775	34.358	27.199	94.43	1.040	-0.117
800.0	4.618	34.377	27.231	91.60	1.086	-0.120
1000.0	4.015	34.437	27.345	81.69	1.259	-0.137
1200.0	3.573	34.484	27.427	74.55	1.413	-0.145
1400.0	3.062	34.525	27.509	66.81	1.554	-0.161
1555.9	2.698	34.556	27.567	61.14	1.653	-0.169

STATION: 26 DATE: 3/30/89 0923 GMT

LAT: 36 36.6 N. LON: 122 9.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.714	33.450	25.439	252.97	0.000	0.222
5.0	11.713	33.451	25.440	252.99	0.013	0.222
10.0	11.719	33.450	25.439	253.30	0.025	0.222
15.0	11.719	33.450	25.439	253.41	0.038	0.222
20.0	11.713	33.462	25.449	252.50	0.051	0.231
25.0	11.697	33.471	25.460	251.65	0.063	0.235
30.0	11.656	33.478	25.473	250.53	0.076	0.233
40.0	11.097	33.578	25.652	233.72	0.100	0.207
50.0	9.875	33.711	25.968	203.82	0.122	0.097
60.0	9.569	33.781	26.073	193.97	0.142	0.101
70.0	9.274	33.843	26.170	184.96	0.161	0.101
80.0	9.036	33.868	26.228	179.64	0.179	0.082
100.0	8.654	33.898	26.311	172.04	0.214	0.045
120.0	8.451	33.952	26.385	165.37	0.248	0.056
140.0	8.192	33.976	26.444	160.12	0.281	0.036
160.0	7.993	33.999	26.491	155.92	0.312	0.023
180.0	7.725	34.016	26.544	151.18	0.343	-0.003
200.0	7.523	34.032	26.586	147.48	0.373	-0.020
250.0	7.527	34.135	26.667	140.63	0.445	0.062
300.0	7.223	34.143	26.717	136.59	0.514	0.024
350.0	6.760	34.136	26.775	131.54	0.581	-0.046
400.0	6.436	34.191	26.862	123.82	0.645	-0.045
450.0	6.123	34.216	26.923	118.52	0.705	-0.067
500.0	5.900	34.225	26.958	115.60	0.764	-0.088
550.0	5.678	34.257	27.012	110.98	0.821	-0.090
600.0	5.428	34.294	27.071	105.65	0.875	-0.092
650.0	5.080	34.331	27.142	99.13	0.926	-0.103
700.0	4.864	34.328	27.164	97.23	0.975	-0.131
750.0	4.731	34.349	27.196	94.58	1.024	-0.129
800.0	4.578	34.378	27.237	91.05	1.070	-0.123
1000.0	4.051	34.440	27.343	81.90	1.243	-0.131
1200.0	3.464	34.486	27.440	73.09	1.398	-0.154
1400.0	3.086	34.527	27.509	66.95	1.537	-0.158
1600.0	2.767	34.553	27.559	62.44	1.666	-0.166
1800.0	2.413	34.582	27.614	57.10	1.786	-0.174
2000.0	2.132	34.608	27.658	52.71	1.896	-0.177
2119.8	2.040	34.618	27.674	51.34	1.959	-0.177

STATION: 30 DATE: 3/30/89 1511 GMT

LAT: 36 47.1 N. LON: 121 56.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.4	12.210	33.462	25.355	260.96	0.001	0.327
5.0	12.153	33.454	25.360	260.63	0.013	0.309
10.0	11.819	33.462	25.430	254.15	0.026	0.251
15.0	11.111	33.500	25.588	239.16	0.038	0.149
20.0	10.546	33.559	25.734	225.41	0.050	0.093
25.0	10.312	33.618	25.821	217.28	0.061	0.099
30.0	10.073	33.690	25.918	208.13	0.072	0.115
40.0	9.779	33.740	26.006	199.96	0.092	0.104
50.0	9.366	33.831	26.145	186.92	0.111	0.107
60.0	9.181	33.874	26.209	181.08	0.130	0.110
70.0	8.969	33.909	26.271	175.39	0.148	0.104
80.0	8.830	33.963	26.335	169.45	0.165	0.125
100.0	8.707	33.983	26.370	166.52	0.198	0.121
120.0	8.559	33.993	26.401	163.95	0.231	0.105
140.0	8.361	34.006	26.441	160.42	0.264	0.085
160.0	8.214	34.025	26.479	157.19	0.296	0.077
180.0	8.121	34.030	26.497	155.80	0.327	0.067
200.0	7.882	34.057	26.554	150.68	0.358	0.052
250.0	7.500	34.082	26.629	144.21	0.431	0.016
300.0	7.061	34.121	26.722	135.99	0.502	-0.016
350.0	6.671	34.160	26.806	128.54	0.568	-0.038
400.0	6.461	34.182	26.852	124.81	0.631	-0.049
450.0	5.972	34.231	26.954	115.44	0.691	-0.073
500.0	5.888	34.241	26.973	114.25	0.749	-0.076
549.3	5.737	34.255	27.003	111.88	0.804	-0.085

STATION: 1 DATE: 5/11/89 0848 GMT

LAT: 36 19.5 N. LON: 121 55.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	10.769	33.459	25.617	236.08	0.000	0.054
5.0	10.768	33.556	25.693	228.99	0.012	0.131
10.0	10.636	33.656	25.794	219.49	0.023	0.187
15.0	10.568	33.669	25.816	217.50	0.034	0.185
20.0	10.489	33.665	25.827	216.59	0.045	0.167
25.0	10.446	33.684	25.850	214.54	0.055	0.175
30.0	10.187	33.710	25.914	208.52	0.066	0.150
40.0	9.465	33.824	26.124	188.78	0.086	0.118

STATION: 2 DATE: 5/11/89 1011 GMT

LAT: 36 20.0 N. LON: 121 59.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.174	33.602	25.656	232.35	0.000	0.241
5.0	11.166	33.600	25.657	232.44	0.012	0.239
10.0	11.154	33.600	25.658	232.38	0.023	0.236
15.0	10.466	33.680	25.842	215.01	0.035	0.175
20.0	10.252	33.720	25.910	208.63	0.045	0.169
25.0	9.943	33.722	25.965	203.57	0.055	0.118
30.0	9.810	33.727	25.991	201.20	0.065	0.099
40.0	9.570	33.776	26.069	193.98	0.085	0.097
50.0	9.491	33.807	26.106	190.64	0.104	0.109
60.0	9.480	33.814	26.114	190.14	0.123	0.112
70.0	9.433	33.821	26.127	189.07	0.142	0.110
80.0	9.356	33.844	26.158	186.36	0.161	0.115
100.0	8.889	33.956	26.320	171.26	0.198	0.128
106.0	8.859	33.963	26.330	170.40	0.208	0.129

STATION: 3 DATE: 5/11/89 1141 GMT

LAT: 36 20.6 N. LON: 122 1.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	10.980	33.627	25.710	227.20	0.000	0.226
5.0	10.995	33.630	25.710	227.34	0.011	0.231
10.0	10.975	33.629	25.713	227.18	0.023	0.226
15.0	10.797	33.639	25.753	223.51	0.034	0.202
20.0	10.556	33.640	25.796	219.55	0.045	0.159
25.0	10.304	33.649	25.847	214.81	0.056	0.123
30.0	10.197	33.659	25.872	212.46	0.067	0.111
40.0	10.033	33.688	25.923	207.86	0.088	0.106
50.0	9.834	33.716	25.979	202.79	0.108	0.094
60.0	9.644	33.754	26.040	197.16	0.128	0.092
70.0	9.209	33.881	26.210	181.15	0.147	0.121
80.0	9.074	33.914	26.258	176.82	0.165	0.125
100.0	8.846	33.970	26.338	169.57	0.199	0.132
120.0	8.735	33.994	26.374	166.48	0.233	0.133
124.0	8.733	33.995	26.375	166.45	0.240	0.134

STATION: 4 DATE: 5/11/89 1230 GMT

LAT: 36 20.1 N. LON: 122 5.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.093	33.559	25.637	234.15	0.000	0.192
5.0	11.092	33.560	25.638	234.18	0.012	0.193
10.0	11.091	33.560	25.639	234.26	0.023	0.193
15.0	11.045	33.557	25.645	233.80	0.035	0.182
20.0	10.936	33.553	25.661	232.36	0.047	0.159
25.0	10.915	33.556	25.667	231.88	0.058	0.157
30.0	10.830	33.543	25.672	231.52	0.070	0.131
40.0	10.808	33.546	25.679	231.14	0.093	0.129
50.0	10.769	33.544	25.684	230.84	0.116	0.121
60.0	10.549	33.541	25.721	227.59	0.139	0.079
70.0	9.390	33.785	26.106	191.08	0.160	0.074
80.0	8.953	33.925	26.285	174.17	0.178	0.114
100.0	8.821	33.943	26.321	171.20	0.213	0.107
120.0	8.684	33.987	26.377	166.24	0.246	0.120
140.0	8.576	34.008	26.410	163.42	0.279	0.119
160.0	8.306	34.034	26.472	157.85	0.311	0.098
180.0	8.185	34.081	26.527	152.94	0.343	0.117
198.0	7.769	34.122	26.621	144.20	0.369	0.087

STATION: 5 DATE: 5/11/89 1411 GMT

LAT: 36 20.3 N. LON: 122 8.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.221	33.511	25.577	239.89	0.000	0.178
5.0	11.224	33.511	25.576	240.06	0.012	0.178
10.0	11.223	33.511	25.577	240.14	0.024	0.178
15.0	11.161	33.505	25.583	239.63	0.036	0.162
20.0	10.953	33.505	25.621	236.19	0.048	0.124
25.0	10.327	33.525	25.745	224.42	0.059	0.028
30.0	9.853	33.576	25.866	213.08	0.070	-0.014
40.0	9.138	33.776	26.139	187.31	0.090	0.026
50.0	9.112	33.827	26.183	183.31	0.109	0.062
60.0	8.916	33.851	26.233	178.74	0.127	0.050
70.0	8.983	33.900	26.261	176.30	0.145	0.099
80.0	8.886	33.939	26.307	172.12	0.162	0.114
100.0	8.735	34.014	26.390	164.64	0.196	0.150
120.0	8.589	34.053	26.443	159.92	0.228	0.157
140.0	8.225	34.056	26.501	154.69	0.260	0.104
160.0	8.052	34.055	26.527	152.60	0.290	0.076
180.0	7.962	34.065	26.548	150.90	0.321	0.071
200.0	7.612	34.053	26.590	147.15	0.351	0.010
250.0	7.536	34.153	26.680	139.44	0.422	0.077
300.0	7.277	34.193	26.749	133.63	0.490	0.071
350.0	7.000	34.216	26.806	128.85	0.556	0.050
400.0	6.552	34.235	26.882	122.08	0.619	0.005
450.0	6.209	34.252	26.940	116.96	0.679	-0.027
500.0	6.111	34.251	26.952	116.40	0.737	-0.041
550.0	5.813	34.268	27.004	111.90	0.794	-0.065
600.0	5.548	34.298	27.060	106.88	0.848	-0.074
650.0	5.390	34.316	27.094	104.12	0.901	-0.079
652.0	5.337	34.325	27.107	102.80	0.903	-0.078

STATION: 6 DATE: 5/11/89 1523 GMT

LAT: 36 20.8 N. LON: 122 12.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.523	33.457	25.480	249.11	0.000	0.191
5.0	11.521	33.457	25.480	249.19	0.012	0.191
10.0	11.522	33.456	25.480	249.39	0.025	0.190
15.0	11.520	33.456	25.480	249.43	0.037	0.190
20.0	11.516	33.456	25.481	249.50	0.050	0.189
25.0	11.512	33.456	25.482	249.55	0.062	0.188
30.0	11.481	33.456	25.488	249.11	0.075	0.182
40.0	11.122	33.499	25.586	239.94	0.100	0.149
50.0	10.022	33.594	25.852	214.85	0.122	0.029
60.0	9.732	33.707	25.989	202.03	0.143	0.069
70.0	9.660	33.750	26.034	197.90	0.163	0.091
80.0	9.444	33.754	26.073	194.40	0.182	0.058
100.0	9.169	33.862	26.202	182.51	0.220	0.099
120.0	8.833	33.886	26.274	175.97	0.256	0.063
140.0	8.373	33.963	26.406	163.76	0.290	0.052
160.0	8.269	34.037	26.480	157.09	0.322	0.095
180.0	8.044	34.062	26.534	152.30	0.353	0.080
200.0	7.811	34.096	26.595	146.77	0.382	0.073
250.0	7.268	34.124	26.695	137.86	0.453	0.016
300.0	6.877	34.120	26.746	133.57	0.521	-0.042
350.0	6.747	34.184	26.815	127.78	0.586	-0.009
400.0	6.313	34.190	26.877	122.26	0.649	-0.062
450.0	6.158	34.226	26.926	118.22	0.709	-0.054
500.0	5.707	34.208	26.969	114.39	0.767	-0.125
550.0	5.553	34.246	27.018	110.21	0.823	-0.114
600.0	5.418	34.259	27.045	108.13	0.878	-0.120
650.0	5.289	34.322	27.110	102.40	0.931	-0.086
700.0	5.046	34.347	27.159	98.06	0.981	-0.095
750.0	4.918	34.359	27.183	96.11	1.029	-0.100
800.0	4.761	34.376	27.215	93.42	1.077	-0.105
872.0	4.456	34.407	27.274	88.09	1.142	-0.114

STATION: 7 DATE: 5/11/89 1736 GMT

LAT: 36 20.1 N. LON: 122 15.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.243	33.408	25.307	265.53	0.000	0.290
5.0	12.241	33.409	25.309	265.54	0.013	0.291
10.0	12.242	33.409	25.309	265.67	0.027	0.291
15.0	12.217	33.411	25.315	265.19	0.040	0.287
20.0	12.161	33.421	25.333	263.55	0.053	0.284
25.0	12.123	33.430	25.348	262.32	0.066	0.284
30.0	12.058	33.442	25.369	260.37	0.079	0.281
40.0	11.830	33.478	25.440	253.86	0.105	0.265
50.0	10.306	33.655	25.851	214.94	0.129	0.127
60.0	10.078	33.717	25.939	206.83	0.150	0.136
70.0	9.774	33.744	26.011	200.15	0.170	0.106
80.0	9.234	33.778	26.126	189.37	0.190	0.043
100.0	8.936	33.927	26.290	174.13	0.226	0.113
120.0	8.671	33.969	26.365	167.38	0.260	0.104
140.0	8.570	34.001	26.406	163.85	0.293	0.113
160.0	8.335	34.016	26.454	159.62	0.325	0.088
180.0	8.066	34.022	26.499	155.59	0.357	0.052
200.0	7.800	34.048	26.559	150.17	0.387	0.033
250.0	7.453	34.147	26.687	138.72	0.460	0.061
300.0	6.928	34.159	26.770	131.36	0.527	-0.004
350.0	6.609	34.198	26.844	124.90	0.591	-0.016
400.0	6.368	34.218	26.892	120.91	0.652	-0.033
450.0	6.133	34.233	26.935	117.38	0.712	-0.052
500.0	5.788	34.263	27.002	111.33	0.769	-0.072
550.0	5.472	34.271	27.047	107.33	0.824	-0.104
600.0	5.391	34.309	27.088	104.07	0.877	-0.084
650.0	5.297	34.323	27.110	102.42	0.928	-0.085
700.0	5.037	34.347	27.160	97.94	0.978	-0.096
750.0	4.829	34.378	27.209	93.60	1.026	-0.095
800.0	4.567	34.409	27.262	88.60	1.071	-0.100
972.0	4.021	34.459	27.361	79.90	1.217	-0.119

STATION: 8 DATE: 5/12/89 0248 GMT

LAT: 36 20.4 N. LON: 122 18.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.142	33.444	25.354	261.05	0.000	0.299
5.0	12.142	33.443	25.354	261.20	0.013	0.299
10.0	12.136	33.444	25.356	261.17	0.026	0.298
15.0	12.081	33.443	25.366	260.33	0.039	0.287
20.0	11.006	33.546	25.643	234.06	0.052	0.166
25.0	10.641	33.632	25.775	221.67	0.063	0.168
30.0	10.540	33.639	25.798	219.57	0.074	0.156
40.0	10.320	33.679	25.867	213.19	0.096	0.148
50.0	10.105	33.731	25.945	206.03	0.116	0.152
60.0	9.642	33.741	26.030	198.09	0.137	0.081
70.0	9.574	33.749	26.048	196.62	0.156	0.076
80.0	9.092	33.799	26.165	185.63	0.176	0.036
100.0	8.896	33.936	26.303	172.85	0.211	0.113
120.0	8.635	33.989	26.386	165.36	0.245	0.114
140.0	8.258	34.004	26.455	159.04	0.278	0.067
160.0	8.082	34.035	26.506	154.52	0.309	0.065
180.0	7.805	34.063	26.569	148.81	0.339	0.046
200.0	7.654	34.104	26.624	143.95	0.369	0.056
250.0	6.968	34.117	26.731	134.29	0.438	-0.031
300.0	6.737	34.146	26.786	129.76	0.504	-0.040
350.0	6.694	34.192	26.828	126.48	0.568	-0.010
400.0	6.429	34.208	26.876	122.45	0.630	-0.033
450.0	6.164	34.227	26.926	118.23	0.690	-0.052
500.0	5.905	34.257	26.983	113.28	0.748	-0.062
550.0	5.539	34.289	27.054	106.84	0.803	-0.082
600.0	5.375	34.316	27.095	103.35	0.856	-0.080
650.0	5.176	34.332	27.132	100.24	0.907	-0.091
700.0	4.890	34.373	27.197	94.20	0.956	-0.092
750.0	4.754	34.388	27.225	91.94	1.002	-0.096
800.0	4.574	34.405	27.259	88.98	1.048	-0.102
920.0	4.307	34.437	27.314	84.51	1.152	-0.107

STATION: 9 DATE: 5/12/89 1311 GMT

LAT: 36 20.1 N. LON: 122 22.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.159	33.398	25.316	264.75	0.000	0.266
5.0	12.160	33.398	25.315	264.89	0.013	0.266
10.0	12.160	33.398	25.316	265.00	0.026	0.266
15.0	12.162	33.398	25.315	265.16	0.040	0.266
20.0	12.146	33.400	25.320	264.83	0.053	0.265
25.0	11.246	33.527	25.585	239.69	0.066	0.196
30.0	10.409	33.669	25.844	215.18	0.077	0.156
40.0	10.146	33.706	25.918	208.35	0.098	0.140
50.0	9.659	33.675	25.975	203.06	0.119	0.032
60.0	9.255	33.822	26.156	186.05	0.138	0.081
70.0	9.227	33.839	26.174	184.55	0.156	0.090
80.0	8.998	33.908	26.265	176.11	0.174	0.108
100.0	8.753	33.949	26.336	169.74	0.209	0.101
120.0	8.499	33.992	26.409	163.12	0.242	0.095
140.0	8.195	34.014	26.473	157.38	0.275	0.066
160.0	8.029	34.057	26.532	152.12	0.305	0.075
180.0	7.805	34.066	26.572	148.58	0.335	0.048
200.0	7.690	34.093	26.610	145.27	0.365	0.053
250.0	7.436	34.138	26.682	139.15	0.436	0.051
300.0	7.071	34.159	26.751	133.31	0.504	0.016
350.0	6.798	34.182	26.806	128.62	0.570	-0.004
400.0	6.504	34.196	26.857	124.34	0.633	-0.032
450.0	6.130	34.219	26.924	118.38	0.694	-0.063
500.0	5.910	34.248	26.975	114.01	0.752	-0.068
550.0	5.686	34.268	27.019	110.27	0.808	-0.081
600.0	5.450	34.302	27.075	105.34	0.862	-0.083
650.0	5.160	34.341	27.141	99.37	0.914	-0.086
700.0	4.885	34.369	27.195	94.43	0.962	-0.096
750.0	4.647	34.389	27.237	90.56	1.008	-0.107
800.0	4.521	34.401	27.261	88.63	1.053	-0.111
1000.0	4.010	34.455	27.359	80.30	1.220	-0.124
1200.0	3.407	34.501	27.457	71.30	1.372	-0.147
1266.0	3.199	34.523	27.494	67.69	1.418	-0.150

STATION: 10 DATE: 5/12/89 2136 GMT

LAT: 36 20.0 N. LON: 122 25.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.229	33.468	25.357	260.85	0.000	0.335
5.0	12.224	33.467	25.357	260.91	0.013	0.334
10.0	12.196	33.468	25.363	260.48	0.026	0.329
15.0	12.043	33.475	25.397	257.34	0.039	0.304
20.0	11.140	33.545	25.618	236.42	0.051	0.190
25.0	10.431	33.613	25.797	219.55	0.063	0.116
30.0	10.303	33.662	25.857	213.96	0.074	0.132
40.0	9.796	33.651	25.934	206.81	0.095	0.036
50.0	9.491	33.718	26.037	197.24	0.115	0.038
60.0	9.391	33.815	26.129	188.68	0.134	0.098
70.0	9.171	33.865	26.204	181.76	0.153	0.102
80.0	8.995	33.899	26.258	176.73	0.171	0.100
100.0	8.661	33.957	26.356	167.77	0.205	0.093
120.0	8.491	33.989	26.408	163.22	0.238	0.091
140.0	8.257	34.008	26.459	158.73	0.270	0.070
160.0	8.021	34.022	26.505	154.61	0.302	0.046
180.0	7.928	34.027	26.523	153.23	0.333	0.036
200.0	7.788	34.045	26.558	150.23	0.363	0.029
250.0	7.537	34.109	26.645	142.72	0.436	0.042
300.0	7.095	34.150	26.740	134.31	0.505	0.012
350.0	6.734	34.176	26.810	128.20	0.571	-0.017
400.0	6.384	34.189	26.867	123.27	0.634	-0.054
450.0	6.111	34.214	26.923	118.50	0.695	-0.069
500.0	5.859	34.248	26.982	113.35	0.753	-0.075
550.0	5.528	34.283	27.050	107.15	0.808	-0.088
600.0	5.279	34.315	27.106	102.23	0.860	-0.092
650.0	5.098	34.333	27.141	99.20	0.910	-0.100
700.0	4.880	34.360	27.188	95.04	0.959	-0.103
750.0	4.720	34.375	27.218	92.49	1.006	-0.110
800.0	4.574	34.395	27.251	89.72	1.051	-0.110
1000.0	4.016	34.448	27.353	80.89	1.222	-0.128
1200.0	3.517	34.490	27.438	73.42	1.376	-0.146
1400.0	3.087	34.531	27.512	66.67	1.516	-0.154
1576.0	2.657	34.566	27.579	60.03	1.627	-0.165

STATION: 11 DATE: 5/13/89 0800 GMT

LAT: 36 20.1 N. LON: 122 28.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.253	33.491	25.370	259.59	0.000	0.358
5.0	12.246	33.489	25.370	259.69	0.013	0.356
10.0	12.239	33.491	25.373	259.56	0.026	0.355
15.0	12.233	33.491	25.374	259.57	0.039	0.354
20.0	12.127	33.499	25.400	257.18	0.052	0.339
25.0	11.303	33.566	25.605	237.82	0.064	0.237
30.0	10.636	33.667	25.803	219.09	0.076	0.195
40.0	10.133	33.735	25.943	205.99	0.097	0.160
50.0	9.722	33.769	26.039	197.08	0.117	0.117
60.0	9.377	33.784	26.107	190.76	0.136	0.071
70.0	9.301	33.868	26.185	183.54	0.155	0.125
80.0	9.164	33.902	26.234	179.09	0.173	0.130
100.0	8.956	33.939	26.296	173.54	0.208	0.125
120.0	8.659	33.979	26.374	166.46	0.242	0.110
140.0	8.352	34.016	26.451	159.52	0.275	0.091
160.0	8.127	34.030	26.496	155.54	0.306	0.068
180.0	7.975	34.060	26.542	151.46	0.337	0.069
200.0	7.774	34.074	26.583	147.87	0.367	0.050
250.0	7.317	34.138	26.699	137.50	0.438	0.034
300.0	7.013	34.179	26.774	131.03	0.505	0.024
350.0	6.736	34.204	26.832	126.15	0.569	0.005
400.0	6.359	34.219	26.894	120.71	0.631	-0.033
450.0	6.046	34.247	26.957	115.21	0.690	-0.052
500.0	5.740	34.280	27.022	109.46	0.746	-0.064
550.0	5.554	34.301	27.061	106.14	0.801	-0.070
600.0	5.338	34.319	27.102	102.67	0.853	-0.082
650.0	5.170	34.347	27.144	99.05	0.903	-0.080
700.0	4.989	34.362	27.177	96.24	0.952	-0.090
750.0	4.740	34.389	27.227	91.69	0.999	-0.097
800.0	4.539	34.409	27.266	88.26	1.044	-0.103
1000.0	3.964	34.459	27.367	79.46	1.210	-0.125
1200.0	3.530	34.496	27.441	73.13	1.363	-0.140
1400.0	3.019	34.540	27.525	65.20	1.502	-0.153
1600.0	2.652	34.572	27.584	59.67	1.626	-0.161
1800.0	2.390	34.592	27.623	56.10	1.742	-0.168
1834.0	2.367	34.594	27.627	55.84	1.761	-0.168

STATION: 12 DATE: 5/13/89 1700 GMT

LAT: 36 20.1 N. LON: 122 32.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.995	33.484	25.413	255.45	0.000	0.303
5.0	11.990	33.483	25.414	255.52	0.013	0.301
10.0	11.995	33.482	25.412	255.83	0.026	0.301
15.0	11.985	33.482	25.414	255.73	0.038	0.299
20.0	11.986	33.482	25.414	255.90	0.051	0.299
25.0	11.977	33.484	25.417	255.70	0.064	0.298
30.0	11.962	33.487	25.423	255.33	0.077	0.298
40.0	10.795	33.561	25.693	229.81	0.101	0.139
50.0	10.304	33.662	25.857	214.39	0.123	0.132
60.0	10.014	33.739	25.967	204.17	0.144	0.143
70.0	9.839	33.775	26.024	198.89	0.164	0.141
80.0	9.125	33.809	26.167	185.40	0.183	0.050
100.0	8.793	33.917	26.305	172.71	0.219	0.082
120.0	8.542	33.982	26.395	164.50	0.253	0.094
140.0	8.230	34.017	26.470	157.66	0.285	0.073
160.0	7.974	34.041	26.527	152.52	0.316	0.054
180.0	7.758	34.066	26.579	147.92	0.346	0.041
200.0	7.603	34.101	26.629	143.45	0.375	0.046
250.0	7.370	34.142	26.695	137.94	0.445	0.045
300.0	7.046	34.181	26.771	131.33	0.513	0.030
350.0	6.589	34.207	26.854	123.96	0.577	-0.012
400.0	6.113	34.182	26.897	120.26	0.638	-0.094
450.0	5.791	34.215	26.963	114.32	0.696	-0.109
500.0	5.716	34.288	27.031	108.56	0.752	-0.061
550.0	5.505	34.312	27.076	104.70	0.805	-0.068
600.0	5.343	34.336	27.115	101.47	0.857	-0.068
650.0	5.132	34.363	27.161	97.39	0.907	-0.072
700.0	4.951	34.379	27.195	94.50	0.955	-0.081
750.0	4.722	34.391	27.231	91.32	1.001	-0.097
800.0	4.579	34.414	27.265	88.37	1.046	-0.095
1000.0	3.954	34.465	27.373	78.89	1.213	-0.121
1200.0	3.449	34.502	27.454	71.73	1.364	-0.143
1400.0	3.050	34.533	27.517	66.08	1.502	-0.156
1600.0	2.654	34.569	27.582	59.91	1.628	-0.163
1800.0	2.362	34.589	27.623	55.98	1.743	-0.172
2000.0	2.133	34.607	27.657	52.79	1.852	-0.177
2044.0	2.090	34.611	27.664	52.16	1.875	-0.178

STATION: 13 DATE: 5/14/89 0506 GMT

LAT: 36 19.9 N. LON: 122 35.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.096	33.465	25.379	258.67	0.000	0.307
5.0	12.072	33.472	25.389	257.84	0.013	0.308
10.0	12.049	33.476	25.397	257.24	0.026	0.306
15.0	12.043	33.476	25.398	257.25	0.039	0.305
20.0	12.024	33.475	25.401	257.10	0.052	0.301
25.0	11.572	33.493	25.500	247.83	0.064	0.229
30.0	10.975	33.513	25.623	236.19	0.076	0.134
40.0	10.336	33.630	25.826	217.08	0.099	0.112
50.0	10.168	33.667	25.884	211.80	0.120	0.112
60.0	9.792	33.748	26.011	199.95	0.141	0.112
70.0	9.695	33.764	26.039	197.42	0.161	0.108
80.0	9.204	33.802	26.149	187.13	0.180	0.057
100.0	8.903	33.936	26.302	172.96	0.216	0.114
120.0	8.322	33.926	26.384	165.42	0.250	0.016
140.0	8.183	33.994	26.459	158.69	0.282	0.048
160.0	8.083	34.019	26.494	155.72	0.313	0.053
180.0	7.841	34.045	26.550	150.66	0.344	0.037
200.0	7.766	34.090	26.597	146.57	0.374	0.061
250.0	7.360	34.114	26.674	139.88	0.445	0.021
300.0	6.585	34.085	26.758	132.29	0.513	-0.108
350.0	6.423	34.153	26.833	125.78	0.578	-0.076
400.0	5.896	34.150	26.898	119.87	0.639	-0.146
450.0	6.080	34.255	26.959	115.05	0.698	-0.041
500.0	5.799	34.271	27.007	110.88	0.755	-0.064
550.0	5.537	34.300	27.063	106.00	0.809	-0.073
600.0	5.355	34.327	27.106	102.29	0.861	-0.074
650.0	5.152	34.351	27.149	98.53	0.911	-0.079
700.0	4.944	34.375	27.193	94.72	0.959	-0.084
750.0	4.807	34.387	27.218	92.66	1.006	-0.091
800.0	4.592	34.402	27.254	89.42	1.052	-0.103
1000.0	3.889	34.458	27.374	78.64	1.219	-0.133
1200.0	3.498	34.495	27.444	72.83	1.370	-0.144
1400.0	3.110	34.526	27.506	67.31	1.509	-0.156
1600.0	2.690	34.559	27.571	61.08	1.637	-0.168
1800.0	2.366	34.589	27.623	56.03	1.754	-0.172
2000.0	2.096	34.621	27.671	51.32	1.861	-0.169
2200.0	1.927	34.645	27.705	48.29	1.960	-0.164
2400.0	1.852	34.653	27.718	47.51	2.056	-0.165
2598.0	1.733	34.661	27.735	46.07	2.148	-0.168

STATION: 14 DATE: 5/14/89 1600 GMT

LAT: 36 20.1 N. LON: 122 38.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.798	33.485	25.451	251.87	0.000	0.266
5.0	11.757	33.474	25.450	252.04	0.013	0.249
10.0	11.753	33.475	25.452	252.04	0.025	0.249
15.0	11.745	33.478	25.456	251.76	0.038	0.250
20.0	11.321	33.506	25.555	242.42	0.050	0.192
25.0	10.865	33.591	25.704	228.42	0.062	0.176
30.0	10.830	33.596	25.714	227.60	0.073	0.173
40.0	10.618	33.631	25.778	221.66	0.096	0.163
50.0	10.181	33.680	25.892	211.05	0.118	0.125
60.0	9.674	33.743	26.026	198.45	0.138	0.088
70.0	9.116	33.801	26.162	185.67	0.157	0.042
80.0	8.933	33.843	26.224	179.95	0.176	0.046
100.0	8.889	33.925	26.296	173.56	0.211	0.103
120.0	8.399	33.944	26.387	165.21	0.245	0.042
140.0	8.236	33.993	26.450	159.53	0.277	0.055
160.0	8.030	34.024	26.506	154.59	0.309	0.049
180.0	7.995	34.071	26.548	150.93	0.339	0.080
200.0	7.808	34.071	26.576	148.58	0.369	0.052
250.0	7.086	34.054	26.665	140.58	0.441	-0.064
300.0	6.727	34.116	26.763	131.86	0.509	-0.065
350.0	6.607	34.185	26.834	125.84	0.574	-0.027
400.0	6.306	34.212	26.896	120.54	0.636	-0.046
450.0	6.011	34.237	26.953	115.50	0.695	-0.064
500.0	5.704	34.266	27.015	110.04	0.751	-0.079
550.0	5.559	34.294	27.055	106.72	0.805	-0.075
600.0	5.370	34.318	27.097	103.14	0.858	-0.079
650.0	5.110	34.337	27.143	99.05	0.908	-0.095
700.0	4.947	34.360	27.180	95.87	0.957	-0.096
750.0	4.819	34.375	27.207	93.70	1.004	-0.099
800.0	4.637	34.393	27.242	90.64	1.050	-0.105
1000.0	3.972	34.446	27.356	80.51	1.221	-0.134
1200.0	3.452	34.487	27.442	72.87	1.375	-0.154
1400.0	3.033	34.522	27.510	66.69	1.514	-0.166
1600.0	2.690	34.555	27.567	61.37	1.642	-0.171
1800.0	2.355	34.586	27.621	56.12	1.760	-0.175
2000.0	2.105	34.617	27.667	51.72	1.868	-0.172
2200.0	1.921	34.639	27.700	48.65	1.967	-0.170
2400.0	1.801	34.650	27.719	47.07	2.063	-0.171
2600.0	1.731	34.657	27.732	46.34	2.156	-0.172
2800.0	1.669	34.660	27.740	45.95	2.249	-0.175
3000.0	1.600	34.665	27.750	45.26	2.340	-0.177
3094.0	1.584	34.666	27.752	45.25	2.382	-0.178

STATION: 15 DATE: 5/15/89 1230 GMT

LAT: 36 20 1 N. LON: 122 42 0 W

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11 725	33.496	25.473	249.77	0.000	0 260
5.0	11.723	33.496	25.474	249.82	0.012	0.260
10.0	11.721	33.497	25.475	249.85	0.025	0.260
15.0	11.695	33.498	25.481	249.39	0.037	0.256
20.0	11.504	33.519	25.532	244.64	0.050	0.236
25.0	11.158	33.556	25.624	235.99	0.062	0.202
30.0	10.890	33.590	25.698	229.05	0.073	0.179
40.0	10.639	33.634	25.777	221.79	0.096	0.169
50.0	10.467	33.658	25.826	217.37	0.118	0.157
60.0	10.062	33.702	25.930	207.69	0.139	0.122
70.0	9.731	33.763	26.033	198.06	0.160	0.113
80.0	9.162	33.833	26.180	184.18	0.179	0.075
100.0	8.600	33.893	26.316	171.61	0.214	0.033
120.0	8.469	33.974	26.400	164.01	0.247	0.076
140.0	8.275	34.016	26.462	158.39	0.279	0.079
160.0	8.094	34.070	26.532	152.09	0.310	0.095
180.0	7.882	34.090	26.579	147.90	0.340	0.079
200.0	7.522	34.075	26.620	144.25	0.370	0.014
250.0	7.296	34.152	26.713	136.17	0.440	0.042
300.0	7.002	34.168	26.767	131.70	0.507	0.013
350.0	6.693	34.187	26.824	126.84	0.572	-0.014
400.0	6.440	34.204	26.872	122.90	0.634	-0.035
450.0	6.117	34.249	26.950	115.98	0.694	-0.041
500.0	5.853	34.267	26.997	111.87	0.751	-0.060
550.0	5.541	34.289	27.053	106.87	0.805	-0.082
600.0	5.311	34.307	27.095	103.22	0.858	-0.095
650.0	5.115	34.338	27.143	99.04	0.908	-0.094
700.0	4.902	34.362	27.187	95.16	0.957	-0.099
750.0	4.746	34.394	27.230	91.39	1.004	-0.092
800.0	4.492	34.406	27.268	87.91	1.049	-0.110
1000.0	3.843	34.461	27.381	77.87	1.214	-0.135
1200.0	3.406	34.503	27.459	71.14	1.363	-0.146
1400.0	2.997	34.532	27.521	65.52	1.499	-0.161
1600.0	2.663	34.559	27.573	60.75	1.626	-0.170
1800.0	2.321	34.594	27.631	55.12	1.742	-0.172
2000.0	2.102	34.617	27.668	51.68	1.848	-0.172
2200.0	1.908	34.635	27.698	48.78	1.948	-0.174
2400.0	1.803	34.648	27.718	47.24	2.044	-0.172
2600.0	1.736	34.657	27.731	46.41	2.138	-0.171
2800.0	1.664	34.662	27.742	45.74	2.230	-0.174
3000.0	1.591	34.666	27.751	45.07	2.320	-0.177
3160.0	1.567	34.669	27.757	44.99	2.392	-0.177

STATION: 16 DATE: 5/15/89 2205 GMT

LAT: 36 20.0 N. LON: 122 48.7 W

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.864	33.513	25.460	250 98	0.000	0.300
5.0	11.801	33.517	25.475	249 68	0 013	0.291
10.0	11.771	33.515	25.479	249.40	0.025	0.284
15.0	11.684	33.515	25.496	247.95	0.037	0.268
20.0	11.229	33.542	25.600	238.17	0.050	0.204
25.0	10.891	33.618	25.720	226.89	0.061	0.202
30.0	10.809	33.632	25.745	224.58	0.073	0.198
40.0	10.738	33.641	25.765	222.93	0.095	0.192
50.0	10.694	33.648	25.778	221.88	0.117	0.190
60.0	10.469	33.678	25.841	216.12	0.139	0.173
70.0	10.071	33.727	25.948	206.18	0.160	0.143
80.0	9.458	33.786	26.096	192.25	0.180	0.086
100.0	8.742	33.842	26.254	177.52	0.217	0.014
120.0	8.617	33.983	26.384	165.54	0.251	0.106
140.0	8.399	34.014	26.442	160.36	0.284	0.097
160.0	8.322	34.031	26.467	158.31	0.316	0.098
180.0	8.188	34.074	26.522	153.50	0.347	0.112
200.0	7.979	34.095	26.569	149.25	0.377	0.097
250.0	7.281	34.107	26.680	139.31	0.449	0.005
300.0	7.087	34.172	26.759	132.56	0.517	0.028
350.0	6.695	34.191	26.827	126.57	0.582	-0.011
400.0	6.395	34.219	26.890	121.19	0.644	-0.029
450.0	5.910	34.230	26.961	114.72	0.702	-0.082
500.0	5.607	34.249	27.013	110.08	0.759	-0.105
550.0	5.404	34.275	27.059	106.19	0.813	-0.109
600.0	5.286	34.310	27.101	102.68	0.865	-0.096
650.0	4.993	34.338	27.157	97.53	0.915	-0.108
700.0	4.900	34.381	27.202	93.73	0.963	-0.085
750.0	4.737	34.402	27.238	90.69	1.009	-0.087
800.0	4.534	34.418	27.273	87.53	1.054	-0.097
1000.0	3.913	34.470	27.381	78.03	1.219	-0.121
1200.0	3.414	34.509	27.463	70.80	1.367	-0.140
1400.0	3.022	34.539	27.524	65.30	1.503	-0.154
1600.0	2.647	34.571	27.584	59.68	1.628	-0.162
1800.0	2.336	34.599	27.633	54.93	1.742	-0.167
2000.0	2.070	34.624	27.676	50.78	1.847	-0.169
2200.0	1.923	34.641	27.702	48.53	1.946	-0.168
2400.0	1.808	34.654	27.722	46.87	2.042	-0.167
2600.0	1.740	34.661	27.734	46.17	2.134	-0.168
2800.0	1.668	34.665	27.744	45.58	2.226	-0.171
3000.0	1.625	34.666	27.749	45.54	2.317	-0.175
3200.0	1.571	34.672	27.759	44.95	2.408	-0.175
3324.0	1.577	34.671	27.759	45.46	2.464	-0.176

STATION: 17 DATE: 5/16/89 0406 GMT

LAT: 36 20.0 N. LON: 122 55.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.070	33.426	25.354	261.08	0.000	0.271
5.0	12.069	33.426	25.354	261.18	0.013	0.271
10.0	12.073	33.426	25.354	261.36	0.026	0.271
15.0	12.025	33.431	25.367	260.21	0.039	0.266
20.0	11.913	33.449	25.402	257.03	0.052	0.259
25.0	11.794	33.467	25.438	253.70	0.065	0.250
30.0	11.717	33.482	25.464	251.34	0.077	0.247
40.0	11.261	33.539	25.592	239.38	0.102	0.207
50.0	10.456	33.656	25.826	217.33	0.125	0.154
60.0	9.929	33.657	25.917	208.88	0.146	0.063
70.0	9.454	33.740	26.060	195.41	0.166	0.049
80.0	9.193	33.828	26.171	185.03	0.185	0.076
100.0	8.819	33.929	26.310	172.21	0.221	0.096
120.0	8.579	33.995	26.399	164.08	0.254	0.110
140.0	8.383	34.022	26.451	159.53	0.287	0.101
160.0	8.317	34.070	26.499	155.34	0.318	0.128
180.0	8.102	34.084	26.542	151.51	0.349	0.107
200.0	7.749	34.084	26.594	146.78	0.378	0.054
250.0	7.132	34.091	26.688	138.45	0.450	-0.029
300.0	6.813	34.133	26.765	131.75	0.517	-0.040
350.0	6.460	34.180	26.850	124.26	0.581	-0.050
400.0	6.100	34.200	26.912	118.75	0.642	-0.081
450.0	5.695	34.205	26.967	113.85	0.700	-0.128
500.0	5.574	34.241	27.011	110.26	0.756	-0.115
550.0	5.580	34.300	27.057	106.54	0.810	-0.068
600.0	5.378	34.342	27.115	101.46	0.862	-0.060
650.0	5.094	34.373	27.174	96.18	0.911	-0.069
700.0	4.869	34.387	27.211	92.90	0.959	-0.083
750.0	4.711	34.408	27.245	89.93	1.004	-0.085
800.0	4.571	34.421	27.272	87.76	1.049	-0.090
1000.0	3.916	34.477	27.387	77.55	1.214	-0.116
1200.0	3.362	34.516	27.473	69.66	1.361	-0.140
1400.0	2.921	34.554	27.545	63.01	1.494	-0.151
1600.0	2.629	34.576	27.589	59.10	1.615	-0.160
1800.0	2.319	34.597	27.633	54.88	1.729	-0.170
2000.0	2.076	34.618	27.671	51.29	1.835	-0.173
2200.0	1.946	34.635	27.695	49.25	1.935	-0.171
2400.0	1.837	34.648	27.715	47.68	2.032	-0.170
2600.0	1.757	34.657	27.730	46.68	2.127	-0.170
2800.0	1.689	34.662	27.740	46.08	2.219	-0.172
3000.0	1.624	34.664	27.747	45.67	2.311	-0.176
3200.0	1.596	34.671	27.756	45.38	2.402	-0.174
3400.0	1.590	34.672	27.759	45.80	2.493	-0.175
3428.0	1.591	34.673	27.760	45.83	2.506	-0.174

STATION: 18 DATE: 5/16/89 2000 GMT

LAT: 36 19.8 N. LON: 123 1.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.237	33.412	25.312	265.13	0.000	0.292
5.0	12.232	33.412	25.313	265.16	0.013	0.291
10.0	12.219	33.411	25.314	265.10	0.027	0.288
15.0	12.155	33.417	25.331	263.62	0.040	0.280
20.0	12.000	33.449	25.386	258.58	0.053	0.275
25.0	11.981	33.454	25.394	257.95	0.066	0.276
30.0	11.964	33.455	25.397	257.72	0.079	0.273
40.0	11.325	33.508	25.557	242.78	0.104	0.194
50.0	10.719	33.587	25.727	226.82	0.128	0.146
60.0	10.099	33.721	25.938	206.88	0.149	0.143
70.0	9.672	33.743	26.027	198.61	0.169	0.088
80.0	9.311	33.787	26.120	189.89	0.189	0.063
100.0	8.868	33.878	26.262	176.74	0.226	0.063
120.0	8.754	33.965	26.349	168.92	0.260	0.113
140.0	8.512	33.998	26.412	163.22	0.293	0.102
160.0	8.388	34.037	26.462	158.84	0.326	0.113
180.0	8.210	34.070	26.515	154.12	0.357	0.112
200.0	7.971	34.085	26.563	149.87	0.387	0.087
250.0	7.514	34.120	26.657	141.58	0.460	0.048
300.0	7.021	34.144	26.746	133.74	0.529	-0.003
350.0	6.458	34.138	26.817	127.36	0.594	-0.084
400.0	6.226	34.191	26.889	121.05	0.656	-0.072
450.0	6.015	34.238	26.954	115.47	0.715	-0.063
500.0	5.662	34.252	27.009	110.55	0.772	-0.096
550.0	5.298	34.251	27.052	106.65	0.826	-0.140
600.0	5.080	34.294	27.112	101.33	0.878	-0.132
650.0	4.981	34.340	27.160	97.24	0.928	-0.107
700.0	4.828	34.378	27.208	93.07	0.975	-0.095
750.0	4.633	34.391	27.241	90.24	1.021	-0.107
800.0	4.483	34.415	27.276	87.14	1.065	-0.104
1000.0	3.887	34.474	27.387	77.43	1.229	-0.121
1200.0	3.318	34.517	27.478	69.07	1.375	-0.143
1400.0	2.913	34.546	27.539	63.50	1.508	-0.158
1600.0	2.617	34.572	27.587	59.25	1.630	-0.164
1800.0	2.323	34.595	27.631	55.07	1.745	-0.171
2000.0	2.098	34.612	27.664	52.00	1.851	-0.176
2200.0	1.933	34.627	27.690	49.67	1.953	-0.178
2400.0	1.823	34.643	27.712	47.86	2.050	-0.175
2600.0	1.745	34.653	27.727	46.82	2.145	-0.174
2800.0	1.671	34.661	27.740	45.91	2.237	-0.174
3000.0	1.624	34.666	27.749	45.53	2.329	-0.175
3200.0	1.601	34.670	27.755	45.52	2.420	-0.174
3300.0	1.581	34.672	27.759	45.38	2.465	-0.175

STATION: 20 DATE: 5/17/89 1348 GMT

LAT: 36 7.2 N. LON: 123 29.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	12.576	33.344	25.194	276.38	0.006	0.305
5.0	12.755	33.333	25.150	280.61	0.014	0.332
10.0	12.917	33.320	25.109	284.68	0.028	0.354
15.0	12.914	33.317	25.107	284.95	0.042	0.352
20.0	12.713	33.324	25.152	280.81	0.056	0.316
25.0	12.499	33.338	25.204	275.96	0.070	0.284
30.0	12.409	33.349	25.230	273.61	0.084	0.275
40.0	12.004	33.362	25.317	265.57	0.111	0.206
50.0	11.125	33.455	25.552	243.46	0.136	0.115
60.0	10.158	33.645	25.869	213.47	0.159	0.093
70.0	9.958	33.688	25.936	207.25	0.180	0.092
80.0	9.549	33.767	26.066	195.10	0.200	0.086
100.0	9.172	33.830	26.177	184.92	0.238	0.074
120.0	8.878	33.879	26.262	177.18	0.274	0.065
140.0	8.560	33.933	26.354	168.73	0.309	0.058
160.0	8.300	33.975	26.427	162.15	0.342	0.051
180.0	8.192	33.999	26.462	159.09	0.374	0.053
200.0	7.984	34.029	26.517	154.18	0.405	0.046
250.0	7.154	34.043	26.647	142.29	0.479	-0.064
300.0	7.001	34.129	26.737	134.58	0.549	-0.018
350.0	6.733	34.138	26.781	131.01	0.615	-0.047
400.0	6.360	34.186	26.868	123.20	0.679	-0.059
450.0	6.083	34.225	26.935	117.33	0.739	-0.064
500.0	5.762	34.249	26.994	112.05	0.796	-0.086
550.0	5.333	34.258	27.054	106.57	0.851	-0.131
600.0	4.918	34.272	27.113	100.99	0.903	-0.168
650.0	4.754	34.305	27.158	97.08	0.952	-0.160
700.0	4.589	34.334	27.200	93.44	1.000	-0.156
750.0	4.416	34.357	27.237	90.18	1.046	-0.157
800.0	4.269	34.384	27.274	86.88	1.090	-0.151
1000.0	3.769	34.458	27.386	77.25	1.254	-0.145
1200.0	3.292	34.498	27.465	70.17	1.401	-0.160
1400.0	2.917	34.534	27.529	64.45	1.536	-0.167
1600.0	2.560	34.562	27.584	59.30	1.660	-0.176
1800.0	2.257	34.588	27.631	54.76	1.773	-0.181
2000.0	2.047	34.613	27.669	51.30	1.879	-0.179
2200.0	1.907	34.627	27.692	49.35	1.979	-0.180
2400.0	1.822	34.640	27.710	48.06	2.077	-0.177
2600.0	1.742	34.652	27.727	46.86	2.172	-0.175
2800.0	1.687	34.659	27.738	46.27	2.264	-0.174
3000.0	1.641	34.663	27.745	45.98	2.357	-0.176
3200.0	1.607	34.668	27.753	45.75	2.448	-0.176
3395.6	1.582	34.668	27.756	45.96	2.538	-0.179

STATION: 19 DATE: 5/18/89 1136 GMT

LAT: 36 13.8 N. LON: 123 11.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.250	33.423	25.318	264.55	0.000	0.304
5.0	12.248	33.425	25.320	264.49	0.013	0.305
10.0	12.241	33.428	25.323	264.25	0.026	0.306
15.0	12.173	33.431	25.339	262.92	0.040	0.295
20.0	12.098	33.435	25.356	261.38	0.053	0.283
25.0	11.962	33.447	25.391	258.17	0.066	0.266
30.0	11.866	33.459	25.419	255.68	0.079	0.257
40.0	11.160	33.491	25.573	241.19	0.104	0.150
50.0	9.827	33.561	25.859	214.17	0.126	-0.030
60.0	9.394	33.720	26.054	195.77	0.146	0.023
70.0	9.223	33.771	26.122	189.53	0.166	0.036
80.0	9.038	33.820	26.190	183.25	0.184	0.044
100.0	8.709	33.944	26.339	169.45	0.220	0.090
120.0	8.504	34.004	26.418	162.30	0.253	0.105
140.0	8.252	34.030	26.477	157.02	0.285	0.087
160.0	8.101	34.057	26.521	153.16	0.316	0.085
180.0	7.713	34.049	26.572	148.55	0.346	0.021
200.0	7.429	34.057	26.619	144.30	0.375	-0.013
250.0	6.955	34.078	26.702	137.02	0.445	-0.064
300.0	6.524	34.096	26.774	130.67	0.512	-0.108
350.0	6.441	34.161	26.837	125.43	0.576	-0.068
400.0	6.236	34.210	26.903	119.77	0.637	-0.056
450.0	5.996	34.220	26.942	116.57	0.696	-0.079
500.0	5.636	34.253	27.013	110.14	0.753	-0.098
550.0	5.365	34.286	27.072	104.88	0.806	-0.105
600.0	5.161	34.331	27.132	99.57	0.857	-0.093
650.0	4.907	34.354	27.180	95.29	0.906	-0.105
700.0	4.697	34.375	27.220	91.70	0.953	-0.112
750.0	4.546	34.397	27.255	88.75	0.998	-0.111
800.0	4.384	34.409	27.282	86.39	1.042	-0.120
1000.0	3.948	34.453	27.364	79.71	1.208	-0.131
1200.0	3.445	34.494	27.448	72.27	1.360	-0.149
1400.0	2.964	34.530	27.522	65.28	1.497	-0.166
1600.0	2.666	34.558	27.572	60.86	1.622	-0.171
1800.0	2.326	34.583	27.621	55.99	1.739	-0.180
2000.0	2.084	34.606	27.660	52.27	1.847	-0.182
2200.0	1.941	34.624	27.687	49.99	1.949	-0.180
2400.0	1.822	34.639	27.709	48.14	2.047	-0.178
2600.0	1.741	34.651	27.726	46.91	2.142	-0.176
2800.0	1.684	34.661	27.739	46.08	2.234	-0.173
3000.0	1.621	34.664	27.748	45.63	2.326	-0.176
3200.0	1.582	34.669	27.756	45.32	2.417	-0.176
3274.0	1.570	34.672	27.760	45.15	2.451	-0.175

STATION: 24 DATE: 5/18/89 2348 GMT

LAT: 36 36.2 N. LON: 122 29.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.199	33.215	24.971	297.49	0.000	0.329
5.0	13.200	33.216	24.972	297.57	0.015	0.330
10.0	13.209	33.215	24.970	297.93	0.030	0.331
15.0	13.168	33.218	24.981	297.01	0.045	0.325
20.0	12.801	33.276	25.098	285.99	0.059	0.296
25.0	11.965	33.279	25.260	270.63	0.073	0.133
30.0	10.860	33.322	25.495	248.38	0.086	-0.039
40.0	9.995	33.466	25.756	223.70	0.109	-0.077
50.0	9.534	33.574	25.917	208.59	0.131	-0.069
60.0	9.365	33.689	26.035	197.62	0.151	-0.006
70.0	9.211	33.789	26.138	188.01	0.170	0.048
80.0	8.954	33.833	26.213	181.01	0.189	0.041
100.0	8.692	33.899	26.306	172.54	0.224	0.052
120.0	8.430	33.943	26.381	165.74	0.258	0.046
140.0	8.099	33.952	26.438	160.60	0.290	0.002
160.0	7.888	33.995	26.504	154.71	0.322	0.005
180.0	7.548	34.011	26.566	149.06	0.352	-0.032
200.0	7.402	34.017	26.591	146.90	0.382	-0.049
250.0	6.883	34.031	26.675	139.55	0.453	-0.111
300.0	7.071	34.158	26.750	133.38	0.522	0.015
350.0	6.769	34.168	26.799	129.27	0.587	-0.019
400.0	6.605	34.220	26.863	123.91	0.650	0.000
450.0	6.305	34.234	26.914	119.56	0.711	-0.029
500.0	5.875	34.239	26.973	114.23	0.770	-0.080
550.0	5.609	34.263	27.025	109.66	0.825	-0.094
600.0	5.416	34.280	27.062	106.54	0.879	-0.104
650.0	5.249	34.322	27.115	101.89	0.931	-0.091
700.0	4.994	34.340	27.159	97.93	0.981	-0.106
750.0	4.804	34.358	27.195	94.78	1.030	-0.114
800.0	4.590	34.386	27.242	90.58	1.076	-0.116
1000.0	4.116	34.433	27.331	83.21	1.248	-0.130
1200.0	3.590	34.476	27.420	75.33	1.406	-0.150
1400.0	3.091	34.519	27.502	67.60	1.549	-0.163
1600.0	2.700	34.554	27.566	61.56	1.678	-0.171
1800.0	2.395	34.584	27.617	56.75	1.796	-0.174
2000.0	2.120	34.611	27.661	52.34	1.905	-0.175
2200.0	1.941	34.631	27.693	49.48	2.007	-0.174
2400.0	1.819	34.646	27.715	47.59	2.104	-0.173
2600.0	1.715	34.655	27.731	46.28	2.198	-0.174
2784.0	1.670	34.665	27.744	45.55	2.282	-0.171

STATION: 25 DATE: 5/19/89 0800 GMT

LAT: 36 33.9 N. LON: 122 14.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.863	33.308	25.110	284.31	0.000	0.334
5.0	12.865	33.309	25.110	284.41	0.014	0.335
10.0	12.867	33.312	25.112	284.33	0.028	0.338
15.0	12.837	33.313	25.119	283.83	0.043	0.333
20.0	12.443	33.318	25.200	276.28	0.057	0.258
25.0	10.539	33.334	25.560	242.03	0.070	-0.086
30.0	10.230	33.351	25.627	235.82	0.082	-0.128
40.0	9.993	33.446	25.741	225.15	0.105	-0.093
50.0	9.751	33.550	25.863	213.78	0.127	-0.052
60.0	9.682	33.652	25.954	205.32	0.147	0.017
70.0	9.541	33.767	26.067	194.77	0.167	0.085
80.0	9.423	33.820	26.128	189.18	0.187	0.107
100.0	9.028	33.885	26.243	178.64	0.223	0.094
120.0	8.669	33.950	26.350	168.76	0.258	0.088
140.0	8.446	33.959	26.392	165.14	0.291	0.060
160.0	8.085	33.985	26.467	158.28	0.324	0.026
180.0	7.883	34.017	26.522	153.33	0.355	0.021
200.0	7.676	34.024	26.558	150.20	0.385	-0.004
250.0	7.214	34.060	26.652	141.88	0.459	-0.042
300.0	7.273	34.183	26.741	134.31	0.528	0.063
350.0	6.739	34.179	26.812	128.05	0.594	-0.014
400.0	6.463	34.200	26.866	123.50	0.657	-0.035
450.0	6.343	34.260	26.929	118.13	0.717	-0.004
500.0	6.005	34.262	26.975	114.20	0.775	-0.046
550.0	5.719	34.280	27.025	109.80	0.831	-0.067
600.0	5.587	34.305	27.061	106.86	0.885	-0.064
650.0	5.352	34.335	27.113	102.23	0.937	-0.069
700.0	5.163	34.355	27.152	98.92	0.987	-0.075
750.0	4.893	34.381	27.204	94.17	1.036	-0.086
800.0	4.736	34.396	27.234	91.63	1.082	-0.092
1000.0	4.170	34.447	27.337	82.83	1.256	-0.114
1200.0	3.623	34.488	27.426	74.84	1.414	-0.137
1400.0	3.083	34.526	27.508	66.99	1.554	-0.159
1600.0	2.642	34.557	27.573	60.65	1.682	-0.174
1800.0	2.424	34.580	27.611	57.39	1.799	-0.175
2000.0	2.111	34.609	27.661	52.38	1.911	-0.178
2200.0	1.974	34.622	27.683	50.55	2.013	-0.179
2400.0	1.849	34.634	27.703	48.85	2.112	-0.180
2522.0	1.796	34.638	27.711	48.30	2.172	-0.181

STATION: 30 DATE: 5/20/89 0111 GMT

LAT: 36 46.8 N. LON: 121 55.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.629	33.668	25.624	235.37	0.000	0.379
5.0	11.629	33.669	25.625	235.41	0.012	0.379
10.0	11.608	33.683	25.640	234.12	0.024	0.386
15.0	11.413	33.678	25.673	231.16	0.035	0.346
20.0	10.763	33.670	25.783	220.78	0.046	0.220
25.0	10.506	33.681	25.837	215.76	0.057	0.184
30.0	10.043	33.719	25.945	205.52	0.068	0.132
40.0	9.464	33.819	26.120	189.13	0.088	0.114
50.0	9.208	33.865	26.197	181.95	0.106	0.108
60.0	9.206	33.868	26.200	181.89	0.124	0.110
70.0	9.138	33.880	26.221	180.14	0.142	0.108
80.0	8.965	33.912	26.273	175.31	0.160	0.106
100.0	8.648	33.970	26.369	166.61	0.194	0.101
120.0	8.558	33.987	26.396	164.36	0.227	0.100
140.0	8.377	34.010	26.442	160.33	0.260	0.090
160.0	8.358	34.023	26.456	159.43	0.292	0.097
180.0	8.268	34.038	26.481	157.34	0.323	0.095
200.0	8.173	34.054	26.508	155.10	0.355	0.093
250.0	7.908	34.095	26.581	149.05	0.431	0.085
300.0	7.611	34.106	26.633	144.78	0.504	0.050
350.0	7.255	34.141	26.712	137.94	0.576	0.026
400.0	6.866	34.173	26.791	130.93	0.643	-0.002
450.0	6.402	34.207	26.880	122.85	0.706	-0.038
500.0	6.152	34.233	26.933	118.28	0.766	-0.050

STATION: 27 DATE: 5/20/89 0906 GMT

LAT: 36 43.4 N. LON: 122 14.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.382	33.476	25.521	245.25	0.000	0.180
5.0	11.373	33.481	25.526	244.84	0.012	0.182
10.0	11.351	33.484	25.533	244.34	0.024	0.180
15.0	11.299	33.485	25.543	243.49	0.037	0.171
20.0	10.825	33.435	25.589	239.22	0.049	0.045
25.0	10.290	33.412	25.664	232.18	0.061	-0.069
30.0	10.280	33.452	25.697	229.15	0.072	-0.039
40.0	9.802	33.613	25.903	209.73	0.094	0.007
50.0	9.629	33.647	25.959	204.67	0.115	0.005
60.0	9.338	33.744	26.082	193.12	0.134	0.033
70.0	9.099	33.818	26.178	184.15	0.153	0.053
80.0	8.973	33.845	26.220	180.41	0.172	0.054
100.0	8.710	33.909	26.311	172.06	0.207	0.063
120.0	8.559	33.928	26.350	168.76	0.241	0.054
140.0	8.207	33.943	26.415	162.83	0.274	0.011
160.0	8.054	33.973	26.462	158.72	0.306	0.012
180.0	7.789	33.995	26.518	153.63	0.337	-0.010
200.0	7.891	34.070	26.563	149.84	0.368	0.064
250.0	7.468	34.114	26.659	141.38	0.440	0.037
300.0	7.167	34.154	26.733	135.00	0.509	0.025
350.0	6.983	34.204	26.799	129.50	0.575	0.039
400.0	6.678	34.225	26.857	124.52	0.639	0.013
450.0	6.339	34.229	26.905	120.38	0.700	-0.029
500.0	6.062	34.244	26.953	116.28	0.759	-0.053
550.0	5.661	34.248	27.006	111.43	0.816	-0.099
600.0	5.596	34.285	27.044	108.45	0.871	-0.079
650.0	5.512	34.307	27.072	106.34	0.925	-0.072
700.0	5.208	34.334	27.130	101.05	0.977	-0.087
750.0	4.885	34.371	27.197	94.81	1.025	-0.095
800.0	4.693	34.387	27.231	91.77	1.072	-0.104
1000.0	3.953	34.460	27.369	79.25	1.242	-0.125
1028.0	3.833	34.475	27.393	76.94	1.264	-0.126

STATION: 28 DATE: 5/22/89 1211 GMT

LAT: 36 45.5 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	10.900	33.692	25.775	221.03	0.000	0.263
5.0	10.904	33.693	25.776	221.10	0.011	0.265
10.0	10.893	33.693	25.778	221.06	0.022	0.262
15.0	10.904	33.697	25.779	221.02	0.033	0.268
20.0	10.886	33.693	25.779	221.15	0.044	0.261
25.0	10.847	33.689	25.783	220.90	0.055	0.250
30.0	10.813	33.684	25.785	220.80	0.066	0.240
40.0	10.839	33.690	25.785	221.01	0.088	0.249
50.0	9.864	33.683	25.948	205.72	0.110	0.073
60.0	9.284	33.774	26.114	190.06	0.130	0.048
70.0	9.116	33.834	26.188	183.22	0.149	0.068
80.0	9.071	33.910	26.255	177.07	0.167	0.121
100.0	8.851	33.978	26.343	169.06	0.201	0.139
120.0	8.639	34.009	26.401	163.93	0.234	0.130
140.0	8.508	34.063	26.464	158.33	0.267	0.152
160.0	8.423	34.079	26.490	156.24	0.298	0.152
180.0	8.345	34.093	26.513	154.39	0.329	0.150
200.0	7.927	34.079	26.564	149.69	0.360	0.076
250.0	7.709	34.116	26.626	144.64	0.433	0.073
300.0	7.686	34.189	26.688	139.70	0.504	0.126
350.0	7.312	34.195	26.746	134.74	0.573	0.077
400.0	6.941	34.186	26.791	131.00	0.640	0.018
450.0	6.639	34.201	26.844	126.48	0.704	-0.011
500.0	6.301	34.228	26.910	120.62	0.766	-0.035
550.0	5.996	34.251	26.968	115.54	0.825	-0.056
600.0	5.729	34.275	27.020	110.91	0.882	-0.070
650.0	5.433	34.304	27.079	105.55	0.936	-0.084
700.0	5.147	34.333	27.136	100.35	0.987	-0.095
750.0	4.953	34.353	27.175	96.99	1.036	-0.101
800.0	4.730	34.374	27.217	93.19	1.084	-0.110
998.0	3.749	34.468	27.396	76.23	1.252	-0.139

STATION: 29 DATE: 5/22/89 1415 GMT

LAT: 36 42.2 N. LON: 122 1.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.034	33.694	25.753	223.16	0.000	0.289
5.0	10.984	33.683	25.753	223.23	0.011	0.271
10.0	10.949	33.692	25.767	222.08	0.022	0.271
15.0	10.902	33.698	25.780	220.92	0.033	0.268
20.0	10.892	33.701	25.784	220.66	0.044	0.268
25.0	10.875	33.699	25.786	220.59	0.055	0.264
30.0	10.750	33.690	25.801	219.30	0.066	0.233
40.0	9.667	33.682	25.979	202.47	0.088	0.039
50.0	9.383	33.805	26.122	189.10	0.107	0.089
60.0	9.408	33.850	26.154	186.34	0.126	0.129
70.0	9.134	33.875	26.217	180.45	0.144	0.104
80.0	9.029	33.900	26.254	177.18	0.162	0.106
100.0	8.762	33.960	26.343	169.05	0.197	0.111
120.0	8.502	34.027	26.436	160.56	0.230	0.123
140.0	8.319	34.028	26.465	158.15	0.262	0.096
160.0	8.080	34.073	26.537	151.67	0.293	0.095
180.0	8.151	34.122	26.565	149.40	0.323	0.144
200.0	8.087	34.129	26.580	148.29	0.352	0.140
250.0	7.770	34.166	26.657	141.80	0.425	0.121
300.0	7.607	34.184	26.695	138.94	0.495	0.111
350.0	7.285	34.192	26.748	134.58	0.563	0.071
400.0	6.801	34.213	26.831	127.08	0.629	0.020
450.0	6.519	34.226	26.880	123.00	0.691	-0.007
500.0	6.216	34.243	26.933	118.38	0.752	-0.034
550.0	5.869	34.257	26.988	113.44	0.810	-0.067
600.0	5.543	34.292	27.056	107.26	0.865	-0.079
650.0	5.203	34.325	27.123	101.10	0.916	-0.094
700.0	4.999	34.350	27.167	97.25	0.966	-0.098
750.0	4.729	34.368	27.212	93.12	1.013	-0.114
800.0	4.625	34.378	27.232	91.60	1.059	-0.118
1000.0	4.121	34.435	27.332	83.12	1.234	-0.128
1200.0	3.513	34.491	27.439	73.30	1.393	-0.145
1400.0	3.044	34.538	27.521	65.64	1.531	-0.153
1476.0	2.833	34.558	27.557	62.13	1.580	-0.156

STATION: 26 DATE: 5/22/89 2136 GMT

LAT: 36 38.0 N. LON: 122 8.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.907	33.262	25.066	288.53	0.000	0.307
5.0	12.907	33.262	25.066	288.65	0.014	0.306
10.0	12.907	33.262	25.066	288.77	0.029	0.306
15.0	12.907	33.262	25.066	288.89	0.043	0.306
20.0	12.460	33.262	25.153	280.72	0.058	0.217
25.0	11.034	33.247	25.405	256.78	0.071	-0.067
30.0	10.760	33.254	25.460	251.73	0.084	-0.111
40.0	10.165	33.427	25.697	229.33	0.108	-0.079
50.0	10.200	33.610	25.834	216.54	0.130	0.073
60.0	9.888	33.684	25.945	206.22	0.151	0.077
70.0	9.619	33.757	26.047	196.74	0.171	0.090
80.0	9.237	33.796	26.139	188.08	0.190	0.058
100.0	9.014	33.904	26.260	177.02	0.227	0.107
120.0	8.705	33.942	26.338	169.89	0.261	0.088
140.0	8.439	33.960	26.394	164.96	0.295	0.060
160.0	8.263	34.005	26.456	159.38	0.327	0.069
180.0	8.168	34.043	26.500	155.51	0.359	0.084
200.0	7.996	34.054	26.535	152.54	0.389	0.067
250.0	7.530	34.085	26.627	144.41	0.464	0.022
300.0	7.391	34.180	26.723	136.18	0.534	0.077
350.0	7.162	34.213	26.781	131.31	0.601	0.070
400.0	6.847	34.222	26.832	127.04	0.666	0.034
450.0	6.387	34.246	26.913	119.75	0.728	-0.009
500.0	5.967	34.229	26.953	116.16	0.787	-0.076
550.0	5.728	34.264	27.011	111.10	0.843	-0.079
600.0	5.472	34.302	27.072	105.62	0.898	-0.080
650.0	5.292	34.325	27.113	102.21	0.949	-0.084
700.0	5.113	34.342	27.147	99.26	1.000	-0.091
750.0	4.978	34.356	27.174	97.08	1.049	-0.096
800.0	4.701	34.382	27.226	92.24	1.096	-0.107
1000.0	4.077	34.438	27.339	82.37	1.270	-0.130
1200.0	3.523	34.492	27.439	73.35	1.426	-0.144
1400.0	3.014	34.536	27.523	65.43	1.565	-0.157
1600.0	2.752	34.564	27.569	61.45	1.692	-0.159
1800.0	2.384	34.599	27.630	55.51	1.809	-0.163
1998.0	2.169	34.617	27.662	52.50	1.916	-0.167

STATION: 0 DATE: 7/28/89 1911 GMT

LAT: 36 33.6 N. LON: 122 1.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.3	11.853	33.497	25.450	252.01	0.006	0.286
5.0	11.786	33.633	25.568	240.83	0.012	0.380
10.0	11.743	33.681	25.614	236.61	0.024	0.410
15.0	11.644	33.715	25.658	232.51	0.036	0.418
20.0	11.015	33.724	25.780	221.02	0.047	0.309
25.0	10.992	33.769	25.819	217.45	0.058	0.340
30.0	10.834	33.796	25.868	212.89	0.069	0.333
40.0	10.427	33.833	25.969	203.54	0.090	0.289
50.0	9.998	33.863	26.066	194.51	0.110	0.238
60.0	9.800	33.894	26.123	189.27	0.129	0.229
70.0	9.734	33.905	26.143	187.59	0.148	0.226
80.0	9.339	33.909	26.211	181.31	0.166	0.164
100.0	9.179	33.923	26.248	178.16	0.202	0.148
120.0	8.994	33.978	26.321	171.59	0.237	0.162
140.0	8.999	34.021	26.354	168.84	0.271	0.196
160.0	8.891	34.044	26.390	165.86	0.304	0.197
180.0	8.840	34.057	26.408	164.52	0.337	0.198
200.0	8.768	34.078	26.436	162.20	0.370	0.204
250.0	8.197	34.111	26.550	152.07	0.449	0.141
300.0	7.815	34.141	26.631	145.10	0.523	0.107
350.0	7.428	34.160	26.702	139.00	0.594	0.065
400.0	7.125	34.194	26.772	132.96	0.662	0.049
450.0	6.736	34.201	26.831	127.79	0.728	0.002
500.0	6.408	34.232	26.899	121.75	0.790	-0.018
550.0	6.252	34.247	26.932	119.25	0.850	-0.027
600.0	5.972	34.263	26.980	114.98	0.909	-0.050
650.0	5.372	34.314	27.094	104.06	0.963	-0.083
700.0	4.927	34.350	27.175	96.35	1.014	-0.106
750.0	4.874	34.359	27.188	95.56	1.062	-0.105
800.0	4.493	34.395	27.259	88.74	1.107	-0.119
877.6	4.267	34.420	27.304	84.90	1.174	-0.124

STATION: 1 DATE: 7/28/89 2136 GMT

LAT: 36 20.3 N. LON: 121 55.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	10.797	33.805	25.882	210.98	0.004	0.334
5.0	10.797	33.810	25.886	210.67	0.011	0.337
10.0	10.538	33.813	25.934	206.22	0.021	0.294
15.0	10.369	33.824	25.971	202.74	0.031	0.272
20.0	10.313	33.831	25.986	201.43	0.041	0.268
25.0	10.250	33.835	26.000	200.21	0.051	0.260
30.0	10.121	33.842	26.028	197.67	0.061	0.243
40.0	9.684	33.879	26.131	188.10	0.081	0.198
45.5	9.550	33.895	26.165	184.94	0.091	0.188

STATION: 2 DATE: 7/28/89 2211 GMT

LAT: 36 20.4 N. LON: 121 58.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.866	33.770	25.660	232.10	0.007	0.504
5.0	11.855	33.771	25.663	231.88	0.012	0.503
10.0	11.750	33.778	25.688	229.61	0.023	0.488
15.0	11.446	33.790	25.753	223.51	0.034	0.440
20.0	10.963	33.818	25.863	213.21	0.045	0.373
25.0	10.604	33.836	25.940	205.91	0.056	0.324
30.0	10.487	33.841	25.965	203.73	0.066	0.306
40.0	9.974	33.873	26.078	193.17	0.086	0.242
50.0	9.797	33.889	26.120	189.40	0.105	0.224
60.0	9.709	33.894	26.139	187.81	0.124	0.214
70.0	9.667	33.892	26.144	187.49	0.143	0.205
80.0	9.389	33.923	26.214	181.02	0.161	0.183
100.0	9.042	33.978	26.313	171.97	0.196	0.170
101.7	9.031	33.980	26.317	171.67	0.199	0.170

STATION: 3 DATE: 7/28/89 2248 GMT

LAT: 36 20.5 N. LON: 121 59.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	12.494	33.746	25.521	245.23	0.005	0.607
5.0	12.494	33.746	25.521	245.30	0.012	0.607
10.0	12.493	33.747	25.522	245.34	0.025	0.607
15.0	12.471	33.747	25.527	245.06	0.037	0.603
20.0	12.414	33.750	25.540	243.90	0.049	0.594
25.0	12.068	33.746	25.603	238.05	0.061	0.523
30.0	11.245	33.709	25.727	226.32	0.073	0.338
40.0	10.520	33.674	25.829	216.85	0.095	0.180
50.0	10.200	33.671	25.882	212.02	0.116	0.121
60.0	9.806	33.638	25.922	208.35	0.137	0.027
70.0	9.698	33.691	25.982	202.86	0.158	0.051
80.0	9.846	33.802	26.044	197.20	0.178	0.164
100.0	9.465	33.915	26.196	183.18	0.216	0.189
120.0	8.772	34.042	26.406	163.46	0.250	0.177
135.0	8.600	34.081	26.464	158.27	0.274	0.181

STATION: 4 DATE: 7/29/89 0000 GMT

LAT: 36 20.8 N. LON: 122 4.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.4	13.179	33.752	25.391	257.63	0.006	0.749
5.0	13.189	33.754	25.390	257.76	0.013	0.753
10.0	13.172	33.749	25.391	257.89	0.026	0.745
15.0	12.657	33.737	25.483	249.21	0.038	0.633
20.0	12.008	33.746	25.614	236.84	0.051	0.512
25.0	11.393	33.746	25.729	226.04	0.062	0.395
30.0	10.943	33.745	25.810	218.49	0.073	0.312
40.0	10.772	33.787	25.873	212.70	0.095	0.314
50.0	10.675	33.816	25.913	209.12	0.116	0.320
60.0	10.561	33.843	25.954	205.44	0.137	0.320
70.0	10.449	33.853	25.981	203.05	0.157	0.308
80.0	10.255	33.869	26.027	198.87	0.177	0.287
100.0	9.325	33.910	26.214	181.38	0.215	0.162
120.0	9.039	33.957	26.297	173.86	0.251	0.152
140.0	8.752	33.995	26.373	167.03	0.285	0.137
160.0	8.748	34.042	26.411	163.80	0.318	0.173
180.0	8.554	34.066	26.460	159.50	0.350	0.161
200.0	8.346	34.077	26.500	155.95	0.381	0.138
250.0	8.200	34.131	26.566	150.60	0.458	0.158
300.0	7.666	34.167	26.673	141.07	0.532	0.106
345.8	7.196	34.191	26.759	133.35	0.594	0.058

STATION: 5 DATE: 7/29/89 0048 GMT

LAT: 36 20.5 N. LON: 122 8.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.2	12.892	33.721	25.424	254.48	0.006	0.667
5.0	12.896	33.724	25.426	254.41	0.013	0.670
10.0	12.899	33.724	25.425	254.58	0.025	0.670
15.0	12.900	33.723	25.424	254.80	0.038	0.669
20.0	12.865	33.725	25.433	254.10	0.051	0.664
25.0	12.708	33.733	25.470	250.68	0.064	0.639
30.0	12.222	33.747	25.575	240.89	0.076	0.554
40.0	11.092	33.809	25.833	216.53	0.098	0.389
50.0	10.832	33.822	25.890	211.34	0.120	0.352
60.0	10.750	33.827	25.908	209.80	0.141	0.341
70.0	10.255	33.862	26.022	199.17	0.161	0.282
80.0	9.859	33.878	26.101	191.78	0.181	0.226
100.0	9.452	33.920	26.202	182.60	0.218	0.191
120.0	8.974	33.991	26.335	170.32	0.254	0.169
140.0	8.652	34.026	26.413	163.19	0.287	0.146
160.0	8.449	34.056	26.468	158.33	0.320	0.137
180.0	8.310	34.083	26.510	154.62	0.351	0.137
200.0	8.093	34.097	26.554	150.77	0.381	0.115
250.0	7.646	34.134	26.650	142.37	0.454	0.078
300.0	7.610	34.177	26.689	139.48	0.525	0.106
350.0	7.417	34.186	26.724	136.87	0.594	0.085
400.0	7.073	34.189	26.775	132.59	0.661	0.039
450.0	6.883	34.228	26.833	127.81	0.726	0.043
500.0	6.668	34.252	26.881	123.76	0.789	0.032
550.0	6.125	34.255	26.954	116.95	0.849	-0.037
600.0	5.771	34.264	27.006	112.26	0.907	-0.074
650.0	5.361	34.313	27.095	103.97	0.961	-0.085
700.0	5.050	34.344	27.156	98.33	1.012	-0.097
704.2	5.044	34.346	27.158	98.15	1.016	-0.096

STATION: 6 DATE: 7/29/89 0218 GMT

LAT: 36 20.5 N. LON: 122 12.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.5	12.795	33.743	25.460	251.05	0.006	0.665
5.0	12.790	33.743	25.461	251.01	0.013	0.663
10.0	12.791	33.743	25.461	251.17	0.025	0.663
15.0	12.709	33.746	25.480	249.51	0.038	0.650
20.0	12.677	33.745	25.485	249.13	0.050	0.642
25.0	12.389	33.747	25.543	243.78	0.062	0.587
30.0	11.851	33.774	25.666	232.16	0.074	0.504
40.0	11.371	33.791	25.769	222.65	0.097	0.427
50.0	11.119	33.809	25.829	217.15	0.119	0.394
60.0	10.829	33.835	25.900	210.58	0.140	0.362
70.0	10.381	33.852	25.992	202.04	0.161	0.295
80.0	10.048	33.862	26.057	195.99	0.181	0.246
100.0	9.405	33.927	26.215	181.38	0.219	0.188
120.0	9.034	33.988	26.323	171.46	0.254	0.176
140.0	8.871	34.020	26.374	166.94	0.288	0.176
160.0	8.578	34.066	26.456	159.47	0.321	0.166
180.0	8.618	34.119	26.491	156.54	0.352	0.213
200.0	8.514	34.140	26.524	153.78	0.383	0.213
250.0	8.153	34.168	26.602	147.20	0.459	0.179
300.0	7.586	34.158	26.678	140.57	0.530	0.087
350.0	7.263	34.189	26.748	134.51	0.599	0.065
400.0	6.906	34.196	26.804	129.75	0.665	0.021
450.0	6.817	34.256	26.863	124.86	0.728	0.055
500.0	6.536	34.257	26.902	121.63	0.790	0.018
550.0	6.087	34.258	26.962	116.22	0.849	-0.039
600.0	5.798	34.275	27.012	111.79	0.906	-0.062
650.0	5.408	34.285	27.067	106.65	0.961	-0.101
700.0	5.158	34.301	27.110	102.87	1.013	-0.118
750.0	4.798	34.307	27.156	98.48	1.063	-0.155
800.0	4.677	34.352	27.205	94.16	1.112	-0.133
929.9	4.437	34.404	27.274	88.63	1.229	-0.119

STATION: 7 DATE: 7/29/89 0800 GMT

LAT: 36 20.3 N. LON: 122 14.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.6	12.948	33.702	25.398	256.94	0.007	0.663
5.0	12.947	33.709	25.404	256.46	0.013	0.668
10.0	12.945	33.710	25.405	256.50	0.026	0.668
15.0	12.307	33.726	25.542	243.61	0.038	0.555
20.0	11.620	33.754	25.694	229.28	0.050	0.445
25.0	11.307	33.775	25.767	222.39	0.061	0.403
30.0	11.196	33.778	25.790	220.37	0.072	0.384
40.0	10.628	33.812	25.917	208.44	0.094	0.308
50.0	10.073	33.848	26.041	196.87	0.114	0.239
60.0	9.833	33.873	26.101	191.36	0.134	0.218
70.0	9.660	33.891	26.145	187.41	0.153	0.203
80.0	9.415	33.897	26.189	183.36	0.171	0.167
100.0	9.012	33.991	26.328	170.56	0.206	0.175
120.0	8.781	34.029	26.395	164.57	0.240	0.168
140.0	8.645	34.050	26.433	161.34	0.272	0.163
160.0	8.476	34.063	26.469	158.21	0.304	0.147
180.0	8.372	34.075	26.494	156.14	0.336	0.140
200.0	8.214	34.088	26.529	153.18	0.367	0.126
250.0	7.901	34.141	26.618	145.53	0.441	0.121
300.0	7.275	34.105	26.680	140.13	0.512	0.002
350.0	7.326	34.185	26.737	135.64	0.581	0.071
400.0	6.798	34.186	26.810	129.05	0.648	-0.001
450.0	6.781	34.254	26.867	124.45	0.711	0.050
500.0	6.467	34.267	26.919	119.96	0.772	0.017
550.0	5.873	34.254	26.985	113.73	0.831	-0.069
600.0	5.726	34.282	27.026	110.37	0.887	-0.066
650.0	5.368	34.296	27.080	105.33	0.941	-0.098
700.0	5.175	34.320	27.123	101.67	0.993	-0.102
750.0	4.810	34.314	27.160	98.12	1.043	-0.148
800.0	4.665	34.344	27.200	94.62	1.091	-0.141
974.1	4.050	34.435	27.339	82.04	1.245	-0.135

STATION: 8 DATE: 7/29/89 0923 GMT

LAT: 36 20.0 N. LON: 122 18.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.2	12.904	33.708	25.412	255.66	0.006	0.659
5.0	12.905	33.708	25.412	255.75	0.013	0.659
10.0	12.904	33.709	25.413	255.77	0.026	0.659
15.0	12.898	33.709	25.414	255.79	0.038	0.658
20.0	12.825	33.718	25.436	253.88	0.051	0.650
25.0	11.765	33.762	25.673	231.41	0.063	0.478
30.0	11.225	33.806	25.806	218.84	0.074	0.411
40.0	10.719	33.822	25.910	209.19	0.096	0.333
50.0	10.178	33.859	26.032	197.76	0.116	0.266
60.0	9.920	33.878	26.091	192.37	0.135	0.237
70.0	9.768	33.895	26.130	188.88	0.155	0.224
80.0	9.561	33.912	26.177	184.53	0.173	0.203
100.0	9.154	33.959	26.280	175.11	0.209	0.173
120.0	8.934	34.006	26.353	168.58	0.243	0.175
140.0	8.725	34.035	26.408	163.64	0.276	0.164
160.0	8.646	34.061	26.441	160.87	0.309	0.172
180.0	8.484	34.077	26.479	157.62	0.341	0.159
200.0	8.230	34.089	26.527	153.36	0.372	0.129
250.0	7.793	34.128	26.623	144.95	0.446	0.095
300.0	7.526	34.161	26.689	139.47	0.517	0.081
350.0	6.836	34.129	26.759	133.08	0.585	-0.041
400.0	6.718	34.179	26.815	128.50	0.651	-0.018
450.0	6.677	34.248	26.876	123.53	0.714	0.031
500.0	6.512	34.266	26.913	120.63	0.775	0.023
550.0	6.161	34.283	26.972	115.34	0.834	-0.010
600.0	5.665	34.262	27.018	111.02	0.891	-0.088
650.0	5.453	34.279	27.057	107.67	0.945	-0.101
700.0	5.368	34.318	27.098	104.27	0.998	-0.081
750.0	5.114	34.336	27.143	100.26	1.049	-0.096
800.0	4.796	34.364	27.202	94.74	1.099	-0.111
967.8	4.194	34.426	27.317	84.39	1.250	-0.127

STATION: 9 DATE: 7/29/89 1123 GMT

LAT: 36 20.1 N. LON: 122 21.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.7	13.165	33.723	25.371	259.50	0.007	0.724
5.0	13.162	33.727	25.375	259.25	0.013	0.726
10.0	13.165	33.726	25.374	259.46	0.026	0.726
15.0	13.166	33.725	25.374	259.64	0.039	0.725
20.0	13.163	33.726	25.375	259.68	0.052	0.725
25.0	12.351	33.736	25.542	243.88	0.065	0.571
30.0	12.034	33.763	25.624	236.22	0.077	0.530
40.0	11.126	33.798	25.818	217.89	0.099	0.387
50.0	10.495	33.819	25.946	205.93	0.120	0.290
60.0	10.109	33.897	26.074	194.01	0.141	0.284
70.0	9.715	33.912	26.152	186.76	0.160	0.229
80.0	9.443	33.956	26.231	179.43	0.178	0.218
100.0	9.089	33.983	26.310	172.30	0.213	0.181
120.0	8.846	34.026	26.382	165.78	0.247	0.176
140.0	8.715	34.050	26.422	162.36	0.280	0.175
160.0	8.587	34.079	26.464	158.70	0.312	0.177
180.0	8.430	34.089	26.497	155.97	0.343	0.160
200.0	8.237	34.089	26.526	153.46	0.374	0.130
250.0	7.905	34.131	26.610	146.31	0.449	0.114
300.0	7.546	34.148	26.676	140.71	0.520	0.074
350.0	6.768	34.078	26.729	135.94	0.590	-0.090
400.0	6.780	34.205	26.828	127.38	0.656	0.011
450.0	6.659	34.243	26.874	123.65	0.719	0.024
500.0	6.488	34.280	26.927	119.28	0.779	0.030
550.0	6.198	34.287	26.970	115.54	0.838	-0.002
600.0	5.526	34.238	27.015	111.06	0.895	-0.124
650.0	5.370	34.282	27.069	106.39	0.949	-0.108
700.0	5.174	34.318	27.121	101.82	1.001	-0.103
750.0	5.048	34.348	27.160	98.55	1.051	-0.095
800.0	4.828	34.356	27.192	95.73	1.100	-0.113
1000.0	4.127	34.421	27.321	84.21	1.279	-0.138
1200.0	3.401	34.497	27.454	71.53	1.435	-0.151
1235.9	3.307	34.504	27.469	70.16	1.461	-0.154

STATION: 10 DATE: 7/29/89 1523 GMT

LAT: 36 20.5 N. LON: 122 24.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.362	33.746	25.350	261.56	0.005	0.782
5.0	13.362	33.746	25.350	261.63	0.013	0.782
10.0	13.358	33.745	25.350	261.75	0.026	0.781
15.0	13.355	33.746	25.351	261.75	0.039	0.780
20.0	13.351	33.746	25.352	261.80	0.052	0.779
25.0	13.348	33.745	25.352	261.95	0.065	0.778
30.0	13.341	33.744	25.353	262.01	0.079	0.775
40.0	12.433	33.769	25.552	243.32	0.104	0.612
50.0	11.710	33.768	25.688	230.57	0.128	0.472
60.0	10.696	33.822	25.914	209.27	0.150	0.327
70.0	10.182	33.854	26.028	198.60	0.170	0.262
80.0	9.845	33.905	26.125	189.55	0.190	0.245
100.0	9.235	33.963	26.271	176.02	0.226	0.189
120.0	8.904	34.022	26.370	166.96	0.261	0.182
140.0	8.780	34.063	26.421	162.43	0.294	0.195
160.0	8.679	34.082	26.453	159.81	0.326	0.194
180.0	8.541	34.112	26.498	155.89	0.357	0.195
200.0	8.372	34.124	26.534	152.82	0.388	0.179
250.0	8.094	34.157	26.602	147.17	0.463	0.162
300.0	7.821	34.194	26.672	141.27	0.535	0.150
350.0	7.470	34.208	26.734	136.00	0.605	0.110
400.0	6.426	34.108	26.798	129.88	0.672	-0.112
450.0	6.703	34.253	26.876	123.51	0.735	0.038
500.0	6.481	34.281	26.928	119.11	0.795	0.030
550.0	6.073	34.259	26.964	115.96	0.854	-0.040
600.0	5.588	34.257	27.023	110.45	0.910	-0.102
650.0	5.306	34.279	27.074	105.80	0.965	-0.118
700.0	5.122	34.300	27.113	102.51	1.017	-0.123
750.0	5.040	34.353	27.165	98.08	1.067	-0.091
800.0	4.774	34.355	27.197	95.14	1.115	-0.120
1000.0	4.071	34.431	27.334	82.81	1.292	-0.136
1200.0	3.581	34.484	27.427	74.62	1.450	-0.144
1400.0	3.043	34.526	27.512	66.48	1.591	-0.162
1600.0	2.633	34.558	27.575	60.46	1.718	-0.173
1673.9	2.585	34.563	27.583	59.93	1.762	-0.174

STATION: 11 DATE: 7/29/89 1753 GMT

LAT: 36 20.3 N. LON: 122 27.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.1	13.509	33.726	25.304	265.87	0.006	0.797
5.0	13.501	33.732	25.311	265.34	0.013	0.800
10.0	13.499	33.732	25.311	265.43	0.027	0.799
15.0	13.492	33.732	25.313	265.41	0.040	0.798
20.0	13.488	33.733	25.314	265.41	0.053	0.797
25.0	13.461	33.733	25.320	265.01	0.066	0.792
30.0	13.016	33.714	25.395	258.01	0.080	0.686
40.0	11.462	33.713	25.691	230.03	0.104	0.382
50.0	10.160	33.590	25.825	217.36	0.126	0.050
60.0	10.528	33.815	25.938	206.99	0.147	0.292
70.0	9.811	33.831	26.073	194.27	0.167	0.181
80.0	9.627	33.881	26.142	187.86	0.186	0.189
100.0	9.247	33.988	26.288	174.40	0.222	0.211
120.0	9.161	34.000	26.312	172.52	0.257	0.206
140.0	8.806	34.051	26.408	163.69	0.291	0.189
160.0	8.637	34.088	26.464	158.75	0.323	0.192
180.0	8.488	34.119	26.511	154.61	0.354	0.193
200.0	8.329	34.137	26.550	151.24	0.385	0.182
250.0	8.028	34.177	26.628	144.68	0.459	0.168
300.0	7.784	34.202	26.684	140.14	0.530	0.151
350.0	7.445	34.213	26.742	135.28	0.599	0.110
400.0	6.604	34.148	26.806	129.27	0.665	-0.057
450.0	6.621	34.233	26.872	123.84	0.728	0.012
500.0	6.497	34.272	26.919	120.02	0.789	0.025
550.0	5.868	34.231	26.968	115.33	0.848	-0.087
600.0	5.601	34.259	27.023	110.46	0.905	-0.099
650.0	5.285	34.278	27.076	105.62	0.959	-0.122
700.0	5.149	34.301	27.111	102.76	1.011	-0.119
750.0	4.973	34.325	27.150	99.32	1.061	-0.121
800.0	4.793	34.358	27.197	95.17	1.110	-0.116
1000.0	4.082	34.432	27.334	82.87	1.289	-0.134
1200.0	3.495	34.491	27.441	73.08	1.444	-0.147
1400.0	3.023	34.529	27.516	66.05	1.583	-0.162
1600.0	2.654	34.558	27.573	60.72	1.710	-0.172
1800.0	2.386	34.579	27.613	57.01	1.827	-0.178
1854.3	2.305	34.587	27.627	55.70	1.857	-0.179

STATION: 12 DATE: 7/30/89 0648 GMT

LAT: 36 20.1 N. LON: 122 32.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	12.800	33.695	25.422	254.66	0.005	0.628
5.0	12.802	33.696	25.422	254.73	0.013	0.628
10.0	12.807	33.697	25.423	254.84	0.025	0.630
15.0	12.798	33.694	25.422	255.02	0.038	0.626
20.0	12.797	33.694	25.422	255.14	0.051	0.626
25.0	12.150	33.693	25.546	243.45	0.064	0.498
30.0	10.427	33.662	25.835	216.02	0.075	0.154
40.0	9.729	33.518	25.841	215.62	0.097	-0.081
50.0	9.533	33.540	25.890	211.13	0.118	-0.097
60.0	10.252	33.810	25.981	202.78	0.139	0.240
70.0	9.427	33.850	26.150	186.85	0.158	0.131
80.0	9.262	33.898	26.215	180.91	0.176	0.142
100.0	8.740	33.944	26.334	169.92	0.212	0.095
120.0	8.884	34.022	26.373	166.64	0.245	0.179
140.0	8.724	34.055	26.424	162.15	0.278	0.180
160.0	8.568	34.092	26.478	157.40	0.310	0.184
180.0	8.428	34.122	26.523	153.44	0.341	0.186
200.0	8.305	34.141	26.556	150.62	0.372	0.182
250.0	8.003	34.172	26.627	144.73	0.445	0.160
300.0	7.758	34.206	26.691	139.46	0.516	0.150
350.0	7.380	34.222	26.758	133.72	0.585	0.108
400.0	7.061	34.232	26.810	129.27	0.651	0.071
450.0	6.400	34.204	26.878	123.03	0.714	-0.040
500.0	6.486	34.285	26.931	118.88	0.774	0.034
550.0	5.702	34.225	26.983	113.66	0.832	-0.113
600.0	5.472	34.254	27.035	109.17	0.888	-0.118
650.0	5.262	34.281	27.081	105.11	0.942	-0.122
700.0	5.078	34.328	27.140	99.87	0.993	-0.106
750.0	4.880	34.347	27.178	96.53	1.042	-0.114
800.0	4.668	34.366	27.217	93.02	1.089	-0.123
1000.0	4.024	34.439	27.345	81.66	1.264	-0.135
1200.0	3.506	34.495	27.443	72.92	1.418	-0.143
1400.0	3.025	34.531	27.518	65.93	1.557	-0.160
1600.0	2.652	34.561	27.575	60.48	1.683	-0.170
1800.0	2.303	34.590	27.629	55.19	1.799	-0.176
2000.0	2.008	34.618	27.676	50.46	1.905	-0.178
2200.0	1.800	34.642	27.712	46.94	2.003	-0.176
2240.2	1.785	34.643	27.714	46.81	2.022	-0.176

STATION: 13 DATE: 7/30/89 1553 GMT

LAT: 36 20.3 N. LON: 122 34.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.064	33.724	25.392	257.49	0.005	0.704
5.0	13.062	33.723	25.392	257.58	0.013	0.703
10.0	13.057	33.725	25.394	257.51	0.026	0.703
15.0	13.058	33.724	25.394	257.71	0.039	0.702
20.0	13.045	33.722	25.395	257.74	0.052	0.698
25.0	12.848	33.710	25.425	255.00	0.064	0.649
30.0	10.974	33.545	25.648	233.83	0.077	0.159
40.0	9.944	33.406	25.718	227.31	0.100	-0.134
50.0	9.678	33.495	25.832	216.71	0.122	-0.108
60.0	10.128	33.810	26.003	200.76	0.143	0.218
70.0	9.867	33.814	26.050	196.44	0.163	0.177
80.0	9.523	33.852	26.137	188.35	0.182	0.149
100.0	9.168	33.945	26.267	176.34	0.218	0.164
120.0	8.752	33.999	26.376	166.37	0.253	0.140
140.0	8.498	34.021	26.432	161.29	0.286	0.118
160.0	8.208	34.017	26.473	157.68	0.317	0.070
180.0	8.201	34.076	26.521	153.54	0.348	0.115
200.0	8.232	34.148	26.573	149.00	0.379	0.176
250.0	7.865	34.182	26.655	141.97	0.452	0.148
300.0	7.615	34.205	26.710	137.49	0.521	0.129
350.0	7.195	34.221	26.783	131.17	0.589	0.081
400.0	6.964	34.240	26.830	127.31	0.654	0.064
450.0	6.400	34.224	26.894	121.55	0.716	-0.024
500.0	6.264	34.268	26.946	117.16	0.776	-0.008
550.0	5.937	34.260	26.982	114.06	0.834	-0.056
600.0	5.533	34.265	27.036	109.13	0.889	-0.102
650.0	5.244	34.280	27.082	104.96	0.943	-0.125
700.0	5.116	34.328	27.136	100.34	0.994	-0.102
750.0	4.946	34.351	27.174	97.05	1.043	-0.104
800.0	4.683	34.358	27.209	93.80	1.091	-0.128
1000.0	4.055	34.442	27.345	81.81	1.267	-0.129
1200.0	3.607	34.490	27.429	74.50	1.423	-0.137
1400.0	3.085	34.526	27.508	66.99	1.564	-0.158
1600.0	2.681	34.559	27.572	60.95	1.692	-0.169
1800.0	2.329	34.587	27.624	55.73	1.808	-0.177
2000.0	2.084	34.611	27.664	51.92	1.916	-0.178
2200.0	1.942	34.627	27.689	49.79	2.017	-0.177
2400.0	1.825	34.641	27.710	48.03	2.115	-0.176
2600.0	1.687	34.658	27.735	45.69	2.209	-0.174
2615.9	1.681	34.658	27.736	45.66	2.216	-0.174

STATION: 14 DATE: 7/30/89 2330 GMT

LAT: 36 20.3 N. LON: 122 37.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.7	13.338	33.664	25.291	267.15	0.007	0.713
5.0	13.356	33.677	25.298	266.58	0.013	0.727
10.0	13.270	33.676	25.314	265.13	0.027	0.708
15.0	12.897	33.635	25.357	261.19	0.040	0.600
20.0	12.370	33.626	25.452	252.25	0.053	0.487
25.0	12.159	33.671	25.528	245.15	0.065	0.482
30.0	11.980	33.710	25.592	239.18	0.077	0.478
40.0	11.750	33.767	25.680	231.10	0.101	0.479
50.0	10.778	33.747	25.841	215.99	0.123	0.283
60.0	9.930	33.725	25.970	203.87	0.144	0.117
70.0	9.392	33.793	26.111	190.54	0.163	0.081
80.0	8.972	33.807	26.190	183.23	0.182	0.024
100.0	8.642	33.877	26.297	173.41	0.218	0.027
120.0	8.528	33.919	26.348	168.94	0.252	0.042
140.0	8.219	33.970	26.435	160.96	0.285	0.035
160.0	8.016	34.000	26.489	156.17	0.317	0.028
180.0	7.669	33.998	26.538	151.68	0.347	-0.025
200.0	8.157	34.137	26.576	148.74	0.377	0.156
250.0	7.751	34.140	26.639	143.45	0.450	0.098
300.0	6.857	34.057	26.700	137.97	0.521	-0.094
350.0	6.997	34.188	26.784	130.88	0.588	0.028
400.0	6.853	34.236	26.842	126.08	0.652	0.046
450.0	6.274	34.212	26.900	120.81	0.714	-0.051
500.0	6.272	34.272	26.948	116.97	0.773	-0.004
550.0	5.749	34.270	27.013	110.92	0.830	-0.071
600.0	5.477	34.282	27.056	107.15	0.885	-0.095
650.0	5.209	34.296	27.099	103.33	0.938	-0.116
700.0	4.987	34.320	27.144	99.33	0.988	-0.123
750.0	4.866	34.361	27.191	95.32	1.037	-0.105
800.0	4.597	34.368	27.227	92.00	1.083	-0.129
1000.0	3.954	34.447	27.359	80.22	1.254	-0.135
1200.0	3.439	34.496	27.450	72.05	1.407	-0.148
1400.0	3.001	34.530	27.519	65.72	1.544	-0.163
1600.0	2.632	34.563	27.579	60.09	1.670	-0.170
1800.0	2.307	34.588	27.627	55.37	1.785	-0.177
2000.0	2.040	34.616	27.672	51.00	1.892	-0.178
2200.0	1.885	34.633	27.698	48.63	1.991	-0.177
2400.0	1.796	34.644	27.715	47.43	2.087	-0.176
2600.0	1.706	34.655	27.732	46.15	2.181	-0.175
2800.0	1.654	34.661	27.742	45.68	2.273	-0.175
3000.0	1.603	34.667	27.751	45.17	2.363	-0.175
3115.2	1.591	34.671	27.756	45.05	2.415	-0.174

STATION: 15 DATE: 7/31/89 0148 GMT

LAT: 36 20.3 N. LON: 122 41.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.7	13.465	33.704	25.296	266.65	0.007	0.770
5.0	13.479	33.710	25.298	266.54	0.013	0.778
10.0	13.467	33.703	25.295	266.94	0.027	0.770
15.0	13.147	33.656	25.324	264.38	0.040	0.667
20.0	12.411	33.605	25.428	254.54	0.053	0.479
25.0	11.722	33.571	25.532	244.76	0.065	0.319
30.0	11.296	33.549	25.594	239.03	0.077	0.221
40.0	10.690	33.605	25.745	224.80	0.101	0.155
50.0	10.502	33.667	25.827	217.27	0.123	0.171
60.0	9.852	33.753	26.005	200.52	0.143	0.126
70.0	9.528	33.784	26.083	193.29	0.163	0.096
80.0	9.197	33.866	26.200	182.27	0.182	0.107
100.0	8.593	33.894	26.318	171.44	0.217	0.032
120.0	8.314	33.936	26.393	164.58	0.251	0.022
140.0	8.061	33.978	26.465	158.11	0.283	0.017
160.0	7.849	33.990	26.505	154.55	0.315	-0.005
180.0	7.544	34.001	26.558	149.76	0.345	-0.041
200.0	7.630	34.057	26.591	147.07	0.375	0.016
250.0	7.693	34.154	26.658	141.60	0.447	0.101
300.0	7.207	34.132	26.711	137.16	0.517	0.014
350.0	6.975	34.205	26.801	129.30	0.583	0.039
400.0	6.601	34.207	26.853	124.81	0.647	-0.011
450.0	6.533	34.251	26.897	121.34	0.708	0.014
500.0	6.044	34.228	26.942	117.26	0.768	-0.068
550.0	5.956	34.277	26.993	113.06	0.825	-0.040
600.0	5.500	34.274	27.047	108.04	0.880	-0.099
650.0	5.145	34.286	27.099	103.25	0.933	-0.131
700.0	5.031	34.325	27.143	99.51	0.984	-0.114
750.0	4.869	34.364	27.193	95.15	1.033	-0.102
800.0	4.618	34.372	27.227	91.97	1.080	-0.124
1000.0	3.974	34.446	27.356	80.54	1.251	-0.134
1200.0	3.528	34.487	27.434	73.77	1.405	-0.147
1400.0	3.039	34.525	27.511	66.54	1.545	-0.163
1600.0	2.679	34.559	27.571	60.96	1.672	-0.169
1800.0	2.314	34.588	27.626	55.47	1.789	-0.177
2000.0	2.066	34.612	27.666	51.62	1.896	-0.179
2200.0	1.911	34.629	27.693	49.25	1.996	-0.178
2400.0	1.797	34.644	27.715	47.45	2.093	-0.176
2600.0	1.730	34.654	27.729	46.55	2.187	-0.174
2800.0	1.663	34.661	27.741	45.80	2.279	-0.175
2927.7	1.622	34.664	27.747	45.42	2.337	-0.176

STATION: 16 DATE: 7/31/89 2111 GMT

LAT: 36 20.5 N. LON: 122 46.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.429	33.733	25.326	263.81	0.005	0.786
5.0	13.392	33.730	25.331	263.41	0.013	0.776
10.0	13.136	33.766	25.411	255.97	0.026	0.751
15.0	12.810	33.776	25.483	249.22	0.039	0.693
20.0	12.432	33.763	25.547	243.26	0.051	0.608
25.0	12.039	33.741	25.605	237.86	0.063	0.514
30.0	11.967	33.758	25.632	235.43	0.075	0.513
40.0	11.629	33.779	25.712	228.08	0.098	0.465
50.0	10.069	33.657	25.893	210.93	0.120	0.087
60.0	9.715	33.688	25.977	203.18	0.141	0.051
70.0	9.326	33.740	26.081	193.45	0.161	0.028
80.0	9.205	33.793	26.142	187.81	0.180	0.050
100.0	8.710	33.887	26.294	173.66	0.216	0.045
120.0	8.411	33.935	26.378	166.06	0.250	0.036
140.0	8.321	33.975	26.423	162.09	0.282	0.054
160.0	8.057	33.991	26.476	157.42	0.314	0.027
180.0	7.837	33.995	26.511	154.34	0.345	-0.003
200.0	7.545	33.997	26.555	150.37	0.376	-0.044
250.0	7.029	34.028	26.652	141.75	0.449	-0.093
300.0	6.989	34.143	26.749	133.37	0.518	-0.008
350.0	6.898	34.201	26.808	128.57	0.583	0.025
400.0	6.563	34.227	26.874	122.81	0.646	0.000
450.0	6.338	34.254	26.925	118.53	0.706	-0.009
500.0	5.788	34.223	26.971	114.30	0.764	-0.103
550.0	5.681	34.275	27.025	109.69	0.820	-0.076
600.0	5.367	34.287	27.073	105.43	0.874	-0.104
650.0	5.097	34.301	27.116	101.54	0.926	-0.125
700.0	5.000	34.335	27.155	98.34	0.976	-0.109
750.0	4.847	34.370	27.200	94.41	1.024	-0.100
800.0	4.669	34.385	27.232	91.63	1.071	-0.108
1000.0	3.950	34.442	27.355	80.54	1.243	-0.140
1200.0	3.444	34.493	27.447	72.33	1.396	-0.150
1400.0	3.015	34.533	27.520	65.66	1.533	-0.159
1600.0	2.673	34.558	27.572	60.92	1.659	-0.170
1800.0	2.344	34.586	27.622	55.99	1.776	-0.176
2000.0	2.082	34.606	27.661	52.22	1.884	-0.182
2200.0	1.920	34.627	27.691	49.51	1.986	-0.179
2400.0	1.815	34.640	27.710	47.98	2.083	-0.178
2600.0	1.724	34.653	27.729	46.54	2.177	-0.175
2800.0	1.660	34.660	27.740	45.82	2.269	-0.175
3000.0	1.603	34.666	27.751	45.23	2.360	-0.176
3200.0	1.574	34.670	27.757	45.13	2.451	-0.176
3301.1	1.577	34.671	27.758	45.40	2.496	-0.176

STATION: 17 DATE: 8/ 1/89 0218 GMT

LAT: 36 20.3 N. LON: 122 54.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.7	14.436	33.655	25.057	289.42	0.008	0.938
5.0	14.423	33.657	25.061	289.11	0.014	0.936
10.0	14.277	33.651	25.088	286.70	0.029	0.900
15.0	13.928	33.669	25.174	278.60	0.043	0.839
20.0	13.676	33.684	25.238	272.66	0.057	0.798
25.0	13.419	33.720	25.319	265.11	0.070	0.773
30.0	12.852	33.681	25.401	257.45	0.083	0.627
40.0	10.595	33.559	25.726	226.62	0.107	0.102
50.0	9.904	33.555	25.841	215.85	0.129	-0.022
60.0	9.708	33.649	25.947	205.98	0.150	0.019
70.0	9.344	33.732	26.072	194.29	0.170	0.024
80.0	9.383	33.846	26.155	186.64	0.189	0.121
100.0	8.949	33.953	26.308	172.39	0.225	0.135
120.0	8.699	34.019	26.400	164.09	0.259	0.148
140.0	8.228	34.021	26.473	157.32	0.291	0.076
160.0	7.998	34.021	26.507	154.39	0.322	0.041
180.0	7.834	34.035	26.543	151.32	0.352	0.028
200.0	8.069	34.126	26.580	148.25	0.382	0.135
250.0	7.180	34.069	26.664	140.77	0.455	-0.040
300.0	7.322	34.210	26.756	132.99	0.523	0.091
350.0	6.766	34.181	26.810	128.24	0.589	-0.009
400.0	6.420	34.204	26.875	122.62	0.651	-0.037
450.0	6.104	34.217	26.926	118.20	0.712	-0.068
500.0	5.778	34.229	26.977	113.70	0.770	-0.099
550.0	5.670	34.276	27.028	109.46	0.825	-0.076
600.0	5.469	34.316	27.084	104.54	0.879	-0.069
650.0	5.091	34.312	27.125	100.69	0.930	-0.117
700.0	4.902	34.346	27.174	96.36	0.979	-0.112
750.0	4.822	34.380	27.211	93.37	1.027	-0.095
800.0	4.620	34.398	27.248	90.06	1.073	-0.103
1000.0	3.904	34.445	27.362	79.78	1.243	-0.142
1200.0	3.400	34.499	27.456	71.37	1.393	-0.150
1400.0	3.036	34.532	27.517	65.98	1.531	-0.158
1600.0	2.681	34.560	27.572	60.90	1.657	-0.168
1800.0	2.346	34.583	27.620	56.22	1.774	-0.178
2000.0	2.091	34.606	27.660	52.37	1.883	-0.182
2200.0	1.935	34.628	27.690	49.63	1.985	-0.177
2400.0	1.810	34.642	27.712	47.77	2.082	-0.176
2600.0	1.737	34.652	27.727	46.78	2.177	-0.175
2800.0	1.656	34.662	27.742	45.63	2.269	-0.174
3000.0	1.603	34.667	27.751	45.17	2.360	-0.175
3200.0	1.565	34.671	27.759	44.93	2.450	-0.176
3368.1	1.556	34.674	27.763	45.07	2.526	-0.175

STATION: 18 DATE: 8/ 1/89 0836 GMT

LAT: 36 20.3 N. LON: 123 1.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	14.197	33.650	25.104	284.98	0.006	0.882
5.0	14.199	33.651	25.104	285.05	0.014	0.883
10.0	14.176	33.649	25.108	284.81	0.028	0.877
15.0	14.187	33.653	25.108	284.90	0.043	0.882
20.0	14.127	33.646	25.116	284.34	0.057	0.863
25.0	13.972	33.635	25.139	282.23	0.071	0.822
30.0	13.779	33.638	25.182	278.29	0.085	0.783
40.0	12.154	33.553	25.437	254.22	0.112	0.387
50.0	10.966	33.592	25.687	230.61	0.135	0.195
60.0	9.836	33.534	25.836	216.50	0.158	-0.050
70.0	9.332	33.617	25.984	202.61	0.178	-0.068
80.0	8.972	33.698	26.104	191.34	0.198	-0.063
100.0	8.564	33.798	26.247	178.16	0.235	-0.048
120.0	8.116	33.858	26.362	167.47	0.270	-0.069
140.0	7.869	33.926	26.452	159.27	0.302	-0.053
160.0	7.783	33.966	26.496	155.35	0.334	-0.033
180.0	7.530	33.985	26.548	150.74	0.364	-0.056
200.0	7.416	34.009	26.583	147.69	0.394	-0.053
250.0	7.461	34.116	26.661	141.17	0.466	0.037
300.0	7.051	34.148	26.745	133.85	0.535	0.004
350.0	6.729	34.182	26.816	127.69	0.600	-0.013
400.0	6.519	34.233	26.885	121.77	0.662	-0.001
450.0	6.001	34.217	26.939	116.88	0.722	-0.081
500.0	5.731	34.252	27.001	111.42	0.779	-0.087
550.0	5.514	34.273	27.044	107.71	0.834	-0.097
600.0	5.298	34.303	27.094	103.33	0.886	-0.099
650.0	5.044	34.319	27.136	99.58	0.937	-0.117
700.0	4.912	34.350	27.177	96.17	0.986	-0.108
750.0	4.762	34.375	27.214	92.99	1.033	-0.105
800.0	4.629	34.393	27.243	90.54	1.079	-0.106
1000.0	3.959	34.439	27.352	80.88	1.250	-0.141
1200.0	3.477	34.493	27.444	72.72	1.404	-0.147
1400.0	2.997	34.534	27.522	65.37	1.541	-0.160
1600.0	2.633	34.561	27.577	60.24	1.667	-0.171
1800.0	2.306	34.586	27.625	55.53	1.782	-0.179
2000.0	2.067	34.607	27.662	51.98	1.889	-0.182
2200.0	1.908	34.626	27.691	49.43	1.990	-0.181
2400.0	1.815	34.640	27.711	47.96	2.087	-0.178
2600.0	1.728	34.653	27.729	46.59	2.182	-0.175
2800.0	1.667	34.660	27.740	45.93	2.274	-0.175
3000.0	1.608	34.666	27.750	45.30	2.365	-0.176
3200.0	1.555	34.672	27.760	44.72	2.456	-0.176
3313.2	1.534	34.675	27.765	44.52	2.506	-0.176

STATION: 19 DATE: 8/ 1/89 1230 GMT

LAT: 36 15.9 N. LON: 123 10.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.7	13.925	33.568	25.097	285.60	0.005	0.760
5.0	13.923	33.570	25.099	285.50	0.014	0.760
10.0	13.902	33.574	25.107	284.90	0.029	0.760
15.0	13.409	33.541	25.182	277.86	0.043	0.630
20.0	13.097	33.544	25.247	271.83	0.056	0.568
25.0	13.000	33.565	25.282	268.59	0.070	0.565
30.0	12.285	33.483	25.358	261.48	0.083	0.358
40.0	10.719	33.474	25.638	234.97	0.108	0.056
50.0	10.480	33.503	25.703	229.05	0.131	0.037
60.0	10.030	33.541	25.809	219.12	0.153	-0.012
70.0	9.758	33.628	25.923	208.51	0.175	0.011
80.0	9.356	33.637	25.996	201.71	0.195	-0.049
100.0	8.983	33.796	26.180	184.57	0.234	0.016
120.0	8.346	33.831	26.306	172.82	0.270	-0.056
140.0	8.084	33.896	26.397	164.53	0.303	-0.044
160.0	7.755	33.936	26.477	157.22	0.336	-0.062
180.0	7.571	33.961	26.523	153.09	0.367	-0.069
200.0	7.347	33.976	26.567	149.22	0.397	-0.089
250.0	6.717	33.999	26.672	139.71	0.469	-0.158
300.0	6.409	34.041	26.746	133.28	0.537	-0.166
350.0	6.756	34.203	26.828	126.51	0.602	0.007
400.0	6.437	34.232	26.894	120.79	0.664	-0.013
450.0	6.034	34.239	26.952	115.65	0.723	-0.059
500.0	5.666	34.242	27.000	111.36	0.780	-0.103
550.0	5.445	34.283	27.060	106.09	0.834	-0.098
600.0	5.295	34.328	27.114	101.47	0.886	-0.081
650.0	5.011	34.330	27.149	98.35	0.935	-0.112
700.0	4.840	34.350	27.184	95.30	0.984	-0.116
750.0	4.675	34.366	27.216	92.61	1.031	-0.122
800.0	4.562	34.398	27.254	89.35	1.076	-0.109
1000.0	3.905	34.451	27.367	79.35	1.245	-0.137
1200.0	3.423	34.496	27.451	71.86	1.397	-0.150
1400.0	3.015	34.532	27.519	65.72	1.535	-0.160
1600.0	2.641	34.562	27.577	60.28	1.660	-0.170
1800.0	2.304	34.586	27.626	55.50	1.776	-0.179
2000.0	2.059	34.608	27.664	51.82	1.883	-0.182
2200.0	1.904	34.627	27.692	49.31	1.984	-0.180
2400.0	1.810	34.641	27.712	47.84	2.081	-0.177
2600.0	1.752	34.649	27.724	47.20	2.176	-0.176
2800.0	1.689	34.657	27.736	46.44	2.270	-0.176
3000.0	1.637	34.663	27.746	45.93	2.362	-0.176
3200.0	1.601	34.668	27.753	45.68	2.454	-0.176
3336.0	1.568	34.672	27.760	45.30	2.516	-0.176

STATION: 20 DATE: 8/ 2/89 0023 GMT

LAT: 36 7.1 N. LON: 123 29.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	14.400	33.545	24.980	296.79	0.009	0.843
5.0	14.369	33.555	24.994	295.50	0.015	0.844
10.0	14.271	33.575	25.030	292.18	0.030	0.839
15.0	14.253	33.619	25.068	288.71	0.044	0.870
20.0	13.872	33.628	25.155	280.63	0.058	0.795
25.0	13.441	33.641	25.253	271.37	0.072	0.715
30.0	13.276	33.643	25.288	268.18	0.086	0.683
40.0	12.529	33.716	25.493	248.96	0.111	0.590
50.0	12.184	33.745	25.582	240.74	0.136	0.545
60.0	11.645	33.715	25.659	233.54	0.159	0.417
70.0	10.837	33.646	25.752	224.86	0.182	0.213
80.0	10.615	33.629	25.778	222.63	0.205	0.160
100.0	9.273	33.612	25.990	202.63	0.247	-0.083
120.0	8.807	33.780	26.195	183.45	0.286	-0.025
140.0	8.282	33.857	26.336	170.34	0.322	-0.046
160.0	7.906	33.920	26.442	160.53	0.355	-0.052
180.0	7.697	33.957	26.502	155.14	0.386	-0.053
200.0	7.368	33.974	26.563	149.61	0.417	-0.088
250.0	6.883	33.997	26.648	142.06	0.490	-0.137
300.0	6.258	34.003	26.735	134.17	0.559	-0.216
350.0	5.950	34.076	26.833	125.44	0.624	-0.198
400.0	5.641	34.117	26.904	119.13	0.685	-0.204
450.0	5.314	34.142	26.963	113.85	0.743	-0.224
500.0	5.293	34.226	27.033	107.87	0.798	-0.160
550.0	5.186	34.274	27.083	103.58	0.851	-0.135
600.0	4.989	34.293	27.122	100.29	0.902	-0.143
650.0	4.856	34.330	27.167	96.42	0.951	-0.129
700.0	4.642	34.354	27.210	92.61	0.999	-0.134
750.0	4.507	34.369	27.237	90.36	1.045	-0.138
800.0	4.346	34.397	27.277	86.83	1.089	-0.133
1000.0	3.828	34.458	27.380	77.91	1.253	-0.139
1200.0	3.278	34.502	27.470	69.71	1.400	-0.158
1400.0	2.912	34.538	27.533	64.07	1.534	-0.164
1600.0	2.574	34.567	27.587	59.12	1.657	-0.171
1800.0	2.264	34.590	27.632	54.73	1.771	-0.179
2000.0	2.048	34.612	27.668	51.40	1.877	-0.180
2200.0	1.915	34.628	27.692	49.39	1.978	-0.179
2400.0	1.821	34.641	27.711	47.97	2.075	-0.176
2600.0	1.753	34.651	27.725	47.07	2.170	-0.175
2800.0	1.696	34.656	27.735	46.60	2.263	-0.176
3000.0	1.652	34.663	27.745	46.14	2.356	-0.175
3200.0	1.616	34.667	27.752	45.96	2.448	-0.176
3400.0	1.589	34.670	27.758	45.93	2.540	-0.177
3495.9	1.572	34.673	27.762	45.74	2.584	-0.176

STATION: 21 DATE: 8/ 2/89 0623 GMT

LAT: 35 57.3 N. LON: 123 50.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	15.166	33.527	24.801	313.76	0.006	0.998
5.0	15.163	33.526	24.801	313.83	0.016	0.996
10.0	15.138	33.521	24.803	313.84	0.031	0.986
15.0	15.139	33.521	24.803	314.03	0.047	0.986
20.0	15.149	33.523	24.802	314.20	0.063	0.990
25.0	15.154	33.523	24.802	314.41	0.078	0.992
30.0	15.126	33.519	24.805	314.28	0.094	0.982
40.0	14.274	33.492	24.967	299.10	0.125	0.773
50.0	13.648	33.527	25.123	284.45	0.154	0.667
60.0	10.765	33.412	25.582	240.77	0.181	0.014
70.0	9.902	33.425	25.740	225.84	0.204	-0.126
80.0	9.760	33.564	25.873	213.44	0.226	-0.040
100.0	9.293	33.718	26.070	195.10	0.267	0.004
120.0	8.866	33.828	26.224	180.78	0.305	0.023
140.0	8.492	33.916	26.351	169.00	0.339	0.034
160.0	8.225	33.953	26.421	162.66	0.372	0.022
180.0	7.846	33.978	26.497	155.66	0.404	-0.015
200.0	7.755	34.028	26.550	151.02	0.435	0.011
250.0	7.020	34.047	26.668	140.23	0.507	-0.079
300.0	6.439	34.074	26.768	131.18	0.576	-0.136
350.0	6.151	34.109	26.834	125.52	0.640	-0.146
400.0	5.951	34.158	26.898	119.96	0.701	-0.133
450.0	5.543	34.183	26.968	113.57	0.759	-0.164
500.0	5.433	34.242	27.028	108.44	0.815	-0.131
550.0	5.246	34.267	27.071	104.82	0.868	-0.134
600.0	4.926	34.290	27.126	99.75	0.919	-0.152
650.0	4.756	34.321	27.170	95.93	0.968	-0.147
700.0	4.603	34.352	27.212	92.29	1.016	-0.140
750.0	4.476	34.370	27.241	89.91	1.061	-0.140
800.0	4.321	34.393	27.276	86.83	1.105	-0.139
1000.0	3.755	34.454	27.384	77.35	1.269	-0.150
1200.0	3.340	34.506	27.467	70.14	1.416	-0.150
1400.0	2.936	34.539	27.532	64.28	1.550	-0.161
1600.0	2.544	34.569	27.591	58.61	1.673	-0.172
1800.0	2.237	34.592	27.636	54.26	1.786	-0.180
2000.0	2.027	34.613	27.670	51.06	1.891	-0.181
2200.0	1.886	34.631	27.697	48.80	1.991	-0.178
2400.0	1.793	34.641	27.713	47.62	2.088	-0.178
2600.0	1.733	34.653	27.728	46.66	2.182	-0.175
2800.0	1.673	34.659	27.739	46.07	2.274	-0.175
3000.0	1.627	34.665	27.748	45.62	2.366	-0.175
3200.0	1.589	34.670	27.756	45.35	2.457	-0.175
3400.0	1.556	34.675	27.764	45.11	2.547	-0.175
3600.0	1.534	34.677	27.768	45.18	2.638	-0.176
3800.0	1.515	34.681	27.774	45.14	2.728	-0.176
3906.3	1.509	34.684	27.778	45.13	2.776	-0.175

STATION: 24 DATE: 8/ 2/89 2248 GMT

LAT: 36 35.9 N. LON: 122 29.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.777	33.724	25.248	271.23	0.005	0.851
5.0	13.769	33.726	25.251	270.98	0.014	0.851
10.0	13.708	33.723	25.262	270.12	0.027	0.836
15.0	13.177	33.712	25.361	260.83	0.040	0.718
20.0	11.902	33.724	25.618	236.53	0.053	0.474
25.0	11.092	33.740	25.779	221.28	0.064	0.335
30.0	10.834	33.732	25.819	217.57	0.075	0.282
40.0	10.337	33.775	25.939	206.39	0.097	0.227
50.0	9.922	33.823	26.047	196.30	0.117	0.193
60.0	9.561	33.876	26.149	186.80	0.136	0.175
70.0	9.241	33.916	26.232	179.05	0.154	0.153
80.0	9.064	33.948	26.286	174.15	0.172	0.150
100.0	8.752	34.027	26.397	163.93	0.205	0.163
120.0	8.559	34.068	26.460	158.32	0.238	0.165
140.0	8.209	34.062	26.508	154.03	0.269	0.106
160.0	8.295	34.102	26.527	152.64	0.300	0.150
180.0	8.122	34.120	26.568	149.12	0.330	0.138
200.0	8.114	34.166	26.605	145.93	0.359	0.173
250.0	7.692	34.193	26.689	138.68	0.430	0.131
300.0	7.445	34.219	26.745	134.06	0.498	0.115
350.0	7.041	34.239	26.818	127.74	0.564	0.074
400.0	6.483	34.225	26.883	121.89	0.626	-0.012
450.0	6.190	34.259	26.948	116.20	0.686	-0.024
500.0	5.968	34.281	26.994	112.31	0.743	-0.035
550.0	5.834	34.296	27.023	110.09	0.799	-0.040
600.0	5.615	34.314	27.065	106.51	0.853	-0.053
650.0	5.412	34.329	27.101	103.43	0.905	-0.066
700.0	5.211	34.342	27.136	100.49	0.956	-0.080
750.0	4.988	34.360	27.176	96.91	1.005	-0.092
800.0	4.840	34.375	27.205	94.48	1.053	-0.097
1000.0	4.108	34.437	27.335	82.82	1.229	-0.128
1200.0	3.519	34.487	27.435	73.67	1.385	-0.148
1400.0	3.031	34.531	27.517	65.99	1.524	-0.159
1600.0	2.674	34.561	27.574	60.74	1.651	-0.168
1800.0	2.367	34.587	27.621	56.18	1.767	-0.174
2000.0	2.073	34.614	27.667	51.56	1.875	-0.177
2200.0	1.861	34.637	27.703	48.05	1.974	-0.176
2400.0	1.771	34.647	27.719	46.90	2.069	-0.175
2600.0	1.708	34.655	27.732	46.18	2.162	-0.175
2800.0	1.657	34.661	27.741	45.71	2.254	-0.175
2969.8	1.647	34.664	27.746	45.90	2.331	-0.174

STATION: 26 DATE: 8/ 3/89 0353 GMT

LAT: 36 36.7 N. LON: 122 9.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.2	12.444	33.628	25.439	253.02	0.006	0.504
5.0	12.434	33.630	25.443	252.76	0.013	0.503
10.0	12.426	33.630	25.445	252.72	0.025	0.502
15.0	12.423	33.631	25.446	252.71	0.038	0.502
20.0	12.332	33.614	25.451	252.39	0.051	0.471
25.0	11.947	33.579	25.497	248.16	0.063	0.369
30.0	11.372	33.672	25.675	231.27	0.075	0.333
40.0	10.985	33.777	25.827	217.05	0.098	0.345
50.0	9.742	33.632	25.928	207.53	0.119	0.012
60.0	9.423	33.604	25.958	204.86	0.139	-0.064
70.0	9.689	33.815	26.081	193.51	0.159	0.148
80.0	9.328	33.880	26.190	183.25	0.178	0.139
100.0	8.991	33.940	26.292	174.00	0.214	0.132
120.0	8.900	34.022	26.370	166.90	0.248	0.182
140.0	8.572	34.010	26.412	163.21	0.281	0.121
160.0	8.324	34.013	26.453	159.66	0.313	0.084
180.0	8.121	34.029	26.496	155.84	0.345	0.066
200.0	7.647	34.001	26.544	151.54	0.376	-0.027
250.0	7.615	34.096	26.624	144.75	0.450	0.044
300.0	7.601	34.185	26.696	138.80	0.521	0.111
350.0	7.256	34.198	26.756	133.76	0.589	0.071
400.0	7.063	34.230	26.809	129.42	0.655	0.069
450.0	6.767	34.232	26.851	125.92	0.718	0.030
500.0	6.336	34.236	26.912	120.49	0.780	-0.024
550.0	6.004	34.240	26.958	116.42	0.839	-0.063
600.0	5.559	34.236	27.010	111.60	0.896	-0.122
650.0	5.262	34.260	27.064	106.69	0.951	-0.138
700.0	5.092	34.292	27.110	102.72	1.004	-0.133
750.0	4.899	34.322	27.156	98.60	1.054	-0.132
800.0	4.713	34.365	27.212	93.64	1.102	-0.119
1000.0	4.049	34.448	27.350	81.29	1.277	-0.125
1123.9	3.645	34.481	27.418	75.03	1.374	-0.140

STATION: 0 DATE: 9/25/89 1906 GMT

LAT: 36 33.6 N. LON: 122 1.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.405	33.319	25.207	275.04	0.000	0.252
5.0	12.336	33.344	25.240	272.04	0.014	0.258
10.0	12.174	33.418	25.329	263.76	0.027	0.285
15.0	12.050	33.457	25.382	258.80	0.040	0.291
20.0	11.902	33.474	25.423	254.98	0.053	0.276
25.0	11.599	33.506	25.505	247.38	0.066	0.244
30.0	11.354	33.543	25.578	240.48	0.078	0.227
40.0	11.068	33.617	25.687	230.33	0.101	0.233
50.0	10.969	33.637	25.721	227.34	0.124	0.231
60.0	10.719	33.666	25.788	221.20	0.147	0.208
70.0	10.466	33.683	25.846	215.91	0.168	0.177
80.0	10.359	33.701	25.878	213.06	0.190	0.172
100.0	10.105	33.764	25.972	204.58	0.232	0.177
120.0	10.015	33.791	26.008	201.52	0.272	0.183
140.0	9.845	33.828	26.066	196.46	0.312	0.183
160.0	9.622	33.882	26.146	189.24	0.351	0.188
180.0	9.474	33.897	26.182	186.18	0.388	0.175
200.0	9.279	33.938	26.245	180.49	0.425	0.174
250.0	8.645	34.061	26.443	162.49	0.511	0.170
300.0	8.215	34.108	26.546	153.43	0.590	0.141
350.0	7.587	34.148	26.670	142.14	0.664	0.079
400.0	7.303	34.180	26.736	136.48	0.733	0.063
450.0	6.827	34.210	26.826	128.37	0.800	0.021
500.0	6.381	34.237	26.907	121.04	0.862	-0.017
550.0	5.898	34.275	26.999	112.49	0.921	-0.049
600.0	5.649	34.294	27.045	108.47	0.976	-0.065
650.0	5.357	34.315	27.097	103.78	1.029	-0.084
700.0	4.977	34.347	27.167	97.20	1.079	-0.103
750.0	4.511	34.392	27.255	88.70	1.126	-0.119
762.0	4.445	34.400	27.268	87.43	1.137	-0.120

STATION: 1 DATE: 9/25/89 2106 GMT

LAT: 36 20.2 N. LON: 121 56.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.458	33.421	25.276	268.49	0.000	0.343
5.0	12.439	33.427	25.285	267.79	0.013	0.344
10.0	12.053	33.474	25.395	257.46	0.027	0.306
15.0	11.728	33.539	25.507	246.95	0.039	0.295
20.0	11.688	33.544	25.518	246.02	0.051	0.291
25.0	11.306	33.572	25.609	237.42	0.064	0.241
30.0	11.264	33.601	25.639	234.66	0.075	0.256
40.0	11.131	33.610	25.671	231.91	0.099	0.239
49.9	11.053	33.634	25.704	229.00	0.122	0.244

STATION: 2 DATE: 9/25/89 2148 GMT

LAT: 36 20.3 N. LON: 121 59.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.740	33.411	25.214	274.43	0.000	0.391
5.0	12.709	33.416	25.224	273.63	0.014	0.389
10.0	12.158	33.400	25.318	264.81	0.027	0.267
15.0	11.945	33.410	25.365	260.40	0.040	0.234
20.0	11.792	33.458	25.432	254.17	0.053	0.243
25.0	11.623	33.469	25.471	250.56	0.066	0.219
30.0	11.269	33.507	25.566	241.64	0.078	0.183
40.0	10.799	33.612	25.732	226.10	0.101	0.180
50.0	10.657	33.668	25.801	219.74	0.124	0.199
60.0	10.604	33.681	25.820	218.17	0.146	0.199
70.0	10.530	33.689	25.840	216.51	0.167	0.193
80.0	10.427	33.720	25.881	212.76	0.189	0.199
100.0	10.013	33.788	26.006	201.32	0.230	0.181
101.4	9.933	33.802	26.030	199.02	0.233	0.178

STATION: 3 DATE: 9/25/89 2230 GMT

LAT: 36 20.1 N. LON: 122 1.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.332	33.416	25.100	285.23	0.000	0.516
5.0	13.242	33.405	25.110	284.48	0.014	0.488
10.0	12.592	33.447	25.271	269.27	0.028	0.390
15.0	12.280	33.449	25.332	263.53	0.041	0.330
20.0	11.921	33.485	25.428	254.51	0.054	0.289
25.0	11.503	33.491	25.511	246.78	0.067	0.214
30.0	11.248	33.546	25.600	238.41	0.079	0.210
40.0	11.051	33.571	25.655	233.41	0.103	0.193
50.0	10.988	33.605	25.693	230.00	0.126	0.209
60.0	10.637	33.668	25.804	219.67	0.148	0.195
70.0	10.520	33.710	25.858	214.77	0.170	0.208
80.0	10.430	33.738	25.895	211.45	0.191	0.214
100.0	10.192	33.805	25.989	202.98	0.233	0.225
120.0	9.747	33.842	26.093	193.42	0.273	0.178
137.6	9.499	33.905	26.183	185.17	0.306	0.186

STATION: 4 DATE: 9/25/89 2318 GMT

LAT: 36 20.2 N. LON: 122 5.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.199	33.424	24.929	301.57	0.000	0.705
5.0	14.168	33.431	24.941	300.56	0.015	0.703
10.0	13.993	33.426	24.973	297.61	0.030	0.662
15.0	13.777	33.409	25.005	294.74	0.045	0.603
20.0	13.199	33.405	25.119	283.98	0.059	0.479
25.0	12.773	33.398	25.198	276.57	0.073	0.387
30.0	12.426	33.407	25.273	269.60	0.087	0.325
40.0	11.355	33.375	25.448	253.09	0.113	0.094
50.0	11.064	33.416	25.532	245.30	0.138	0.072
60.0	10.654	33.641	25.781	221.90	0.162	0.177
70.0	10.616	33.682	25.819	218.51	0.184	0.202
80.0	10.361	33.731	25.902	210.79	0.205	0.196
100.0	10.347	33.762	25.929	208.70	0.247	0.218
120.0	10.181	33.801	25.987	203.54	0.288	0.219
140.0	10.100	33.819	26.016	201.25	0.329	0.219
160.0	10.008	33.843	26.050	198.38	0.369	0.222
180.0	9.881	33.861	26.086	195.36	0.408	0.214
200.0	9.524	33.892	26.170	187.73	0.446	0.179
250.0	8.807	34.031	26.394	167.21	0.537	0.172
300.0	8.130	34.085	26.541	153.84	0.615	0.110
320.4	7.777	34.138	26.635	145.12	0.645	0.099

STATION: 5 DATE: 9/26/89 0006 GMT

LAT: 36 20.2 N. LON: 122 8.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.194	33.406	24.916	302.79	0.000	0.689
5.0	14.090	33.406	24.937	300.89	0.015	0.666
10.0	13.792	33.401	24.996	295.46	0.030	0.600
15.0	13.736	33.406	25.011	294.14	0.045	0.591
20.0	13.720	33.408	25.016	293.84	0.059	0.589
25.0	13.648	33.400	25.024	293.14	0.074	0.568
30.0	13.310	33.370	25.070	288.93	0.089	0.474
40.0	11.170	33.306	25.428	255.02	0.116	0.005
50.0	10.835	33.572	25.694	229.92	0.140	0.155
60.0	10.393	33.753	25.913	209.33	0.162	0.219
70.0	10.314	33.767	25.938	207.19	0.183	0.217
80.0	10.317	33.772	25.941	207.10	0.203	0.220
100.0	10.197	33.802	25.985	203.29	0.244	0.223
120.0	10.017	33.818	26.029	199.60	0.285	0.204
140.0	9.902	33.855	26.077	195.37	0.324	0.214
160.0	9.652	33.877	26.136	190.12	0.363	0.189
180.0	9.274	33.931	26.240	180.54	0.400	0.168
200.0	9.174	33.951	26.273	177.86	0.436	0.168
250.0	8.728	34.046	26.419	164.82	0.523	0.172
300.0	8.208	34.102	26.542	153.79	0.602	0.134
350.0	7.922	34.125	26.604	148.68	0.678	0.110
400.0	7.281	34.178	26.738	136.33	0.749	0.059
450.0	6.913	34.199	26.806	130.38	0.816	0.024
500.0	6.386	34.243	26.911	120.65	0.879	-0.012
550.0	5.636	34.301	27.051	107.19	0.936	-0.061
600.0	5.344	34.321	27.103	102.60	0.988	-0.080
650.0	5.048	34.349	27.160	97.39	1.038	-0.093
668.1	5.005	34.353	27.168	96.76	1.055	-0.095

STATION: 6 DATE: 9/26/89 0118 GMT

LAT: 36 20.2 N. LON: 122 13.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.523	33.414	24.853	308.81	0.000	0.767
5.0	14.530	33.417	24.853	308.88	0.015	0.770
10.0	13.995	33.359	24.921	302.55	0.031	0.610
15.0	12.315	33.326	25.230	273.22	0.045	0.239
20.0	11.769	33.248	25.273	269.32	0.059	0.071
25.0	11.346	33.226	25.333	263.64	0.072	-0.026
30.0	10.909	33.285	25.457	251.94	0.085	-0.060
40.0	10.692	33.458	25.631	235.70	0.109	0.039
50.0	10.464	33.548	25.741	225.43	0.132	0.070
60.0	10.272	33.605	25.818	218.26	0.154	0.081
70.0	10.023	33.651	25.897	211.00	0.176	0.074
80.0	10.191	33.747	25.944	206.81	0.197	0.179
100.0	9.859	33.871	26.097	192.66	0.236	0.220
120.0	9.860	33.880	26.104	192.44	0.275	0.227
140.0	9.609	33.914	26.173	186.25	0.313	0.212
160.0	9.313	33.935	26.238	180.43	0.350	0.179
180.0	9.146	33.986	26.304	174.47	0.385	0.191
200.0	8.971	33.990	26.335	171.82	0.420	0.166
250.0	8.701	34.058	26.432	163.58	0.504	0.176
300.0	8.069	34.114	26.572	150.84	0.583	0.123
350.0	7.645	34.148	26.662	142.97	0.657	0.087
400.0	7.277	34.183	26.742	135.92	0.726	0.062
450.0	6.819	34.218	26.833	127.68	0.792	0.026
500.0	6.400	34.243	26.909	120.83	0.854	-0.010
550.0	6.106	34.275	26.973	115.21	0.913	-0.023
600.0	5.621	34.317	27.066	106.41	0.969	-0.050
650.0	5.342	34.323	27.105	102.99	1.022	-0.079
700.0	5.050	34.354	27.164	97.59	1.072	-0.089
750.0	4.668	34.374	27.223	91.93	1.119	-0.116
800.0	4.500	34.393	27.257	88.97	1.164	-0.120
939.6	4.195	34.428	27.318	84.00	1.286	-0.125

STATION: 7 DATE: 9/26/89 0200 GMT

LAT: 36 20.2 N. LON: 122 15.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.496	33.429	24.870	307.16	0.000	0.773
5.0	14.494	33.430	24.871	307.20	0.015	0.773
10.0	14.482	33.428	24.873	307.20	0.031	0.769
15.0	14.458	33.427	24.877	306.97	0.046	0.762
20.0	14.388	33.415	24.882	306.55	0.061	0.737
25.0	13.885	33.412	24.986	296.86	0.076	0.627
30.0	13.705	33.413	25.023	293.41	0.091	0.590
40.0	13.569	33.413	25.051	291.00	0.120	0.561
50.0	13.290	33.404	25.101	286.54	0.149	0.496
60.0	11.335	33.328	25.415	256.69	0.177	0.052
70.0	10.533	33.352	25.576	241.54	0.202	-0.075
80.0	10.391	33.542	25.749	225.29	0.225	0.051
100.0	9.635	33.779	26.062	195.94	0.267	0.109
120.0	9.651	33.920	26.169	186.16	0.305	0.223
140.0	9.529	33.930	26.198	183.84	0.342	0.211
160.0	9.401	33.966	26.247	179.54	0.378	0.217
180.0	9.169	33.981	26.297	175.16	0.414	0.191
200.0	8.925	33.997	26.348	170.59	0.448	0.164
250.0	8.479	34.075	26.479	158.95	0.531	0.155
300.0	7.977	34.111	26.584	149.69	0.607	0.107
350.0	7.632	34.153	26.668	142.39	0.681	0.089
400.0	7.236	34.195	26.757	134.47	0.750	0.065
450.0	6.753	34.206	26.833	127.67	0.815	0.008
500.0	6.479	34.227	26.887	123.04	0.878	-0.012
550.0	6.030	34.277	26.984	114.05	0.937	-0.031
600.0	5.464	34.297	27.069	105.89	0.992	-0.085
650.0	5.323	34.318	27.103	103.12	1.044	-0.085
700.0	5.115	34.350	27.153	98.70	1.095	-0.085
750.0	4.865	34.364	27.193	95.08	1.144	-0.102
800.0	4.619	34.376	27.231	91.68	1.190	-0.120
979.8	4.090	34.435	27.335	82.57	1.345	-0.131

STATION: 8 DATE: 9/26/89 0518 GMT

LAT: 36 20.1 N. LON: 122 19.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.418	33.458	24.693	324.04	0.000	1.000
5.0	15.405	33.459	24.696	323.83	0.016	0.998
10.0	15.299	33.451	24.714	322.35	0.032	0.967
15.0	15.011	33.445	24.772	316.92	0.048	0.898
20.0	14.501	33.445	24.881	306.65	0.064	0.786
25.0	13.539	33.443	25.080	287.88	0.079	0.579
30.0	12.618	33.469	25.283	268.60	0.093	0.412
40.0	11.414	33.394	25.451	252.81	0.119	0.120
50.0	10.145	33.358	25.647	234.32	0.143	-0.138
60.0	10.292	33.546	25.769	222.99	0.166	0.038
70.0	9.995	33.634	25.888	211.84	0.188	0.056
80.0	9.559	33.707	26.018	199.66	0.208	0.040
100.0	9.598	33.930	26.186	184.16	0.247	0.223
120.0	9.472	33.960	26.230	180.33	0.283	0.225
140.0	9.437	33.975	26.248	179.02	0.319	0.231
160.0	9.327	34.008	26.292	175.27	0.354	0.239
180.0	9.066	34.028	26.350	170.11	0.389	0.212
200.0	8.638	34.035	26.423	163.41	0.422	0.149
250.0	8.295	34.081	26.512	155.74	0.501	0.132
300.0	7.921	34.127	26.604	147.71	0.577	0.112
350.0	7.505	34.167	26.697	139.55	0.649	0.082
400.0	7.315	34.179	26.734	136.73	0.718	0.064
450.0	6.945	34.202	26.804	130.60	0.785	0.030
500.0	6.534	34.224	26.876	124.06	0.849	-0.008
550.0	5.969	34.269	26.985	113.88	0.909	-0.045
600.0	5.491	34.298	27.067	106.17	0.964	-0.081
650.0	5.163	34.319	27.123	101.04	1.016	-0.103
700.0	4.785	34.364	27.202	93.58	1.064	-0.111
750.0	4.497	34.391	27.255	88.60	1.110	-0.121
800.0	4.342	34.407	27.285	86.04	1.153	-0.126
999.3	3.958	34.448	27.359	80.19	1.318	-0.134

STATION: 9 DATE: 9/26/89 0618 GMT

LAT: 36 20.1 N. LON: 122 22.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.043	33.467	24.782	315.56	0.000	0.923
5.0	14.214	33.466	24.957	299.05	0.016	0.742
10.0	13.018	33.434	25.177	278.18	0.030	0.465
15.0	12.988	33.430	25.180	278.00	0.044	0.456
20.0	12.500	33.430	25.276	269.07	0.057	0.358
25.0	12.153	33.416	25.331	263.93	0.071	0.279
30.0	11.582	33.386	25.414	256.06	0.084	0.145
40.0	10.517	33.424	25.634	235.33	0.108	-0.020
50.0	10.123	33.522	25.779	221.81	0.131	-0.011
60.0	10.075	33.570	25.825	217.64	0.153	0.019
70.0	9.882	33.629	25.903	210.41	0.175	0.032
80.0	9.612	33.700	26.004	201.00	0.195	0.044
100.0	9.467	33.922	26.201	182.69	0.233	0.195
120.0	9.380	33.996	26.273	176.22	0.269	0.239
140.0	9.282	34.019	26.308	173.37	0.304	0.240
160.0	9.187	34.033	26.334	171.21	0.339	0.236
180.0	9.093	34.031	26.348	170.29	0.373	0.218
200.0	8.686	34.033	26.414	164.31	0.407	0.155
250.0	8.384	34.072	26.491	157.76	0.487	0.138
300.0	8.067	34.109	26.568	151.20	0.564	0.119
350.0	7.683	34.148	26.657	143.48	0.638	0.093
400.0	7.472	34.176	26.709	139.19	0.708	0.084
450.0	7.075	34.193	26.779	133.10	0.776	0.041
500.0	6.716	34.212	26.843	127.41	0.841	0.007
550.0	5.942	34.269	26.988	113.52	0.902	-0.049
600.0	5.422	34.306	27.081	104.70	0.956	-0.083
650.0	5.142	34.321	27.127	100.63	1.007	-0.104
700.0	4.766	34.355	27.197	94.02	1.056	-0.120
750.0	4.623	34.382	27.234	90.80	1.102	-0.115
800.0	4.366	34.399	27.276	86.92	1.147	-0.129
1000.0	3.890	34.454	27.371	78.94	1.313	-0.136
1200.0	3.107	34.517	27.497	66.63	1.457	-0.162
1249.4	3.052	34.522	27.507	65.94	1.489	-0.163

STATION: 10 DATE: 9/26/89 1053 GMT

LAT: 36 20.2 N. LON: 122 25.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.080	33.468	24.774	316.25	0.000	0.932
5.0	14.919	33.461	24.804	313.57	0.016	0.891
10.0	13.099	33.450	25.173	278.58	0.031	0.496
15.0	12.133	33.412	25.331	263.65	0.044	0.272
20.0	11.622	33.397	25.415	255.75	0.057	0.162
25.0	11.507	33.421	25.456	252.03	0.070	0.159
30.0	11.386	33.450	25.500	247.94	0.082	0.159
40.0	10.892	33.458	25.596	239.04	0.107	0.075
50.0	10.283	33.422	25.673	231.81	0.130	-0.063
60.0	10.019	33.517	25.793	220.68	0.153	-0.033
70.0	9.797	33.590	25.886	211.95	0.174	-0.013
80.0	9.772	33.600	25.899	210.98	0.195	-0.009
100.0	9.423	33.853	26.154	187.12	0.235	0.133
120.0	9.409	33.989	26.263	177.20	0.272	0.238
140.0	9.232	34.024	26.320	172.19	0.307	0.237
160.0	9.198	34.033	26.332	171.40	0.341	0.238
180.0	8.814	34.017	26.381	167.02	0.375	0.163
200.0	8.641	34.038	26.424	163.26	0.408	0.152
250.0	8.429	34.067	26.480	158.81	0.488	0.141
300.0	8.116	34.110	26.563	151.78	0.566	0.127
350.0	7.678	34.146	26.656	143.56	0.640	0.091
400.0	7.331	34.181	26.733	136.83	0.710	0.068
450.0	6.954	34.200	26.801	130.88	0.777	0.030
500.0	6.534	34.220	26.873	124.34	0.841	-0.011
550.0	6.166	34.255	26.949	117.51	0.901	-0.032
600.0	5.706	34.293	27.037	109.28	0.958	-0.059
650.0	5.319	34.304	27.093	104.11	1.012	-0.097
700.0	5.014	34.330	27.149	98.92	1.062	-0.112
750.0	4.817	34.348	27.186	95.68	1.111	-0.120
800.0	4.513	34.385	27.249	89.72	1.157	-0.125
1000.0	3.961	34.446	27.357	80.38	1.326	-0.136
1200.0	3.413	34.496	27.452	71.74	1.477	-0.151
1400.0	2.904	34.536	27.532	64.16	1.613	-0.167
1600.0	2.557	34.565	27.587	59.05	1.736	-0.174
1696.2	2.442	34.576	27.606	57.38	1.792	-0.176

STATION: 11 DATE: 9/26/89 1553 GMT

LAT: 36 20.0 N. LON: 122 28.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.732	33.422	25.024	292.51	0.000	0.604
5.0	13.313	33.409	25.098	285.55	0.015	0.506
10.0	12.535	33.402	25.246	271.58	0.028	0.343
15.0	12.162	33.424	25.336	263.22	0.042	0.287
20.0	11.327	33.381	25.457	251.76	0.055	0.094
25.0	10.542	33.291	25.526	245.24	0.067	-0.120
30.0	10.381	33.335	25.588	239.46	0.079	-0.114
40.0	10.223	33.435	25.693	229.71	0.103	-0.063
50.0	10.197	33.491	25.742	225.33	0.125	-0.023
60.0	9.920	33.526	25.816	218.42	0.148	-0.042
70.0	9.700	33.608	25.917	209.03	0.169	-0.015
80.0	9.602	33.694	26.000	201.33	0.190	0.037
100.0	9.652	33.926	26.174	185.29	0.228	0.229
120.0	9.465	33.982	26.248	178.60	0.265	0.241
140.0	9.337	34.014	26.295	174.60	0.300	0.245
160.0	9.250	34.026	26.319	172.73	0.334	0.240
180.0	9.020	34.031	26.360	169.17	0.369	0.207
200.0	8.676	34.033	26.415	164.15	0.402	0.154
250.0	8.444	34.087	26.494	157.54	0.483	0.160
300.0	8.048	34.120	26.580	150.06	0.559	0.125
350.0	7.620	34.152	26.669	142.26	0.633	0.087
400.0	7.341	34.182	26.732	136.89	0.702	0.070
450.0	7.007	34.197	26.791	131.82	0.770	0.035
500.0	6.506	34.225	26.881	123.60	0.833	-0.011
550.0	6.105	34.264	26.964	116.04	0.893	-0.032
600.0	5.595	34.292	27.050	107.94	0.949	-0.073
650.0	5.282	34.315	27.106	102.84	1.001	-0.093
700.0	5.176	34.350	27.146	99.46	1.052	-0.078
750.0	4.866	34.357	27.188	95.61	1.101	-0.108
800.0	4.653	34.372	27.224	92.39	1.148	-0.120
1000.0	3.962	34.449	27.360	80.17	1.318	-0.133
1200.0	3.474	34.493	27.444	72.69	1.470	-0.147
1400.0	3.000	34.527	27.517	65.92	1.608	-0.165
1600.0	2.608	34.564	27.581	59.74	1.733	-0.171
1800.0	2.338	34.586	27.623	55.91	1.848	-0.177
1840.2	2.295	34.590	27.630	55.29	1.871	-0.177

STATION: 12 DATE: 9/26/89 2336 GMT

LAT: 36 20.1 N. LON: 122 32.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.680	33.483	24.654	327.74	0.000	1.080
5.0	15.197	33.480	24.758	317.97	0.016	0.968
10.0	14.515	33.509	24.927	301.97	0.032	0.839
15.0	14.031	33.538	25.052	290.26	0.047	0.759
20.0	13.487	33.567	25.186	277.61	0.061	0.666
25.0	12.765	33.567	25.329	264.09	0.074	0.520
30.0	12.097	33.546	25.443	253.40	0.087	0.371
40.0	11.173	33.587	25.646	234.29	0.111	0.229
50.0	10.748	33.583	25.718	227.61	0.135	0.148
60.0	10.426	33.642	25.820	218.11	0.157	0.137
70.0	10.198	33.709	25.912	209.58	0.178	0.150
80.0	9.798	33.740	26.004	201.03	0.198	0.106
100.0	9.606	33.946	26.197	183.09	0.236	0.237
120.0	9.420	33.968	26.245	178.93	0.273	0.223
140.0	9.137	33.987	26.306	173.50	0.308	0.191
160.0	8.902	34.003	26.356	169.07	0.342	0.166
180.0	8.766	34.024	26.394	165.79	0.376	0.161
200.0	8.595	34.061	26.450	160.83	0.409	0.163
250.0	8.288	34.101	26.529	154.15	0.487	0.147
300.0	7.869	34.134	26.618	146.39	0.563	0.110
350.0	7.327	34.138	26.699	139.20	0.634	0.034
400.0	7.058	34.184	26.773	132.76	0.703	0.032
450.0	6.747	34.215	26.841	126.91	0.767	0.014
500.0	6.341	34.237	26.912	120.50	0.829	-0.023
550.0	6.192	34.263	26.952	117.23	0.889	-0.022
600.0	5.823	34.292	27.022	110.86	0.946	-0.046
650.0	5.477	34.327	27.092	104.40	1.000	-0.060
700.0	5.138	34.338	27.141	99.87	1.051	-0.092
750.0	4.856	34.350	27.183	96.00	1.100	-0.114
800.0	4.664	34.375	27.225	92.31	1.147	-0.116
1000.0	3.977	34.454	27.362	79.98	1.319	-0.128
1200.0	3.464	34.493	27.445	72.56	1.471	-0.148
1400.0	3.040	34.526	27.512	66.47	1.610	-0.162
1600.0	2.619	34.560	27.577	60.16	1.736	-0.173
1800.0	2.311	34.590	27.628	55.30	1.852	-0.176
2000.0	2.024	34.615	27.672	50.87	1.957	-0.179
2195.8	1.866	34.630	27.697	48.60	2.055	-0.181

STATION: 13 DATE: 9/27/89 0106 GMT

LAT: 36 20.1 N. LON: 122 35.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.577	33.604	24.770	316.69	0.000	1.151
5.0	14.835	33.588	24.920	302.53	0.016	0.973
10.0	14.154	33.563	25.046	290.69	0.030	0.804
15.0	13.906	33.584	25.114	284.38	0.045	0.768
20.0	13.834	33.600	25.141	281.95	0.059	0.765
25.0	13.310	33.594	25.243	272.34	0.073	0.651
30.0	12.887	33.591	25.325	264.66	0.086	0.562
40.0	11.610	33.574	25.556	242.88	0.112	0.300
50.0	11.149	33.572	25.638	235.23	0.135	0.212
60.0	10.318	33.666	25.857	214.56	0.158	0.137
70.0	9.864	33.727	25.983	202.81	0.179	0.108
80.0	9.686	33.829	26.092	192.65	0.199	0.158
100.0	9.526	33.898	26.172	185.40	0.236	0.186
120.0	9.268	33.935	26.243	179.03	0.273	0.172
140.0	9.020	33.979	26.318	172.25	0.308	0.167
160.0	8.882	34.019	26.372	167.56	0.342	0.176
180.0	8.734	34.055	26.423	163.01	0.375	0.181
200.0	8.565	34.074	26.465	159.43	0.407	0.169
250.0	8.244	34.114	26.545	152.56	0.485	0.150
300.0	7.899	34.149	26.625	145.73	0.559	0.126
350.0	7.537	34.179	26.702	139.12	0.630	0.096
400.0	7.154	34.206	26.778	132.46	0.698	0.063
450.0	6.739	34.205	26.834	127.55	0.763	0.005
500.0	6.501	34.243	26.896	122.19	0.826	0.003
550.0	6.175	34.276	26.964	116.06	0.885	-0.014
600.0	5.847	34.286	27.014	111.63	0.942	-0.047
650.0	5.539	34.320	27.079	105.72	0.996	-0.058
700.0	5.155	34.330	27.133	100.68	1.047	-0.096
750.0	4.974	34.369	27.185	96.06	1.096	-0.086
800.0	4.743	34.388	27.227	92.30	1.144	-0.097
1000.0	4.017	34.445	27.351	81.13	1.315	-0.131
1200.0	3.438	34.500	27.453	71.75	1.467	-0.145
1400.0	2.984	34.533	27.523	65.28	1.604	-0.162
1600.0	2.640	34.562	27.577	60.26	1.729	-0.170
1800.0	2.293	34.592	27.631	54.93	1.844	-0.176
2000.0	2.023	34.614	27.671	50.94	1.949	-0.180
2200.0	1.871	34.631	27.698	48.60	2.048	-0.179
2400.0	1.772	34.645	27.718	47.06	2.144	-0.177
2599.6	1.715	34.655	27.731	46.27	2.237	-0.174

STATION: 14 DATE: 9/27/89 1053 GMT

LAT: 36 20.1 N. LON: 122 38.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.912	33.590	24.905	303.83	0.000	0.991
5.0	14.832	33.587	24.920	302.50	0.015	0.971
10.0	14.639	33.585	24.960	298.86	0.030	0.927
15.0	14.284	33.548	25.007	294.58	0.045	0.820
20.0	13.169	33.474	25.178	278.34	0.060	0.527
25.0	12.858	33.470	25.237	272.91	0.073	0.461
30.0	12.505	33.480	25.314	265.72	0.087	0.398
40.0	11.386	33.501	25.540	244.35	0.112	0.200
50.0	11.051	33.586	25.667	232.49	0.136	0.205
60.0	10.459	33.613	25.792	220.79	0.158	0.120
70.0	10.350	33.648	25.839	216.56	0.180	0.129
80.0	9.908	33.763	26.003	201.08	0.201	0.143
100.0	9.533	33.855	26.138	188.67	0.240	0.153
120.0	9.384	33.914	26.208	182.37	0.277	0.174
140.0	9.159	33.958	26.280	175.98	0.313	0.172
160.0	9.023	33.980	26.319	172.61	0.348	0.168
180.0	8.859	34.025	26.380	167.12	0.381	0.177
200.0	8.730	34.060	26.428	162.97	0.414	0.183
250.0	8.215	34.116	26.552	151.95	0.493	0.148
300.0	7.743	34.158	26.655	142.82	0.567	0.110
350.0	7.427	34.192	26.728	136.58	0.636	0.091
400.0	7.095	34.220	26.797	130.62	0.703	0.066
450.0	6.673	34.245	26.874	123.69	0.767	0.028
500.0	6.387	34.252	26.918	119.99	0.828	-0.005
550.0	6.098	34.279	26.977	114.81	0.886	-0.021
600.0	5.827	34.300	27.028	110.32	0.942	-0.039
650.0	5.437	34.318	27.090	104.57	0.996	-0.072
700.0	5.176	34.343	27.141	99.99	1.047	-0.083
750.0	4.878	34.367	27.194	95.02	1.096	-0.099
800.0	4.645	34.391	27.240	90.88	1.142	-0.106
1000.0	3.981	34.449	27.358	80.39	1.312	-0.131
1200.0	3.476	34.501	27.451	72.11	1.465	-0.141
1400.0	3.014	34.530	27.518	65.86	1.603	-0.161
1600.0	2.667	34.557	27.571	60.95	1.730	-0.171
1800.0	2.314	34.586	27.625	55.62	1.846	-0.179
2000.0	2.069	34.610	27.665	51.79	1.954	-0.180
2200.0	1.879	34.631	27.697	48.70	2.054	-0.179
2400.0	1.780	34.647	27.718	47.03	2.150	-0.175
2600.0	1.702	34.657	27.733	45.98	2.243	-0.174
2800.0	1.644	34.663	27.744	45.40	2.334	-0.174
3000.0	1.614	34.667	27.750	45.32	2.425	-0.175
3116.0	1.598	34.669	27.754	45.30	2.478	-0.175

STATION: 15 DATE: 9/27/89 1706 GMT

LAT: 36 19.6 N. LON: 122 41.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.931	33.466	24.805	313.32	0.000	0.897
5.0	14.833	33.468	24.828	311.30	0.016	0.877
10.0	14.701	33.495	24.877	306.76	0.031	0.869
15.0	14.466	33.466	24.905	304.22	0.046	0.795
20.0	14.209	33.434	24.935	301.52	0.062	0.714
25.0	13.233	33.405	25.112	284.77	0.076	0.487
30.0	11.851	33.398	25.374	259.91	0.090	0.206
40.0	11.817	33.560	25.507	247.57	0.115	0.328
50.0	10.949	33.634	25.722	227.26	0.139	0.224
60.0	10.608	33.693	25.829	217.33	0.161	0.210
70.0	10.193	33.704	25.909	209.87	0.182	0.145
80.0	9.888	33,730	25.981	203.18	0.203	0.114
100.0	9.591	33.842	26.118	190.54	0.242	0.152
120.0	9.450	33.894	26.182	184.85	0.279	0.170
140.0	9.219	33.939	26.255	178.33	0.316	0.167
160.0	8.958	33.989	26.336	170.96	0.350	0.164
180.0	8.769	34.043	26.408	164.44	0.384	0.177
200.0	8.516	34.071	26.470	158.93	0.416	0.159
250.0	8.047	34.129	26.587	148.56	0.493	0.133
300.0	7.743	34.157	26.654	142.88	0.567	0.110
350.0	7.502	34.196	26.720	137.35	0.637	0.105
400.0	7.107	34.199	26.779	132.32	0.704	0.051
450.0	6.687	34.226	26.857	125.26	0.768	0.015
500.0	6.308	34.258	26.933	118.48	0.829	-0.010
550.0	6.002	34.281	26.991	113.38	0.887	-0.032
600.0	5.569	34.296	27.056	107.29	0.942	-0.073
650.0	5.331	34.320	27.104	103.05	0.995	-0.083
700.0	5.059	34.344	27.155	98.44	1.045	-0.096
750.0	4.892	34.366	27.192	95.26	1.094	-0.098
800.0	4.640	34.391	27.240	90.82	1.140	-0.106
1000.0	3.955	34.453	27.364	79.78	1.311	-0.131
1200.0	3.512	34.497	27.444	72.84	1.463	-0.141
1400.0	3.025	34.530	27.517	66.00	1.601	-0.161
1600.0	2.679	34.555	27.568	61.24	1.729	-0.172
1800.0	2.341	34.582	27.619	56.25	1.846	-0.180
2000.0	2.064	34.605	27.661	52.09	1.954	-0.184
2200.0	1.929	34.625	27.689	49.77	2.056	-0.180
2400.0	1.804	34.642	27.713	47.67	2.153	-0.177
2600.0	1.728	34.652	27.728	46.66	2.248	-0.176
2800.0	1.658	34.661	27.741	45.73	2.340	-0.175
2997.8	1.593	34.670	27.754	44.80	2.429	-0.174

STATION: 16 DATE: 9/27/89 2141 GMT

LAT: 36 20.0 N. LON: 122 48.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	16.899	33.448	24.348	356.87	0.000	1.338
5.0	16.766	33.456	24.385	353.49	0.018	1.312
10.0	16.566	33.467	24.441	348.36	0.035	1.273
15.0	16.499	33.469	24.458	346.91	0.053	1.258
20.0	16.226	33.455	24.510	342.11	0.070	1.183
25.0	15.547	33.401	24.621	331.66	0.087	0.984
30.0	14.675	33.326	24.753	319.13	0.103	0.730
40.0	13.195	33.346	25.075	288.74	0.134	0.431
50.0	12.409	33.503	25.350	262.72	0.161	0.397
60.0	10.995	33.467	25.584	240.58	0.186	0.100
70.0	9.985	33.420	25.723	227.51	0.210	-0.116
80.0	9.730	33.587	25.896	211.27	0.232	-0.026
100.0	9.137	33.718	26.094	192.74	0.272	-0.021
120.0	9.130	33.867	26.212	181.94	0.309	0.096
140.0	8.925	33.994	26.345	169.72	0.345	0.163
160.0	8.740	34.041	26.411	163.78	0.378	0.171
180.0	8.663	34.066	26.443	161.11	0.411	0.178
200.0	8.533	34.103	26.493	156.77	0.442	0.187
250.0	7.970	34.111	26.584	148.79	0.519	0.107
300.0	7.637	34.164	26.675	140.87	0.591	0.099
350.0	7.284	34.189	26.745	134.82	0.660	0.068
400.0	6.979	34.225	26.816	128.64	0.726	0.054
450.0	6.640	34.247	26.880	123.08	0.789	0.025
500.0	5.954	34.197	26.929	118.38	0.849	-0.103
550.0	5.918	34.267	26.990	113.33	0.907	-0.053
600.0	5.542	34.266	27.036	109.17	0.962	-0.100
650.0	5.283	34.304	27.097	103.66	1.015	-0.101
700.0	5.171	34.353	27.149	99.17	1.066	-0.076
750.0	4.859	34.377	27.204	94.04	1.114	-0.093
800.0	4.636	34.398	27.246	90.26	1.160	-0.101
1000.0	3.917	34.453	27.367	79.33	1.330	-0.134
1200.0	3.464	34.502	27.452	71.91	1.480	-0.141
1400.0	3.004	34.529	27.518	65.83	1.618	-0.163
1600.0	2.674	34.561	27.574	60.74	1.744	-0.168
1800.0	2.383	34.581	27.615	56.82	1.861	-0.177
2000.0	2.100	34.608	27.661	52.32	1.970	-0.179
2200.0	1.942	34.628	27.690	49.71	2.072	-0.177
2400.0	1.818	34.643	27.713	47.79	2.169	-0.175
2600.0	1.722	34.654	27.730	46.44	2.264	-0.175
2800.0	1.652	34.662	27.743	45.57	2.355	-0.174
3000.0	1.587	34.670	27.755	44.73	2.446	-0.174
3106.1	1.574	34.671	27.757	44.78	2.493	-0.175

STATION: 17 DATE: 9/28/89 0618 GMT

LAT: 36 20.0 N. LON: 122 55.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	17.564	33.343	24.110	379.57	0.000	1.417
5.0	17.459	33.326	24.122	378.56	0.019	1.378
10.0	16.818	33.172	24.156	375.54	0.038	1.101
15.0	16.722	33.207	24.205	370.98	0.056	1.106
20.0	15.677	33.273	24.493	343.63	0.075	0.913
25.0	15.319	33.335	24.621	331.65	0.091	0.880
30.0	14.979	33.362	24.716	322.75	0.108	0.825
40.0	13.617	33.281	24.939	301.65	0.139	0.467
50.0	12.271	33.231	25.166	280.26	0.168	0.154
60.0	10.775	33.126	25.358	262.09	0.195	-0.212
70.0	10.422	33.249	25.515	247.33	0.220	-0.177
80.0	10.238	33.355	25.629	236.66	0.245	-0.125
100.0	9.159	33.454	25.885	212.61	0.289	-0.227
120.0	9.082	33.688	26.080	194.47	0.330	-0.054
140.0	8.334	33.823	26.302	173.59	0.367	-0.064
160.0	8.214	33.924	26.400	164.67	0.400	-0.003
180.0	7.963	33.962	26.467	158.55	0.433	-0.010
200.0	7.619	33.960	26.516	154.16	0.464	-0.063
250.0	7.289	34.017	26.608	146.08	0.539	-0.065
300.0	6.930	34.067	26.698	138.20	0.610	-0.076
350.0	6.506	34.089	26.772	131.64	0.677	-0.116
400.0	6.483	34.175	26.843	125.64	0.742	-0.052
450.0	5.851	34.160	26.913	119.15	0.803	-0.144
500.0	5.828	34.220	26.963	115.02	0.861	-0.100
550.0	5.686	34.267	27.018	110.35	0.918	-0.081
600.0	5.316	34.278	27.072	105.44	0.972	-0.117
650.0	5.146	34.324	27.129	100.46	1.023	-0.101
700.0	5.002	34.359	27.173	96.62	1.073	-0.091
750.0	4.705	34.383	27.226	91.72	1.120	-0.105
800.0	4.470	34.381	27.251	89.50	1.165	-0.132
1000.0	3.914	34.462	27.375	78.64	1.332	-0.128
1200.0	3.448	34.507	27.458	71.33	1.482	-0.139
1400.0	3.066	34.535	27.517	66.12	1.619	-0.153
1600.0	2.689	34.561	27.572	60.91	1.746	-0.166
1800.0	2.409	34.582	27.614	57.07	1.864	-0.174
2000.0	2.150	34.604	27.654	53.21	1.974	-0.178
2200.0	1.951	34.624	27.686	50.12	2.078	-0.179
2400.0	1.819	34.643	27.713	47.80	2.175	-0.175
2600.0	1.733	34.654	27.729	46.58	2.270	-0.174
2800.0	1.665	34.662	27.742	45.75	2.362	-0.174
3000.0	1.603	34.668	27.752	45.09	2.453	-0.174
3200.0	1.584	34.673	27.759	45.07	2.543	-0.173
3260.1	1.582	34.673	27.759	45.21	2.570	-0.174

STATION: 18 DATE: 9/28/89 1123 GMT

LAT: 36 20.0 N. LON: 123 2.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	17.689	33.277	24.029	387.26	0.000	1.396
5.0	17.672	33.282	24.037	386.66	0.019	1.396
10.0	17.565	33.304	24.080	382.77	0.039	1.386
15.0	17.379	33.292	24.115	379.55	0.058	1.331
20.0	16.735	33.237	24.225	369.24	0.076	1.132
25.0	15.743	33.175	24.403	352.36	0.094	0.851
30.0	15.220	33.172	24.517	341.68	0.112	0.729
40.0	14.975	33.342	24.702	324.38	0.145	0.809
50.0	12.404	33.196	25.113	285.32	0.176	0.153
60.0	10.996	33.158	25.344	263.44	0.203	-0.146
70.0	10.617	33.190	25.435	254.91	0.229	-0.189
80.0	10.448	33.222	25.490	249.93	0.254	-0.194
100.0	9.139	33.495	25.919	209.30	0.300	-0.198
120.0	8.846	33.682	26.113	191.30	0.340	-0.096
140.0	8.488	33.809	26.268	176.90	0.377	-0.052
160.0	8.248	33.933	26.402	164.51	0.411	0.009
180.0	7.985	33.972	26.472	158.14	0.443	0.001
200.0	7.770	34.006	26.530	152.87	0.474	-0.005
250.0	6.803	33.978	26.644	142.45	0.548	-0.163
300.0	6.362	34.002	26.722	135.53	0.617	-0.203
350.0	5.918	34.017	26.790	129.39	0.683	-0.248
400.0	5.855	34.097	26.861	123.31	0.747	-0.193
450.0	5.545	34.135	26.930	117.20	0.807	-0.202
500.0	5.282	34.175	26.993	111.57	0.864	-0.202
550.0	5.154	34.225	27.048	106.80	0.918	-0.177
600.0	4.980	34.261	27.097	102.60	0.971	-0.170
650.0	4.790	34.293	27.145	98.39	1.021	-0.166
700.0	4.870	34.358	27.187	95.08	1.069	-0.106
750.0	4.532	34.348	27.217	92.21	1.116	-0.151
800.0	4.366	34.368	27.251	89.22	1.161	-0.154
1000.0	3.933	34.456	27.368	79.30	1.330	-0.130
1200.0	3.447	34.505	27.456	71.48	1.480	-0.141
1400.0	3.063	34.536	27.518	66.01	1.617	-0.153
1600.0	2.702	34.561	27.571	61.08	1.744	-0.165
1800.0	2.366	34.584	27.619	56.39	1.862	-0.176
2000.0	2.119	34.604	27.656	52.85	1.971	-0.181
2200.0	1.926	34.628	27.691	49.51	2.073	-0.178
2400.0	1.810	34.641	27.712	47.82	2.170	-0.177
2600.0	1.742	34.653	27.728	46.77	2.265	-0.174
2800.0	1.677	34.660	27.739	46.06	2.358	-0.174
3000.0	1.614	34.667	27.751	45.32	2.449	-0.174
3200.0	1.595	34.671	27.756	45.36	2.540	-0.174
3312.0	1.595	34.672	27.758	45.62	2.591	-0.174

STATION: 19 DATE: 9/29/89 0236 GMT

LAT: 36 15.8 N. LON: 123 10.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	17.681	33.249	24.010	389.12	0.000	1.372
5.0	17.625	33.256	24.028	387.50	0.019	1.364
10.0	16.677	33.315	24.298	361.97	0.038	1.180
15.0	16.468	33.339	24.365	355.75	0.056	1.149
20.0	16.351	33.337	24.390	353.47	0.074	1.120
25.0	16.237	33.335	24.415	351.27	0.092	1.092
30.0	16.064	33.330	24.451	348.00	0.109	1.047
40.0	14.815	33.176	24.607	333.33	0.143	0.642
50.0	11.402	32.960	25.117	284.80	0.173	-0.229
60.0	11.163	33.056	25.235	273.83	0.201	-0.197
70.0	10.721	33.113	25.357	262.35	0.228	-0.232
80.0	9.972	33.180	25.537	245.33	0.253	-0.311
100.0	9.622	33.579	25.907	210.55	0.299	-0.052
120.0	8.824	33.650	26.091	193.35	0.339	-0.125
140.0	8.458	33.798	26.263	177.29	0.377	-0.065
160.0	8.268	33.935	26.400	164.65	0.411	0.014
180.0	8.096	33.981	26.462	159.08	0.443	0.024
200.0	7.818	34.005	26.522	153.61	0.475	0.002
250.0	7.122	34.008	26.624	144.45	0.549	-0.096
300.0	6.330	33.987	26.714	136.27	0.619	-0.219
350.0	6.105	34.039	26.784	130.15	0.686	-0.207
400.0	5.850	34.109	26.872	122.34	0.749	-0.185
450.0	5.491	34.119	26.924	117.68	0.809	-0.220
500.0	5.359	34.164	26.976	113.28	0.867	-0.201
550.0	4.987	34.193	27.042	107.19	0.922	-0.222
600.0	4.890	34.247	27.096	102.52	0.974	-0.190
650.0	4.750	34.298	27.153	97.57	1.024	-0.166
700.0	4.663	34.340	27.196	93.89	1.072	-0.143
750.0	4.648	34.387	27.236	90.72	1.118	-0.108
800.0	4.431	34.402	27.272	87.48	1.163	-0.120
1000.0	3.874	34.466	27.382	77.86	1.328	-0.128
1200.0	3.399	34.512	27.467	70.39	1.475	-0.139
1400.0	3.006	34.538	27.525	65.19	1.610	-0.156
1600.0	2.642	34.569	27.583	59.79	1.735	-0.164
1800.0	2.333	34.590	27.626	55.55	1.851	-0.174
2000.0	2.105	34.609	27.661	52.30	1.958	-0.178
2200.0	1.941	34.628	27.690	49.70	2.060	-0.177
2400.0	1.831	34.641	27.710	48.11	2.157	-0.176
2600.0	1.757	34.651	27.725	47.12	2.253	-0.174
2800.0	1.693	34.659	27.737	46.35	2.346	-0.174
3000.0	1.632	34.666	27.748	45.64	2.438	-0.174
3200.0	1.592	34.671	27.757	45.32	2.529	-0.174
3301.9	1.550	34.676	27.764	44.65	2.575	-0.174

STATION: 20 DATE: 9/29/89 0723 GMT

LAT: 36 6.8 N. LON: 123 30.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	18.227	33.047	23.722	416.52	0.000	1.351
5.0	18.226	33.047	23.723	416.66	0.021	1.350
10.0	17.875	33.078	23.832	406.36	0.041	1.286
15.0	17.505	33.293	24.087	382.29	0.061	1.363
20.0	16.333	33.183	24.276	364.36	0.080	0.995
25.0	14.603	33.070	24.571	336.37	0.097	0.512
30.0	13.385	33.025	24.788	315.80	0.114	0.216
40.0	11.425	32.934	25.092	286.94	0.144	-0.245
50.0	10.547	32.892	25.215	275.41	0.172	-0.440
60.0	10.243	32.883	25.260	271.32	0.199	-0.501
70.0	9.894	32.895	25.328	265.01	0.226	-0.552
80.0	10.401	33.137	25.432	255.44	0.252	-0.270
100.0	8.943	33.234	25.746	225.68	0.299	-0.438
120.0	8.570	33.422	25.951	206.51	0.343	-0.347
140.0	8.531	33.678	26.158	187.27	0.382	-0.150
160.0	8.236	33.785	26.288	175.30	0.418	-0.110
180.0	8.103	33.911	26.406	164.40	0.452	-0.030
200.0	7.954	33.980	26.483	157.44	0.484	0.002
250.0	7.264	34.003	26.600	146.81	0.560	-0.080
300.0	6.470	33.981	26.691	138.52	0.631	-0.206
350.0	5.967	34.021	26.787	129.76	0.698	-0.239
400.0	5.800	34.075	26.851	124.27	0.762	-0.218
450.0	5.299	34.075	26.911	118.65	0.822	-0.278
500.0	5.449	34.179	26.977	113.30	0.880	-0.179
550.0	5.328	34.225	27.028	108.95	0.936	-0.157
600.0	4.986	34.238	27.078	104.34	0.989	-0.187
650.0	4.740	34.256	27.121	100.53	1.040	-0.200
700.0	4.625	34.296	27.165	96.71	1.090	-0.182
750.0	4.412	34.326	27.213	92.42	1.137	-0.181
800.0	4.315	34.360	27.251	89.20	1.183	-0.165
1000.0	3.876	34.447	27.367	79.29	1.350	-0.143
1200.0	3.385	34.499	27.457	71.19	1.500	-0.151
1400.0	3.004	34.541	27.527	64.94	1.636	-0.154
1600.0	2.682	34.565	27.576	60.54	1.761	-0.164
1800.0	2.338	34.588	27.624	55.76	1.877	-0.175
2000.0	2.113	34.612	27.663	52.18	1.985	-0.175
2200.0	1.963	34.628	27.688	49.97	2.087	-0.175
2400.0	1.855	34.640	27.708	48.49	2.186	-0.175
2600.0	1.787	34.649	27.721	47.66	2.282	-0.174
2800.0	1.723	34.655	27.732	47.05	2.376	-0.175
3000.0	1.672	34.662	27.743	46.47	2.470	-0.174
3200.0	1.633	34.666	27.750	46.26	2.562	-0.175
3400.0	1.603	34.671	27.757	46.07	2.654	-0.175
3446.0	1.596	34.672	27.759	46.03	2.676	-0.175

STATION: 21 DATE: 9/29/89 1250 GMT

LAT: 35 56.8 N. LON: 123 51.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	18.235	32.965	23.658	422.69	0.000	1.288
5.0	18.235	32.965	23.658	422.85	0.021	1.288
10.0	18.234	32.967	23.660	422.80	0.042	1.289
15.0	17.975	32.962	23.720	417.30	0.063	1.220
20.0	17.247	32.907	23.852	404.83	0.084	0.996
25.0	17.034	33.058	24.018	389.14	0.104	1.063
30.0	16.334	33.054	24.177	374.09	0.123	0.892
40.0	14.610	33.047	24.552	338.57	0.158	0.494
50.0	13.080	33.055	24.873	308.22	0.191	0.176
60.0	11.688	32.992	25.090	287.65	0.220	-0.149
70.0	10.374	32.878	25.234	273.99	0.249	-0.482
80.0	10.052	32.946	25.342	263.91	0.276	-0.484
100.0	10.214	33.211	25.521	247.31	0.327	-0.244
120.0	10.669	33.571	25.724	228.62	0.374	0.123
140.0	9.127	33.534	25.953	206.94	0.418	-0.170
160.0	8.792	33.730	26.160	187.62	0.457	-0.067
180.0	8.422	33.861	26.319	172.73	0.493	-0.021
200.0	8.016	33.920	26.426	162.79	0.527	-0.037
250.0	7.408	33.979	26.562	150.55	0.605	-0.078
300.0	6.823	34.004	26.662	141.49	0.679	-0.141
350.0	6.305	34.023	26.746	133.88	0.747	-0.194
400.0	5.799	34.047	26.829	126.32	0.812	-0.240
450.0	5.545	34.087	26.892	120.75	0.874	-0.239
500.0	5.396	34.141	26.953	115.48	0.933	-0.215
550.0	5.134	34.192	27.024	109.03	0.989	-0.206
600.0	4.898	34.240	27.090	103.15	1.042	-0.195
650.0	4.776	34.282	27.137	99.05	1.093	-0.176
700.0	4.576	34.307	27.180	95.30	1.141	-0.178
750.0	4.358	34.330	27.222	91.48	1.188	-0.184
800.0	4.284	34.371	27.263	88.01	1.233	-0.160
1000.0	3.869	34.464	27.381	77.95	1.398	-0.131
1200.0	3.337	34.509	27.470	69.91	1.545	-0.148
1400.0	2.937	34.542	27.534	64.10	1.679	-0.159
1600.0	2.610	34.567	27.584	59.53	1.803	-0.168
1800.0	2.303	34.589	27.628	55.27	1.919	-0.177
2000.0	2.084	34.613	27.666	51.75	2.026	-0.176
2200.0	1.932	34.630	27.692	49.44	2.127	-0.176
2400.0	1.841	34.641	27.709	48.23	2.224	-0.175
2600.0	1.760	34.652	27.725	47.10	2.320	-0.174
2800.0	1.699	34.660	27.738	46.36	2.413	-0.173
3000.0	1.644	34.665	27.747	45.89	2.505	-0.174
3200.0	1.606	34.669	27.754	45.65	2.597	-0.175
3400.0	1.577	34.675	27.762	45.40	2.688	-0.173
3600.0	1.545	34.678	27.768	45.27	2.778	-0.175
3692.1	1.534	34.680	27.771	45.22	2.820	-0.174

STATION: 23 DATE: 9/29/89 2145 GMT

LAT: 36 27.1 N. LON: 122 47.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	17.672	33.347	24.087	381.75	0.000	1.447
5.0	17.558	33.359	24.124	378.43	0.019	1.428
10.0	17.122	33.429	24.281	363.58	0.038	1.376
15.0	16.692	33.506	24.442	348.44	0.055	1.334
20.0	16.006	33.493	24.589	334.54	0.072	1.162
25.0	15.425	33.421	24.663	327.63	0.089	0.973
30.0	13.915	33.253	24.856	309.30	0.105	0.508
40.0	12.382	33.302	25.200	276.79	0.134	0.233
50.0	11.565	33.469	25.483	250.06	0.160	0.208
60.0	11.015	33.580	25.669	232.53	0.184	0.194
70.0	10.469	33.622	25.798	220.49	0.207	0.129
80.0	10.235	33.647	25.858	214.95	0.229	0.108
100.0	9.771	33.744	26.012	200.70	0.270	0.105
120.0	9.409	33.928	26.215	181.72	0.308	0.190
140.0	9.074	33.963	26.297	174.31	0.344	0.162
160.0	8.891	33.994	26.351	169.57	0.378	0.157
180.0	8.704	34.045	26.420	163.31	0.411	0.168
200.0	8.461	34.082	26.487	157.29	0.443	0.159
250.0	8.017	34.128	26.591	148.15	0.520	0.128
300.0	7.548	34.165	26.689	139.50	0.592	0.088
350.0	7.309	34.189	26.742	135.15	0.660	0.072
400.0	6.945	34.220	26.817	128.56	0.727	0.045
450.0	6.559	34.221	26.870	123.91	0.790	-0.006
500.0	5.980	34.215	26.940	117.38	0.850	-0.086
550.0	5.810	34.260	26.998	112.46	0.908	-0.072
600.0	5.653	34.306	27.054	107.63	0.962	-0.055
650.0	5.352	34.344	27.120	101.56	1.015	-0.062
700.0	5.055	34.355	27.164	97.57	1.064	-0.088
750.0	4.829	34.384	27.213	93.15	1.112	-0.091
800.0	4.634	34.402	27.249	89.95	1.158	-0.098
1000.0	3.903	34.454	27.370	79.10	1.326	-0.135
1200.0	3.442	34.502	27.454	71.64	1.477	-0.143
1400.0	3.016	34.533	27.520	65.66	1.615	-0.159
1600.0	2.701	34.560	27.570	61.15	1.741	-0.166
1800.0	2.341	34.583	27 620	56.17	1.858	-0.179
2000.0	2.125	34.604	27.655	52.91	1.967	-0.180
2200.0	1.935	34.628	27.691	49.62	2.069	-0.177
2400.0	1.789	34.645	27.716	47.27	2.166	-0.176
2600.0	1.715	34.655	27.731	46.27	2.260	-0.174
2800.0	1.653	34.662	27.742	45.59	2.352	-0.174
2964.3	1.617	34.666	27.749	45.32	2.426	-0.175

STATION: 24 DATE: 9/30/89 0148 GMT

LAT: 36 35.8 N. LON: 122 29.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.415	33.470	24.702	323.10	0.000	1.009
5.0	14.825	33.497	24.852	309.02	0.016	0.898
10.0	13.927	33.536	25.072	288.19	0.031	0.735
15.0	13.155	33.507	25.206	275.56	0.045	0.551
20.0	12.471	33.471	25.313	265.54	0.058	0.384
25.0	11.802	33.437	25.413	256.07	0.071	0.227
30.0	11.429	33.426	25.473	250.44	0.084	0.149
40.0	10.533	33.502	25.693	229.80	0.108	0.046
50.0	10.301	33.762	25.936	206.92	0.130	0.211
60.0	9.978	33.824	26.039	197.31	0.150	0.204
70.0	9.829	33.864	26.095	192.16	0.169	0.210
80.0	9.762	33.881	26.120	190.03	0.188	0.212
100.0	9.642	33.899	26.155	187.12	0.226	0.206
120.0	9.446	33.943	26.221	181.22	0.263	0.207
140.0	9.087	33.982	26.310	173.10	0.299	0.180
160.0	8.894	34.027	26.376	167.14	0.333	0.184
180.0	8.684	34.077	26.448	160.67	0.366	0.190
200.0	8.617	34.091	26.470	158.97	0.398	0.190
250.0	8.280	34.146	26.565	150.72	0.475	0.181
300.0	8.057	34.178	26.624	145.92	0.549	0.172
350.0	7.833	34.200	26.675	141.82	0.621	0.156
400.0	7.527	34.223	26.739	136.49	0.690	0.129
450.0	7.102	34.230	26.804	130.72	0.757	0.074
500.0	6.790	34.243	26.858	126.14	0.821	0.041
550.0	6.370	34.269	26.934	119.18	0.883	0.006
600.0	5.970	34.280	26.994	113.68	0.941	-0.037
650.0	5.682	34.312	27.056	108.16	0.997	-0.048
700.0	5.371	34.334	27.111	103.11	1.049	-0.068
750.0	5.010	34.356	27.171	97.48	1.099	-0.092
800.0	4.812	34.373	27.207	94.28	1.147	-0.102
1000.0	4.047	34.443	27.346	81.63	1.323	-0.129
1200.0	3.531	34.495	27.441	73.19	1.477	-0.140
1400.0	3.060	34.525	27.509	66.80	1.617	-0.162
1600.0	2.661	34.559	27.573	60.74	1.744	-0.171
1800.0	2.347	34.587	27.623	55.95	1.861	-0.175
2000.0	2.078	34.612	27.666	51.75	1.969	-0.178
2200.0	1.892	34.629	27.695	49.01	2.070	-0.179
2400.0	1.801	34.643	27.714	47.58	2.166	-0.176
2600.0	1.716	34.655	27.731	46.29	2.260	-0.174
2800.0	1.697	34.659	27.737	46.40	2.353	-0.174
2969.7	1.654	34.664	27.745	45.99	2.431	-0.174

STATION: 26 DATE: 9/30/89 0641 GMT

LAT: 36 36.7 N. LON: 122 9.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	16.198	33.512	24.559	336.75	0.000	1.222
5.0	16.042	33.508	24.592	333.79	0.017	1.183
10.0	15.297	33.510	24.759	318.00	0.033	1.013
15.0	14.027	33.546	25.059	289.57	0.048	0.764
20.0	12.776	33.573	25.332	263.69	0.062	0.526
25.0	12.327	33.589	25.433	254.26	0.075	0.450
30.0	11.648	33.600	25.569	241.38	0.087	0.328
40.0	10.778	33.555	25.691	230.00	0.111	0.131
50.0	10.241	33.636	25.847	215.28	0.133	0.100
60.0	10.209	33.733	25.929	207.77	0.154	0.172
70.0	10.141	33.741	25.947	206.28	0.175	0.166
80.0	9.936	33.740	25.981	203.24	0.195	0.130
100.0	9.769	33.864	26.106	191.77	0.235	0.199
120.0	9.271	33.932	26.241	179.26	0.272	0.170
140.0	9.080	33.968	26.300	174.02	0.307	0.167
160.0	8.971	33.990	26.335	171.11	0.341	0.167
180.0	8.830	34.026	26.385	166.64	0.375	0.173
200.0	8.700	34.057	26.431	162.69	0.408	0.177
250.0	8.334	34.117	26.534	153.68	0.487	0.166
300.0	7.883	34.120	26.605	147.64	0.562	0.101
350.0	7.563	34.153	26.677	141.41	0.635	0.079
400.0	7.273	34.189	26.748	135.35	0.704	0.067
450.0	6.782	34.200	26.824	128.48	0.770	0.007
500.0	6.116	34.145	26.868	124.33	0.833	-0.124
550.0	6.092	34.240	26.946	117.64	0.893	-0.053
600.0	5.867	34.271	27.000	112.99	0.951	-0.057
650.0	5.377	34.323	27.101	103.44	1.005	-0.075
700.0	5.127	34.328	27.134	100.48	1.056	-0.101
750.0	4.833	34.358	27.192	95.13	1.105	-0.111
800.0	4.699	34.374	27.220	92.81	1.151	-0.113
1000.0	4.031	34.442	27.347	81.52	1.326	-0.132
1200.0	3.345	34.503	27.464	70.42	1.478	-0.152
1400.0	2.893	34.539	27.536	63.78	1.612	-0.165
1600.0	2.577	34.570	27.589	58.94	1.735	-0.169
1800.0	2.292	34.596	27.634	54.64	1.849	-0.173
2000.0	2.020	34.621	27.677	50.39	1.955	-0.175
2105.9	1.962	34.627	27.687	49.67	2.008	-0.175

STATION: 25 DATE: 9/30/89 1006 GMT

LAT: 36 33.7 N. LON: 122 14.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.607	33.563	24.732	320.33	0.000	1.126
5.0	15.498	33.556	24.751	318.68	0.016	1.095
10.0	15.415	33.562	24.774	316.60	0.032	1.081
15.0	15.300	33.558	24.796	314.65	0.048	1.052
20.0	15.007	33.570	24.869	307.81	0.063	0.995
25.0	14.350	33.551	24.995	295.93	0.078	0.837
30.0	13.579	33.535	25.143	282.01	0.093	0.660
40.0	11.345	33.571	25.602	238.47	0.118	0.248
50.0	10.986	33.706	25.772	222.56	0.141	0.288
60.0	10.795	33.728	25.823	217.89	0.163	0.271
70.0	10.391	33.758	25.917	209.12	0.185	0.223
80.0	10.061	33.738	25.958	205.43	0.206	0.149
100.0	9.784	33.850	26.092	193.05	0.245	0.191
120.0	9.442	33.922	26.206	182.65	0.283	0.191
140.0	9.299	33.967	26.264	177.49	0.319	0.202
160.0	9.076	33.987	26.316	172.94	0.354	0.181
180.0	8.866	34.033	26.386	166.63	0.388	0.184
200.0	8.657	34.072	26.449	160.96	0.420	0.182
250.0	8.347	34.127	26.540	153.14	0.499	0.176
300.0	8.030	34.165	26.618	146.49	0.574	0.158
350.0	7.786	34.192	26.676	141.74	0.646	0.142
400.0	7.537	34.215	26.731	137.21	0.715	0.124
450.0	7.213	34.216	26.778	133.31	0.783	0.078
500.0	6.632	34.224	26.863	125.40	0.848	0.005
550.0	6.235	34.245	26.932	119.15	0.909	-0.030
600.0	5.866	34.288	27.014	111.71	0.967	-0.043
650.0	5.557	34.295	27.057	107.80	1.022	-0.076
700.0	5.312	34.321	27.107	103.33	1.074	-0.085
750.0	5.146	34.356	27.155	99.19	1.125	-0.077
800.0	4.895	34.372	27.197	95.38	1.173	-0.093
1000.0	4.235	34.423	27.311	85.39	1.353	-0.126
1200.0	3.247	34.510	27.479	68.75	1.506	-0.155
1400.0	2.860	34.542	27.541	63.17	1.638	-0.165
1600.0	2.497	34.574	27.599	57.70	1.759	-0.172
1800.0	2.273	34.596	27.636	54.40	1.871	-0.174
2000.0	2.028	34.615	27.672	50.92	1.976	-0.179
2200.0	1.892	34.634	27.699	48.65	2.075	-0.176
2400.0	1.828	34.639	27.709	48.22	2.172	-0.178
2537.7	1.799	34.644	27.716	47.96	2.238	-0.177

STATION: 27 DATE: 9/30/89 1248 GMT

LAT: 36 43.4 N. LON: 122 14.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.621	33.559	24.725	320.92	0.000	1.126
5.0	15.447	33.553	24.759	317.83	0.016	1.081
10.0	14.891	33.571	24.895	305.07	0.032	0.971
15.0	14.494	33.565	24.976	297.53	0.047	0.879
20.0	14.247	33.547	25.014	294.01	0.061	0.811
25.0	13.053	33.543	25.255	271.19	0.076	0.559
30.0	12.666	33.551	25.337	263.45	0.089	0.486
40.0	11.320	33.603	25.631	235.70	0.114	0.268
50.0	10.738	33.647	25.770	222.71	0.137	0.197
60.0	10.511	33.689	25.843	215.99	0.158	0.190
70.0	10.392	33.712	25.881	212.57	0.180	0.186
80.0	10.100	33.767	25.974	203.92	0.201	0.179
100.0	9.738	33.811	26.070	195.20	0.240	0.152
120.0	9.464	33.888	26.175	185.52	0.278	0.167
140.0	9.177	33.946	26.268	177.11	0.314	0.166
160.0	9.148	33.959	26.282	176.13	0.350	0.171
180.0	8.978	33.987	26.331	171.81	0.385	0.165
200.0	8.853	34.025	26.381	167.43	0.418	0.175
250.0	8.545	34.101	26.489	158.03	0.500	0.186
300.0	8.194	34.142	26.576	150.60	0.577	0.164
350.0	7.703	34.161	26.664	142.81	0.650	0.106
400.0	7.342	34.180	26.731	137.06	0.720	0.069
450.0	7.055	34.209	26.794	131.60	0.788	0.051
500.0	6.595	34.230	26.873	124.44	0.852	0.005
550.0	5.805	34.188	26.941	117.77	0.913	-0.130
600.0	5.826	34.257	26.994	113.51	0.971	-0.073
650.0	5.545	34.326	27.083	105.35	1.025	-0.053
700.0	5.284	34.344	27.129	101.27	1.077	-0.070
750.0	4.961	34.348	27.170	97.46	1.127	-0.104
800.0	4.731	34.370	27.214	93.50	1.175	-0.113
999.3	4.020	34.442	27.348	81.38	1.347	-0.133

STATION: 29 DATE: 9/30/89 1723 GMT

LAT: 36 42.0 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.497	33.499	24.924	302.04	0.000	0.828
5.0	14.369	33.489	24.943	300.33	0.015	0.792
10.0	14.247	33.487	24.968	298.13	0.030	0.765
15.0	12.692	33.500	25.292	267.40	0.044	0.452
20.0	11.702	33.516	25.493	248.35	0.057	0.271
25.0	11.544	33.523	25.528	245.15	0.069	0.247
30.0	11.405	33.534	25.562	242.02	0.082	0.230
40.0	11.044	33.584	25.666	232.35	0.105	0.202
50.0	10.656	33.632	25.772	222.45	0.128	0.170
60.0	10.459	33.678	25.843	215.93	0.150	0.172
70.0	10.365	33.721	25.893	211.46	0.171	0.189
80.0	10.279	33.740	25.922	208.85	0.192	0.188
100.0	9.895	33.832	26.060	196.15	0.232	0.195
120.0	9.804	33.849	26.089	193.82	0.271	0.193
140.0	9.594	33.876	26.145	188.86	0.310	0.179
160.0	9.326	33.932	26.233	180.90	0.347	0.178
180.0	8.958	33.996	26.342	170.81	0.382	0.169
200.0	8.638	34.052	26.436	162.16	0.415	0.163
250.0	8.059	34.083	26.549	152.14	0.493	0.098
300.0	7.692	34.148	26.655	142.80	0.566	0.095
350.0	7.423	34.167	26.708	138.38	0.637	0.070
400.0	7.030	34.153	26.753	134.70	0.705	0.004
450.0	6.390	34.171	26.853	125.36	0.770	-0.068
500.0	6.014	34.230	26.948	116.72	0.830	-0.070
550.0	5.695	34.275	27.024	109.86	0.886	-0.074
600.0	5.400	34.312	27.089	103.96	0.940	-0.081
650.0	5.175	34.334	27.133	100.08	0.991	-0.090
700.0	4.950	34.348	27.171	96.79	1.040	-0.105
750.0	4.729	34.365	27.209	93.33	1.088	-0.117
800.0	4.570	34.382	27.241	90.64	1.133	-0.121
1000.0	3.884	34.453	27.370	78.96	1.302	-0.138
1200.0	3.198	34.516	27.488	67.76	1.450	-0.155
1400.0	2.802	34.549	27.552	61.97	1.580	-0.165
1449.9	2.646	34.563	27.577	59.43	1.610	-0.167

STATION: 28 DATE: 9/30/89 1900 GMT

LAT: 36 45.1 N. LON: 122 2.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.728	33.508	25.091	286.11	0.000	0.671
5.0	13.096	33.508	25.218	274.12	0.014	0.541
10.0	11.725	33.523	25.494	247.99	0.027	0.282
15.0	11.572	33.535	25.532	244.53	0.039	0.262
20.0	11.444	33.545	25.563	241.65	0.052	0.246
25.0	11.306	33.565	25.604	237.93	0.063	0.236
30.0	11.191	33.574	25.632	235.37	0.075	0.222
40.0	10.934	33.612	25.708	228.39	0.099	0.205
50.0	10.762	33.632	25.754	224.21	0.121	0.189
60.0	10.514	33.672	25.829	217.31	0.143	0.177
70.0	10.335	33.711	25.890	211.68	0.165	0.176
80.0	10.207	33.759	25.949	206.26	0.185	0.191
100.0	9.952	33.812	26.035	198.53	0.226	0.189
120.0	9.732	33.847	26.099	192.82	0.265	0.179
140.0	9.529	33.882	26.160	187.40	0.303	0.172
160.0	9.295	33.928	26.235	180.69	0.340	0.170
180.0	9.082	33.971	26.303	174.59	0.375	0.169
200.0	8.936	33.991	26.342	171.21	0.410	0.161
250.0	8.311	34.101	26.525	154.54	0.492	0.150
300.0	7.653	34.146	26.658	142.41	0.566	0.088
350.0	7.275	34.174	26.734	135.80	0.636	0.055
400.0	6.444	34.130	26.813	128.48	0.702	-0.093
450.0	6.341	34.171	26.859	124.72	0.765	-0.074
500.0	6.246	34.231	26.919	119.70	0.826	-0.040
550.0	5.810	34.276	27.010	111.26	0.885	-0.059
600.0	5.373	34.319	27.097	103.12	0.938	-0.078
650.0	5.061	34.339	27.150	98.28	0.989	-0.099
700.0	4.855	34.359	27.190	94.82	1.037	-0.107
750.0	4.647	34.379	27.229	91.31	1.084	-0.115
800.0	4.530	34.389	27.251	89.64	1.130	-0.120
907.5	3.911	34.451	27.366	78.64	1.221	-0.136

STATION: 30 DATE: 9/30/89 2018 GMT

LAT: 36 47.0 N. LON: 121 56.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.333	33.570	24.798	314.04	0.000	1.069
5.0	14.332	33.555	25.001	294.80	0.015	0.838
10.0	12.686	33.515	25.305	266.02	0.029	0.463
15.0	12.066	33.516	25.425	254.70	0.042	0.341
20.0	11.783	33.525	25.485	249.12	0.055	0.294
25.0	11.484	33.532	25.546	243.44	0.067	0.243
30.0	11.339	33.548	25.585	239.84	0.079	0.229
40.0	11.031	33.586	25.670	231.94	0.103	0.202
50.0	10.701	33.632	25.765	223.19	0.126	0.178
60.0	10.471	33.669	25.834	216.79	0.148	0.167
70.0	10.322	33.714	25.895	211.23	0.169	0.176
80.0	10.142	33.754	25.957	205.51	0.190	0.177
100.0	9.884	33.816	26.049	197.17	0.230	0.181
120.0	9.766	33.847	26.093	193.37	0.269	0.185
140.0	9.401	33.909	26.202	183.38	0.307	0.173
160.0	9.272	33.938	26.246	179.59	0.343	0.174
180.0	8.969	33.980	26.328	172.14	0.378	0.159
200.0	8.442	34.052	26.466	159.21	0.412	0.133
250.0	7.940	34.112	26.589	148.25	0.489	0.104
300.0	7.691	34.142	26.650	143.26	0.562	0.090
350.0	7.396	34.166	26.711	138.08	0.632	0.066
400.0	6.797	34.215	26.833	126.85	0.699	0.022
450.0	6.517	34.237	26.889	122.15	0.761	0.001
500.0	6.052	34.274	26.978	113.93	0.819	-0.030
550.0	5.827	34.291	27.020	110.37	0.875	-0.045
589.5	5.804	34.291	27.023	110.56	0.919	-0.049

STATION: 31 DATE: 9/30/89 2106 GMT

LAT: 36 47.5 N. LON: 121 52.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.967	33.572	24.658	327.36	0.000	1.215
5.0	15.316	33.552	24.787	315.17	0.016	1.051
10.0	13.267	33.537	25.205	275.49	0.031	0.600
15.0	11.559	33.536	25.535	244.24	0.044	0.260
20.0	11.404	33.549	25.574	240.68	0.056	0.242
25.0	11.108	33.570	25.643	234.15	0.068	0.203
30.0	10.984	33.586	25.678	230.94	0.080	0.193
40.0	10.790	33.626	25.744	224.89	0.102	0.190
50.0	10.559	33.661	25.812	218.69	0.125	0.176
60.0	10.289	33.723	25.907	209.85	0.146	0.177
70.0	10.081	33.768	25.978	203.31	0.167	0.177
80.0	9.993	33.790	26.010	200.44	0.187	0.179
100.0	9.734	33.842	26.095	192.80	0.226	0.176
120.0	9.626	33.861	26.128	190.10	0.264	0.173
140.0	9.017	33.956	26.301	173.94	0.301	0.148
160.0	8.819	33.990	26.359	168.76	0.336	0.143
180.0	8.423	34.043	26.462	159.25	0.369	0.123
200.0	8.137	34.080	26.534	152.66	0.400	0.108
250.0	7.694	34.132	26.641	143.23	0.473	0.083
300.0	7.381	34.163	26.711	137.28	0.544	0.063
345.0	7.214	34.179	26.747	134.48	0.605	0.051

STATION: 32 DATE: 9/30/89 2148 GMT

LAT: 36 47.9 N. LON: 121 49.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.531	33.542	24.950	299.57	0.000	0.869
5.0	12.941	33.544	25.270	269.25	0.015	0.546
10.0	11.648	33.578	25.551	242.58	0.027	0.311
15.0	11.266	33.556	25.604	237.64	0.039	0.222
20.0	11.179	33.575	25.635	234.87	0.051	0.220
25.0	11.082	33.590	25.664	232.18	0.063	0.215
30.0	10.816	33.642	25.752	223.92	0.074	0.208
40.0	10.362	33.714	25.887	211.29	0.096	0.183
50.0	10.109	33.750	25.959	204.67	0.116	0.168
60.0	10.018	33.768	25.988	202.10	0.137	0.166
70.0	9.956	33.780	26.008	200.40	0.157	0.165
80.0	9.874	33.796	26.035	198.09	0.177	0.164
100.0	9.502	33.858	26.145	187.96	0.216	0.150
120.0	9.084	33.921	26.262	177.20	0.252	0.131
137.9	8.302	34.048	26.483	156.37	0.282	0.109

STATION: 0 DATE: 11/15/89 2153 GMT

LAT: 36 33.4 N. LON: 122 1.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.4	14.154	33.497	24.994	295.37	0.007	0.752
5.0	14.101	33.497	25.005	294.42	0.015	0.741
10.0	14.067	33.497	25.013	293.84	0.029	0.734
15.0	14.063	33.498	25.015	293.79	0.044	0.734
20.0	14.057	33.498	25.016	293.83	0.059	0.732
25.0	14.055	33.499	25.017	293.85	0.074	0.732
30.0	13.759	33.498	25.078	288.22	0.088	0.668
40.0	11.596	33.532	25.525	245.77	0.115	0.263
50.0	11.171	33.583	25.643	234.80	0.138	0.225
60.0	11.133	33.589	25.655	233.91	0.162	0.222
70.0	10.704	33.662	25.788	221.44	0.185	0.202
80.0	10.566	33.703	25.844	216.33	0.207	0.210
100.0	10.327	33.792	25.955	206.17	0.249	0.238
120.0	10.227	33.812	25.989	203.44	0.290	0.236
140.0	10.086	33.852	26.044	198.59	0.330	0.243
160.0	9.796	33.922	26.148	189.09	0.369	0.249
180.0	9.524	33.983	26.241	180.61	0.406	0.251
200.0	9.286	34.008	26.299	175.37	0.442	0.231
250.0	8.497	34.104	26.499	157.06	0.524	0.181
300.0	7.933	34.120	26.597	148.39	0.600	0.108
350.0	7.422	34.141	26.688	140.29	0.672	0.050
400.0	6.964	34.167	26.773	132.73	0.741	0.006
450.0	6.256	34.186	26.882	122.48	0.805	-0.073
500.0	5.894	34.209	26.946	116.71	0.865	-0.101
550.0	5.663	34.231	26.993	112.73	0.923	-0.113
600.0	5.333	34.270	27.063	106.26	0.977	-0.122
650.0	5.036	34.309	27.129	100.22	1.029	-0.126
700.0	4.845	34.338	27.175	96.24	1.078	-0.125
750.0	4.624	34.368	27.223	91.86	1.125	-0.126
792.2	4.349	34.395	27.275	86.94	1.164	-0.134

STATION. 1 DATE: 11/16/89 0006 GMT

LAT: 36 20.0 N. LON: 121 55.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.6	13.728	33.497	25.083	286.98	0.007	0.662
5.0	13.562	33.503	25.122	283.34	0.014	0.632
10.0	13.520	33.504	25.131	282.61	0.028	0.624
15.0	13.362	33.514	25.170	278.96	0.042	0.599
20.0	13.198	33.525	25.212	275.14	0.056	0.574
25.0	13.048	33.531	25.247	271.96	0.070	0.548
30.0	12.924	33.545	25.283	268.68	0.084	0.534
35.0	12.828	33.551	25.306	266.60	0.097	0.519

STATION: 2 DATE: 11/16/89 0048 GMT

LAT: 36 20.1 N. LON: 121 59.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	14.038	33.506	25.026	292.40	0.006	0.735
5.0	13.928	33.507	25.049	290.27	0.015	0.712
10.0	13.423	33.512	25.157	280.15	0.029	0.610
15.0	13.286	33.516	25.187	277.37	0.043	0.585
20.0	13.139	33.530	25.228	273.65	0.057	0.566
25.0	12.958	33.540	25.272	269.59	0.070	0.537
30.0	12.698	33.547	25.328	264.31	0.084	0.490
40.0	12.440	33.567	25.394	258.33	0.110	0.454
50.0	12.205	33.581	25.450	253.24	0.135	0.419
60.0	12.178	33.588	25.461	252.46	0.160	0.419
70.0	11.842	33.615	25.545	244.68	0.185	0.375
80.0	11.753	33.623	25.568	242.69	0.210	0.364
100.0	10.345	33.791	25.951	206.55	0.256	0.240
103.0	10.257	33.810	25.981	203.74	0.262	0.240

STATION: 3 DATE: 11/16/89 0118 GMT

LAT: 36 20.0 N. LON: 122 1.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.9	13.935	33.504	25.045	290.53	0.008	0.711
5.0	13.537	33.511	25.132	282.32	0.014	0.633
10.0	12.968	33.530	25.261	270.19	0.028	0.531
15.0	12.701	33.543	25.324	264.31	0.042	0.488
20.0	12.625	33.562	25.354	261.62	0.055	0.487
25.0	12.529	33.568	25.377	259.54	0.068	0.473
30.0	12.336	33.582	25.425	255.08	0.081	0.446
40.0	12.224	33.585	25.449	253.06	0.106	0.426
50.0	12.138	33.587	25.467	251.58	0.131	0.411
60.0	11.992	33.584	25.493	249.39	0.156	0.380
70.0	11.862	33.588	25.521	247.00	0.181	0.358
80.0	11.818	33.594	25.534	245.98	0.206	0.354
100.0	11.618	33.624	25.595	240.66	0.255	0.339
120.0	10.266	33.803	25.975	204.77	0.300	0.235
133.0	9.722	33.917	26.156	187.74	0.325	0.233

STATION: 4 DATE: 11/16/89 0211 GMT

LAT: 36 20.1 N. LON: 122 5.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.799	33.513	25.080	287.18	0.006	0.690
5.0	13.798	33.512	25.080	287.28	0.014	0.689
10.0	13.780	33.513	25.084	287.04	0.029	0.685
15.0	13.544	33.505	25.127	283.14	0.043	0.629
20.0	12.343	33.561	25.407	256.56	0.057	0.431
25.0	11.749	33.612	25.559	242.19	0.069	0.356
30.0	11.675	33.618	25.578	240.55	0.081	0.347
40.0	11.613	33.621	25.592	239.46	0.105	0.337
50.0	11.552	33.624	25.605	238.40	0.129	0.328
60.0	11.293	33.649	25.673	232.22	0.153	0.300
70.0	11.245	33.657	25.687	231.07	0.176	0.296
80.0	10.812	33.710	25.806	219.94	0.198	0.259
100.0	10.462	33.781	25.924	209.18	0.241	0.253
120.0	10.155	33.837	26.020	200.40	0.282	0.244
140.0	10.055	33.856	26.053	197.76	0.322	0.241
160.0	9.602	33.934	26.190	185.06	0.361	0.226
180.0	9.396	33.975	26.256	179.15	0.397	0.224
200.0	9.066	34.032	26.353	170.19	0.432	0.215
250.0	8.127	34.125	26.572	149.98	0.512	0.142
300.0	7.604	34.146	26.665	141.71	0.585	0.081
323.0	7.472	34.155	26.692	139.54	0.617	0.069

STATION: 5 DATE: 11/16/89 0300 GMT

LAT: 36 19.9 N. LON: 122 8.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.930	33.508	25.049	290.12	0.006	0.713
5.0	13.930	33.508	25.050	290.20	0.015	0.713
10.0	13.930	33.508	25.050	290.32	0.029	0.713
15.0	13.930	33.508	25.050	290.45	0.044	0.713
20.0	13.926	33.508	25.051	290.51	0.058	0.712
25.0	13.605	33.510	25.118	284.24	0.072	0.646
30.0	12.101	33.534	25.432	254.39	0.086	0.362
40.0	11.706	33.617	25.571	241.40	0.111	0.352
50.0	11.467	33.642	25.635	235.57	0.134	0.326
60.0	11.229	33.651	25.686	230.97	0.158	0.289
70.0	11.207	33.656	25.694	230.46	0.181	0.289
80.0	11.207	33.657	25.695	230.59	0.204	0.289
100.0	10.747	33.718	25.825	218.65	0.249	0.254
120.0	10.433	33.773	25.923	209.73	0.292	0.241
140.0	9.938	33.869	26.083	194.89	0.333	0.231
160.0	9.654	33.954	26.197	184.43	0.370	0.250
180.0	9.450	33.999	26.266	178.22	0.407	0.252
200.0	9.132	34.021	26.334	172.03	0.442	0.216
250.0	8.821	34.085	26.434	163.39	0.525	0.217
300.0	7.912	34.122	26.602	147.93	0.603	0.107
350.0	7.522	34.146	26.678	141.33	0.675	0.068
400.0	6.977	34.178	26.780	132.08	0.743	0.017
450.0	6.551	34.188	26.846	126.23	0.808	-0.033
500.0	6.140	34.206	26.913	120.12	0.870	-0.073
550.0	5.821	34.219	26.964	115.63	0.928	-0.103
600.0	5.526	34.281	27.049	107.89	0.985	-0.091
650.0	5.120	34.344	27.148	98.66	1.035	-0.088
689.9	5.047	34.355	27.165	97.37	1.074	-0.088

STATION: 6 DATE: 11/16/89 0411 GMT

LAT: 36 20.0 N. LON: 122 13.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.9	13.970	33.512	25.044	290.61	0.006	0.725
5.0	13.952	33.512	25.048	290.35	0.015	0.721
10.0	13.949	33.514	25.050	290.29	0.029	0.722
15.0	13.743	33.512	25.091	286.52	0.043	0.677
20.0	13.275	33.494	25.172	278.93	0.058	0.565
25.0	12.438	33.460	25.311	265.86	0.071	0.369
30.0	11.769	33.455	25.434	254.23	0.084	0.236
40.0	11.184	33.503	25.578	240.71	0.109	0.164
50.0	10.897	33.538	25.657	233.41	0.133	0.139
60.0	10.701	33.577	25.722	227.46	0.156	0.134
70.0	10.440	33.629	25.808	219.48	0.178	0.129
80.0	10.377	33.656	25.840	216.67	0.200	0.139
100.0	10.213	33.723	25.921	209.39	0.242	0.163
120.0	9.846	33.897	26.119	190.97	0.282	0.238
140.0	9.604	33.983	26.227	181.13	0.319	0.265
160.0	9.459	34.015	26.276	176.84	0.355	0.266
180.0	9.280	34.043	26.327	172.33	0.390	0.258
200.0	9.014	34.069	26.390	166.65	0.424	0.235
250.0	8.678	34.107	26.474	159.61	0.506	0.211
300.0	8.057	34.128	26.585	149.61	0.583	0.133
350.0	7.629	34.152	26.667	142.42	0.656	0.088
400.0	6.969	34.194	26.793	130.80	0.724	0.028
450.0	6.457	34.202	26.869	123.96	0.788	-0.035
500.0	5.963	34.210	26.939	117.50	0.849	-0.092
550.0	5.746	34.238	26.988	113.25	0.906	-0.097
600.0	5.438	34.274	27.054	107.26	0.962	-0.106
650.0	5.213	34.300	27.102	103.08	1.014	-0.112
700.0	5.031	34.352	27.165	97.49	1.064	-0.093
750.0	4.800	34.383	27.216	92.87	1.112	-0.095
800.0	4.534	34.405	27.263	88.49	1.157	-0.107
925.5	3.896	34.454	27.370	78.39	1.262	-0.135

STATION: 7 DATE: 11/16/89 0506 GMT

LAT: 36 20.0 N. LON: 122 15.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.6	13.853	33.515	25.071	288.10	0.007	0.703
5.0	13.854	33.515	25.071	288.19	0.014	0.703
10.0	13.798	33.513	25.081	287.34	0.029	0.689
15.0	13.578	33.504	25.119	283.87	0.043	0.636
20.0	12.682	33.493	25.289	267.81	0.057	0.444
25.0	12.587	33.489	25.305	266.41	0.070	0.422
30.0	12.394	33.468	25.325	264.58	0.084	0.367
40.0	11.310	33.494	25.548	243.55	0.109	0.180
50.0	10.581	33.511	25.692	230.10	0.132	0.061
60.0	10.343	33.581	25.787	221.26	0.155	0.074
70.0	9.975	33.663	25.914	209.35	0.176	0.076
80.0	9.925	33.811	26.038	197.79	0.197	0.184
100.0	9.793	33.904	26.133	189.22	0.235	0.235
120.0	9.652	33.978	26.215	181.86	0.272	0.269
140.0	9.488	34.014	26.270	176.98	0.308	0.270
160.0	9.252	34.053	26.339	170.77	0.343	0.262
180.0	9.013	34.071	26.392	166.10	0.377	0.237
200.0	8.678	34.071	26.445	161.35	0.410	0.184
250.0	8.278	34.130	26.553	151.89	0.487	0.168
300.0	7.804	34.139	26.631	145.12	0.562	0.104
350.0	7.517	34.163	26.692	140.00	0.633	0.081
400.0	7.148	34.179	26.757	134.35	0.701	0.041
450.0	6.661	34.201	26.841	126.78	0.766	-0.008
500.0	6.049	34.212	26.929	118.49	0.828	-0.079
550.0	5.574	34.240	27.011	110.90	0.886	-0.116
600.0	5.286	34.271	27.070	105.59	0.940	-0.126
650.0	5.180	34.289	27.097	103.46	0.992	-0.125
700.0	5.054	34.327	27.142	99.61	1.043	-0.110
750.0	4.730	34.389	27.228	91.57	1.091	-0.098
800.0	4.457	34.410	27.275	87.19	1.135	-0.111
975.6	3.761	34.470	27.396	76.04	1.280	-0.136

STATION: 8 DATE: 11/16/89 0836 GMT

LAT: 36 19.8 N. LON: 122 19.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.578	33.513	25.126	282.87	0.006	0.643
5.0	13.581	33.514	25.126	282.94	0.014	0.645
10.0	13.585	33.512	25.124	283.28	0.028	0.644
15.0	13.463	33.507	25.145	281.38	0.042	0.615
20.0	13.391	33.503	25.156	280.44	0.056	0.596
25.0	13.175	33.491	25.191	277.31	0.070	0.542
30.0	12.605	33.465	25.283	268.66	0.084	0.406
40.0	11.456	33.435	25.476	250.47	0.110	0.160
50.0	11.008	33.439	25.560	242.64	0.135	0.081
60.0	10.804	33.475	25.624	236.76	0.159	0.072
70.0	10.334	33.621	25.820	218.32	0.181	0.104
80.0	10.162	33.653	25.875	213.31	0.203	0.100
100.0	9.868	33.841	26.071	195.06	0.244	0.198
120.0	9.700	33.957	26.190	184.17	0.281	0.261
140.0	9.499	34.020	26.273	176.70	0.317	0.277
160.0	9.188	34.003	26.311	173.47	0.352	0.212
180.0	9.172	34.064	26.361	169.08	0.387	0.257
200.0	8.792	34.111	26.458	160.11	0.419	0.234
250.0	8.354	34.139	26.549	152.33	0.498	0.187
300.0	7.748	34.139	26.639	144.29	0.572	0.096
350.0	7.427	34.172	26.712	138.06	0.642	0.075
400.0	6.930	34.202	26.805	129.66	0.708	0.029
450.0	6.305	34.210	26.895	121.34	0.771	-0.048
500.0	5.963	34.208	26.937	117.66	0.831	-0.093
550.0	5.639	34.239	27.002	111.82	0.888	-0.109
600.0	5.126	34.294	27.107	101.90	0.942	-0.127
650.0	5.035	34.320	27.138	99.38	0.992	-0.117
700.0	4.935	34.349	27.173	96.52	1.041	-0.106
750.0	4.669	34.397	27.241	90.25	1.087	-0.098
800.0	4.465	34.413	27.277	87.07	1.132	-0.108
1000.2	3.841	34.467	27.386	77.40	1.299	-0.131

STATION: 9 DATE: 11/16/89 0930 GMT

LAT: 36 20.0 N. LON: 122 21.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.3	13.429	33.512	25.155	280.08	0.006	0.611
5.0	13.424	33.512	25.156	280.06	0.014	0.610
10.0	13.415	33.518	25.163	279.58	0.028	0.613
15.0	13.402	33.519	25.166	279.35	0.042	0.611
20.0	13.388	33.522	25.172	278.99	0.056	0.610
25.0	13.306	33.510	25.179	278.40	0.070	0.584
30.0	12.299	33.484	25.356	261.62	0.083	0.361
40.0	11.301	33.540	25.586	240.00	0.108	0.215
50.0	10.945	33.624	25.715	227.91	0.132	0.216
60.0	10.687	33.691	25.814	218.77	0.154	0.223
70.0	10.426	33.750	25.905	210.32	0.175	0.222
80.0	10.073	33.811	26.013	200.20	0.196	0.209
100.0	9.622	33.851	26.120	190.39	0.235	0.164
120.0	9.134	33.898	26.237	179.63	0.272	0.121
140.0	9.176	34.045	26.345	169.82	0.307	0.244
160.0	9.158	34.068	26.366	168.21	0.341	0.258
180.0	8.949	34.078	26.408	164.55	0.374	0.233
200.0	8.712	34.119	26.477	158.30	0.406	0.227
250.0	8.269	34.135	26.558	151.36	0.484	0.171
300.0	7.655	34.149	26.661	142.20	0.557	0.090
350.0	7.515	34.165	26.694	139.81	0.628	0.082
400.0	6.941	34.196	26.799	130.27	0.695	0.026
450.0	6.403	34.218	26.889	122.03	0.758	-0.029
500.0	5.964	34.201	26.931	118.20	0.818	-0.099
550.0	5.584	34.253	27.020	110.08	0.875	-0.105
600.0	5.141	34.285	27.098	102.75	0.929	-0.132
650.0	4.950	34.330	27.156	97.58	0.978	-0.119
700.0	4.831	34.361	27.195	94.35	1.026	-0.108
750.0	4.582	34.396	27.250	89.28	1.072	-0.109
800.0	4.391	34.417	27.288	85.88	1.115	-0.113
1000.0	3.914	34.463	27.376	78.56	1.280	-0.127
1200.0	3.463	34.497	27.449	72.25	1.429	-0.145
1275.8	3.308	34.511	27.475	69.93	1.483	-0.149

STATION: 10 DATE: 11/16/89 1413 GMT

LAT: 36 20.0 N. LON: 122 25.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.431	33.478	25.128	282.61	0.006	0.585
5.0	13.431	33.478	25.128	282.69	0.014	0.585
10.0	13.434	33.478	25.128	282.87	0.028	0.585
15.0	13.436	33.482	25.131	282.73	0.042	0.589
20.0	13.440	33.488	25.135	282.48	0.057	0.594
25.0	13.441	33.496	25.141	282.05	0.071	0.601
30.0	13.420	33.492	25.142	282.04	0.085	0.593
40.0	11.416	33.367	25.430	254.80	0.112	0.099
50.0	11.099	33.438	25.543	244.28	0.137	0.096
60.0	10.813	33.652	25.761	223.80	0.161	0.214
70.0	10.408	33.719	25.884	212.26	0.182	0.195
80.0	9.840	33.712	25.975	203.79	0.203	0.091
100.0	9.541	33.797	26.091	193.10	0.243	0.108
120.0	9.419	33.925	26.211	182.11	0.280	0.189
140.0	9.209	33.957	26.271	176.80	0.316	0.180
160.0	9.229	34.074	26.360	168.82	0.351	0.275
180.0	8.917	34.084	26.418	163.64	0.384	0.233
200.0	8.716	34.117	26.475	158.48	0.416	0.227
250.0	8.038	34.130	26.589	148.34	0.493	0.132
300.0	7.550	34.156	26.681	140.21	0.565	0.081
350.0	7.175	34.174	26.749	134.36	0.634	0.041
400.0	6.793	34.191	26.815	128.58	0.699	0.002
450.0	6.232	34.206	26.901	120.69	0.762	-0.061
500.0	5.932	34.221	26.951	116.31	0.821	-0.087
550.0	5.605	34.247	27.013	110.78	0.878	-0.107
600.0	5.370	34.277	27.065	106.20	0.932	-0.112
650.0	5.131	34.313	27.121	101.12	0.984	-0.112
700.0	4.916	34.329	27.159	97.78	1.034	-0.124
750.0	4.793	34.367	27.204	93.96	1.082	-0.108
800.0	4.577	34.389	27.245	90.23	1.128	-0.115
1000.0	3.852	34.463	27.382	77.81	1.296	-0.133
1200.0	3.236	34.511	27.481	68.55	1.442	-0.155
1400.0	2.806	34.548	27.550	62.11	1.572	-0.165
1600.0	2.599	34.565	27.583	59.55	1.694	-0.171
1703.4	2.340	34.586	27.622	55.47	1.753	-0.176

STATION: 11 DATE: 11/16/89 1845 GMT

LAT: 36 20.2 N. LON: 122 28.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.509	33.460	25.099	285.44	0.006	0.587
5.0	13.503	33.461	25.100	285.35	0.014	0.586
10.0	13.459	33.460	25.109	284.67	0.029	0.576
15.0	13.423	33.460	25.116	284.11	0.043	0.569
20.0	13.405	33.461	25.121	283.82	0.057	0.565
25.0	13.334	33.458	25.133	282.77	0.071	0.549
30.0	13.176	33.459	25.166	279.79	0.085	0.517
40.0	12.309	33.492	25.360	261.50	0.112	0.369
50.0	11.476	33.475	25.504	248.06	0.138	0.196
60.0	10.948	33.541	25.650	234.29	0.162	0.150
70.0	10.410	33.566	25.764	223.69	0.185	0.074
80.0	10.193	33.640	25.859	214.79	0.207	0.095
100.0	9.635	33.771	26.055	196.56	0.248	0.103
120.0	9.257	33.978	26.279	175.67	0.285	0.204
140.0	9.324	34.051	26.325	171.69	0.319	0.272
160.0	9.146	34.088	26.384	166.51	0.353	0.273
180.0	8.755	34.089	26.447	160.82	0.386	0.211
200.0	8.585	34.132	26.507	155.44	0.417	0.218
250.0	7.987	34.127	26.594	147.80	0.493	0.123
300.0	7.623	34.182	26.691	139.30	0.565	0.112
350.0	7.077	34.175	26.763	132.95	0.633	0.029
400.0	6.585	34.195	26.846	125.51	0.698	-0.023
450.0	6.237	34.213	26.906	120.23	0.759	-0.054
500.0	5.904	34.220	26.954	116.01	0.818	-0.091
550.0	5.601	34.256	27.020	110.06	0.874	-0.100
600.0	5.386	34.269	27.056	106.99	0.929	-0.116
650.0	5.118	34.304	27.116	101.63	0.981	-0.120
700.0	4.946	34.338	27.163	97.47	1.031	-0.113
750.0	4.790	34.376	27.211	93.25	1.078	-0.101
800.0	4.621	34.393	27.244	90.43	1.124	-0.107
1000.0	3.871	34.461	27.378	78.19	1.291	-0.133
1200.0	3.419	34.508	27.461	70.93	1.440	-0.141
1400.0	3.019	34.530	27.517	65.92	1.576	-0.161
1600.0	2.627	34.564	27.580	59.95	1.701	-0.169
1800.0	2.298	34.591	27.630	55.06	1.815	-0.176
1859.9	2.225	34.598	27.642	53.95	1.848	-0.177

STATION: 12 DATE: 11/17/89 0341 GMT

LAT: 36 19.7 N. LON: 122 33.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.7	13.829	33.480	25.049	290.21	0.008	0.670
5.0	13.828	33.481	25.050	290.17	0.015	0.670
10.0	13.794	33.476	25.053	290.01	0.029	0.659
15.0	13.586	33.476	25.095	286.11	0.043	0.615
20.0	13.436	33.468	25.120	283.88	0.058	0.578
25.0	13.314	33.462	25.140	282.13	0.072	0.548
30.0	12.844	33.457	25.230	273.66	0.086	0.448
40.0	11.892	33.389	25.359	261.56	0.112	0.206
50.0	11.214	33.492	25.565	242.22	0.137	0.161
60.0	10.839	33.550	25.676	231.81	0.161	0.137
70.0	10.472	33.564	25.752	224.82	0.184	0.083
80.0	10.041	33.639	25.885	212.38	0.206	0.068
100.0	9.792	33.744	26.009	201.00	0.247	0.108
120.0	9.392	33.934	26.223	180.98	0.285	0.192
140.0	9.383	34.031	26.300	174.09	0.320	0.266
160.0	9.227	34.070	26.357	169.11	0.355	0.271
180.0	8.980	34.075	26.400	165.28	0.388	0.235
200.0	8.706	34.088	26.454	160.51	0.421	0.202
250.0	7.699	34.058	26.582	148.77	0.498	0.026
300.0	7.705	34.171	26.671	141.31	0.570	0.115
350.0	6.947	34.150	26.761	133.03	0.639	-0.009
400.0	6.742	34.199	26.828	127.28	0.704	0.002
450.0	6.425	34.217	26.885	122.41	0.767	-0.027
500.0	6.028	34.231	26.947	116.80	0.826	-0.067
550.0	5.750	34.250	26.997	112.41	0.884	-0.087
600.0	5.378	34.282	27.068	105.90	0.938	-0.107
650.0	5.162	34.345	27.143	99.10	0.990	-0.083
700.0	4.870	34.361	27.190	94.83	1.038	-0.104
750.0	4.728	34.376	27.218	92.49	1.085	-0.108
800.0	4.482	34.396	27.262	88.52	1.130	-0.119
1000.0	3.873	34.460	27.377	78.29	1.296	-0.133
1200.0	3.421	34.506	27.460	71.10	1.445	-0.142
1400.0	2.991	34.533	27.522	65.37	1.581	-0.161
1600.0	2.561	34.567	27.588	58.95	1.705	-0.172
1800.0	2.202	34.599	27.644	53.33	1.817	-0.177
2000.0	2.028	34.619	27.675	50.62	1.921	-0.176
2200.0	1.934	34.630	27.692	49.46	2.021	-0.176
2373.5	1.853	34.642	27.709	48.22	2.105	-0.173

STATION: 13 DATE: 11/17/89 0536 GMT

LAT: 36 19.7 N. LON: 122 35.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.746	33.474	25.061	289.01	0.006	0.648
5.0	13.748	33.474	25.061	289.13	0.014	0.648
10.0	13.746	33.473	25.061	289.27	0.029	0.647
15.0	13.740	33.473	25.062	289.31	0.043	0.645
20.0	13.733	33.472	25.063	289.33	0.058	0.643
25.0	13.524	33.459	25.095	286.38	0.072	0.589
30.0	13.436	33.458	25.113	284.85	0.087	0.570
40.0	12.416	33.454	25.311	266.22	0.114	0.360
50.0	11.892	33.516	25.459	252.37	0.140	0.307
60.0	10.930	33.536	25.650	234.37	0.164	0.143
70.0	10.558	33.635	25.792	221.03	0.187	0.155
80.0	10.086	33.687	25.914	209.58	0.208	0.114
100.0	9.741	33.838	26.090	193.26	0.249	0.174
120.0	9.528	33.924	26.193	183.91	0.286	0.206
140.0	9.384	34.024	26.295	174.57	0.322	0.261
160.0	9.183	34.060	26.356	169.13	0.356	0.257
180.0	8.948	34.115	26.436	161.86	0.389	0.261
200.0	8.623	34.099	26.475	158.46	0.421	0.198
250.0	8.145	34.147	26.586	148.67	0.497	0.161
300.0	7.166	34.096	26.688	139.28	0.569	-0.021
350.0	6.619	34.093	26.761	132.80	0.637	-0.098
400.0	6.234	34.132	26.842	125.52	0.702	-0.118
450.0	5.884	34.171	26.917	118.74	0.763	-0.132
500.0	5.561	34.201	26.981	113.05	0.820	-0.148
550.0	5.589	34.261	27.026	109.53	0.876	-0.098
600.0	5.397	34.296	27.077	105.10	0.930	-0.094
650.0	5.114	34.326	27.134	99.93	0.981	-0.103
700.0	4.811	34.345	27.184	95.32	1.029	-0.123
750.0	4.642	34.359	27.214	92.71	1.076	-0.131
800.0	4.535	34.384	27.246	90.06	1.122	-0.123
1000.0	3.900	34.458	27.373	78.75	1.289	-0.132
1200.0	3.409	34.506	27.461	70.95	1.439	-0.143
1400.0	2.958	34.535	27.527	64.83	1.574	-0.162
1600.0	2.574	34.566	27.586	59.17	1.698	-0.172
1800.0	2.253	34.592	27.635	54.44	1.812	-0.179
2000.0	2.027	34.619	27.675	50.61	1.916	-0.176
2200.0	1.883	34.636	27.701	48.39	2.015	-0.175
2400.0	1.809	34.645	27.715	47.53	2.111	-0.174
2600.0	1.781	34.651	27.723	47.44	2.206	-0.173
2738.1	1.737	34.656	27.731	46.96	2.271	-0.173

STATION. 14 DATE: 11/17/89 1541 GMT

LAT: 36 19.7 N. LON: 122 39.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.690	33.471	25.070	288.14	0.006	0.634
5.0	13.693	33.472	25.070	288.22	0.014	0.635
10.0	13.693	33.471	25.070	288.40	0.029	0.634
15.0	13.692	33.471	25.070	288.50	0.043	0.633
20.0	13.697	33.471	25.069	288.75	0.058	0.634
25.0	13.694	33.468	25.068	289.03	0.072	0.631
30.0	13.699	33.469	25.068	289.18	0.087	0.633
40.0	13.491	33.444	25.091	287.24	0.115	0.569
50.0	12.603	33.438	25.262	271.10	0.143	0.384
60.0	11.376	33.441	25.496	249.05	0.170	0.150
70.0	10.478	33.505	25.705	229.28	0.193	0.037
80.0	10.191	33.587	25.818	218.70	0.216	0.052
100.0	9.746	33.766	26.033	198.64	0.257	0.118
120.0	9.450	33.897	26.184	184.69	0.296	0.172
140.0	9.252	33.964	26.269	176.98	0.332	0.192
160.0	9.002	34.073	26.395	165.38	0.366	0.238
180.0	8.718	34.094	26.456	159.90	0.399	0.209
200.0	8.315	34.066	26.496	156.30	0.430	0.124
250.0	7.677	34.071	26.596	147.50	0.506	0.033
300.0	6.921	34.061	26.694	138.55	0.577	-0.082
350.0	6.982	34.171	26.773	131.93	0.645	0.013
400.0	6.419	34.164	26.843	125.60	0.709	-0.069
450.0	5.856	34.164	26.915	118.94	0.770	-0.141
500.0	5.812	34.212	26.959	115.40	0.829	-0.109
550.0	5.670	34.264	27.018	110.33	0.885	-0.085
600.0	5.263	34.291	27.089	103.80	0.939	-0.113
650.0	5.135	34.327	27.133	100.06	0.990	-0.100
700.0	4.952	34.369	27.187	95.24	1.039	-0.088
750.0	4.725	34.379	27.221	92.25	1.086	-0.106
800.0	4.512	34.392	27.255	89.21	1.131	-0.119
1000.0	3.893	34.461	27.376	78.46	1.300	-0.131
1200.0	3.303	34.510	27.474	69.42	1.447	-0.150
1400.0	2.952	34.539	27.530	64.49	1.581	-0.160
1600.0	2.621	34.563	27.580	59.95	1.705	-0.171
1800.0	2.306	34.586	27.626	55.51	1.820	-0.179
2000.0	2.057	34.612	27.667	51.50	1.926	-0.179
2200.0	1.897	34.633	27.697	48.78	2.026	-0.176
2400.0	1.810	34.644	27.714	47.62	2.122	-0.175
2600.0	1.741	34.654	27.728	46.69	2.216	-0.173
2800.0	1.698	34.658	27.736	46.49	2.309	-0.174
3000.0	1.636	34.665	27.747	45.76	2.402	-0.175
3127.9	1.597	34.670	27.755	45.25	2.460	-0.174

STATION: 15 DATE: 11/17/89 2118 GMT

LAT: 36 20.0 N. LON: 122 41.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.911	33.471	25.025	292.46	0.006	0.680
5.0	13.913	33.471	25.024	292.59	0.015	0.681
10.0	13.921	33.471	25.023	292.87	0.029	0.682
15.0	13.894	33.470	25.028	292.52	0.044	0.676
20.0	13.860	33.469	25.034	292.06	0.059	0.667
25.0	13.846	33.468	25.036	292.02	0.073	0.663
30.0	13.677	33.452	25.059	290.02	0.088	0.615
40.0	12.194	33.420	25.327	264.66	0.115	0.290
50.0	11.469	33.464	25.496	248.75	0.141	0.186
60.0	11.207	33.515	25.584	240.61	0.165	0.177
70.0	10.344	33.575	25.783	221.89	0.189	0.069
80.0	10.004	33.621	25.876	213.16	0.210	0.047
100.0	9.451	33.743	26.064	195.68	0.251	0.051
120.0	9.416	33.922	26.209	182.29	0.289	0.186
140.0	9.200	34.010	26.314	172.74	0.324	0.220
160.0	8.559	33.977	26.389	165.80	0.358	0.092
180.0	8.522	34.073	26.470	158.50	0.391	0.162
200.0	8.328	34.083	26.508	155.23	0.422	0.140
250.0	7.512	34.054	26.606	146.44	0.497	-0.004
300.0	7.165	34.128	26.713	136.93	0.568	0.004
350.0	6.713	34.156	26.797	129.41	0.635	-0.036
400.0	6.301	34.158	26.854	124.48	0.698	-0.089
450.0	5.871	34.164	26.913	119.10	0.759	-0.139
500.0	5.576	34.200	26.978	113.32	0.817	-0.147
550.0	5.305	34.222	27.029	108.88	0.873	-0.162
600.0	5.298	34.280	27.076	105.06	0.926	-0.118
650.0	5.170	34.332	27.132	100.17	0.977	-0.092
700.0	4.959	34.360	27.179	96.00	1.027	-0.094
750.0	4.599	34.373	27.230	91.16	1.073	-0.125
800.0	4.399	34.398	27.272	87.37	1.118	-0.127
1000.0	3.842	34.463	27.383	77.70	1.283	-0.134
1200.0	3.359	34.504	27.464	70.51	1.431	-0.149
1400.0	2.928	34.539	27.533	64.18	1.566	-0.162
1600.0	2.584	34.565	27.585	59.36	1.689	-0.172
1800.0	2.292	34.589	27.629	55.12	1.804	-0.178
2000.0	2.022	34.616	27.673	50.78	1.909	-0.179
2200.0	1.892	34.631	27.696	48.87	2.008	-0.178
2400.0	1.810	34.643	27.713	47.69	2.105	-0.176
2600.0	1.740	34.653	27.728	46.75	2.199	-0.174
2800.0	1.687	34.659	27.738	46.27	2.292	-0.174
3001.4	1.646	34.666	27.748	45.84	2.385	-0.173

STATION: 16 DATE: 11/18/89 0306 GMT

LAT: 36 19.4 N. LON: 122 49.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.6	14.075	33.479	24.997	295.13	0.008	0.721
5.0	14.065	33.479	24.999	295.01	0.015	0.719
10.0	13.961	33.481	25.022	292.93	0.029	0.698
15.0	13.837	33.491	25.056	289.91	0.044	0.680
20.0	13.792	33.490	25.064	289.21	0.058	0.669
25.0	13.670	33.488	25.088	287.10	0.073	0.642
30.0	13.521	33.491	25.121	284.12	0.087	0.613
40.0	12.612	33.495	25.305	266.79	0.115	0.431
50.0	12.140	33.507	25.405	257.49	0.141	0.348
60.0	11.188	33.505	25.580	241.04	0.166	0.166
70.0	10.195	33.427	25.692	230.43	0.189	-0.074
80.0	9.975	33.442	25.741	225.96	0.212	-0.101
100.0	9.526	33.611	25.948	206.69	0.255	-0.042
120.0	9.308	33.762	26.102	192.45	0.295	0.041
140.0	9.001	33.853	26.222	181.36	0.332	0.063
160.0	8.790	33.939	26.323	172.11	0.368	0.098
180.0	8.556	34.025	26.427	162.58	0.401	0.129
200.0	8.415	34.064	26.480	157.93	0.433	0.138
250.0	7.665	34.052	26.582	148.78	0.510	0.016
300.0	7.081	34.073	26.681	139.85	0.582	-0.051
350.0	6.572	34.065	26.744	134.27	0.651	-0.126
400.0	6.256	34.101	26.814	128.13	0.716	-0.140
450.0	5.944	34.143	26.888	121.59	0.779	-0.146
500.0	5.625	34.188	26.963	114.79	0.838	-0.150
550.0	5.265	34.214	27.027	109.01	0.893	-0.173
600.0	5.194	34.299	27.103	102.35	0.946	-0.115
650.0	4.938	34.322	27.151	98.08	0.996	-0.127
700.0	4.828	34.368	27.200	93.79	1.044	-0.103
750.0	4.663	34.400	27.244	89.94	1.090	-0.096
800.0	4.445	34.411	27.278	86.95	1.134	-0.111
1000.0	3.835	34.463	27.383	77.63	1.299	-0.135
1200.0	3.313	34.508	27.471	69.67	1.446	-0.150
1400.0	2.937	34.537	27.530	64.45	1.580	-0.163
1600.0	2.571	34.568	27.588	59.00	1.703	-0.171
1800.0	2.270	34.592	27.633	54.65	1.817	-0.177
2000.0	2.037	34.616	27.672	50.96	1.922	-0.178
2200.0	1.883	34.635	27.700	48.46	2.021	-0.175
2400.0	1.779	34.646	27.718	47.07	2.117	-0.176
2600.0	1.732	34.655	27.730	46.50	2.210	-0.173
2800.0	1.684	34.660	27.739	46.15	2.303	-0.174
3000.0	1.620	34.668	27.751	45.33	2.395	-0.173
3111.6	1.614	34.670	27.754	45.44	2.445	-0.173

STATION: 23 DATE: 11/18/89 0730 GMT

LAT: 36 26.6 N. LON: 122 47.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.3	13.609	33.476	25.091	286.20	0.007	0.620
5.0	13.617	33.477	25.090	286.35	0.014	0.623
10.0	13.616	33.477	25.090	286.46	0.029	0.622
15.0	13.615	33.477	25.091	286.57	0.043	0.622
20.0	13.618	33.477	25.090	286.76	0.057	0.623
25.0	13.622	33.477	25.090	286.95	0.072	0.623
30.0	13.619	33.477	25.090	287.02	0.086	0.623
40.0	12.832	33.451	25.228	274.13	0.114	0.441
50.0	11.787	33.395	25.384	259.46	0.141	0.191
60.0	11.769	33.461	25.439	254.50	0.167	0.239
70.0	10.828	33.538	25.669	232.73	0.191	0.126
80.0	10.315	33.600	25.808	219.74	0.213	0.084
100.0	9.782	33.819	26.069	195.31	0.255	0.166
120.0	9.578	33.979	26.228	180.59	0.292	0.258
140.0	9.369	34.029	26.302	173.96	0.328	0.263
160.0	8.914	34.071	26.407	164.20	0.362	0.222
180.0	8.645	34.079	26.456	159.92	0.394	0.185
200.0	8.437	34.079	26.488	157.17	0.426	0.153
250.0	7.652	34.090	26.614	145.74	0.502	0.044
300.0	7.494	34.159	26.692	139.16	0.573	0.075
350.0	6.995	34.164	26.765	132.67	0.640	0.008
400.0	6.485	34.170	26.839	125.99	0.705	-0.055
450.0	6.318	34.211	26.894	121.46	0.767	-0.046
500.0	5.803	34.234	26.977	113.68	0.826	-0.093
550.0	5.673	34.275	27.027	109.56	0.882	-0.076
600.0	5.469	34.312	27.081	104.82	0.935	-0.072
650.0	5.231	34.335	27.128	100.70	0.987	-0.083
700.0	4.986	34.353	27.171	96.83	1.036	-0.097
750.0	4.756	34.377	27.216	92.78	1.083	-0.104
800.0	4.543	34.397	27.256	89.19	1.129	-0.112
1000.0	3.807	34.467	27.390	76.98	1.294	-0.134
1200.0	3.373	34.509	27.467	70.31	1.440	-0.144
1400.0	2.998	34.539	27.526	65.02	1.575	-0.156
1600.0	2.641	34.563	27.578	60.20	1.700	-0.169
1800.0	2.351	34.586	27.622	56.07	1.816	-0.176
2000.0	2.062	34.613	27.668	51.48	1.923	-0.178
2200.0	1.939	34.628	27.690	49.67	2.024	-0.177
2400.0	1.820	34.643	27.712	47.82	2.121	-0.175
2600.0	1.741	34.654	27.728	46.69	2.216	-0.173
2800.0	1.691	34.659	27.737	46.32	2.309	-0.174
3000.0	1.641	34.667	27.749	45.69	2.401	-0.173

STATION: 17 DATE: 11/18/89 1059 GMT

LAT: 36 20.0 N. LON: 122 55.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.880	33.482	25.040	291.05	0.006	0.682
5.0	13.881	33.482	25.040	291.12	0.015	0.683
10.0	13.880	33.484	25.041	291.11	0.029	0.684
15.0	13.877	33.483	25.041	291.25	0.044	0.682
20.0	13.869	33.482	25.043	291.29	0.058	0.679
25.0	13.856	33.481	25.045	291.24	0.073	0.676
30.0	13.855	33.480	25.044	291.41	0.087	0.674
40.0	13.090	33.486	25.204	276.45	0.116	0.520
50.0	12.629	33.500	25.305	267.03	0.143	0.438
60.0	11.005	33.416	25.543	244.48	0.169	0.062
70.0	10.747	33.511	25.662	233.35	0.193	0.090
80.0	10.420	33.632	25.814	219.17	0.215	0.128
100.0	9.689	33.701	25.992	202.58	0.258	0.056
120.0	8.939	33.791	26.183	184.63	0.297	0.005
140.0	8.507	33.901	26.337	170.31	0.332	0.024
160.0	8.142	33.941	26.424	162.39	0.365	0.000
180.0	8.139	34.037	26.500	155.53	0.397	0.075
200.0	7.766	34.013	26.536	152.27	0.428	0.001
250.0	7.559	34.080	26.619	145.19	0.502	0.023
300.0	6.828	34.052	26.700	137.94	0.573	-0.102
350.0	6.316	34.051	26.767	131.97	0.641	-0.171
400.0	6.028	34.100	26.843	125.25	0.705	-0.169
450.0	5.778	34.160	26.921	118.28	0.766	-0.154
500.0	5.631	34.214	26.983	112.97	0.823	-0.129
550.0	5.383	34.256	27.046	107.34	0.878	-0.126
600.0	5.177	34.280	27.090	103.56	0.931	-0.132
650.0	5.116	34.327	27.135	99.87	0.982	-0.102
700.0	4.778	34.331	27.177	95.94	1.031	-0.137
750.0	4.729	34.380	27.221	92.24	1.078	-0.105
800.0	4.543	34.397	27.256	89.20	1.123	-0.112
1000.0	3.896	34.455	27.371	78.94	1.290	-0.135
1200.0	3.390	34.506	27.463	70.74	1.439	-0.145
1400.0	2.954	34.538	27.529	64.58	1.574	-0.161
1600.0	2.592	34.566	27.584	59.40	1.698	-0.171
1800.0	2.287	34.590	27.630	55.00	1.812	-0.178
2000.0	2.028	34.615	27.672	50.93	1.918	-0.179
2200.0	1.873	34.633	27.699	48.47	2.016	-0.178
2400.0	1.771	34.648	27.720	46.83	2.112	-0.175
2600.0	1.686	34.657	27.735	45.75	2.204	-0.175
2800.0	1.669	34.660	27.740	45.93	2.296	-0.175
3000.0	1.623	34.666	27.749	45.51	2.388	-0.175
3200.0	1.587	34.671	27.757	45.25	2.479	-0.175
3284.1	1.567	34.673	27.761	45.06	2.517	-0.175

STATION: 18 DATE: 11/19/89 0130 GMT

LAT: 36 20.2 N. LON: 123 1.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.5	15.424	33.221	24.509	341.61	0.009	0.815
5.0	15.417	33.222	24.511	341.47	0.017	0.814
10.0	15.261	33.217	24.542	338.70	0.034	0.775
15.0	15.237	33.218	24.548	338.29	0.051	0.770
20.0	14.769	33.275	24.693	324.58	0.068	0.710
25.0	14.100	33.314	24.865	308.35	0.083	0.595
30.0	14.258	33.447	24.935	301.82	0.099	0.735
40.0	13.214	33.280	25.018	294.12	0.129	0.384
50.0	10.700	32.973	25.251	271.98	0.157	-0.347
60.0	10.050	33.023	25.402	257.80	0.183	-0.422
70.0	11.165	33.450	25.541	244.92	0.208	0.118
80.0	10.576	33.522	25.702	229.84	0.232	0.068
100.0	10.005	33.623	25.878	213.39	0.276	0.048
120.0	9.527	33.779	26.080	194.62	0.317	0.091
140.0	9.257	33.900	26.219	181.77	0.355	0.143
160.0	8.997	33.988	26.329	171.61	0.390	0.170
180.0	8.724	34.035	26.409	164.33	0.424	0.163
200.0	8.491	34.069	26.472	158.71	0.456	0.153
250.0	7.594	34.049	26.590	147.98	0.532	0.003
300.0	6.908	34.050	26.687	139.21	0.604	-0.093
350.0	6.547	34.086	26.764	132.40	0.672	-0.113
400.0	6.137	34.111	26.837	125.88	0.736	-0.147
450.0	5.826	34.159	26.914	118.96	0.798	-0.149
500.0	5.441	34.179	26.978	113.19	0.856	-0.180
550.0	5.350	34.244	27.040	107.82	0.911	-0.140
600.0	5.200	34.284	27.090	103.53	0.964	-0.126
650.0	5.129	34.332	27.137	99.69	1.015	-0.097
700.0	4.975	34.365	27.181	95.83	1.063	-0.089
750.0	4.578	34.359	27.221	91.95	1.110	-0.138
800.0	4.478	34.391	27.258	88.87	1.155	-0.124
1000.0	3.920	34.457	27.370	79.06	1.323	-0.131
1200.0	3.356	34.506	27.466	70.34	1.472	-0.148
1400.0	2.947	34.538	27.530	64.49	1.607	-0.161
1600.0	2.590	34.566	27.585	59.37	1.731	-0.171
1800.0	2.269	34.593	27.634	54.57	1.845	-0.177
2000.0	2.026	34.616	27.673	50.83	1.950	-0.178
2200.0	1.879	34.633	27.699	48.56	2.050	-0.177
2400.0	1.786	34.646	27.717	47.17	2.145	-0.175
2600.0	1.713	34.657	27.733	46.10	2.238	-0.173
2800.0	1.667	34.662	27.741	45.78	2.330	-0.173
3000.0	1.617	34.668	27.751	45.29	2.421	-0.174
3200.0	1.596	34.671	27.756	45.37	2.512	-0.174
3400.0	1.561	34.676	27.764	45.10	2.603	-0.174
3412.2	1.547	34.676	27.765	44.92	2.608	-0.175

STATION: 19 DATE: 11/19/89 0736 GMT

LAT: 36 15.7 N. LON: 123 10.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.5	15.257	33.247	24.566	336.21	0.008	0.798
5.0	15.264	33.247	24.564	336.41	0.017	0.799
10.0	15.000	33.237	24.614	331.84	0.034	0.732
15.0	15.022	33.262	24.629	330.53	0.050	0.757
20.0	14.984	33.376	24.725	321.55	0.066	0.838
25.0	14.863	33.424	24.788	315.69	0.082	0.849
30.0	14.565	33.447	24.870	308.04	0.098	0.801
40.0	11.418	33.208	25.306	266.60	0.127	-0.027
50.0	10.469	33.189	25.460	252.15	0.153	-0.216
60.0	10.499	33.420	25.635	235.73	0.177	-0.027
70.0	9.671	33.410	25.767	223.27	0.200	-0.177
80.0	9.611	33.493	25.841	216.40	0.222	-0.122
100.0	9.297	33.673	26.034	198.49	0.264	-0.030
120.0	9.005	33.819	26.195	183.55	0.302	0.038
140.0	8.522	33.893	26.328	171.16	0.337	0.020
160.0	8.262	33.955	26.417	163.08	0.370	0.029
180.0	7.916	33.986	26.493	156.08	0.402	0.002
200.0	7.639	34.006	26.549	151.05	0.433	-0.024
250.0	7.026	34.006	26.636	143.32	0.506	-0.111
300.0	6.490	34.025	26.723	135.53	0.576	-0.169
350.0	6.260	34.095	26.808	128.00	0.642	-0.144
400.0	6.213	34.188	26.888	121.12	0.704	-0.077
450.0	6.080	34.260	26.963	114.70	0.763	-0.037
500.0	5.653	34.258	27.015	109.97	0.820	-0.092
550.0	5.154	34.238	27.058	105.86	0.874	-0.167
600.0	5.011	34.277	27.107	101.72	0.926	-0.153
650.0	4.712	34.276	27.140	98.73	0.976	-0.188
700.0	4.527	34.317	27.193	93.96	1.024	-0.176
750.0	4.414	34.349	27.231	90.74	1.070	-0.163
800.0	4.480	34.400	27.265	88.22	1.115	-0.116
1000.0	3.816	34.468	27.389	77.04	1.280	-0.133
1200.0	3.256	34.512	27.480	68.71	1.425	-0.153
1400.0	2.878	34.542	27.539	63.38	1.558	-0.164
1600.0	2.537	34.570	27.592	58.44	1.679	-0.172
1800.0	2.206	34.591	27.637	53.96	1.791	-0.183
2000.0	2.003	34.613	27.672	50.77	1.895	-0.183
2200.0	1.859	34.633	27.700	48.31	1.994	-0.179
2400.0	1.780	34.644	27.716	47.23	2.090	-0.177
2600.0	1.708	34.655	27.732	46.18	2.183	-0.175
2800.0	1.661	34.661	27.741	45.77	2.275	-0.175
3000.0	1.615	34.667	27.750	45.33	2.366	-0.174
3200.0	1.594	34.670	27.756	45.42	2.457	-0.175
3297.9	1.568	34.673	27.761	45.12	2.501	-0.175

STATION: 20 DATE: 11/19/89 1953 GMT

LAT: 36 7.0 N. LON: 123 29.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.3	15.264	33.290	24.597	333.20	0.008	0.833
5.0	15.195	33.289	24.611	331.91	0.017	0.817
10.0	15.180	33.290	24.616	331.66	0.033	0.814
15.0	15.175	33.291	24.618	331.63	0.050	0.813
20.0	15.165	33.290	24.619	331.62	0.066	0.810
25.0	15.131	33.288	24.625	331.21	0.083	0.801
30.0	15.085	33.288	24.636	330.37	0.100	0.790
40.0	14.445	33.253	24.746	320.15	0.132	0.621
50.0	12.889	33.227	25.043	292.02	0.163	0.274
60.0	10.847	33.109	25.332	264.55	0.191	-0.212
70.0	10.787	33.271	25.469	251.76	0.216	-0.094
80.0	10.072	33.315	25.626	236.94	0.241	-0.185
100.0	9.592	33.612	25.938	207.62	0.285	-0.030
120.0	8.957	33.787	26.177	185.23	0.324	0.004
140.0	8.812	33.926	26.309	173.07	0.360	0.091
160.0	8.450	33.961	26.393	165.37	0.394	0.063
180.0	8.110	33.997	26.472	158.11	0.426	0.039
200.0	7.930	34.023	26.520	153.88	0.458	0.033
250.0	7.064	34.015	26.637	143.18	0.532	-0.098
300.0	6.590	34.035	26.718	136.03	0.601	-0.147
350.0	5.933	34.019	26.790	129.46	0.667	-0.245
400.0	5.602	34.067	26.869	122.37	0.730	-0.248
450.0	5.428	34.131	26.941	116.04	0.790	-0.218
500.0	5.283	34.190	27.005	110.46	0.846	-0.190
550.0	5.086	34.233	27.062	105.42	0.900	-0.179
600.0	4.915	34.283	27.122	100.12	0.952	-0.159
650.0	4.745	34.314	27.166	96.30	1.001	-0.154
700.0	4.579	34.346	27.210	92.44	1.048	-0.147
750.0	4.447	34.373	27.246	89.34	1.093	-0.141
800.0	4.296	34.396	27.281	86.31	1.137	-0.139
1000.0	3.734	34.469	27.398	75.99	1.299	-0.140
1200.0	3.319	34.508	27.471	69.74	1.444	-0.150
1400.0	2.933	34.536	27.530	64.48	1.578	-0.164
1600.0	2.589	34.566	27.585	59.35	1.702	-0.171
1800.0	2.312	34.590	27.628	55.30	1.817	-0.176
2000.0	2.071	34.611	27.665	51.74	1.923	-0.179
2200.0	1.901	34.628	27.693	49.19	2.024	-0.180
2400.0	1.810	34.641	27.712	47.84	2.121	-0.177
2600.0	1.747	34.652	27.726	46.92	2.216	-0.174
2800.0	1.680	34.660	27.739	46.10	2.309	-0.174
3000.0	1.631	34.665	27.748	45.70	2.401	-0.175
3200.0	1.597	34.669	27.755	45.53	2.492	-0.175
3400.0	1.582	34.673	27.760	45.62	2.583	-0.175
3600.0	1.528	34.680	27.771	44.88	2.673	-0.174
3608.1	1.529	34.680	27.771	44.92	2.677	-0.174

STATION: 22 DATE: 11/20/89 0830 GMT

LAT: 35 46.2 N. LON: 124 14.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.4	15.306	33.158	24.486	343.76	0.008	0.738
5.0	15.302	33.159	24.488	343.67	0.017	0.738
10.0	15.249	33.155	24.497	342.97	0.034	0.723
15.0	15.202	33.156	24.508	342.07	0.051	0.713
20.0	15.192	33.156	24.510	342.00	0.069	0.710
25.0	15.187	33.156	24.512	342.03	0.086	0.709
30.0	14.910	33.137	24.557	337.83	0.103	0.632
40.0	11.196	33.034	25.211	275.58	0.132	-0.207
50.0	10.023	33.040	25.419	255.95	0.158	-0.413
60.0	10.177	33.262	25.567	242.12	0.183	-0.209
70.0	10.100	33.454	25.729	226.90	0.207	-0.070
80.0	9.967	33.633	25.892	211.65	0.229	0.050
100.0	9.555	33.858	26.137	188.79	0.269	0.159
120.0	9.287	33.966	26.265	177.00	0.305	0.200
140.0	9.080	34.028	26.347	169.60	0.340	0.214
160.0	8.923	34.068	26.404	164.55	0.373	0.221
180.0	8.757	34.104	26.458	159.71	0.406	0.223
200.0	8.673	34.121	26.485	157.57	0.437	0.223
250.0	8.434	34.164	26.556	151.68	0.515	0.219
300.0	8.235	34.194	26.611	147.32	0.590	0.212
350.0	7.956	34.208	26.664	142.99	0.662	0.180
400.0	7.594	34.222	26.728	137.53	0.732	0.138
450.0	7.246	34.234	26.787	132.44	0.800	0.097
500.0	6.776	34.246	26.862	125.72	0.864	0.042
550.0	6.427	34.265	26.924	120.23	0.926	0.010
600.0	6.098	34.281	26.979	115.29	0.984	-0.020
650.0	5.653	34.303	27.052	108.45	1.040	-0.058
700.0	5.533	34.321	27.081	106.16	1.094	-0.059
750.0	5.356	34.337	27.116	103.27	1.146	-0.068
800.0	4.998	34.365	27.180	97.17	1.196	-0.087
1000.0	3.994	34.428	27.340	82.08	1.375	-0.146
1200.0	3.529	34.492	27.438	73.43	1.531	-0.143
1400.0	3.093	34.529	27.510	66.89	1.670	-0.155
1600.0	2.773	34.554	27.560	62.43	1.799	-0.165
1800.0	2.465	34.580	27.608	57.89	1.920	-0.171
2000.0	2.183	34.605	27.652	53.55	2.031	-0.175
2200.0	1.992	34.624	27.683	50.63	2.135	-0.176
2400.0	1.864	34.637	27.704	48.82	2.234	-0.176
2600.0	1.770	34.650	27.723	47.37	2.330	-0.174
2800.0	1.706	34.657	27.735	46.67	2.424	-0.175
3000.0	1.653	34.665	27.746	46.01	2.517	-0.173
3200.0	1.610	34.671	27.755	45.58	2.608	-0.173
3400.0	1.577	34.675	27.762	45.40	2.699	-0.173
3600.0	1.552	34.679	27.769	45.31	2.790	-0.173
3800.0	1.535	34.682	27.774	45.39	2.881	-0.174
4000.0	1.504	34.687	27.781	45.09	2.972	-0.173
4013.5	1.506	34.687	27.781	45.16	2.978	-0.173

STATION: 21 DATE: 11/20/89 1510 GMT

LAT: 35 56.7 N. LON: 123 52.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.9	14.760	32.931	24.430	349.17	0.010	0.436
5.0	14.763	32.930	24.428	349.35	0.017	0.436
10.0	14.761	32.930	24.429	349.44	0.035	0.436
15.0	14.696	32.970	24.473	345.35	0.052	0.453
20.0	14.941	33.192	24.592	334.17	0.069	0.683
25.0	14.717	33.155	24.612	332.44	0.086	0.604
30.0	13.972	33.056	24.693	324.87	0.102	0.364
40.0	12.527	33.142	25.047	291.31	0.133	0.134
50.0	11.394	33.203	25.307	266.73	0.161	-0.036
60.0	10.098	33.123	25.472	251.16	0.187	-0.333
70.0	10.113	33.267	25.582	240.92	0.211	-0.216
80.0	10.510	33.607	25.779	222.46	0.235	0.124
100.0	9.668	33.648	25.954	206.18	0.277	0.011
120.0	9.218	33.760	26.115	191.17	0.317	0.026
140.0	9.236	33.864	26.194	184.14	0.354	0.110
160.0	9.091	34.005	26.328	171.82	0.390	0.198
180.0	8.794	34.035	26.398	165.44	0.424	0.174
200.0	8.613	34.064	26.449	160.88	0.456	0.168
250.0	8.008	34.104	26.573	149.85	0.534	0.107
300.0	7.752	34.140	26.640	144.26	0.608	0.097
350.0	7.148	34.137	26.724	136.73	0.678	0.009
400.0	6.486	34.124	26.802	129.48	0.744	-0.092
450.0	5.728	34.081	26.865	123.50	0.808	-0.222
500.0	5.342	34.099	26.926	117.93	0.868	-0.254
550.0	5.099	34.144	26.990	112.17	0.926	-0.247
600.0	5.214	34.230	27.046	107.73	0.981	-0.167
650.0	4.857	34.253	27.105	102.19	1.034	-0.190
700.0	4.549	34.273	27.156	97.49	1.084	-0.208
750.0	4.543	34.325	27.198	94.04	1.131	-0.168
800.0	4.468	34.366	27.239	90.58	1.177	-0.144
1000.0	3.909	34.449	27.365	79.55	1.346	-0.138
1200.0	3.412	34.500	27.456	71.45	1.496	-0.148
1400.0	3.018	34.535	27.521	65.55	1.633	-0.157
1600.0	2.655	34.563	27.577	60.37	1.758	-0.168
1800.0	2.377	34.582	27.617	56.66	1.875	-0.177
2000.0	2.102	34.610	27.662	52.19	1.984	-0.177
2200.0	1.948	34.626	27.688	49.93	2.086	-0.178
2400.0	1.854	34.639	27.707	48.55	2.184	-0.176
2600.0	1.769	34.650	27.723	47.35	2.280	-0.174
2800.0	1.692	34.659	27.737	46.34	2.374	-0.174
3000.0	1.639	34.665	27.747	45.80	2.466	-0.174
3200.0	1.599	34.671	27.756	45.42	2.557	-0.174
3400.0	1.570	34.673	27.761	45.44	2.648	-0.175
3600.0	1.545	34.679	27.769	45.20	2.739	-0.174
3800.0	1.522	34.683	27.775	45.12	2.829	-0.174
3931.6	1.503	34.688	27.782	44.82	2.888	-0.172

STATION: 24 DATE: 11/21/89 0336 GMT

LAT: 36 35.9 N. LON: 122 22.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	14.284	33.517	24.983	296.49	0.006	0.796
5.0	14.280	33.517	24.984	296.48	0.015	0.795
10.0	14.291	33.518	24.982	296.73	0.030	0.798
15.0	14.263	33.516	24.987	296.44	0.044	0.791
20.0	14.023	33.503	25.027	292.77	0.059	0.729
25.0	13.809	33.479	25.053	290.43	0.074	0.664
30.0	13.299	33.452	25.135	282.71	0.088	0.536
40.0	12.194	33.493	25.384	259.30	0.115	0.347
50.0	11.557	33.505	25.512	247.29	0.141	0.235
60.0	10.863	33.636	25.740	225.82	0.164	0.211
70.0	10.531	33.690	25.840	216.44	0.187	0.194
80.0	10.271	33.717	25.906	210.38	0.208	0.169
100.0	9.985	33.804	26.023	199.70	0.249	0.188
120.0	9.822	33.913	26.136	189.39	0.289	0.247
140.0	9.609	33.991	26.232	180.61	0.326	0.272
160.0	9.437	34.028	26.290	175.53	0.361	0.272
180.0	8.993	34.037	26.369	168.30	0.396	0.207
200.0	8.734	34.069	26.435	162.33	0.428	0.191
250.0	8.303	34.130	26.549	152.24	0.507	0.172
300.0	7.846	34.120	26.610	147.15	0.582	0.095
350.0	7.702	34.174	26.674	141.83	0.654	0.116
400.0	6.723	34.132	26.778	132.03	0.722	-0.054
450.0	6.571	34.211	26.861	124.81	0.787	-0.012
500.0	6.151	34.227	26.929	118.68	0.848	-0.054
550.0	5.833	34.264	26.998	112.45	0.905	-0.066
600.0	5.461	34.270	27.048	107.88	0.960	-0.107
650.0	5.211	34.310	27.110	102.28	1.013	-0.104
700.0	4.982	34.331	27.153	98.47	1.063	-0.115
750.0	4.607	34.350	27.211	92.95	1.111	-0.142
800.0	4.555	34.384	27.244	90.33	1.157	-0.121
1000.0	3.876	34.453	27.372	78.84	1.325	-0.138
1200.0	3.385	34.504	27.461	70.82	1.475	-0.147
1400.0	2.946	34.537	27.529	64.55	1.610	-0.162
1600.0	2.647	34.562	27.577	60.34	1.735	-0.169
1800.0	2.271	34.591	27.632	54.74	1.849	-0.178
2000.0	2.089	34.612	27.665	51.88	1.956	-0.177
2200.0	1.942	34.629	27.691	49.64	2.057	-0.176
2400.0	1.846	34.641	27.709	48.30	2.155	-0.175
2600.0	1.797	34.646	27.718	48.01	2.252	-0.176
2800.0	1.712	34.657	27.734	46.75	2.346	-0.174
2967.6	1.679	34.662	27.742	46.48	2.424	-0.174

STATION: 26 DATE: 11/21/89 0806 GMT

LAT: 36 36.6 N. LON: 122 9.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.552	33.525	25.140	281.49	0.006	0.647
5.0	13.550	33.525	25.141	281.52	0.014	0.647
10.0	13.399	33.519	25.166	279.22	0.028	0.610
15.0	13.119	33.512	25.217	274.49	0.042	0.547
20.0	12.483	33.515	25.345	262.47	0.055	0.422
25.0	12.108	33.558	25.450	252.64	0.068	0.382
30.0	11.952	33.566	25.486	249.28	0.081	0.359
40.0	11.796	33.585	25.530	245.36	0.106	0.344
50.0	11.579	33.597	25.580	240.85	0.130	0.312
60.0	11.224	33.643	25.681	231.47	0.153	0.282
70.0	11.053	33.655	25.720	227.91	0.176	0.259
80.0	10.792	33.682	25.789	221.61	0.199	0.234
100.0	10.627	33.735	25.859	215.38	0.242	0.246
120.0	10.304	33.767	25.941	208.01	0.285	0.214
140.0	10.152	33.829	26.015	201.38	0.325	0.236
160.0	9.604	33.889	26.154	188.48	0.365	0.190
180.0	9.527	33.932	26.200	184.44	0.402	0.211
200.0	9.134	34.027	26.339	171.58	0.438	0.222
250.0	8.317	34.064	26.496	157.30	0.520	0.122
300.0	7.503	34.053	26.607	147.16	0.596	-0.007
350.0	7.253	34.147	26.716	137.49	0.667	0.031
400.0	6.750	34.158	26.795	130.46	0.734	-0.030
450.0	6.277	34.179	26.874	123.29	0.798	-0.076
500.0	6.080	34.226	26.937	117.83	0.858	-0.064
550.0	5.631	34.233	26.998	112.17	0.915	-0.115
600.0	5.429	34.270	27.052	107.48	0.970	-0.111
650.0	5.162	34.301	27.109	102.34	1.022	-0.117
700.0	5.004	34.340	27.158	98.04	1.072	-0.105
750.0	4.795	34.375	27.210	93.42	1.120	-0.102
800.0	4.467	34.375	27.246	89.91	1.165	-0.138
1000.0	3.863	34.456	27.375	78.46	1.333	-0.137
1200.0	3.310	34.504	27.469	69.92	1.481	-0.154
1400.0	2.887	34.541	27.538	63.57	1.615	-0.164
1600.0	2.603	34.566	27.584	59.52	1.739	-0.170
1800.0	2.326	34.592	27.629	55.33	1.853	-0.173
2000.0	2.130	34.610	27.660	52.52	1.961	-0.175
2200.0	2.002	34.622	27.681	50.90	2.064	-0.177
2303.9	1.900	34.632	27.697	49.29	2.117	-0.177

STATION: 25 DATE: 11/21/89 1153 GMT

LAT: 36 33.7 N. LON: 122 14.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.986	33.506	25.036	291.37	0.006	0.724
5.0	13.986	33.506	25.036	291.45	0.015	0.724
10.0	13.973	33.504	25.037	291.50	0.029	0.719
15.0	13.900	33.503	25.052	290.25	0.044	0.702
20.0	13.064	33.480	25.203	276.01	0.058	0.512
25.0	11.780	33.489	25.458	251.85	0.071	0.265
30.0	11.705	33.504	25.484	249.48	0.083	0.262
40.0	11.637	33.592	25.565	242.03	0.108	0.319
50.0	11.483	33.607	25.605	238.45	0.132	0.301
60.0	11.174	33.641	25.688	230.76	0.155	0.271
70.0	11.080	33.638	25.703	229.57	0.178	0.252
80.0	10.850	33.606	25.719	228.28	0.201	0.184
100.0	10.786	33.694	25.799	221.11	0.246	0.241
120.0	10.271	33.808	25.978	204.48	0.289	0.240
140.0	10.000	33.868	26.071	196.02	0.329	0.241
160.0	9.871	33.905	26.122	191.55	0.368	0.248
180.0	9.631	33.945	26.193	185.16	0.406	0.238
200.0	9.293	34.020	26.308	174.61	0.441	0.242
250.0	8.567	34.100	26.486	158.39	0.524	0.189
300.0	7.765	34.112	26.616	146.54	0.601	0.077
350.0	7.376	34.141	26.694	139.67	0.673	0.043
400.0	6.957	34.161	26.769	133.08	0.741	0.000
450.0	6.470	34.188	26.856	125.12	0.805	-0.044
500.0	6.219	34.222	26.916	119.98	0.866	-0.050
550.0	5.934	34.250	26.975	114.79	0.925	-0.064
600.0	5.455	34.264	27.044	108.23	0.981	-0.112
650.0	4.974	34.273	27.108	102.11	1.034	-0.161
700.0	4.796	34.303	27.152	98.25	1.084	-0.158
750.0	4.633	34.362	27.217	92.42	1.132	-0.130
800.0	4.490	34.379	27.247	89.90	1.177	-0.132
1000.0	3.839	34.457	27.379	78.09	1.344	-0.139
1200.0	3.422	34.496	27.452	71.84	1.493	-0.150
1400.0	2.915	34.539	27.534	64.04	1.629	-0.163
1600.0	2.560	34.568	27.589	58.86	1.752	-0.172
1800.0	2.274	34.594	27.635	54.54	1.866	-0.175
2000.0	2.076	34.613	27.666	51.65	1.971	-0.177
2200.0	1.952	34.627	27.688	49.91	2.072	-0.177
2400.0	1.846	34.639	27.707	48.44	2.170	-0.176
2561.1	1.801	34.646	27.717	47.93	2.248	-0.175

STATION: 27 DATE: 11/21/89 1441 GMT

LAT: 36 43.3 N. LON: 122 14.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.2	13.528	33.515	25.137	281.76	0.006	0.634
5.0	13.527	33.514	25.137	281.86	0.014	0.633
10.0	13.505	33.513	25.141	281.68	0.028	0.628
15.0	12.799	33.504	25.274	269.06	0.042	0.476
20.0	12.073	33.533	25.437	253.73	0.055	0.356
25.0	11.653	33.563	25.539	244.10	0.067	0.299
30.0	11.454	33.611	25.613	237.17	0.079	0.300
40.0	11.288	33.639	25.665	232.46	0.103	0.291
50.0	11.070	33.660	25.721	227.38	0.126	0.267
60.0	10.893	33.682	25.770	222.94	0.148	0.252
70.0	10.780	33.696	25.801	220.17	0.171	0.243
80.0	10.661	33.700	25.825	218.12	0.193	0.224
100.0	10.647	33.717	25.841	217.04	0.236	0.235
120.0	10.367	33.766	25.928	209.18	0.279	0.224
140.0	10.181	33.822	26.004	202.39	0.320	0.235
160.0	9.967	33.875	26.083	195.31	0.360	0.241
180.0	9.767	33.921	26.153	189.05	0.398	0.243
200.0	9.539	33.968	26.227	182.31	0.435	0.242
250.0	8.883	34.015	26.370	169.50	0.524	0.171
300.0	7.948	34.068	26.554	152.44	0.604	0.069
350.0	7.393	34.134	26.687	140.37	0.676	0.041
400.0	6.967	34.153	26.761	133.82	0.745	-0.005
450.0	6.379	34.165	26.849	125.69	0.810	-0.074
500.0	6.070	34.185	26.906	120.75	0.871	-0.098
550.0	5.801	34.254	26.994	112.78	0.929	-0.078
600.0	5.357	34.258	27.051	107.42	0.985	-0.128
650.0	5.092	34.282	27.102	102.91	1.037	-0.140
700.0	4.959	34.308	27.138	99.84	1.088	-0.135
750.0	4.664	34.339	27.196	94.48	1.136	-0.144
800.0	4.468	34.369	27.241	90.39	1.182	-0.142
1000.0	3.883	34.450	27.368	79.14	1.350	-0.140
1049.3	3.812	34.458	27.382	78.13	1.389	-0.141

STATION: 29 DATE: 11/21/89 2023 GMT

LAT: 36 42.2 N. LON: 122 2.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.9	13.424	33.515	25.158	279.77	0.008	0.613
5.0	13.413	33.511	25.158	279.89	0.014	0.607
10.0	13.385	33.514	25.166	279.29	0.028	0.603
15.0	13.376	33.514	25.168	279.23	0.042	0.602
20.0	13.371	33.497	25.156	280.50	0.056	0.587
25.0	13.345	33.495	25.160	280.25	0.070	0.580
30.0	13.262	33.490	25.172	279.18	0.084	0.559
40.0	13.021	33.490	25.221	274.86	0.112	0.509
50.0	12.049	33.538	25.446	253.60	0.138	0.354
60.0	11.571	33.542	25.538	245.02	0.163	0.266
70.0	10.901	33.515	25.639	235.61	0.187	0.121
80.0	10.628	33.575	25.734	226.79	0.210	0.120
100.0	10.404	33.640	25.823	218.69	0.254	0.131
120.0	9.891	33.753	25.999	202.33	0.296	0.132
140.0	9.790	33.854	26.096	193.61	0.336	0.194
160.0	9.519	33.900	26.177	186.27	0.374	0.185
180.0	9.224	33.936	26.252	179.39	0.411	0.164
200.0	9.015	34.006	26.341	171.29	0.446	0.186
250.0	8.478	34.059	26.467	160.11	0.528	0.143
300.0	7.879	34.075	26.570	150.94	0.605	0.064
350.0	7.315	34.088	26.662	142.69	0.679	-0.007
400.0	6.958	34.138	26.751	134.77	0.748	-0.017
450.0	6.466	34.158	26.833	127.34	0.814	-0.068
500.0	6.206	34.181	26.885	122.86	0.876	-0.084
550.0	5.808	34.233	26.977	114.44	0.936	-0.093
600.0	5.425	34.272	27.054	107.26	0.992	-0.109
650.0	5.121	34.307	27.118	101.42	1.044	-0.117
700.0	4.812	34.329	27.171	96.52	1.093	-0.136
750.0	4.610	34.356	27.215	92.55	1.141	-0.137
800.0	4.515	34.374	27.240	90.57	1.186	-0.133
1000.0	3.990	34.437	27.347	81.41	1.357	-0.140
1200.0	3.378	34.496	27.456	71.34	1.508	-0.154
1399.7	2.848	34.541	27.541	63.11	1.647	-0.167

STATION: 33 DATE: 11/21/89 2223 GMT

LAT: 36 46.6 N. LON: 122 1.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.1	13.822	33.523	25.083	286.90	0.006	0.702
5.0	13.811	33.523	25.085	286.79	0.014	0.700
10.0	13.554	33.517	25.134	282.32	0.029	0.641
15.0	13.369	33.511	25.166	279.35	0.043	0.598
20.0	13.252	33.511	25.191	277.18	0.057	0.574
25.0	12.997	33.522	25.250	271.64	0.070	0.531
30.0	12.852	33.531	25.285	268.42	0.084	0.508
40.0	12.565	33.551	25.357	261.82	0.110	0.466
50.0	12.056	33.550	25.454	252.83	0.136	0.365
60.0	11.165	33.499	25.579	241.12	0.161	0.157
70.0	10.730	33.526	25.677	231.93	0.184	0.099
80.0	10.390	33.581	25.780	222.37	0.207	0.082
100.0	10.311	33.700	25.886	212.72	0.250	0.162
120.0	10.135	33.809	26.002	202.19	0.292	0.217
140.0	9.788	33.873	26.110	192.21	0.331	0.209
160.0	9.605	33.908	26.168	187.06	0.369	0.206
180.0	9.383	33.947	26.236	181.01	0.406	0.200
200.0	9.072	34.017	26.341	171.39	0.441	0.204
250.0	8.384	34.091	26.506	156.33	0.523	0.154
300.0	7.887	34.109	26.595	148.55	0.600	0.092
350.0	7.084	34.140	26.734	135.65	0.670	0.002
400.0	6.863	34.165	26.785	131.51	0.737	-0.009
450.0	6.407	34.190	26.865	124.20	0.800	-0.051
500.0	6.086	34.210	26.923	119.13	0.861	-0.077
550.0	5.746	34.244	26.993	112.82	0.919	-0.092
600.0	5.391	34.277	27.062	106.46	0.974	-0.109
650.0	5.097	34.312	27.125	100.75	1.026	-0.116
700.0	4.857	34.340	27.175	96.25	1.075	-0.122
750.0	4.618	34.367	27.223	91.85	1.122	-0.127
800.0	4.475	34.383	27.251	89.44	1.168	-0.131
913.7	4.251	34.407	27.296	86.00	1.267	-0.136

STATION: 30 DATE: 11/22/89 0000 GMT

LAT: 36 47.0 N. LON: 121 56.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.2	13.541	33.533	25.149	280.69	0.006	0.651
5.0	13.521	33.532	25.152	280.43	0.014	0.646
10.0	13.470	33.530	25.161	279.72	0.028	0.634
15.0	13.394	33.529	25.176	278.44	0.042	0.617
20.0	13.328	33.532	25.191	277.10	0.056	0.606
25.0	13.231	33.532	25.211	275.37	0.070	0.586
30.0	12.906	33.539	25.281	268.86	0.083	0.525
40.0	12.312	33.545	25.402	257.58	0.109	0.412
50.0	12.042	33.566	25.469	251.43	0.135	0.375
60.0	11.936	33.591	25.509	247.89	0.160	0.374
70.0	11.516	33.617	25.607	238.74	0.184	0.315
80.0	11.326	33.618	25.643	235.55	0.208	0.280
100.0	10.853	33.678	25.775	223.41	0.255	0.241
120.0	9.934	33.832	26.054	197.16	0.296	0.202
140.0	9.751	33.869	26.114	191.88	0.335	0.200
160.0	9.269	33.941	26.249	179.29	0.372	0.177
180.0	8.962	33.973	26.324	172.55	0.407	0.152
200.0	8.690	34.039	26.418	163.93	0.441	0.160
250.0	8.088	34.074	26.538	153.22	0.520	0.095
300.0	7.583	34.115	26.644	143.73	0.595	0.053
350.0	7.019	34.153	26.754	133.78	0.664	0.003
400.0	6.457	34.193	26.861	123.91	0.728	-0.041
450.0	6.155	34.217	26.920	118.84	0.789	-0.061
500.0	5.956	34.235	26.959	115.59	0.848	-0.073
550.0	5.666	34.258	27.014	110.74	0.904	-0.091
600.0	5.518	34.267	27.040	108.76	0.960	-0.102
609.1	5.204	34.303	27.105	102.29	0.969	-0.111

STATION: 0 DATE: 1/17/90 2148 GMT

LAT: 36 33.8 N. LON: 122 2.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.092	33.395	25.132	282.21	0.000	0.450
5.0	13.035	33.392	25.141	281.51	0.014	0.435
10.0	12.947	33.390	25.157	280.08	0.028	0.416
15.0	12.930	33.390	25.161	279.88	0.042	0.412
20.0	12.922	33.390	25.162	279.85	0.056	0.411
25.0	12.920	33.390	25.163	279.94	0.070	0.410
30.0	12.918	33.390	25.163	280.02	0.084	0.410
40.0	12.898	33.399	25.174	279.26	0.112	0.412
50.0	12.136	33.470	25.377	260.21	0.139	0.317
60.0	11.592	33.522	25.519	246.82	0.164	0.255
70.0	11.252	33.560	25.611	238.30	0.188	0.221
80.0	10.948	33.564	25.669	232.99	0.212	0.169
100.0	10.222	33.720	25.917	209.80	0.256	0.162
120.0	9.702	33.855	26.110	191.78	0.296	0.180
140.0	9.183	33.976	26.290	175.05	0.333	0.190
160.0	8.863	34.037	26.389	165.95	0.367	0.187
180.0	8.702	34.056	26.429	162.45	0.399	0.177
200.0	8.344	34.107	26.525	153.66	0.431	0.161
250.0	7.749	34.138	26.638	143.56	0.505	0.096
300.0	7.481	34.166	26.698	138.52	0.576	0.079
350.0	6.967	34.169	26.774	131.87	0.643	0.009
400.0	6.573	34.171	26.829	127.10	0.708	-0.043
450.0	6.173	34.181	26.889	121.74	0.770	-0.087
500.0	5.884	34.219	26.956	115.82	0.829	-0.094
550.0	5.702	34.217	26.977	114.22	0.887	-0.119
600.0	5.423	34.256	27.042	108.41	0.942	-0.122
650.0	5.331	34.287	27.078	105.54	0.996	-0.109
700.0	5.173	34.308	27.113	102.54	1.048	-0.111
750.0	4.965	34.333	27.158	98.60	1.099	-0.116
800.0	4.864	34.349	27.182	96.69	1.147	-0.115
819.8	4.810	34.354	27.192	95.86	1.166	-0.117

STATION: 1 DATE: 1/17/90 2353 GMT

LAT: 36 19.8 N. LON: 121 55.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.528	33.459	25.292	266.97	0.000	0.387
5.0	12.535	33.461	25.293	267.06	0.013	0.390
10.0	12.546	33.464	25.293	267.17	0.027	0.394
15.0	12.546	33.464	25.293	267.29	0.040	0.394
20.0	12.536	33.463	25.294	267.30	0.053	0.391
25.0	12.542	33.465	25.295	267.37	0.067	0.394
30.0	12.494	33.473	25.310	266.02	0.080	0.391
40.0	12.055	33.530	25.438	254.08	0.106	0.349
43.0	12.022	33.535	25.449	253.16	0.114	0.347

STATION: 2 DATE: 1/18/90 0041 GMT

LAT: 36 20.1 N. LON: 122 0.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.199	33.425	25.134	282.03	0.000	0.495
5.0	13.195	33.428	25.137	281.86	0.014	0.497
10.0	13.196	33.429	25.138	281.93	0.028	0.498
15.0	13.136	33.424	25.146	281.30	0.042	0.481
20.0	12.955	33.429	25.186	277.59	0.056	0.448
25.0	12.876	33.431	25.203	276.07	0.070	0.434
30.0	12.843	33.434	25.212	275.37	0.084	0.429
40.0	12.683	33.437	25.246	272.41	0.111	0.399
50.0	12.144	33.469	25.375	260.38	0.138	0.318
60.0	11.789	33.475	25.446	253.81	0.164	0.254
70.0	11.136	33.463	25.557	243.47	0.188	0.123
80.0	10.920	33.487	25.614	238.20	0.212	0.102
91.7	10.580	33.583	25.749	225.65	0.239	0.117

STATION: 3 DATE: 1/18/90 0111 GMT

LAT: 36 20.3 N. LON: 122 2.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.214	33.427	25.132	282.16	0.000	0.500
5.0	13.211	33.426	25.132	282.31	0.014	0.499
10.0	13.185	33.424	25.136	282.07	0.028	0.492
15.0	13.150	33.427	25.146	281.29	0.042	0.487
20.0	13.058	33.430	25.166	279.47	0.056	0.470
25.0	12.959	33.429	25.186	277.78	0.070	0.449
30.0	12.916	33.432	25.196	276.90	0.084	0.442
40.0	12.730	33.434	25.235	273.51	0.112	0.406
50.0	12.452	33.447	25.299	267.63	0.139	0.361
60.0	11.828	33.525	25.478	250.78	0.165	0.302
70.0	11.106	33.462	25.561	243.03	0.189	0.117
80.0	10.924	33.571	25.679	232.07	0.213	0.170
100.0	9.909	33.750	25.994	202.44	0.257	0.133
120.0	9.807	33.789	26.041	198.31	0.297	0.146
125.0	9.745	33.807	26.066	196.10	0.307	0.150

STATION: 4 DATE: 1/18/90 0148 GMT

LAT: 36 20.3 N. LON: 122 5.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.076	33.415	25.151	280.43	0.000	0.462
5.0	13.077	33.414	25.150	280.63	0.014	0.462
10.0	13.082	33.414	25.149	280.86	0.028	0.462
15.0	13.072	33.412	25.150	280.92	0.042	0.459
20.0	13.018	33.415	25.163	279.82	0.056	0.450
25.0	12.957	33.412	25.173	278.98	0.070	0.435
30.0	12.833	33.419	25.203	276.29	0.084	0.415
40.0	12.681	33.424	25.236	273.33	0.111	0.389
50.0	11.899	33.424	25.386	259.28	0.138	0.236
60.0	10.938	33.361	25.512	247.44	0.164	0.005
70.0	10.608	33.393	25.595	239.70	0.188	-0.028
80.0	10.332	33.503	25.729	227.21	0.212	0.010
100.0	9.438	33.837	26.140	188.50	0.253	0.123
120.0	9.275	33.952	26.256	177.86	0.289	0.187
140.0	9.117	34.004	26.322	171.93	0.324	0.202
160.0	8.972	34.051	26.382	166.58	0.358	0.215
180.0	8.782	34.098	26.450	160.56	0.390	0.222
200.0	8.671	34.116	26.481	157.92	0.422	0.218
250.0	8.200	34.180	26.604	147.00	0.499	0.196
300.0	7.995	34.208	26.657	142.76	0.571	0.187
343.5	7.224	34.172	26.740	135.11	0.632	0.047

STATION: 5 DATE: 1/18/90 0300 GMT

LAT: 36 20.3 N. LON: 122 8.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.361	33.446	25.118	283.57	0.000	0.545
5.0	13.361	33.446	25.118	283.71	0.014	0.545
10.0	13.387	33.446	25.113	284.32	0.028	0.550
15.0	13.375	33.445	25.115	284.25	0.043	0.547
20.0	13.365	33.447	25.118	284.08	0.057	0.546
25.0	13.343	33.444	25.120	284.00	0.071	0.539
30.0	13.342	33.450	25.125	283.66	0.085	0.544
40.0	12.987	33.425	25.177	278.99	0.113	0.451
50.0	11.486	33.320	25.381	259.68	0.140	0.074
60.0	11.551	33.510	25.518	246.98	0.165	0.238
70.0	11.104	33.550	25.630	236.51	0.189	0.186
80.0	10.890	33.643	25.741	226.20	0.213	0.220
100.0	9.722	33.654	25.950	206.58	0.256	0.025
120.0	9.320	33.868	26.183	184.78	0.294	0.127
140.0	8.848	33.913	26.293	174.58	0.330	0.087
160.0	8.649	33.951	26.355	169.09	0.365	0.085
180.0	8.586	34.053	26.445	160.94	0.398	0.156
200.0	8.613	34.117	26.491	156.96	0.429	0.210
250.0	8.305	34.189	26.595	147.90	0.505	0.219
300.0	7.862	34.224	26.689	139.63	0.577	0.180
350.0	7.165	34.205	26.774	131.96	0.645	0.064
400.0	6.711	34.239	26.864	123.93	0.709	0.029
450.0	6.325	34.240	26.916	119.37	0.769	-0.022
500.0	6.075	34.244	26.951	116.48	0.828	-0.051
550.0	5.591	34.264	27.028	109.36	0.884	-0.095
600.0	5.266	34.296	27.092	103.48	0.937	-0.109
650.0	5.185	34.300	27.105	102.72	0.988	-0.116
693.8	5.148	34.305	27.114	102.38	1.033	-0.116

STATION: 6 DATE: 1/18/90 0418 GMT

LAT: 36 20.4 N. LON: 122 13.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.2	13.533	33.449	25.085	286.67	0.001	0.583
5.0	13.518	33.464	25.100	285.41	0.014	0.592
10.0	13.524	33.462	25.097	285.77	0.029	0.592
15.0	13.529	33.463	25.097	285.94	0.043	0.593
20.0	13.533	33.464	25.097	286.08	0.057	0.595
25.0	13.535	33.463	25.096	286.30	0.071	0.594
30.0	13.534	33.462	25.096	286.46	0.086	0.593
40.0	13.522	33.462	25.099	286.50	0.114	0.590
50.0	12.917	33.467	25.224	274.80	0.143	0.470
60.0	11.398	33.432	25.485	250.08	0.169	0.147
70.0	10.546	33.490	25.682	231.51	0.193	0.038
80.0	10.621	33.522	25.694	230.60	0.217	0.076
100.0	10.012	33.665	25.910	210.44	0.260	0.083
120.0	9.697	33.761	26.038	198.64	0.301	0.105
140.0	9.223	33.861	26.194	184.12	0.339	0.106
160.0	8.783	33.922	26.311	173.25	0.375	0.083
180.0	8.549	33.978	26.392	165.92	0.408	0.091
200.0	8.222	34.028	26.481	157.74	0.441	0.080
250.0	7.772	34.085	26.592	147.84	0.517	0.058
300.0	7.669	34.194	26.694	139.08	0.589	0.128
350.0	7.163	34.210	26.779	131.54	0.657	0.068
400.0	6.632	34.211	26.852	124.92	0.721	-0.004
450.0	6.123	34.195	26.906	120.08	0.782	-0.083
500.0	5.953	34.253	26.974	114.20	0.840	-0.059
550.0	5.725	34.282	27.026	109.72	0.896	-0.065
600.0	5.406	34.308	27.085	104.32	0.950	-0.083
650.0	5.124	34.345	27.148	98.62	1.001	-0.087
700.0	4.969	34.373	27.188	95.16	1.049	-0.083
750.0	4.854	34.387	27.213	93.24	1.096	-0.086
800.0	4.670	34.390	27.236	91.25	1.143	-0.104
943.8	4.139	34.434	27.329	82.92	1.266	-0.127

STATION: 7 DATE: 1/18/90 0518 GMT

LAT: 36 20.2 N. LON: 122 15.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.548	33.460	25.091	286.14	0.000	0.595
5.0	13.548	33.460	25.091	286.27	0.014	0.595
10.0	13.548	33.460	25.091	286.39	0.029	0.595
15.0	13.557	33.459	25.088	286.81	0.043	0.596
20.0	13.558	33.458	25.088	286.99	0.057	0.595
25.0	13.558	33.458	25.088	287.11	0.072	0.595
30.0	13.559	33.455	25.085	287.48	0.086	0.593
40.0	13.398	33.436	25.104	286.02	0.115	0.544
50.0	10.796	33.354	25.531	245.35	0.141	-0.026
60.0	10.372	33.396	25.638	235.42	0.165	-0.068
70.0	10.284	33.475	25.715	228.31	0.188	-0.021
80.0	10.153	33.567	25.809	219.56	0.211	0.030
100.0	9.641	33.671	25.976	204.07	0.253	0.024
120.0	9.272	33.827	26.159	187.07	0.292	0.087
140.0	8.818	33.945	26.324	171.71	0.328	0.108
160.0	8.468	34.009	26.428	162.11	0.361	0.103
180.0	8.203	34.031	26.485	156.93	0.393	0.080
200.0	8.164	34.063	26.517	154.31	0.424	0.099
250.0	7.698	34.090	26.608	146.37	0.499	0.051
300.0	7.268	34.099	26.676	140.47	0.571	-0.004
350.0	7.146	34.166	26.746	134.60	0.640	0.031
400.0	6.890	34.218	26.823	127.93	0.706	0.036
450.0	6.582	34.230	26.875	123.53	0.768	0.004
500.0	6.039	34.243	26.955	116.07	0.829	-0.056
550.0	5.590	34.275	27.036	108.53	0.885	-0.087
600.0	5.185	34.294	27.100	102.61	0.938	-0.120
650.0	5.001	34.317	27.140	99.15	0.988	-0.123
700.0	4.928	34.374	27.194	94.60	1.036	-0.087
750.0	4.749	34.397	27.232	91.21	1.083	-0.089
800.0	4.590	34.404	27.256	89.25	1.128	-0.102
999.8	3.999	34.453	27.359	80.32	1.299	-0.126

STATION: 8 DATE: 1/18/90 0848 GMT

LAT: 36 20.0 N. LON: 122 19.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.427	33.427	25.090	286.24	0.000	0.544
5.0	13.429	33.427	25.089	286.43	0.014	0.544
10.0	13.432	33.427	25.089	286.61	0.029	0.545
15.0	13.434	33.426	25.088	286.80	0.043	0.544
20.0	13.434	33.427	25.089	286.87	0.057	0.545
25.0	13.434	33.427	25.089	287.01	0.072	0.544
30.0	13.432	33.428	25.090	287.02	0.086	0.545
40.0	13.409	33.426	25.094	286.95	0.115	0.538
50.0	11.280	33.367	25.455	252.67	0.142	0.073
60.0	10.804	33.393	25.561	242.77	0.167	0.007
70.0	10.136	33.462	25.730	226.86	0.190	-0.057
80.0	9.855	33.559	25.853	215.35	0.212	-0.028
100.0	9.192	33.739	26.102	191.99	0.253	0.005
120.0	9.032	33.834	26.203	182.83	0.291	0.054
140.0	8.746	33.939	26.329	171.12	0.326	0.091
160.0	8.549	34.021	26.425	162.39	0.359	0.125
180.0	8.335	34.058	26.487	156.84	0.391	0.121
200.0	8.177	34.073	26.523	153.76	0.422	0.109
250.0	7.749	34.110	26.616	145.65	0.497	0.074
300.0	7.197	34.153	26.729	135.48	0.567	0.029
350.0	6.995	34.207	26.799	129.46	0.633	0.042
400.0	6.644	34.218	26.856	124.57	0.697	0.003
450.0	6.292	34.236	26.917	119.24	0.758	-0.029
500.0	5.673	34.221	26.983	113.00	0.816	-0.119
550.0	5.458	34.261	27.042	107.87	0.871	-0.113
600.0	5.393	34.298	27.079	104.92	0.924	-0.092
650.0	5.196	34.330	27.128	100.63	0.976	-0.091
700.0	5.004	34.369	27.181	95.90	1.024	-0.082
750.0	4.739	34.395	27.232	91.22	1.071	-0.092
800.0	4.522	34.403	27.262	88.51	1.116	-0.110
963.4	4.148	34.428	27.324	83.64	1.255	-0.130

STATION: 9 DATE: 1/18/90 0953 GMT

LAT: 36 20.2 N. LON: 122 22.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.371	33.428	25.102	285.09	0.000	0.533
5.0	13.373	33.428	25.102	285.24	0.014	0.533
10.0	13.371	33.428	25.102	285.34	0.029	0.533
15.0	13.371	33.429	25.103	285.42	0.043	0.533
20.0	13.376	33.428	25.101	285.68	0.057	0.534
25.0	13.377	33.428	25.101	285.83	0.071	0.534
30.0	13.376	33.428	25.101	285.95	0.086	0.533
40.0	13.366	33.423	25.100	286.36	0.114	0.527
50.0	13.081	33.381	25.125	284.23	0.143	0.435
60.0	11.558	33.320	25.368	261.18	0.170	0.088
70.0	10.530	33.383	25.600	239.21	0.195	-0.051
80.0	10.454	33.467	25.680	231.90	0.218	0.003
100.0	9.361	33.663	26.016	200.24	0.261	-0.028
120.0	8.962	33.851	26.227	180.54	0.298	0.056
140.0	8.786	33.947	26.330	171.08	0.334	0.104
160.0	8.544	34.015	26.421	162.80	0.367	0.119
180.0	8.359	34.055	26.481	157.39	0.399	0.123
200.0	8.108	34.083	26.541	151.97	0.430	0.107
250.0	7.679	34.119	26.633	143.99	0.504	0.071
300.0	7.284	34.151	26.714	136.87	0.574	0.039
350.0	6.970	34.197	26.795	129.82	0.640	0.032
400.0	6.657	34.226	26.861	124.16	0.704	0.011
450.0	6.141	34.231	26.932	117.63	0.764	-0.052
500.0	5.801	34.255	26.994	112.09	0.821	-0.076
550.0	5.270	34.261	27.063	105.55	0.876	-0.135
600.0	5.204	34.309	27.110	101.74	0.928	-0.106
650.0	5.148	34.352	27.151	98.39	0.978	-0.079
700.0	5.015	34.370	27.181	95.96	1.026	-0.080
750.0	4.771	34.382	27.218	92.59	1.074	-0.099
800.0	4.586	34.404	27.256	89.20	1.119	-0.102
1000.0	4.061	34.447	27.348	81.51	1.289	-0.125
1200.0	3.566	34.488	27.431	74.16	1.446	-0.143
1221.9	3.543	34.490	27.435	73.90	1.462	-0.143

STATION: 10 DATE: 1/18/90 1418 GMT

LAT: 36 20.1 N. LON: 122 25.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.060	33.325	25.084	286.76	0.000	0.388
5.0	13.056	33.322	25.082	287.06	0.014	0.384
10.0	13.051	33.325	25.086	286.83	0.029	0.386
15.0	13.062	33.324	25.083	287.23	0.043	0.387
20.0	13.056	33.324	25.085	287.25	0.057	0.386
25.0	13.064	33.324	25.083	287.53	0.072	0.387
30.0	13.063	33.324	25.084	287.61	0.086	0.387
40.0	13.065	33.324	25.083	287.91	0.115	0.387
50.0	13.055	33.322	25.084	288.07	0.144	0.383
60.0	11.146	33.256	25.394	258.72	0.171	-0.040
70.0	10.000	33.322	25.644	235.01	0.196	-0.192
80.0	9.777	33.411	25.750	225.08	0.219	-0.159
100.0	9.430	33.564	25.927	208.68	0.262	-0.096
120.0	9.180	33.778	26.135	189.25	0.302	0.033
140.0	8.914	33.931	26.297	174.22	0.338	0.112
160.0	8.600	34.009	26.408	164.04	0.371	0.124
180.0	8.295	34.051	26.488	156.76	0.403	0.110
200.0	7.999	34.084	26.558	150.37	0.434	0.091
250.0	7.716	34.124	26.631	144.16	0.508	0.080
300.0	7.191	34.142	26.720	136.24	0.578	0.019
350.0	6.931	34.182	26.789	130.42	0.644	0.014
400.0	6.561	34.215	26.865	123.68	0.707	-0.010
450.0	6.409	34.264	26.924	118.71	0.768	0.008
500.0	5.868	34.262	26.991	112.46	0.826	-0.063
550.0	5.474	34.293	27.065	105.73	0.880	-0.087
600.0	5.186	34.320	27.121	100.69	0.932	-0.099
650.0	5.131	34.360	27.159	97.58	0.981	-0.074
700.0	4.998	34.377	27.188	95.24	1.029	-0.077
750.0	4.759	34.384	27.221	92.28	1.076	-0.098
800.0	4.563	34.397	27.253	89.43	1.122	-0.110
1000.0	3.898	34.460	27.375	78.59	1.289	-0.131
1200.0	3.329	34.504	27.467	70.17	1.438	-0.152
1400.0	2.995	34.535	27.523	65.28	1.573	-0.159
1600.0	2.665	34.562	27.575	60.55	1.700	-0.168
1692.0	2.441	34.580	27.609	57.05	1.753	-0.173

STATION: 11 DATE: 1/18/90 1936 GMT

LAT: 36 20.1 N. LON: 122 28.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.847	33.206	25.034	291.53	0.000	0.250
5.0	12.852	33.206	25.033	291.76	0.015	0.251
10.0	12.825	33.204	25.037	291.51	0.029	0.244
15.0	12.821	33.204	25.038	291.55	0.044	0.243
20.0	12.824	33.209	25.041	291.37	0.058	0.247
25.0	12.840	33.224	25.050	290.69	0.073	0.262
30.0	12.866	33.243	25.059	289.91	0.087	0.282
40.0	12.162	33.214	25.173	279.28	0.116	0.119
50.0	9.641	33.099	25.528	245.51	0.142	-0.431
60.0	9.530	33.228	25.647	234.39	0.166	-0.346
70.0	9.453	33.435	25.822	218.02	0.188	-0.194
80.0	9.506	33.613	25.953	205.81	0.209	-0.043
100.0	9.210	33.783	26.134	188.98	0.248	0.043
120.0	8.791	33.861	26.261	177.20	0.285	0.037
140.0	8.773	33.987	26.363	167.92	0.319	0.134
160.0	8.691	34.009	26.393	165.44	0.353	0.138
180.0	8.447	34.043	26.458	159.61	0.385	0.126
200.0	8.197	34.078	26.524	153.67	0.417	0.116
250.0	7.693	34.119	26.631	144.17	0.491	0.073
300.0	7.222	34.142	26.716	136.65	0.561	0.023
350.0	6.807	34.140	26.772	131.86	0.628	-0.036
400.0	6.443	34.200	26.868	123.27	0.692	-0.038
450.0	5.865	34.174	26.922	118.31	0.753	-0.132
500.0	5.959	34.264	26.982	113.48	0.810	-0.050
550.0	5.506	34.258	27.033	108.73	0.866	-0.110
600.0	5.309	34.307	27.096	103.20	0.919	-0.095
650.0	5.119	34.340	27.144	98.95	0.969	-0.092
700.0	4.809	34.352	27.190	94.78	1.018	-0.118
750.0	4.618	34.378	27.232	91.01	1.064	-0.118
800.0	4.507	34.399	27.261	88.61	1.109	-0.114
1000.0	3.790	34.457	27.383	77.54	1.275	-0.144
1200.0	3.390	34.503	27.460	70.96	1.424	-0.147
1400.0	2.951	34.538	27.530	64.53	1.559	-0.161
1600.0	2.586	34.568	27.586	59.19	1.683	-0.170
1800.0	2.302	34.592	27.630	55.05	1.796	-0.175
1862.4	2.251	34.596	27.638	54.42	1.830	-0.176

STATION: 12 DATE: 1/19/90 0218 GMT

LAT: 36 20.0 N. LON: 122 33.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.850	33.191	25.022	292.70	0.000	0.239
5.0	12.849	33.190	25.021	292.87	0.015	0.238
10.0	12.850	33.190	25.021	293.02	0.029	0.238
15.0	12.841	33.188	25.022	293.09	0.044	0.234
20.0	12.792	33.188	25.031	292.33	0.059	0.224
25.0	12.774	33.186	25.033	292.25	0.073	0.219
30.0	12.763	33.185	25.035	292.25	0.088	0.215
40.0	12.743	33.182	25.037	292.31	0.117	0.209
50.0	12.193	33.214	25.168	280.08	0.146	0.126
60.0	10.475	33.351	25.585	240.43	0.172	-0.086
70.0	9.481	33.480	25.853	215.11	0.194	-0.153
80.0	9.413	33.543	25.913	209.57	0.216	-0.115
100.0	9.396	33.709	26.046	197.36	0.256	0.014
120.0	9.023	33.913	26.266	176.86	0.294	0.115
140.0	8.807	34.001	26.369	167.42	0.328	0.150
160.0	8.509	34.051	26.455	159.58	0.361	0.143
180.0	8.330	34.084	26.508	154.84	0.392	0.141
200.0	8.062	34.081	26.546	151.49	0.423	0.098
250.0	7.602	34.134	26.656	141.75	0.496	0.072
300.0	7.046	34.127	26.729	135.32	0.565	-0.013
350.0	6.580	34.128	26.793	129.72	0.631	-0.076
400.0	6.025	34.117	26.856	123.99	0.695	-0.157
450.0	5.830	34.160	26.915	118.88	0.756	-0.147
500.0	5.583	34.200	26.977	113.43	0.813	-0.146
550.0	5.416	34.245	27.033	108.57	0.869	-0.131
600.0	5.223	34.288	27.091	103.54	0.922	-0.120
650.0	5.050	34.328	27.143	98.96	0.973	-0.109
700.0	4.849	34.352	27.185	95.25	1.021	-0.113
750.0	4.616	34.369	27.225	91.63	1.068	-0.125
800.0	4.347	34.391	27.272	87.28	1.113	-0.138
1000.0	3.782	34.462	27.388	77.08	1.276	-0.141
1200.0	3.371	34.506	27.464	70.51	1.423	-0.147
1400.0	2.967	34.535	27.526	64.95	1.559	-0.162
1600.0	2.606	34.564	27.582	59.70	1.683	-0.171
1800.0	2.310	34.586	27.625	55.57	1.799	-0.179
2000.0	2.044	34.616	27.671	51.05	1.906	-0.177
2200.0	1.924	34.629	27.692	49.40	2.006	-0.177
2266.2	1.893	34.635	27.700	48.84	2.039	-0.175

STATION: 13 DATE: 1/19/90 0418 GMT

LAT: 36 20.1 N. LON: 122 35.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.775	33.183	25.030	291.89	0.000	0.217
5.0	12.776	33.184	25.031	291.98	0.015	0.218
10.0	12.779	33.185	25.031	292.07	0.029	0.219
15.0	12.778	33.183	25.030	292.26	0.044	0.218
20.0	12.749	33.183	25.036	291.88	0.058	0.211
25.0	12.739	33.184	25.039	291.74	0.073	0.210
30.0	12.731	33.184	25.040	291.70	0.088	0.208
40.0	12.675	33.190	25.056	290.47	0.117	0.202
50.0	11.042	33.312	25.455	252.65	0.144	-0.015
60.0	9.723	33.454	25.792	220.68	0.168	-0.134
70.0	9.578	33.522	25.869	213.54	0.189	-0.104
80.0	9.340	33.623	25.988	202.48	0.210	-0.063
100.0	9.183	33.757	26.117	190.54	0.250	0.017
120.0	8.986	33.929	26.284	175.10	0.286	0.122
140.0	8.728	34.001	26.381	166.23	0.320	0.138
160.0	8.567	34.063	26.455	159.56	0.353	0.161
180.0	8.192	34.073	26.520	153.64	0.384	0.111
200.0	8.034	34.083	26.552	150.93	0.415	0.095
250.0	7.467	34.116	26.661	141.22	0.487	0.038
300.0	6.840	34.104	26.739	134.23	0.556	-0.059
350.0	6.744	34.153	26.791	130.02	0.622	-0.034
400.0	6.285	34.173	26.867	123.19	0.685	-0.079
450.0	5.942	34.190	26.925	118.07	0.746	-0.109
500.0	5.714	34.236	26.990	112.36	0.804	-0.102
550.0	5.357	34.260	27.052	106.73	0.858	-0.126
600.0	5.148	34.284	27.096	102.90	0.910	-0.132
650.0	5.026	34.326	27.144	98.82	0.961	-0.113
700.0	4.815	34.351	27.188	94.92	1.009	-0.118
750.0	4.577	34.372	27.232	90.96	1.056	-0.127
800.0	4.393	34.393	27.269	87.68	1.100	-0.131
1000.0	3.756	34.458	27.387	77.07	1.265	-0.146
1200.0	3.341	34.505	27.466	70.23	1.412	-0.150
1400.0	2.932	34.533	27.527	64.68	1.547	-0.166
1600.0	2.586	34.564	27.583	59.47	1.671	-0.173
1800.0	2.272	34.589	27.631	54.90	1.785	-0.180
2000.0	2.074	34.610	27.664	51.85	1.892	-0.180
2200.0	1.893	34.630	27.695	48.95	1.992	-0.179
2400.0	1.792	34.645	27.716	47.32	2.088	-0.175
2600.0	1.695	34.657	27.734	45.87	2.181	-0.174
2657.7	1.685	34.659	27.737	45.78	2.208	-0.174

STATION: 14 DATE: 1/19/90 1359 GMT

LAT: 36 20.1 N. LON: 122 39.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.748	33.185	25.037	291.24	0.000	0.213
5.0	12.741	33.186	25.039	291.15	0.015	0.213
10.0	12.741	33.186	25.039	291.28	0.029	0.212
15.0	12.745	33.186	25.039	291.46	0.044	0.213
20.0	12.747	33.186	25.039	291.62	0.058	0.213
25.0	12.751	33.187	25.039	291.75	0.073	0.215
30.0	12.752	33.186	25.038	291.95	0.087	0.214
40.0	12.741	33.187	25.041	291.89	0.117	0.213
50.0	12.281	33.243	25.173	279.62	0.146	0.166
60.0	10.268	33.412	25.668	232.50	0.171	-0.073
70.0	9.880	33.476	25.784	221.71	0.194	-0.089
80.0	9.539	33.580	25.921	208.81	0.215	-0.064
100.0	8.968	33.661	26.077	194.36	0.256	-0.093
120.0	9.082	33.880	26.230	180.21	0.293	0.098
140.0	8.885	33.966	26.329	171.20	0.328	0.135
160.0	8.685	34.037	26.416	163.29	0.361	0.159
180.0	8.419	34.073	26.486	156.97	0.393	0.146
200.0	8.080	34.078	26.541	151.96	0.424	0.098
250.0	7.362	34.075	26.643	142.83	0.498	-0.010
300.0	7.212	34.152	26.725	135.79	0.568	0.030
350.0	6.994	34.200	26.794	129.98	0.634	0.037
400.0	6.347	34.182	26.867	123.31	0.697	-0.064
450.0	6.024	34.204	26.926	118.09	0.758	-0.088
500.0	5.806	34.243	26.984	113.05	0.815	-0.085
550.0	5.399	34.254	27.042	107.70	0.871	-0.126
600.0	5.196	34.294	27.099	102.75	0.923	-0.119
650.0	5.055	34.321	27.137	99.55	0.974	-0.114
700.0	4.813	34.348	27.186	95.10	1.022	-0.120
750.0	4.558	34.366	27.229	91.19	1.069	-0.134
800.0	4.382	34.394	27.270	87.48	1.114	-0.132
1000.0	3.847	34.455	27.376	78.36	1.280	-0.140
1200.0	3.357	34.505	27.465	70.40	1.427	-0.149
1400.0	2.935	34.536	27.530	64.50	1.562	-0.164
1600.0	2.575	34.564	27.584	59.34	1.686	-0.174
1800.0	2.272	34.592	27.633	54.68	1.800	-0.177
2000.0	2.045	34.616	27.671	51.06	1.906	-0.177
2200.0	1.900	34.631	27.696	48.97	2.006	-0.177
2400.0	1.802	34.644	27.715	47.52	2.102	-0.176
2600.0	1.732	34.654	27.729	46.58	2.196	-0.174
2800.0	1.670	34.661	27.740	45.89	2.288	-0.174
3000.0	1.625	34.666	27.749	45.55	2.380	-0.175
3145.8	1.595	34.669	27.754	45.34	2.446	-0.175

STATION: 15 DATE: 1/19/90 2131 GMT

LAT: 36 20.0 N. LON: 122 42.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.801	33.198	25.037	291.27	0.000	0.234
5.0	12.794	33.198	25.038	291.25	0.015	0.233
10.0	12.773	33.197	25.041	291.09	0.029	0.227
15.0	12.751	33.195	25.045	290.89	0.044	0.222
20.0	12.748	33.195	25.046	290.95	0.058	0.221
25.0	12.745	33.196	25.047	290.96	0.073	0.221
30.0	12.745	33.196	25.047	291.09	0.087	0.221
40.0	12.741	33.212	25.061	290.04	0.116	0.233
50.0	11.622	33.319	25.356	262.13	0.144	0.100
60.0	10.009	33.400	25.702	229.24	0.169	-0.128
70.0	9.526	33.430	25.806	219.52	0.191	-0.186
80.0	9.493	33.627	25.966	204.56	0.212	-0.034
100.0	9.017	33.775	26.158	186.67	0.251	0.005
120.0	8.578	33.833	26.272	176.11	0.287	-0.019
140.0	8.309	33.923	26.384	165.80	0.321	0.011
160.0	8.216	34.014	26.470	158.01	0.354	0.069
180.0	8.231	34.062	26.506	154.98	0.385	0.109
200.0	7.907	34.088	26.575	148.70	0.416	0.081
250.0	7.598	34.147	26.666	140.76	0.488	0.081
300.0	7.107	34.148	26.737	134.64	0.557	0.012
350.0	6.581	34.149	26.810	128.13	0.623	-0.059
400.0	5.875	34.126	26.882	121.36	0.685	-0.168
450.0	5.928	34.208	26.941	116.56	0.744	-0.097
500.0	5.728	34.245	26.996	111.87	0.801	-0.093
550.0	5.515	34.291	27.058	106.37	0.856	-0.083
600.0	5.162	34.299	27.107	101.95	0.908	-0.119
650.0	4.974	34.328	27.152	98.02	0.958	-0.117
700.0	4.751	34.348	27.193	94.36	1.006	-0.127
750.0	4.582	34.364	27.225	91.62	1.052	-0.133
800.0	4.408	34.391	27.265	88.00	1.097	-0.131
1000.0	3.817	34.456	27.380	77.93	1.262	-0.142
1200.0	3.334	34.507	27.469	69.99	1.410	-0.149
1400.0	2.945	34.534	27.527	64.76	1.544	-0.164
1600.0	2.591	34.563	27.582	59.60	1.669	-0.173
1800.0	2.312	34.590	27.628	55.31	1.783	-0.176
2000.0	2.074	34.614	27.667	51.56	1.890	-0.176
2200.0	1.915	34.630	27.694	49.23	1.991	-0.177
2400.0	1.805	34.645	27.715	47.48	2.088	-0.174
2600.0	1.755	34.652	27.726	47.03	2.182	-0.174
2800.0	1.700	34.658	27.736	46.52	2.276	-0.174
3000.0	1.636	34.665	27.747	45.77	2.368	-0.175
3161.8	1.589	34.670	27.756	45.23	2.442	-0.175

STATION: 16 DATE: 1/20/90 0200 GMT

LAT: 36 20.1 N. LON: 122 48.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.784	33.231	25.066	288.52	0.000	0.257
5.0	12.784	33.230	25.065	288.70	0.014	0.256
10.0	12.783	33.232	25.067	288.69	0.029	0.257
15.0	12.800	33.235	25.066	288.85	0.043	0.263
20.0	12.800	33.235	25.066	289.00	0.058	0.263
25.0	12.804	33.236	25.066	289.11	0.072	0.264
30.0	12.802	33.237	25.067	289.14	0.087	0.265
40.0	12.788	33.241	25.074	288.78	0.116	0.265
50.0	12.214	33.267	25.204	276.59	0.144	0.171
60.0	10.014	33.361	25.672	232.15	0.170	-0.158
70.0	9.772	33.491	25.813	218.91	0.192	-0.096
80.0	9.523	33.599	25.939	207.13	0.213	-0.052
100.0	9.211	33.731	26.093	192.84	0.253	0.002
120.0	8.620	33.826	26.261	177.22	0.291	-0.017
140.0	8.372	33.902	26.359	168.25	0.325	0.004
160.0	8.137	33.962	26.441	160.75	0.358	0.015
180.0	7.955	34.016	26.511	154.40	0.389	0.031
200.0	7.759	34.032	26.552	150.77	0.420	0.015
250.0	7.095	34.052	26.663	140.82	0.493	-0.064
300.0	6.610	34.066	26.739	134.03	0.561	-0.120
350.0	6.287	34.120	26.825	126.44	0.626	-0.120
400.0	6.051	34.146	26.876	122.14	0.688	-0.130
450.0	5.818	34.208	26.955	115.18	0.748	-0.111
500.0	5.492	34.229	27.011	110.13	0.804	-0.134
550.0	5.303	34.263	27.061	105.83	0.858	-0.130
600.0	5.242	34.305	27.102	102.50	0.910	-0.104
650.0	5.028	34.331	27.148	98.47	0.960	-0.109
700.0	4.719	34.342	27.192	94.41	1.008	-0.135
750.0	4.592	34.369	27.227	91.38	1.055	-0.128
800.0	4.457	34.394	27.262	88.38	1.100	-0.124
1000.0	3.832	34.456	27.378	78.12	1.266	-0.141
1200.0	3.323	34.505	27.468	70.01	1.414	-0.152
1400.0	2.975	34.539	27.528	64.74	1.548	-0.158
1600.0	2.554	34.569	27.590	58.72	1.671	-0.171
1800.0	2.239	34.594	27.637	54.14	1.783	-0.178
2000.0	2.034	34.616	27.672	50.92	1.888	-0.178
2200.0	1.909	34.633	27.697	48.93	1.988	-0.175
2400.0	1.805	34.645	27.715	47.48	2.084	-0.174
2600.0	1.735	34.654	27.729	46.61	2.178	-0.174
2800.0	1.678	34.661	27.740	46.01	2.271	-0.174
3000.0	1.635	34.666	27.748	45.69	2.363	-0.174
3100.3	1.618	34.668	27.752	45.60	2.408	-0.174

STATION: 17 DATE: 1/20/90 1506 GMT

LAT: 36 20.2 N. LON: 122 55.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.693	33.215	25.071	288.01	0.000	0.226
5.0	12.696	33.215	25.071	288.18	0.014	0.227
10.0	12.697	33.214	25.070	288.39	0.029	0.226
15.0	12.698	33.213	25.069	288.58	0.043	0.225
20.0	12.699	33.215	25.070	288.60	0.058	0.227
25.0	12.702	33.215	25.070	288.79	0.072	0.227
30.0	12.703	33.215	25.070	288.89	0.087	0.227
40.0	12.698	33.215	25.071	289.04	0.115	0.226
50.0	11.038	33.155	25.333	264.19	0.144	-0.140
60.0	9.821	33.189	25.569	241.85	0.169	-0.328
70.0	9.597	33.300	25.693	230.28	0.193	-0.278
80.0	9.643	33.530	25.865	214.13	0.215	-0.087
100.0	8.923	33.742	26.147	187.66	0.256	-0.036
120.0	8.539	33.840	26.284	174.97	0.292	-0.019
140.0	8.305	33.926	26.388	165.48	0.326	0.013
160.0	8.088	33.970	26.455	159.41	0.358	0.015
180.0	7.853	34.004	26.516	153.90	0.390	0.006
200.0	7.610	34.028	26.570	148.99	0.420	-0.011
250.0	7.308	34.071	26.648	142.35	0.493	-0.020
300.0	6.674	34.074	26.737	134.30	0.562	-0.105
350.0	6.386	34.128	26.818	127.15	0.627	-0.101
400.0	5.909	34.134	26.884	121.22	0.689	-0.157
450.0	5.778	34.184	26.941	116.43	0.749	-0.134
500.0	5.445	34.218	27.008	110.36	0.805	-0.149
550.0	5.313	34.267	27.063	105.67	0.859	-0.126
600.0	5.176	34.309	27.113	101.39	0.911	-0.109
650.0	4.971	34.330	27.154	97.84	0.961	-0.116
700.0	4.816	34.362	27.197	94.07	1.009	-0.109
750.0	4.499	34.366	27.235	90.47	1.055	-0.141
800.0	4.318	34.386	27.271	87.28	1.099	-0.144
1000.0	3.834	34.453	27.376	78.33	1.264	-0.142
1200.0	3.298	34.506	27.471	69.65	1.411	-0.153
1400.0	2.886	34.539	27.537	63.67	1.545	-0.165
1600.0	2.539	34.569	27.591	58.54	1.667	-0.173
1800.0	2.267	34.593	27.634	54.54	1.780	-0.177
2000.0	2.039	34.619	27.674	50.77	1.886	-0.175
2200.0	1.891	34.632	27.697	48.78	1.985	-0.177
2400.0	1.798	34.645	27.716	47.39	2.081	-0.175
2600.0	1.737	34.653	27.728	46.71	2.175	-0.174
2800.0	1.672	34.662	27.741	45.85	2.267	-0.173
3000.0	1.624	34.666	27.749	45.51	2.358	-0.174
3200.0	1.597	34.671	27.756	45.41	2.449	-0.174
3400.0	1.581	34.673	27.760	45.60	2.540	-0.175
3548.4	1.566	34.676	27.765	45.59	2.608	-0.174

STATION: 18 DATE: 1/21/90 0153 GMT

LAT: 36 20.3 N. LON: 123 2.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.834	33.282	25.095	285.69	0.000	0.308
5.0	12.832	33.281	25.095	285.82	0.014	0.307
10.0	12.819	33.278	25.096	285.92	0.029	0.302
15.0	12.743	33.268	25.103	285.40	0.043	0.278
20.0	12.722	33.273	25.111	284.72	0.057	0.278
25.0	12.725	33.277	25.113	284.64	0.071	0.281
30.0	12.734	33.284	25.117	284.40	0.086	0.288
40.0	11.448	33.198	25.293	267.87	0.114	-0.030
50.0	9.840	33.135	25.524	245.99	0.139	-0.369
60.0	9.840	33.309	25.660	233.24	0.163	-0.229
70.0	9.722	33.398	25.749	225.02	0.186	-0.179
80.0	9.773	33.536	25.849	215.72	0.208	-0.060
100.0	9.030	33.598	26.017	199.99	0.250	-0.134
120.0	8.797	33.785	26.201	182.95	0.287	-0.022
140.0	8.398	33.854	26.317	172.19	0.323	-0.030
160.0	8.116	33.961	26.443	160.52	0.356	0.011
180.0	7.826	33.987	26.506	154.77	0.388	-0.011
200.0	7.696	34.014	26.547	151.26	0.419	-0.009
250.0	7.106	34.048	26.658	141.30	0.492	-0.067
300.0	6.521	34.061	26.747	133.22	0.560	-0.136
350.0	6.602	34.195	26.843	125.01	0.625	-0.020
400.0	6.189	34.191	26.894	120.55	0.687	-0.077
450.0	5.702	34.190	26.954	115.06	0.746	-0.139
500.0	5.427	34.210	27.004	110.76	0.802	-0.157
550.0	5.166	34.241	27.060	105.77	0.856	-0.163
600.0	5.156	34.313	27.118	100.86	0.908	-0.108
650.0	5.009	34.349	27.164	96.94	0.957	-0.097
700.0	4.761	34.367	27.207	93.05	1.005	-0.111
750.0	4.580	34.394	27.249	89.36	1.050	-0.110
800.0	4.394	34.409	27.281	86.52	1.094	-0.119
1000.0	3.810	34.460	27.384	77.56	1.258	-0.139
1200.0	3.376	34.509	27.466	70.35	1.406	-0.144
1400.0	2.936	34.541	27.533	64.14	1.541	-0.160
1600.0	2.523	34.568	27.592	58.43	1.663	-0.175
1800.0	2.247	34.594	27.636	54.24	1.775	-0.178
2000.0	2.021	34.617	27.674	50.69	1.880	-0.178
2200.0	1.882	34.634	27.699	48.53	1.979	-0.176
2400.0	1.799	34.647	27.717	47.26	2.074	-0.173
2600.0	1.733	34.656	27.730	46.45	2.168	-0.172
2800.0	1.678	34.662	27.741	45.94	2.261	-0.173
3000.0	1.628	34.666	27.749	45.57	2.352	-0.174
3200.0	1.586	34.671	27.757	45.24	2.443	-0.175
3307.5	1.560	34.674	27.762	44.96	2.491	-0.175

STATION: 19 DATE: 1/21/90 0623 GMT

LAT: 36 15.7 N. LON: 123 11.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.806	33.291	25.108	284.50	0.000	0.309
5.0	12.805	33.292	25.109	284.49	0.014	0.310
10.0	12.796	33.291	25.110	284.56	0.028	0.307
15.0	12.808	33.300	25.115	284.22	0.043	0.317
20.0	12.841	33.325	25.128	283.13	0.057	0.343
25.0	12.849	33.331	25.131	282.94	0.071	0.349
30.0	12.875	33.342	25.135	282.73	0.085	0.363
40.0	12.860	33.342	25.138	282.71	0.113	0.360
50.0	10.440	33.212	25.483	249.95	0.140	-0.202
60.0	9.572	33.325	25.716	227.86	0.164	-0.262
70.0	9.597	33.476	25.831	217.23	0.187	-0.137
80.0	9.228	33.596	25.984	202.81	0.207	-0.103
100.0	8.718	33.699	26.145	187.81	0.246	-0.103
120.0	8.603	33.853	26.285	174.95	0.283	0.001
140.0	8.296	33.905	26.372	166.91	0.317	-0.005
160.0	7.995	33.937	26.442	160.55	0.350	-0.026
180.0	7.739	33.965	26.502	155.19	0.381	-0.042
200.0	7.559	34.008	26.562	149.72	0.412	-0.033
250.0	7.007	34.038	26.664	140.66	0.484	-0.088
300.0	6.370	34.045	26.754	132.48	0.553	-0.168
350.0	6.078	34.104	26.839	124.99	0.617	-0.160
400.0	5.937	34.169	26.908	118.98	0.678	-0.126
450.0	5.577	34.188	26.968	113.63	0.736	-0.156
500.0	5.527	34.260	27.031	108.27	0.792	-0.106
550.0	5.322	34.300	27.088	103.34	0.845	-0.099
600.0	5.157	34.324	27.127	100.06	0.896	-0.099
650.0	4.854	34.328	27.165	96.56	0.945	-0.131
700.0	4.679	34.354	27.206	93.03	0.992	-0.130
750.0	4.490	34.377	27.245	89.55	1.038	-0.133
800.0	4.313	34.403	27.285	85.99	1.082	-0.132
1000.0	3.813	34.461	27.384	77.52	1.245	-0.138
1200.0	3.352	34.506	27.466	70.27	1.392	-0.148
1400.0	2.878	34.535	27.534	63.90	1.525	-0.169
1600.0	2.548	34.565	27.587	58.95	1.647	-0.175
1800.0	2.256	34.595	27.637	54.27	1.760	-0.176
2000.0	2.052	34.613	27.668	51.36	1.866	-0.179
2200.0	1.897	34.631	27.696	48.93	1.966	-0.178
2400.0	1.810	34.642	27.712	47.76	2.063	-0.176
2600.0	1.735	34.653	27.728	46.69	2.157	-0.175
2800.0	1.674	34.660	27.739	46.02	2.250	-0.175
3000.0	1.634	34.665	27.748	45.74	2.341	-0.175
3200.0	1.599	34.670	27.755	45.49	2.433	-0.175
3341.8	1.554	34.675	27.764	44.89	2.497	-0.175

STATION: 20 DATE: 1/21/90 2218 GMT

LAT: 36 7.5 N. LON: 123 29.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.960	33.035	24.879	306.25	0.000	0.137
5.0	12.958	33.035	24.880	306.36	0.015	0.136
10.0	12.944	33.035	24.883	306.20	0.031	0.133
15.0	12.915	33.036	24.889	305.71	0.046	0.128
20.0	12.898	33.037	24.894	305.41	0.061	0.125
25.0	12.891	33.039	24.897	305.26	0.076	0.125
30.0	12.884	33.043	24.901	304.95	0.092	0.127
40.0	12.820	33.063	24.930	302.51	0.122	0.130
50.0	12.441	33.241	25.141	282.61	0.151	0.195
60.0	11.338	33.094	25.233	274.03	0.179	-0.134
70.0	9.933	32.922	25.342	263.62	0.206	-0.523
80.0	9.778	33.053	25.471	251.62	0.232	-0.445
100.0	9.488	33.377	25.771	223.42	0.280	-0.235
120.0	8.941	33.578	26.017	200.43	0.322	-0.164
140.0	8.376	33.739	26.230	180.47	0.360	-0.125
160.0	8.296	33.908	26.375	167.06	0.395	-0.003
180.0	7.989	33.960	26.462	159.09	0.428	-0.009
200.0	7.839	33.989	26.507	155.12	0.459	-0.008
250.0	7.087	33.982	26.608	145.98	0.534	-0.122
300.0	6.563	34.034	26.721	135.78	0.604	-0.151
350.0	6.385	34.097	26.794	129.45	0.671	-0.126
400.0	5.819	34.109	26.875	121.96	0.734	-0.188
450.0	5.440	34.140	26.946	115.55	0.793	-0.210
500.0	5.022	34.155	27.007	109.89	0.849	-0.247
550.0	4.990	34.230	27.071	104.42	0.903	-0.192
600.0	5.026	34.294	27.118	100.64	0.954	-0.138
650.0	4.865	34.331	27.166	96.48	1.003	-0.127
700.0	4.625	34.347	27.206	92.92	1.051	-0.142
750.0	4.460	34.367	27.241	89.91	1.096	-0.144
800.0	4.341	34.398	27.278	86.68	1.140	-0.133
1000.0	3.658	34.469	27.406	75.10	1.302	-0.147
1200.0	3.252	34.506	27.476	69.10	1.446	-0.158
1400.0	2.884	34.540	27.537	63.60	1.579	-0.165
1600.0	2.582	34.569	27.588	59.06	1.701	-0.169
1800.0	2.302	34.595	27.633	54.81	1.815	-0.172
2000.0	2.059	34.615	27.669	51.30	1.920	-0.177
2200.0	1.919	34.630	27.693	49.28	2.021	-0.177
2400.0	1.821	34.641	27.711	47.98	2.118	-0.176
2600.0	1.748	34.651	27.725	47.00	2.213	-0.175
2800.0	1.682	34.660	27.739	46.14	2.306	-0.174
3000.0	1.627	34.666	27.749	45.56	2.398	-0.174
3200.0	1.597	34.670	27.756	45.46	2.489	-0.175
3400.0	1.566	34.673	27.761	45.38	2.580	-0.176
3600.0	1.508	34.681	27.773	44.51	2.670	-0.175
3605.9	1.507	34.682	27.774	44.43	2.673	-0.174

STATION: 22 DATE: 1/22/90 1027 GMT

LAT: 35 45.7 N. LON: 124 12.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.130	33.024	24.837	310.26	0.000	0.163
5.0	13.132	33.025	24.837	310.38	0.016	0.164
10.0	13.141	33.024	24.835	310.71	0.031	0.165
15.0	13.142	33.024	24.835	310.84	0.047	0.165
20.0	13.142	33.024	24.835	310.97	0.062	0.165
25.0	13.144	33.024	24.835	311.12	0.078	0.165
30.0	13.141	33.024	24.836	311.18	0.093	0.164
40.0	13.143	33.024	24.836	311.46	0.124	0.164
50.0	13.107	33.028	24.846	310.75	0.156	0.160
60.0	12.349	33.276	25.186	278.56	0.185	0.205
70.0	12.431	33.371	25.245	273.28	0.212	0.297
80.0	11.039	33.128	25.313	266.84	0.239	-0.162
100.0	9.851	33.273	25.631	236.86	0.289	-0.257
120.0	9.669	33.476	25.820	219.28	0.335	-0.126
140.0	8.987	33.637	26.056	197.14	0.376	-0.110
160.0	8.685	33.804	26.233	180.58	0.414	-0.026
180.0	8.457	33.891	26.337	171.06	0.449	0.008
200.0	8.111	33.947	26.434	162.12	0.482	-0.001
250.0	7.691	34.040	26.569	150.02	0.560	0.010
300.0	7.005	34.036	26.663	141.55	0.633	-0.090
350.0	6.830	34.103	26.740	134.94	0.702	-0.062
400.0	6.252	34.127	26.836	126.12	0.767	-0.119
450.0	5.974	34.155	26.893	121.15	0.829	-0.134
500.0	5.375	34.177	26.984	112.50	0.887	-0.189
550.0	5.507	34.295	27.063	105.95	0.942	-0.080
600.0	5.167	34.318	27.121	100.59	0.994	-0.103
650.0	4.881	34.338	27.170	96.17	1.043	-0.120
700.0	4.564	34.355	27.219	91.58	1.089	-0.142
750.0	4.347	34.363	27.249	88.90	1.135	-0.159
800.0	4.218	34.403	27.295	84.86	1.178	-0.142
1000.0	3.691	34.474	27.406	75.12	1.338	-0.140
1200.0	3.227	34.518	27.487	67.95	1.480	-0.151
1400.0	2.926	34.545	27.538	63.73	1.612	-0.157
1600.0	2.598	34.572	27.589	59.02	1.734	-0.165
1800.0	2.292	34.594	27.633	54.77	1.848	-0.174
2000.0	2.081	34.613	27.666	51.72	1.954	-0.177
2200.0	1.922	34.630	27.693	49.32	2.056	-0.176
2400.0	1.826	34.642	27.711	47.97	2.153	-0.175
2600.0	1.742	34.652	27.727	46.85	2.248	-0.175
2800.0	1.662	34.661	27.741	45.79	2.340	-0.175
3000.0	1.617	34.666	27.750	45.43	2.432	-0.175
3200.0	1.585	34.670	27.756	45.29	2.522	-0.175
3400.0	1.555	34.676	27.765	45.01	2.613	-0.174
3600.0	1.531	34.680	27.771	44.93	2.702	-0.174
3800.0	1.512	34.684	27.777	44.89	2.792	-0.174
4000.0	1.484	34.690	27.785	44.55	2.882	-0.172
4017.1	1.482	34.689	27.785	44.64	2.890	-0.173

STATION: 21 DATE: 1/22/90 1853 GMT

LAT: 35 57.2 N. LON: 123 50.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.069	32.978	24.814	312.50	0.000	0.114
5.0	13.070	32.980	24.815	312.50	0.016	0.115
10.0	13.071	32.980	24.815	312.65	0.031	0.115
15.0	13.065	32.978	24.815	312.77	0.047	0.112
20.0	13.052	32.976	24.816	312.80	0.063	0.108
25.0	13.039	32.975	24.818	312.75	0.078	0.104
30.0	12.910	32.963	24.834	311.35	0.094	0.068
40.0	12.724	32.954	24.864	308.74	0.125	0.024
50.0	12.694	32.955	24.871	308.36	0.156	0.018
60.0	12.479	32.981	24.933	302.71	0.186	-0.004
70.0	10.828	32.935	25.200	277.27	0.215	-0.355
80.0	9.974	32.893	25.313	266.62	0.242	-0.540
100.0	9.888	33.145	25.525	246.92	0.294	-0.353
120.0	9.653	33.405	25.767	224.29	0.341	-0.185
140.0	9.215	33.624	26.009	201.61	0.384	-0.084
160.0	8.763	33.772	26.197	184.08	0.422	-0.039
180.0	8.546	33.861	26.300	174.61	0.458	-0.002
200.0	8.236	33.948	26.415	163.93	0.492	0.019
250.0	7.749	34.024	26.548	152.05	0.570	0.006
300.0	7.222	34.047	26.641	143.74	0.644	-0.052
350.0	6.842	34.098	26.734	135.47	0.714	-0.064
400.0	6.603	34.158	26.814	128.48	0.780	-0.049
450.0	5.870	34.149	26.901	120.23	0.842	-0.151
500.0	5.561	34.198	26.978	113.32	0.901	-0.151
550.0	5.273	34.230	27.038	107.91	0.956	-0.160
600.0	5.004	34.258	27.092	103.10	1.009	-0.169
650.0	4.861	34.312	27.152	97.85	1.060	-0.143
700.0	4.656	34.336	27.194	94.09	1.108	-0.147
750.0	4.493	34.370	27.239	90.14	1.154	-0.138
800.0	4.308	34.394	27.278	86.58	1.198	-0.139
1000.0	3.848	34.470	27.388	77.26	1.362	-0.128
1200.0	3.367	34.510	27.468	70.15	1.509	-0.144
1400.0	2.972	34.542	27.531	64.49	1.643	-0.156
1600.0	2.630	34.566	27.581	59.85	1.767	-0.167
1800.0	2.301	34.588	27.627	55.32	1.882	-0.178
2000.0	2.046	34.607	27.664	51.73	1.989	-0.184
2200.0	1.909	34.629	27.693	49.23	2.089	-0.178
2400.0	1.815	34.644	27.714	47.68	2.186	-0.175
2600.0	1.731	34.652	27.727	46.70	2.281	-0.176
2800.0	1.665	34.661	27.741	45.83	2.373	-0.174
3000.0	1.618	34.667	27.750	45.37	2.464	-0.174
3200.0	1.593	34.670	27.756	45.40	2.555	-0.175
3400.0	1.563	34.674	27.762	45.26	2.646	-0.175
3600.0	1.530	34.679	27.770	44.99	2.736	-0.175
3800.0	1.507	34.685	27.778	44.75	2.826	-0.173
3928.0	1.492	34.687	27.782	44.71	2.883	-0.173

STATION: 24 DATE: 1/23/90 0636 GMT

LAT: 36 36.1 N. LON: 122 28.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.819	33.290	25.105	284.82	0.000	0.311
5.0	12.824	33.289	25.103	285.10	0.014	0.311
10.0	12.824	33.289	25.103	285.24	0.029	0.311
15.0	12.824	33.287	25.102	285.47	0.043	0.309
20.0	12.818	33.288	25.104	285.44	0.057	0.308
25.0	12.822	33.288	25.103	285.63	0.071	0.310
30.0	12.819	33.288	25.104	285.68	0.086	0.309
40.0	12.738	33.275	25.110	285.33	0.114	0.282
50.0	10.757	33.088	25.331	264.37	0.142	-0.245
60.0	10.312	33.257	25.540	244.69	0.167	-0.189
70.0	9.796	33.334	25.687	230.89	0.191	-0.217
80.0	9.458	33.436	25.822	218.17	0.213	-0.192
100.0	9.162	33.673	26.055	196.46	0.254	-0.053
120.0	8.900	33.872	26.253	178.05	0.292	0.063
140.0	8.640	33.960	26.363	167.94	0.326	0.091
160.0	8.461	34.027	26.443	160.66	0.359	0.116
180.0	8.224	34.048	26.496	155.94	0.391	0.097
200.0	8.158	34.060	26.515	154.44	0.422	0.096
250.0	7.637	34.083	26.610	146.07	0.497	0.036
300.0	7.147	34.117	26.707	137.45	0.568	-0.007
350.0	7.015	34.199	26.790	130.34	0.635	0.039
400.0	6.774	34.238	26.855	124.82	0.699	0.037
450.0	6.240	34.229	26.918	119.07	0.760	-0.041
500.0	5.993	34.267	26.980	113.67	0.818	-0.043
550.0	5.590	34.269	27.032	108.95	0.873	-0.091
600.0	5.350	34.308	27.092	103.64	0.927	-0.090
650.0	5.142	34.336	27.139	99.53	0.977	-0.092
700.0	4.937	34.369	27.189	95.08	1.026	-0.090
750.0	4.762	34.381	27.218	92.56	1.073	-0.100
800.0	4.584	34.400	27.254	89.47	1.118	-0.105
1000.0	3.950	34.451	27.362	79.87	1.287	-0.133
1200.0	3.409	34.504	27.459	71.10	1.437	-0.145
1400.0	3.025	34.535	27.521	65.64	1.573	-0.157
1600.0	2.657	34.563	27.577	60.39	1.699	-0.168
1800.0	2.278	34.594	27.634	54.61	1.814	-0.175
2000.0	2.107	34.611	27.662	52.19	1.921	-0.176
2200.0	1.902	34.633	27.697	48.85	2.022	-0.176
2400.0	1.797	34.647	27.717	47.23	2.117	-0.173
2600.0	1.709	34.655	27.731	46.20	2.211	-0.175
2800.0	1.684	34.660	27.739	46.15	2.303	-0.174
2942.2	1.637	34.665	27.747	45.60	2.368	-0.174

STATION: 26 DATE: 1/23/90 1123 GMT

LAT: 36 36.9 N. LON: 122 9.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.953	33.444	25.197	275.98	0.000	0.460
5.0	12.961	33.443	25.195	276.32	0.014	0.461
10.0	12.961	33.443	25.195	276.47	0.028	0.461
15.0	12.965	33.443	25.195	276.64	0.041	0.462
20.0	12.969	33.442	25.193	276.90	0.055	0.462
25.0	12.960	33.443	25.196	276.78	0.069	0.460
30.0	12.964	33.443	25.195	276.98	0.083	0.461
40.0	12.750	33.423	25.222	274.73	0.111	0.402
50.0	11.417	33.459	25.502	248.20	0.136	0.172
60.0	11.063	33.489	25.590	240.09	0.161	0.130
70.0	10.881	33.546	25.667	232.99	0.185	0.142
80.0	10.779	33.585	25.715	228.62	0.208	0.154
100.0	10.186	33.609	25.837	217.37	0.252	0.069
120.0	9.736	33.852	26.103	192.50	0.293	0.184
140.0	9.065	33.877	26.231	180.53	0.330	0.093
160.0	8.964	33.974	26.323	172.16	0.365	0.153
180.0	8.913	34.013	26.362	168.86	0.400	0.176
200.0	8.515	34.030	26.438	161.92	0.433	0.127
250.0	8.318	34.147	26.560	151.19	0.510	0.188
300.0	8.049	34.210	26.651	143.41	0.584	0.196
350.0	7.517	34.213	26.731	136.31	0.654	0.120
400.0	6.981	34.205	26.801	130.10	0.721	0.039
450.0	6.644	34.230	26.866	124.43	0.784	0.012
500.0	6.191	34.253	26.944	117.29	0.845	-0.029
550.0	5.636	34.249	27.010	111.05	0.902	-0.102
600.0	5.265	34.266	27.068	105.68	0.956	-0.133
650.0	5.035	34.291	27.115	101.53	1.008	-0.140
700.0	4.837	34.306	27.150	98.51	1.058	-0.151
750.0	4.785	34.358	27.197	94.56	1.106	-0.116
800.0	4.430	34.373	27.249	89.60	1.152	-0.143
1000.0	3.909	34.456	27.371	79.01	1.321	-0.133
1200.0	3.491	34.497	27.446	72.59	1.473	-0.143
1400.0	2.988	34.537	27.526	65.05	1.610	-0.158
1600.0	2.607	34.569	27.586	59.35	1.734	-0.167
1800.0	2.274	34.598	27.638	54.26	1.848	-0.172
2000.0	2.074	34.616	27.669	51.41	1.953	-0.175
2200.0	1.949	34.629	27.690	49.73	2.054	-0.175
2214.0	1.949	34.629	27.690	49.78	2.061	-0.175

STATION: 27 DATE: 1/23/90 1436 GMT

LAT: 36 43.6 N. LON: 122 13.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.028	33.441	25.180	277.61	0.000	0.473
5.0	13.019	33.442	25.183	277.52	0.014	0.472
10.0	13.035	33.442	25.180	277.92	0.028	0.475
15.0	13.036	33.441	25.179	278.13	0.042	0.474
20.0	13.037	33.441	25.179	278.26	0.056	0.474
25.0	13.037	33.442	25.180	278.34	0.069	0.475
30.0	13.034	33.441	25.180	278.45	0.083	0.473
40.0	13.037	33.441	25.180	278.75	0.111	0.474
50.0	12.854	33.403	25.187	278.32	0.139	0.407
60.0	10.306	33.121	25.435	254.67	0.166	-0.299
70.0	10.088	33.325	25.631	236.24	0.190	-0.174
80.0	9.883	33.479	25.786	221.70	0.213	-0.086
100.0	9.570	33.627	25.954	206.17	0.255	-0.022
120.0	9.395	33.799	26.116	191.10	0.295	0.085
140.0	9.023	33.911	26.264	177.39	0.332	0.113
160.0	8.783	33.974	26.352	169.44	0.366	0.124
180.0	8.347	34.009	26.446	160.69	0.400	0.084
200.0	8.114	34.038	26.505	155.43	0.431	0.072
250.0	8.095	34.143	26.591	148.21	0.507	0.151
300.0	7.640	34.175	26.683	140.07	0.578	0.109
350.0	7.222	34.187	26.752	134.09	0.647	0.058
400.0	6.964	34.222	26.816	128.64	0.712	0.050
450.0	6.503	34.208	26.867	124.13	0.776	-0.024
500.0	5.913	34.217	26.951	116.35	0.836	-0.092
550.0	5.627	34.242	27.006	111.43	0.893	-0.108
600.0	5.255	34.265	27.069	105.63	0.948	-0.135
650.0	5.051	34.275	27.101	102.91	1.000	-0.151
700.0	4.729	34.308	27.163	97.10	1.050	-0.161
750.0	4.541	34.360	27.226	91.42	1.097	-0.141
800.0	4.463	34.401	27.267	87.93	1.142	-0.117
1000.0	3.940	34.456	27.367	79.40	1.308	-0.130
1019.4	3.878	34.461	27.378	78.44	1.323	-0.132

STATION: 29 DATE: 1/23/90 1630 GMT

LAT: 36 42.2 N. LON: 122 1.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.596	33.436	25.261	269.92	0.000	0.382
5.0	12.612	33.435	25.257	270.40	0.014	0.384
10.0	12.612	33.435	25.257	270.54	0.027	0.384
15.0	12.614	33.435	25.257	270.70	0.041	0.384
20.0	12.612	33.435	25.258	270.78	0.054	0.384
25.0	12.603	33.436	25.260	270.66	0.068	0.383
30.0	12.554	33.444	25.276	269.29	0.081	0.379
40.0	12.364	33.475	25.337	263.70	0.108	0.366
50.0	12.092	33.489	25.400	258.00	0.134	0.324
60.0	11.760	33.499	25.470	251.53	0.159	0.268
70.0	11.410	33.496	25.533	245.80	0.184	0.199
80.0	11.364	33.532	25.569	242.53	0.209	0.219
100.0	10.731	33.591	25.729	227.77	0.256	0.150
120.0	10.288	33.760	25.937	208.30	0.299	0.205
140.0	9.929	33.822	26.047	198.26	0.339	0.192
160.0	9.358	33.899	26.201	183.85	0.377	0.157
180.0	8.948	33.954	26.311	173.77	0.413	0.134
200.0	8.552	33.984	26.396	165.90	0.447	0.096
250.0	8.259	34.117	26.546	152.54	0.526	0.155
300.0	7.731	34.162	26.660	142.37	0.600	0.111
350.0	7.400	34.169	26.713	137.91	0.670	0.069
400.0	6.883	34.187	26.800	130.12	0.737	0.011
450.0	6.515	34.209	26.867	124.21	0.801	-0.021
500.0	6.114	34.241	26.944	117.16	0.862	-0.048
550.0	5.644	34.260	27.018	110.31	0.919	-0.092
600.0	5.399	34.307	27.085	104.30	0.972	-0.084
650.0	5.135	34.336	27.139	99.44	1.024	-0.093
700.0	4.839	34.365	27.197	94.15	1.072	-0.104
750.0	4.701	34.380	27.224	91.88	1.119	-0.108
800.0	4.518	34.394	27.256	89.12	1.164	-0.117
1000.0	3.898	34.459	27.374	78.66	1.331	-0.132
1200.0	3.312	34.509	27.472	69.59	1.479	-0.150
1387.3	2.931	34.541	27.534	64.00	1.605	-0.160

STATION: 28 DATE: 1/23/90 1830 GMT

LAT: 36 45.4 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.767	33.440	25.231	272.79	0.000	0.420
5.0	12.766	33.441	25.232	272.85	0.014	0.420
10.0	12.764	33.441	25.233	272.90	0.027	0.419
15.0	12.763	33.440	25.232	273.05	0.041	0.419
20.0	12.756	33.439	25.233	273.14	0.055	0.416
25.0	12.752	33.440	25.235	273.08	0.068	0.416
30.0	12.740	33.441	25.238	272.94	0.082	0.414
40.0	12.617	33.460	25.276	269.52	0.109	0.404
50.0	12.477	33.466	25.309	266.69	0.136	0.381
60.0	12.269	33.466	25.349	263.12	0.162	0.340
70.0	12.057	33.497	25.413	257.25	0.189	0.323
80.0	11.325	33.488	25.542	245.11	0.214	0.177
100.0	10.599	33.667	25.811	219.90	0.260	0.187
120.0	10.313	33.770	25.941	207.97	0.303	0.218
140.0	10.034	33.740	25.966	205.98	0.344	0.146
160.0	9.460	33.851	26.148	188.98	0.383	0.136
180.0	9.077	33.940	26.280	176.76	0.420	0.144
200.0	8.874	34.035	26.386	166.99	0.454	0.186
250.0	8.449	34.135	26.531	154.02	0.534	0.198
300.0	7.967	34.144	26.611	147.09	0.610	0.132
350.0	7.574	34.165	26.685	140.69	0.682	0.090
400.0	7.090	34.192	26.775	132.61	0.751	0.043
450.0	6.645	34.213	26.853	125.68	0.815	-0.001
500.0	6.285	34.230	26.913	120.27	0.877	-0.035
550.0	5.738	34.276	27.019	110.32	0.934	-0.068
600.0	5.416	34.308	27.084	104.46	0.988	-0.082
650.0	5.061	34.345	27.155	97.88	1.038	-0.095
700.0	4.760	34.377	27.215	92.29	1.085	-0.103
750.0	4.601	34.389	27.243	89.99	1.131	-0.112
800.0	4.511	34.399	27.261	88.66	1.175	-0.114
965.1	3.912	34.454	27.368	78.91	1.313	-0.134

STATION: 25 DATE: 1/23/90 2118 GMT

LAT: 36 33.9 N. LON: 122 13.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.116	33.477	25.191	276.62	0.000	0.520
5.0	13.098	33.477	25.194	276.41	0.014	0.516
10.0	13.069	33.477	25.200	276.00	0.028	0.510
15.0	13.048	33.476	25.204	275.78	0.041	0.505
20.0	13.044	33.476	25.205	275.82	0.055	0.503
25.0	13.042	33.476	25.206	275.87	0.069	0.503
30.0	13.042	33.476	25.205	276.02	0.083	0.503
40.0	13.039	33.477	25.207	276.14	0.110	0.503
50.0	12.262	33.415	25.310	266.53	0.138	0.298
60.0	11.044	33.474	25.581	240.90	0.163	0.115
70.0	10.657	33.562	25.718	228.04	0.187	0.115
80.0	10.447	33.649	25.823	218.28	0.209	0.146
100.0	9.951	33.792	26.019	200.04	0.251	0.173
120.0	9.118	33.884	26.228	180.47	0.289	0.107
140.0	8.875	33.960	26.326	171.50	0.324	0.128
160.0	8.537	33.994	26.405	164.24	0.357	0.102
180.0	8.398	34.028	26.454	159.98	0.390	0.107
200.0	8.071	34.037	26.511	154.86	0.421	0.065
250.0	7.634	34.073	26.603	146.75	0.496	0.028
300.0	7.749	34.210	26.695	139.03	0.567	0.152
350.0	7.200	34.215	26.778	131.68	0.635	0.077
400.0	6.833	34.213	26.827	127.52	0.699	0.025
450.0	6.481	34.235	26.891	121.86	0.762	-0.006
500.0	6.090	34.249	26.954	116.25	0.821	-0.045
550.0	5.721	34.260	27.009	111.31	0.878	-0.083
600.0	5.441	34.296	27.071	105.70	0.932	-0.089
650.0	5.259	34.312	27.106	102.79	0.984	-0.098
700.0	5.093	34.354	27.159	98.10	1.034	-0.084
750.0	4.743	34.365	27.208	93.52	1.082	-0.115
800.0	4.463	34.388	27.257	88.89	1.128	-0.128
1000.0	3.972	34.444	27.355	80.64	1.299	-0.136
1200.0	3.462	34.497	27.449	72.24	1.452	-0.145
1400.0	2.986	34.538	27.527	64.95	1.589	-0.158
1600.0	2.697	34.561	27.572	61.01	1.715	-0.166
1800.0	2.348	34.591	27.626	55.66	1.832	-0.172
2000.0	2.068	34.616	27.670	51.34	1.937	-0.175
2200.0	1.917	34.632	27.695	49.11	2.038	-0.175
2351.7	1.829	34.643	27.712	47.76	2.112	-0.174

STATION: 33 DATE: 1/24/90 0048 GMT

LAT: 36 45.9 N. LON: 122 1.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.908	33.443	25.206	275.21	0.000	0.450
5.0	12.903	33.444	25.207	275.17	0.014	0.450
10.0	12.801	33.441	25.225	273.61	0.027	0.427
15.0	12.778	33.441	25.230	273.31	0.041	0.422
20.0	12.769	33.443	25.233	273.10	0.055	0.422
25.0	12.752	33.450	25.242	272.40	0.068	0.424
30.0	12.588	33.457	25.280	268.93	0.082	0.396
40.0	12.503	33.469	25.306	266.73	0.109	0.389
50.0	12.381	33.469	25.329	264.71	0.135	0.365
60.0	12.115	33.464	25.377	260.46	0.162	0.308
70.0	11.723	33.484	25.466	252.19	0.187	0.249
80.0	11.405	33.497	25.534	245.85	0.212	0.199
100.0	10.571	33.658	25.809	220.13	0.260	0.175
120.0	9.845	33.770	26.020	200.34	0.301	0.137
140.0	9.494	33.855	26.145	188.86	0.340	0.145
160.0	9.213	33.910	26.234	180.74	0.377	0.143
180.0	9.021	33.949	26.295	175.26	0.413	0.142
200.0	8.614	33.990	26.391	166.39	0.447	0.110
250.0	8.437	34.143	26.539	153.29	0.527	0.203
300.0	7.780	34.160	26.651	143.19	0.601	0.117
350.0	7.300	34.182	26.738	135.54	0.670	0.065
400.0	6.882	34.199	26.809	129.22	0.736	0.020
450.0	6.546	34.219	26.870	123.91	0.799	-0.010
500.0	6.197	34.240	26.933	118.37	0.860	-0.039
550.0	5.818	34.262	26.998	112.42	0.918	-0.069
600.0	5.510	34.300	27.066	106.25	0.972	-0.077
650.0	5.325	34.318	27.103	103.17	1.025	-0.085
700.0	5.047	34.346	27.158	98.14	1.075	-0.096
750.0	4.826	34.370	27.202	94.16	1.123	-0.102
800.0	4.694	34.383	27.228	92.08	1.170	-0.107
982.4	4.123	34.436	27.333	82.92	1.332	-0.127

STATION: 30 DATE: 1/24/90 0153 GMT

LAT: 36 47.2 N. LON: 121 55.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.830	33.439	25.218	274.04	0.000	0.431
5.0	12.830	33.439	25.218	274.16	0.014	0.431
10.0	12.830	33.439	25.218	274.28	0.027	0.431
15.0	12.830	33.439	25.218	274.40	0.041	0.431
20.0	12.830	33.439	25.218	274.52	0.055	0.431
25.0	12.829	33.441	25.220	274.48	0.069	0.432
30.0	12.829	33.442	25.221	274.52	0.082	0.433
40.0	12.832	33.447	25.225	274.45	0.110	0.437
50.0	12.378	33.442	25.309	266.62	0.137	0.343
60.0	11.850	33.460	25.423	255.98	0.163	0.255
70.0	10.971	33.460	25.584	240.86	0.188	0.090
80.0	10.707	33.504	25.665	233.37	0.212	0.077
100.0	10.203	33.646	25.863	214.94	0.256	0.100
120.0	9.729	33.831	26.087	193.95	0.298	0.166
140.0	9.328	33.933	26.233	180.47	0.335	0.180
160.0	9.139	33.984	26.304	174.11	0.370	0.189
180.0	8.931	34.032	26.374	167.74	0.404	0.193
200.0	8.822	34.047	26.403	165.32	0.438	0.188
250.0	8.205	34.117	26.554	151.75	0.517	0.147
300.0	7.741	34.150	26.649	143.37	0.591	0.104
350.0	7.486	34.159	26.693	139.88	0.662	0.073
400.0	7.224	34.172	26.741	135.97	0.731	0.046
450.0	6.824	34.201	26.819	129.00	0.797	0.013
501.2	6.412	34.230	26.897	121.97	0.862	-0.019

STATION: 34 DATE: 1/24/90 0300 GMT

LAT: 36 47.8 N. LON: 121 50.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.961	33.452	25.202	275.54	0.000	0.468
5.0	12.942	33.444	25.200	275.86	0.014	0.458
10.0	12.857	33.443	25.216	274.49	0.028	0.440
15.0	12.800	33.442	25.227	273.60	0.041	0.428
20.0	12.619	33.427	25.250	271.52	0.055	0.379
25.0	12.505	33.416	25.264	270.30	0.068	0.348
30.0	12.358	33.427	25.301	266.89	0.082	0.328
40.0	11.784	33.462	25.437	254.19	0.108	0.244
50.0	11.404	33.494	25.531	245.44	0.133	0.197
60.0	11.031	33.548	25.641	235.19	0.157	0.171
70.0	10.778	33.598	25.725	227.44	0.180	0.164
80.0	10.536	33.669	25.823	218.29	0.202	0.178
100.0	9.977	33.804	26.024	199.54	0.244	0.187
120.0	9.592	33.880	26.148	188.16	0.283	0.182
140.0	9.361	33.918	26.216	182.05	0.320	0.174
160.0	8.906	33.986	26.342	170.39	0.356	0.153
180.0	8.748	34.020	26.394	165.83	0.389	0.155
200.0	8.353	34.069	26.493	156.65	0.421	0.132
251.2	7.785	34.113	26.613	145.96	0.500	0.081

STATION: 0 DATE: 3/19/90 2006 GMT

LAT: 36 33.4 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.251	33.198	25.328	263.62	0.008	-0.066
5.0	11.227	33.292	25.406	256.30	0.013	0.005
10.0	10.768	33.369	25.547	242.95	0.026	-0.018
15.0	10.632	33.443	25.629	235.30	0.038	0.017
20.0	10.468	33.451	25.664	232.07	0.049	-0.006
25.0	10.149	33.493	25.751	223.88	0.061	-0.029
30.0	9.957	33.566	25.841	215.45	0.072	-0.004
40.0	9.814	33.650	25.930	207.17	0.093	0.038
50.0	9.618	33.738	26.032	197.71	0.113	0.075
60.0	9.526	33.826	26.116	189.93	0.132	0.130
70.0	9.377	33.865	26.170	184.95	0.151	0.135
80.0	9.230	33.884	26.210	181.41	0.169	0.127
100.0	9.044	33.928	26.274	175.67	0.205	0.131
120.0	8.928	33.985	26.337	170.04	0.240	0.157
140.0	8.840	34.010	26.371	167.21	0.273	0.163
160.0	8.604	34.038	26.430	161.93	0.306	0.148
180.0	8.395	34.061	26.480	157.47	0.338	0.133
200.0	8.131	34.090	26.543	151.79	0.369	0.116
250.0	7.602	34.116	26.641	143.12	0.443	0.057
300.0	7.202	34.132	26.711	137.12	0.512	0.013
350.0	6.831	34.158	26.783	130.82	0.579	-0.018
400.0	6.436	34.188	26.860	124.00	0.643	-0.047
450.0	6.208	34.209	26.906	120.15	0.704	-0.061
500.0	5.967	34.234	26.958	115.75	0.763	-0.072
550.0	5.512	34.271	27.043	107.80	0.819	-0.099
600.0	5.172	34.307	27.112	101.46	0.871	-0.111
650.0	4.984	34.332	27.154	97.83	0.921	-0.113
700.0	4.919	34.339	27.167	97.04	0.969	-0.115
707.0	4.922	34.341	27.168	97.04	0.976	-0.114

STATION: 1 DATE: 3/20/90 0318 GMT

LAT: 36 20.1 N. LON: 121 56.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.698	33.449	25.622	235.70	0.007	0.033
5.0	10.681	33.454	25.629	235.09	0.012	0.034
10.0	10.634	33.457	25.640	234.15	0.024	0.029
15.0	10.374	33.475	25.698	228.67	0.035	-0.004
20.0	9.986	33.551	25.824	216.88	0.046	-0.011
25.0	9.707	33.631	25.933	206.60	0.057	0.005
30.0	9.699	33.638	25.940	206.05	0.067	0.010
40.0	9.692	33.649	25.950	205.32	0.088	0.017
50.0	9.666	33.668	25.969	203.66	0.108	0.028
55.0	9.595	33.707	26.011	199.78	0.118	0.046

STATION: 2 DATE: 3/20/90 0853 GMT

LAT: 36 20.1 N. LON: 121 59.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.692	33.513	25.673	230.86	0.007	0.083
5.0	10.675	33.514	25.676	230.55	0.012	0.081
10.0	10.609	33.529	25.700	228.45	0.023	0.081
15.0	10.565	33.538	25.714	227.15	0.034	0.080
20.0	10.542	33.536	25.717	226.98	0.046	0.075
25.0	10.448	33.528	25.727	226.17	0.057	0.051
30.0	10.162	33.528	25.776	221.60	0.068	0.001
40.0	9.955	33.592	25.861	213.73	0.090	0.016
50.0	9.777	33.629	25.920	208.34	0.111	0.015
60.0	9.684	33.655	25.956	205.13	0.132	0.020
70.0	9.549	33.691	26.007	200.50	0.152	0.026
80.0	9.500	33.715	26.034	198.13	0.172	0.037
97.0	9.039	33.899	26.252	177.72	0.204	0.107

STATION: 3 DATE: 3/20/90 0918 GMT

LAT: 36 20.2 N. LON: 122 2.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.878	33.571	25.685	229.68	0.007	0.163
5.0	10.876	33.571	25.685	229.69	0.011	0.162
10.0	10.858	33.568	25.686	229.72	0.023	0.157
15.0	10.360	33.605	25.802	218.81	0.034	0.097
20.0	10.306	33.619	25.822	216.99	0.045	0.099
25.0	10.293	33.638	25.840	215.48	0.056	0.111
30.0	10.250	33.654	25.860	213.66	0.067	0.117
40.0	9.962	33.676	25.926	207.58	0.088	0.085
50.0	9.772	33.735	26.004	200.36	0.108	0.099
60.0	9.417	33.826	26.133	188.27	0.128	0.111
70.0	9.280	33.861	26.183	183.74	0.146	0.116
80.0	9.260	33.866	26.191	183.20	0.165	0.117
100.0	9.096	33.875	26.224	180.43	0.201	0.097
120.0	8.998	33.906	26.264	176.99	0.237	0.105
131.0	8.870	33.978	26.341	169.91	0.256	0.142

STATION: 4 DATE: 3/20/90 1018 GMT

LAT: 36 20.1 N. LON: 122 5.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.754	33.537	25.680	230.12	0.007	0.113
5.0	10.753	33.537	25.681	230.14	0.012	0.113
10.0	10.721	33.532	25.683	230.06	0.023	0.104
15.0	10.338	33.514	25.735	225.20	0.034	0.021
20.0	10.137	33.584	25.824	216.84	0.045	0.042
25.0	10.071	33.687	25.916	208.24	0.056	0.112
30.0	10.019	33.694	25.930	206.99	0.066	0.108
40.0	9.920	33.725	25.971	203.26	0.087	0.116
50.0	9.579	33.787	26.076	193.51	0.107	0.107
60.0	9.502	33.813	26.109	190.55	0.126	0.115
70.0	9.341	33.884	26.191	182.98	0.145	0.145
80.0	9.201	33.896	26.223	180.11	0.163	0.131
100.0	9.004	33.951	26.298	173.35	0.198	0.143
120.0	8.965	33.969	26.319	171.82	0.232	0.150
140.0	8.887	33.988	26.346	169.56	0.266	0.153
160.0	8.661	34.041	26.424	162.56	0.300	0.159
180.0	8.443	34.065	26.476	157.92	0.331	0.143
200.0	8.431	34.069	26.482	157.76	0.363	0.145
250.0	8.031	34.107	26.572	149.91	0.440	0.114
300.0	7.585	34.140	26.664	141.86	0.512	0.074
313.0	7.524	34.146	26.677	140.79	0.531	0.069

STATION: 5 DATE: 3/20/90 1041 GMT

LAT: 36 20.2 N. LON: 122 8.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.662	33.409	25.597	238.06	0.007	-0.005
5.0	10.662	33.409	25.597	238.11	0.012	-0.005
10.0	10.662	33.409	25.597	238.21	0.024	-0.005
15.0	10.661	33.411	25.599	238.15	0.036	-0.004
20.0	10.658	33.412	25.601	238.10	0.048	-0.003
25.0	10.632	33.416	25.608	237.50	0.060	-0.005
30.0	10.494	33.448	25.657	232.96	0.071	-0.004
40.0	10.113	33.532	25.788	220.71	0.094	-0.004
50.0	9.998	33.579	25.844	215.58	0.116	0.013
60.0	9.917	33.609	25.881	212.24	0.137	0.023
70.0	9.754	33.668	25.955	205.44	0.158	0.042
80.0	9.660	33.783	26.060	195.65	0.178	0.117
100.0	9.233	33.875	26.202	182.53	0.216	0.119
120.0	9.006	33.976	26.318	171.93	0.251	0.162
140.0	8.705	34.008	26.391	165.32	0.285	0.140
160.0	8.608	34.029	26.422	162.67	0.318	0.141
180.0	8.217	34.086	26.527	153.03	0.350	0.125
200.0	7.918	34.108	26.589	147.37	0.380	0.098
250.0	7.435	34.144	26.687	138.70	0.451	0.056
300.0	7.016	34.159	26.758	132.53	0.518	0.009
350.0	6.829	34.186	26.805	128.74	0.584	0.003
400.0	6.730	34.209	26.838	126.41	0.647	0.008
450.0	6.447	34.228	26.890	121.90	0.709	-0.015
500.0	6.023	34.217	26.937	117.74	0.769	-0.078
550.0	5.669	34.241	27.000	112.05	0.827	-0.104
600.0	5.385	34.280	27.066	106.11	0.882	-0.107
650.0	5.242	34.298	27.097	103.55	0.934	-0.110
665.0	5.140	34.310	27.118	101.59	0.950	-0.113

STATION: 6 DATE: 3/20/90 1153 GMT

LAT: 36 20.1 N. LON: 122 13.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.020	33.389	25.518	245.55	0.007	0.044
5.0	11.014	33.389	25.519	245.49	0.012	0.043
10.0	11.010	33.389	25.520	245.53	0.025	0.042
15.0	11.011	33.389	25.520	245.65	0.037	0.042
20.0	10.991	33.385	25.521	245.72	0.049	0.035
25.0	10.967	33.386	25.526	245.34	0.061	0.031
30.0	10.853	33.387	25.547	243.46	0.074	0.011
40.0	10.496	33.442	25.652	233.60	0.097	-0.008
50.0	10.336	33.473	25.704	228.87	0.121	-0.012
60.0	10.057	33.554	25.815	218.53	0.143	0.004
70.0	9.845	33.615	25.898	210.82	0.165	0.016
80.0	9.706	33.676	25.969	204.27	0.185	0.040
100.0	9.477	33.799	26.103	191.96	0.225	0.099
120.0	9.208	33.913	26.236	179.70	0.262	0.145
140.0	8.989	33.984	26.327	171.44	0.297	0.165
160.0	8.737	34.001	26.381	166.68	0.331	0.139
180.0	8.619	34.024	26.417	163.55	0.364	0.138
200.0	8.408	34.052	26.471	158.72	0.396	0.127
250.0	7.931	34.095	26.577	149.38	0.473	0.089
300.0	7.193	34.125	26.707	137.48	0.545	0.006
350.0	6.785	34.147	26.781	131.01	0.613	-0.033
400.0	6.303	34.191	26.880	122.03	0.676	-0.062
450.0	5.693	34.191	26.957	114.84	0.735	-0.139
500.0	5.526	34.221	27.001	111.14	0.792	-0.136
550.0	5.453	34.228	27.016	110.26	0.847	-0.140
600.0	5.344	34.256	27.052	107.38	0.901	-0.131
650.0	5.132	34.270	27.088	104.26	0.954	-0.145
700.0	4.980	34.322	27.147	99.09	1.004	-0.122
750.0	4.807	34.355	27.193	95.00	1.053	-0.115
800.0	4.633	34.384	27.235	91.26	1.099	-0.113
937.0	4.187	34.434	27.324	83.43	1.218	-0.122

STATION: 7 DATE: 3/20/90 1300 GMT

LAT: 36 20.1 N. LON: 122 15.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.993	33.341	25.486	248.65	0.007	0.001
5.0	10.993	33.341	25.486	248.69	0.012	0.001
10.0	10.983	33.343	25.489	248.49	0.025	0.000
15.0	10.958	33.349	25.498	247.72	0.037	0.000
20.0	10.943	33.352	25.503	247.36	0.050	0.000
25.0	10.895	33.360	25.518	246.05	0.062	-0.002
30.0	10.805	33.373	25.544	243.68	0.074	-0.008
40.0	10.704	33.400	25.583	240.20	0.098	-0.005
50.0	10.576	33.429	25.628	236.13	0.122	-0.005
60.0	10.317	33.494	25.724	227.21	0.145	0.001
70.0	10.141	33.553	25.800	220.17	0.168	0.017
80.0	9.655	33.700	25.997	201.69	0.189	0.051
100.0	9.361	33.858	26.169	185.74	0.228	0.127
120.0	9.141	33.933	26.263	177.18	0.264	0.150
140.0	9.015	33.983	26.322	171.87	0.299	0.169
160.0	8.725	34.009	26.388	165.95	0.333	0.143
180.0	8.396	34.045	26.468	158.67	0.365	0.121
200.0	8.117	34.040	26.506	155.34	0.396	0.074
250.0	7.807	34.083	26.586	148.49	0.472	0.061
300.0	7.341	34.095	26.663	141.77	0.545	0.003
350.0	7.015	34.179	26.775	131.76	0.613	0.024
400.0	6.437	34.173	26.848	125.17	0.677	-0.059
450.0	6.098	34.205	26.917	119.00	0.739	-0.078
500.0	5.837	34.237	26.976	113.90	0.797	-0.086
550.0	5.572	34.259	27.026	109.45	0.852	-0.101
600.0	5.320	34.277	27.071	105.52	0.906	-0.117
650.0	5.083	34.303	27.119	101.24	0.957	-0.125
700.0	4.997	34.315	27.139	99.83	1.008	-0.126
750.0	4.793	34.353	27.193	94.97	1.057	-0.119
800.0	4.648	34.370	27.223	92.48	1.104	-0.122
991.0	3.868	34.457	27.375	78.39	1.270	-0.136

STATION: 8 DATE: 3/20/90 1648 GMT

LAT: 36 20.1 N. LON: 122 19.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.342	33.234	25.340	262.52	0.008	-0.020
5.0	11.338	33.238	25.344	262.20	0.013	-0.018
10.0	11.311	33.241	25.351	261.63	0.026	-0.020
15.0	11.280	33.249	25.363	260.61	0.039	-0.020
20.0	11.263	33.254	25.370	260.06	0.052	-0.019
25.0	11.250	33.261	25.378	259.42	0.065	-0.016
30.0	11.249	33.266	25.382	259.14	0.078	-0.013
40.0	11.300	33.306	25.404	257.27	0.104	0.029
50.0	10.883	33.377	25.534	245.12	0.129	0.008
60.0	10.301	33.358	25.620	237.06	0.153	-0.111
70.0	10.240	33.499	25.741	225.78	0.177	-0.009
80.0	9.959	33.594	25.863	214.39	0.198	0.018
100.0	9.449	33.765	26.081	194.05	0.239	0.067
120.0	9.270	33.887	26.206	182.59	0.276	0.134
140.0	8.978	33.976	26.322	171.87	0.312	0.157
160.0	8.789	34.016	26.384	166.39	0.346	0.159
180.0	8.351	34.039	26.470	158.45	0.378	0.109
200.0	8.141	34.055	26.514	154.57	0.410	0.089
250.0	7.898	34.085	26.575	149.62	0.486	0.076
300.0	7.429	34.110	26.662	141.88	0.559	0.028
350.0	7.069	34.131	26.730	136.07	0.628	-0.007
400.0	6.736	34.143	26.785	131.39	0.695	-0.044
450.0	6.459	34.191	26.860	124.80	0.759	-0.043
500.0	6.158	34.213	26.916	119.85	0.820	-0.065
550.0	5.892	34.231	26.965	115.63	0.879	-0.084
600.0	5.611	34.254	27.018	110.95	0.936	-0.101
650.0	5.255	34.284	27.085	104.75	0.990	-0.120
700.0	5.045	34.320	27.138	100.05	1.041	-0.116
750.0	4.721	34.355	27.203	93.95	1.089	-0.125
800.0	4.479	34.393	27.260	88.69	1.134	-0.122
917.0	4.289	34.417	27.300	85.74	1.237	-0.124

STATION: 9 DATE: 3/20/90 1748 GMT

LAT: 36 20.1 N. LON: 122 22.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.640	33.221	25.275	268.66	0.008	0.026
5.0	11.639	33.222	25.276	268.62	0.013	0.026
10.0	11.617	33.222	25.280	268.35	0.027	0.022
15.0	11.605	33.223	25.283	268.17	0.040	0.020
20.0	11.600	33.224	25.285	268.09	0.054	0.020
25.0	11.591	33.228	25.290	267.77	0.067	0.021
30.0	11.589	33.231	25.293	267.59	0.080	0.024
40.0	11.636	33.255	25.303	266.87	0.107	0.051
50.0	11.726	33.344	25.356	262.09	0.134	0.139
60.0	11.534	33.345	25.393	258.86	0.160	0.103
70.0	11.320	33.333	25.422	256.27	0.185	0.053
80.0	10.923	33.373	25.525	246.68	0.211	0.012
100.0	10.348	33.507	25.730	227.56	0.258	0.016
120.0	9.725	33.681	25.970	205.02	0.301	0.046
140.0	9.126	33.852	26.202	183.34	0.340	0.083
160.0	9.053	33.947	26.289	175.49	0.375	0.146
180.0	8.609	34.034	26.427	162.66	0.409	0.145
200.0	8.253	34.048	26.492	156.72	0.441	0.101
250.0	7.691	34.091	26.609	146.24	0.517	0.050
300.0	7.164	34.111	26.700	138.12	0.588	-0.009
350.0	6.672	34.122	26.776	131.39	0.656	-0.068
400.0	6.398	34.117	26.809	128.81	0.721	-0.109
450.0	5.970	34.127	26.872	123.15	0.783	-0.156
500.0	5.702	34.182	26.949	116.22	0.843	-0.146
550.0	5.642	34.263	27.021	110.08	0.900	-0.090
600.0	5.362	34.287	27.074	105.31	0.953	-0.104
650.0	5.173	34.299	27.106	102.66	1.005	-0.118
700.0	4.960	34.324	27.151	98.66	1.056	-0.122
750.0	4.711	34.349	27.199	94.27	1.104	-0.131
800.0	4.626	34.377	27.231	91.70	1.151	-0.119
1000.0	4.178	34.438	27.329	83.56	1.326	-0.119
1200.0	3.560	34.485	27.430	74.31	1.482	-0.146
1223.0	3.443	34.494	27.448	72.41	1.499	-0.150

STATION: 10 DATE: 3/20/90 2106 GMT

LAT: 36 20.1 N. LON: 122 25.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.078	33.216	25.190	276.80	0.008	0.106
5.0	12.075	33.216	25.190	276.79	0.014	0.105
10.0	12.047	33.216	25.196	276.41	0.028	0.099
15.0	12.015	33.214	25.200	276.09	0.041	0.091
20.0	11.959	33.210	25.208	275.50	0.055	0.077
25.0	11.912	33.208	25.215	274.92	0.069	0.067
30.0	11.883	33.210	25.222	274.36	0.083	0.062
40.0	11.854	33.245	25.255	271.49	0.110	0.085
50.0	11.416	33.239	25.331	264.45	0.137	-0.003
60.0	11.355	33.250	25.351	262.76	0.163	-0.006
70.0	11.211	33.274	25.396	258.75	0.189	-0.014
80.0	10.806	33.337	25.517	247.40	0.215	-0.038
100.0	10.038	33.511	25.785	222.24	0.262	-0.035
120.0	9.709	33.726	26.008	201.43	0.304	0.079
140.0	9.382	33.862	26.169	186.54	0.343	0.133
160.0	8.982	33.931	26.287	175.63	0.379	0.122
180.0	8.797	33.996	26.367	168.35	0.413	0.144
200.0	8.550	34.019	26.424	163.25	0.447	0.124
250.0	8.122	34.098	26.551	151.95	0.525	0.120
300.0	7.685	34.117	26.631	144.99	0.599	0.070
350.0	7.223	34.116	26.696	139.36	0.670	0.002
400.0	6.510	34.134	26.807	129.03	0.738	-0.081
450.0	6.000	34.165	26.898	120.67	0.800	-0.122
500.0	5.561	34.203	26.983	112.89	0.859	-0.146
550.0	5.465	34.275	27.051	106.96	0.914	-0.102
600.0	5.210	34.284	27.089	103.64	0.966	-0.124
650.0	4.993	34.306	27.132	99.91	1.017	-0.133
700.0	4.870	34.328	27.164	97.30	1.066	-0.130
750.0	4.719	34.352	27.201	94.14	1.114	-0.128
800.0	4.566	34.381	27.241	90.63	1.160	-0.122
1000.0	3.987	34.444	27.353	80.85	1.332	-0.134
1200.0	3.382	34.495	27.454	71.46	1.484	-0.154
1400.0	2.955	34.532	27.525	65.03	1.619	-0.165
1600.0	2.612	34.561	27.579	60.01	1.743	-0.173
1699.0	2.468	34.572	27.600	58.00	1.802	-0.177

STATION: 11 DATE: 3/20/90 2241 GMT

LAT: 36 20.1 N. LON: 122 29.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.179	33.284	25.223	273.59	0.008	0.179
5.0	12.179	33.284	25.223	273.64	0.014	0.179
10.0	12.113	33.284	25.236	272.56	0.027	0.166
15.0	12.068	33.284	25.245	271.87	0.041	0.157
20.0	11.993	33.281	25.257	270.82	0.055	0.141
25.0	11.955	33.281	25.264	270.29	0.068	0.133
30.0	11.934	33.288	25.274	269.49	0.082	0.135
40.0	11.683	33.307	25.335	263.89	0.108	0.101
50.0	11.402	33.315	25.393	258.59	0.134	0.055
60.0	11.034	33.330	25.471	251.37	0.160	-0.002
70.0	10.729	33.328	25.524	246.52	0.185	-0.058
80.0	10.378	33.369	25.616	237.90	0.209	-0.089
100.0	9.882	33.603	25.884	212.88	0.254	0.012
120.0	9.708	33.746	26.025	199.89	0.295	0.095
140.0	9.446	33.842	26.143	189.02	0.334	0.128
160.0	9.047	33.948	26.290	175.37	0.371	0.146
180.0	8.861	33.997	26.358	169.25	0.405	0.155
200.0	8.729	34.060	26.428	162.93	0.438	0.183
250.0	8.135	34.120	26.567	150.50	0.516	0.139
300.0	7.732	34.125	26.631	145.10	0.591	0.083
350.0	6.908	34.087	26.717	137.13	0.661	-0.064
400.0	6.629	34.145	26.800	129.81	0.728	-0.056
450.0	6.259	34.187	26.882	122.44	0.791	-0.072
500.0	5.952	34.218	26.947	116.74	0.850	-0.086
550.0	5.401	34.230	27.023	109.50	0.907	-0.145
600.0	5.299	34.305	27.095	103.22	0.959	-0.098
650.0	5.084	34.323	27.135	99.74	1.010	-0.109
700.0	4.784	34.330	27.175	96.10	1.059	-0.138
750.0	4.703	34.353	27.203	93.87	1.107	-0.129
800.0	4.528	34.384	27.247	89.98	1.153	-0.124
1000.0	4.008	34.445	27.352	81.03	1.322	-0.132
1200.0	3.475	34.489	27.441	73.00	1.476	-0.150
1400.0	3.080	34.525	27.508	67.03	1.616	-0.160
1600.0	2.629	34.564	27.580	59.98	1.743	-0.169
1800.0	2.264	34.603	27.642	53.78	1.856	-0.169
1805.0	2.266	34.603	27.642	53.82	1.859	-0.169

STATION: 12 DATE: 3/21/90 0900 GMT

LAT: 36 20.0 N. LON: 122 33.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.977	33.232	25.221	273.81	0.008	0.099
5.0	11.977	33.232	25.221	273.85	0.014	0.099
10.0	11.982	33.230	25.219	274.21	0.027	0.098
15.0	11.983	33.233	25.221	274.11	0.041	0.100
20.0	11.982	33.235	25.223	274.06	0.055	0.102
25.0	11.984	33.237	25.224	274.06	0.069	0.104
30.0	11.984	33.240	25.227	273.95	0.082	0.106
40.0	11.606	33.258	25.311	266.11	0.109	0.048
50.0	11.347	33.296	25.388	259.00	0.135	0.030
60.0	11.137	33.325	25.449	253.50	0.161	0.013
70.0	10.771	33.389	25.564	242.72	0.186	-0.002
80.0	10.435	33.491	25.702	229.78	0.209	0.019
100.0	9.884	33.660	25.927	208.72	0.254	0.057
120.0	9.583	33.766	26.061	196.43	0.294	0.091
140.0	9.298	33.880	26.196	183.92	0.332	0.133
160.0	8.972	33.963	26.314	173.07	0.368	0.146
180.0	8.797	34.006	26.375	167.61	0.402	0.152
200.0	8.704	34.052	26.426	163.11	0.435	0.174
250.0	8.194	34.090	26.535	153.55	0.514	0.124
300.0	7.817	34.137	26.628	145.44	0.589	0.104
350.0	7.058	34.132	26.732	135.88	0.659	-0.008
400.0	6.622	34.140	26.798	130.05	0.725	-0.061
450.0	6.197	34.165	26.873	123.26	0.788	-0.097
500.0	5.954	34.224	26.951	116.37	0.848	-0.082
550.0	5.647	34.250	27.010	111.08	0.905	-0.099
600.0	5.341	34.272	27.064	106.20	0.960	-0.119
650.0	5.177	34.314	27.117	101.59	1.011	-0.106
700.0	4.947	34.349	27.172	96.69	1.061	-0.105
750.0	4.588	34.359	27.220	92.07	1.108	-0.137
800.0	4.536	34.393	27.254	89.37	1.154	-0.116
1000.0	3.988	34.455	27.362	80.05	1.323	-0.126
1200.0	3.474	34.487	27.440	73.10	1.477	-0.152
1400.0	3.036	34.525	27.512	66.50	1.617	-0.164
1600.0	2.615	34.559	27.577	60.15	1.743	-0.174
1800.0	2.309	34.583	27.623	55.78	1.858	-0.181
2000.0	2.036	34.610	27.667	51.39	1.965	-0.182
2200.0	1.854	34.632	27.700	48.33	2.064	-0.180
2335.0	1.774	34.642	27.715	47.07	2.128	-0.179

STATION: 13 DATE: 3/21/90 1818 GMT

LAT: 36 20.0 N. LON: 122 35.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.951	33.229	25.224	273.57	0.008	0.091
5.0	11.949	33.229	25.224	273.58	0.014	0.091
10.0	11.949	33.230	25.225	273.58	0.027	0.092
15.0	11.947	33.232	25.227	273.54	0.041	0.093
20.0	11.947	33.234	25.229	273.47	0.055	0.095
25.0	11.942	33.237	25.232	273.31	0.068	0.095
30.0	11.938	33.240	25.235	273.14	0.082	0.097
40.0	11.846	33.252	25.262	270.83	0.109	0.089
50.0	11.600	33.313	25.355	262.16	0.136	0.091
60.0	11.448	33.314	25.384	259.68	0.162	0.062
70.0	11.212	33.316	25.429	255.62	0.188	0.020
80.0	10.945	33.356	25.507	248.35	0.213	0.002
100.0	10.281	33.542	25.769	223.87	0.261	0.032
120.0	9.908	33.667	25.930	208.94	0.304	0.067
140.0	9.575	33.791	26.082	194.87	0.344	0.108
160.0	9.184	33.889	26.222	181.82	0.382	0.122
180.0	8.957	33.952	26.308	174.02	0.417	0.135
200.0	8.713	34.001	26.385	167.03	0.451	0.135
250.0	8.100	34.090	26.549	152.17	0.531	0.110
300.0	7.651	34.131	26.647	143.51	0.605	0.076
350.0	7.055	34.133	26.733	135.73	0.675	-0.007
400.0	6.552	34.149	26.814	128.44	0.741	-0.063
450.0	6.288	34.183	26.876	123.09	0.804	-0.071
500.0	5.989	34.223	26.946	116.86	0.864	-0.078
550.0	5.643	34.250	27.010	111.06	0.922	-0.100
600.0	5.294	34.271	27.069	105.68	0.976	-0.125
650.0	5.150	34.313	27.120	101.30	1.028	-0.109
700.0	4.977	34.341	27.162	97.65	1.077	-0.107
750.0	4.666	34.349	27.204	93.73	1.125	-0.136
800.0	4.557	34.369	27.232	91.41	1.171	-0.132
1000.0	4.073	34.444	27.344	81.88	1.344	-0.126
1200.0	3.540	34.481	27.428	74.37	1.500	-0.151
1400.0	3.028	34.524	27.512	66.49	1.642	-0.165
1600.0	2.589	34.560	27.580	59.81	1.768	-0.176
1800.0	2.325	34.581	27.620	56.12	1.884	-0.182
2000.0	2.036	34.609	27.666	51.47	1.991	-0.183
2200.0	1.867	34.630	27.698	48.59	2.092	-0.180
2400.0	1.760	34.643	27.717	47.05	2.187	-0.179
2600.0	1.717	34.653	27.729	46.45	2.281	-0.176
2625.0	1.715	34.654	27.730	46.43	2.293	-0.175

STATION: 14 DATE: 3/21/90 2053 GMT

LAT: 36 19.9 N. LON: 122 39.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.018	33.249	25.227	273.29	0.008	0.120
5.0	12.018	33.249	25.227	273.33	0.014	0.120
10.0	11.990	33.250	25.233	272.87	0.027	0.115
15.0	11.979	33.251	25.236	272.71	0.041	0.114
20.0	11.978	33.253	25.238	272.66	0.055	0.115
25.0	11.960	33.259	25.246	272.01	0.068	0.116
30.0	11.919	33.260	25.254	271.32	0.082	0.109
40.0	11.396	33.300	25.382	259.38	0.108	0.042
50.0	11.332	33.326	25.414	256.56	0.134	0.050
60.0	11.199	33.340	25.449	253.46	0.160	0.037
70.0	10.904	33.365	25.521	246.78	0.185	0.002
80.0	10.473	33.491	25.695	230.45	0.208	0.025
100.0	9.794	33.715	25.985	203.21	0.252	0.085
120.0	9.478	33.826	26.125	190.33	0.291	0.121
140.0	9.262	33.890	26.210	182.63	0.328	0.135
160.0	8.992	33.947	26.298	174.56	0.364	0.137
180.0	8.814	33.991	26.361	168.99	0.398	0.143
200.0	8.468	34.048	26.460	159.86	0.431	0.134
250.0	8.131	34.096	26.548	152.23	0.509	0.119
300.0	7.681	34.136	26.646	143.56	0.583	0.084
350.0	7.129	34.132	26.722	136.82	0.653	0.002
400.0	6.629	34.145	26.801	129.77	0.719	-0.056
450.0	6.166	34.162	26.875	123.04	0.783	-0.103
500.0	5.902	34.226	26.959	115.51	0.842	-0.086
550.0	5.545	34.257	27.028	109.29	0.898	-0.106
600.0	5.177	34.256	27.071	105.34	0.952	-0.151
650.0	5.168	34.317	27.121	101.22	1.004	-0.104
700.0	4.867	34.332	27.167	96.96	1.053	-0.127
750.0	4.705	34.351	27.201	94.05	1.101	-0.130
800.0	4.556	34.380	27.241	90.62	1.147	-0.124
1000.0	4.047	34.447	27.350	81.30	1.318	-0.126
1200.0	3.509	34.487	27.436	73.52	1.472	-0.148
1400.0	3.020	34.529	27.517	65.98	1.611	-0.161
1600.0	2.604	34.562	27.581	59.80	1.735	-0.172
1800.0	2.323	34.585	27.624	55.77	1.851	-0.178
2000.0	2.067	34.610	27.665	51.77	1.958	-0.180
2200.0	1.887	34.631	27.697	48.78	2.058	-0.178
2400.0	1.794	34.644	27.715	47.41	2.154	-0.176
2600.0	1.713	34.654	27.730	46.32	2.248	-0.175
2800.0	1.673	34.659	27.739	46.08	2.340	-0.175
3000.0	1.607	34.668	27.752	45.15	2.431	-0.174
3099.0	1.582	34.670	27.756	44.95	2.476	-0.175

STATION: 15 DATE: 3/22/90 0030 GMT

LAT: 36 20.0 N. LON: 122 42.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.071	33.228	25.200	275.79	0.008	0.114
5.0	12.071	33.228	25.200	275.83	0.014	0.114
10.0	12.066	33.229	25.203	275.74	0.028	0.114
15.0	12.059	33.231	25.205	275.62	0.041	0.114
20.0	12.043	33.236	25.213	275.04	0.055	0.115
25.0	12.016	33.242	25.222	274.26	0.069	0.114
30.0	11.796	33.251	25.270	269.81	0.082	0.079
40.0	11.575	33.301	25.350	262.40	0.109	0.077
50.0	11.429	33.315	25.388	259.02	0.135	0.060
60.0	11.389	33.321	25.400	258.15	0.161	0.057
70.0	11.120	33.341	25.464	252.23	0.186	0.023
80.0	10.910	33.357	25.514	247.68	0.211	-0.003
100.0	10.290	33.565	25.785	222.35	0.259	0.051
120.0	9.829	33.681	25.954	206.64	0.301	0.064
140.0	9.413	33.846	26.151	188.20	0.341	0.125
160.0	9.150	33.931	26.260	178.22	0.378	0.149
180.0	8.818	34.000	26.367	168.34	0.412	0.151
200.0	8.711	34.057	26.429	162.85	0.445	0.179
250.0	8.144	34.116	26.562	150.93	0.524	0.137
300.0	7.542	34.131	26.663	141.91	0.597	0.060
350.0	6.933	34.127	26.745	134.54	0.666	-0.029
400.0	6.626	34.173	26.823	127.69	0.732	-0.035
450.0	6.273	34.198	26.890	121.77	0.794	-0.061
500.0	5.917	34.217	26.950	116.37	0.854	-0.092
550.0	5.581	34.220	26.994	112.46	0.911	-0.131
600.0	5.285	34.246	27.050	107.43	0.966	-0.146
650.0	5.163	34.314	27.119	101.42	1.018	-0.107
700.0	4.979	34.328	27.152	98.60	1.068	-0.117
750.0	4.780	34.341	27.185	95.70	1.116	-0.130
800.0	4.645	34.375	27.227	92.03	1.163	-0.118
1000.0	4.057	34.449	27.350	81.31	1.337	-0.124
1200.0	3.513	34.488	27.436	73.53	1.492	-0.148
1400.0	3.015	34.530	27.518	65.89	1.631	-0.161
1600.0	2.662	34.559	27.573	60.75	1.758	-0.170
1800.0	2.373	34.581	27.616	56.71	1.875	-0.178
2000.0	2.084	34.608	27.662	52.12	1.984	-0.180
2200.0	1.909	34.631	27.695	49.09	2.084	-0.177
2400.0	1.803	34.644	27.715	47.50	2.181	-0.175
2600.0	1.717	34.653	27.730	46.42	2.275	-0.175
2800.0	1.650	34.661	27.742	45.62	2.367	-0.175
3000.0	1.606	34.667	27.752	45.17	2.458	-0.175
3101.0	1.586	34.669	27.755	45.08	2.503	-0.176

STATION: 16 DATE: 3/22/90 0641 GMT

LAT: 36 19.9 N. LON: 122 48.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.039	33.240	25.216	274.33	0.008	0.117
5.0	12.040	33.241	25.216	274.32	0.014	0.118
10.0	12.044	33.241	25.216	274.50	0.027	0.119
15.0	12.043	33.242	25.217	274.52	0.041	0.119
20.0	12.045	33.244	25.218	274.49	0.055	0.121
25.0	12.047	33.248	25.221	274.38	0.069	0.124
30.0	12.044	33.251	25.224	274.22	0.082	0.126
40.0	11.976	33.257	25.241	272.79	0.110	0.118
50.0	11.608	33.236	25.294	267.99	0.137	0.031
60.0	11.579	33.272	25.327	265.09	0.163	0.053
70.0	11.404	33.313	25.391	259.21	0.190	0.053
80.0	11.029	33.373	25.506	248.53	0.215	0.031
100.0	10.405	33.466	25.688	231.58	0.263	-0.007
120.0	9.889	33.594	25.876	214.04	0.307	0.005
140.0	9.437	33.763	26.082	194.77	0.348	0.063
160.0	9.101	33.867	26.218	182.16	0.386	0.091
180.0	8.776	33.947	26.332	171.67	0.421	0.102
200.0	8.638	34.012	26.405	165.12	0.455	0.131
250.0	8.001	34.077	26.553	151.70	0.534	0.085
300.0	7.519	34.122	26.659	142.26	0.608	0.050
350.0	7.087	34.145	26.738	135.32	0.677	0.006
400.0	6.593	34.157	26.815	128.39	0.743	-0.051
450.0	5.993	34.156	26.892	121.29	0.805	-0.130
500.0	5.758	34.191	26.949	116.30	0.865	-0.132
550.0	5.554	34.225	27.001	111.79	0.922	-0.130
600.0	5.316	34.261	27.059	106.66	0.976	-0.130
650.0	5.149	34.307	27.115	101.77	1.028	-0.114
700.0	4.953	34.336	27.161	97.68	1.078	-0.114
750.0	4.776	34.368	27.206	93.70	1.126	-0.109
800.0	4.585	34.378	27.236	91.12	1.172	-0.123
1000.0	3.955	34.449	27.360	80.09	1.343	-0.134
1200.0	3.397	34.499	27.457	71.30	1.494	-0.149
1400.0	2.960	34.534	27.526	64.90	1.629	-0.163
1600.0	2.605	34.564	27.582	59.70	1.753	-0.171
1800.0	2.305	34.587	27.626	55.44	1.868	-0.179
2000.0	2.060	34.608	27.664	51.83	1.975	-0.182
2200.0	1.897	34.625	27.691	49.37	2.076	-0.182
2400.0	1.798	34.641	27.712	47.69	2.174	-0.178
2600.0	1.724	34.652	27.728	46.62	2.268	-0.176
2800.0	1.662	34.658	27.739	45.97	2.360	-0.177
2925.0	1.618	34.664	27.747	45.36	2.417	-0.176

STATION: 18 DATE: 3/22/90 1130 GMT

LAT: 36 20.0 N. LON: 123 2.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.866	33.221	25.233	272.65	0.008	0.069
5.0	11.862	33.221	25.234	272.62	0.014	0.068
10.0	11.855	33.221	25.235	272.62	0.027	0.066
15.0	11.863	33.222	25.235	272.79	0.041	0.069
20.0	11.867	33.227	25.238	272.61	0.055	0.073
25.0	11.872	33.229	25.239	272.65	0.068	0.076
30.0	11.805	33.204	25.232	273.43	0.082	0.043
40.0	11.367	33.296	25.384	259.14	0.108	0.034
50.0	11.432	33.328	25.398	258.12	0.134	0.071
60.0	11.423	33.330	25.401	258.04	0.160	0.071
70.0	11.088	33.334	25.465	252.16	0.186	0.012
80.0	10.488	33.334	25.570	242.28	0.210	-0.097
100.0	9.822	33.556	25.856	215.43	0.255	-0.036
120.0	9.301	33.687	26.045	197.87	0.296	-0.019
140.0	9.091	33.844	26.201	183.38	0.334	0.071
160.0	8.942	33.883	26.256	178.54	0.371	0.078
180.0	8.507	33.924	26.356	169.34	0.405	0.042
200.0	8.221	33.973	26.438	161.83	0.438	0.036
250.0	7.826	34.061	26.566	150.36	0.516	0.047
300.0	7.551	34.106	26.642	143.94	0.589	0.041
350.0	7.043	34.123	26.727	136.34	0.659	-0.017
400.0	6.472	34.123	26.804	129.34	0.726	-0.094
450.0	6.184	34.168	26.877	122.83	0.788	-0.096
500.0	5.862	34.201	26.944	116.85	0.848	-0.111
550.0	5.539	34.250	27.023	109.71	0.905	-0.112
600.0	5.125	34.268	27.087	103.77	0.958	-0.147
650.0	4.987	34.303	27.130	100.06	1.009	-0.136
700.0	4.904	34.342	27.171	96.67	1.059	-0.115
750.0	4.745	34.377	27.217	92.64	1.106	-0.105
800.0	4.549	34.399	27.257	89.09	1.151	-0.109
1000.0	3.908	34.462	27.375	78.57	1.318	-0.128
1200.0	3.412	34.500	27.456	71.44	1.468	-0.148
1400.0	3.004	34.531	27.520	65.64	1.604	-0.161
1600.0	2.619	34.558	27.576	60.30	1.730	-0.175
1800.0	2.315	34.583	27.622	55.86	1.846	-0.181
2000.0	2.090	34.603	27.657	52.56	1.955	-0.184
2200.0	1.933	34.622	27.686	50.04	2.057	-0.182
2400.0	1.821	34.639	27.709	48.13	2.155	-0.178
2600.0	1.741	34.650	27.725	46.98	2.250	-0.176
2800.0	1.683	34.658	27.737	46.29	2.343	-0.175
3000.0	1.621	34.666	27.749	45.48	2.435	-0.175
3200.0	1.582	34.671	27.757	45.17	2.526	-0.175
3369.0	1.564	34.675	27.763	45.12	2.602	-0.174

STATION: 17 DATE: 3/22/90 2248 GMT

LAT: 36 19.8 N. LON: 122 55.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	17.215	33.027	23.951	394.82	0.012	1.083
5.0	17.213	33.028	23.952	394.77	0.020	1.084
10.0	16.330	33.052	24.176	373.59	0.039	0.892
15.0	15.748	33.119	24.359	356.28	0.057	0.808
20.0	15.532	33.163	24.441	348.58	0.075	0.793
25.0	15.446	33.173	24.468	346.21	0.092	0.781
30.0	15.328	33.177	24.497	343.57	0.109	0.757
40.0	15.184	33.162	24.517	341.95	0.144	0.713
50.0	14.128	33.055	24.659	328.62	0.178	0.396
60.0	11.269	32.821	25.033	292.98	0.209	-0.365
70.0	10.816	32.886	25.164	280.73	0.237	-0.397
80.0	10.047	32.922	25.324	265.60	0.265	-0.504
100.0	9.335	33.216	25.671	232.96	0.314	-0.388
120.0	9.229	33.490	25.902	211.36	0.359	-0.187
140.0	8.469	33.609	26.114	191.48	0.399	-0.214
160.0	8.196	33.798	26.303	173.78	0.435	-0.106
180.0	8.060	33.915	26.416	163.42	0.469	-0.033
200.0	7.862	33.964	26.484	157.30	0.501	-0.024
250.0	7.636	34.070	26.601	146.98	0.577	0.026
300.0	6.738	34.020	26.686	139.15	0.648	-0.139
350.0	6.304	34.069	26.783	130.44	0.715	-0.158
400.0	5.780	34.082	26.859	123.47	0.778	-0.214
450.0	5.204	34.075	26.923	117.49	0.839	-0.289
500.0	4.922	34.119	26.990	111.38	0.896	-0.287
550.0	4.846	34.178	27.046	106.57	0.950	-0.249
600.0	4.878	34.252	27.102	102.00	1.003	-0.188
650.0	4.657	34.261	27.134	99.20	1.053	-0.205
700.0	4.624	34.304	27.172	96.06	1.102	-0.175
750.0	4.584	34.359	27.220	92.02	1.149	-0.137
800.0	4.445	34.389	27.260	88.61	1.194	-0.129
1000.0	3.872	34.459	27.377	78.33	1.361	-0.134
1200.0	3.430	34.500	27.454	71.66	1.510	-0.146
1400.0	2.930	34.528	27.524	65.00	1.646	-0.170
1600.0	2.596	34.556	27.576	60.18	1.772	-0.178
1800.0	2.273	34.583	27.626	55.36	1.887	-0.184
2000.0	2.052	34.604	27.661	51.99	1.994	-0.185
2200.0	1.923	34.624	27.689	49.73	2.096	-0.181
2400.0	1.837	34.637	27.706	48.47	2.194	-0.178
2600.0	1.759	34.649	27.723	47.30	2.290	-0.176
2800.0	1.703	34.658	27.736	46.56	2.383	-0.174
3000.0	1.646	34.664	27.746	45.98	2.476	-0.175
3200.0	1.610	34.669	27.754	45.72	2.567	-0.175
3400.0	1.599	34.672	27.758	45.94	2.659	-0.174
3479.0	1.570	34.674	27.763	45.59	2.695	-0.175

STATION: 19 DATE: 3/23/90 0406 GMT

LAT: 36 15.5 N. LON: 123 11.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.211	33.243	25.185	277.20	0.008	0.153
5.0	12.202	33.239	25.184	277.38	0.014	0.148
10.0	11.992	33.214	25.204	275.56	0.028	0.087
15.0	11.936	33.208	25.210	275.12	0.041	0.071
20.0	11.888	33.201	25.214	274.86	0.055	0.057
25.0	11.667	33.201	25.255	271.10	0.069	0.014
30.0	11.492	33.226	25.307	266.26	0.082	0.001
40.0	11.461	33.318	25.384	259.19	0.109	0.068
50.0	11.406	33.336	25.409	257.08	0.134	0.072
60.0	11.177	33.361	25.469	251.52	0.160	0.049
70.0	10.960	33.408	25.545	244.52	0.185	0.047
80.0	10.099	33.390	25.680	231.77	0.209	-0.120
100.0	9.715	33.493	25.825	218.37	0.253	-0.104
120.0	9.464	33.731	26.053	197.14	0.295	0.043
140.0	9.301	33.871	26.189	184.60	0.333	0.127
160.0	9.131	33.972	26.296	174.85	0.369	0.179
180.0	8.965	34.026	26.364	168.69	0.403	0.194
200.0	8.613	34.046	26.436	162.19	0.436	0.155
250.0	7.880	34.079	26.572	149.80	0.514	0.069
300.0	7.313	34.104	26.674	140.74	0.586	0.006
350.0	6.804	34.120	26.757	133.31	0.655	-0.052
400.0	6.274	34.129	26.834	126.26	0.720	-0.115
450.0	5.968	34.185	26.918	118.81	0.781	-0.110
500.0	5.714	34.232	26.987	112.66	0.839	-0.105
550.0	5.457	34.268	27.047	107.34	0.894	-0.108
600.0	5.231	34.306	27.104	102.30	0.947	-0.105
650.0	4.994	34.338	27.158	97.51	0.996	-0.107
700.0	4.834	34.367	27.199	93.96	1.044	-0.103
750.0	4.674	34.386	27.232	91.12	1.091	-0.106
800.0	4.499	34.409	27.270	87.78	1.135	-0.107
1000.0	3.771	34.476	27.401	75.87	1.299	-0.130
1200.0	3.287	34.511	27.477	69.12	1.443	-0.150
1400.0	2.943	34.542	27.534	64.11	1.576	-0.158
1600.0	2.629	34.566	27.582	59.80	1.700	-0.167
1800.0	2.314	34.587	27.626	55.55	1.815	-0.178
2000.0	2.067	34.612	27.667	51.58	1.922	-0.178
2200.0	1.928	34.628	27.691	49.54	2.023	-0.178
2400.0	1.826	34.641	27.711	48.01	2.121	-0.176
2600.0	1.752	34.651	27.725	47.05	2.216	-0.175
2800.0	1.701	34.658	27.736	46.54	2.309	-0.174
3000.0	1.655	34.663	27.745	46.14	2.402	-0.174
3200.0	1.602	34.669	27.754	45.61	2.493	-0.175
3341.0	1.566	34.673	27.761	45.21	2.558	-0.175

STATION: 20 DATE: 3/23/90 1011 GMT

LAT: 36 7.0 N. LON: 123 30.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.763	32.898	24.812	312.75	0.009	-0.013
5.0	12.763	32.898	24.812	312.80	0.016	-0.013
10.0	12.761	32.899	24.814	312.77	0.031	-0.012
15.0	12.754	32.901	24.816	312.64	0.047	-0.012
20.0	12.726	32.902	24.823	312.13	0.063	-0.017
25.0	12.660	32.907	24.839	310.70	0.078	-0.027
30.0	12.598	32.910	24.854	309.42	0.094	-0.036
40.0	12.112	32.891	24.932	302.20	0.124	-0.148
50.0	12.083	32.926	24.965	299.31	0.154	-0.126
60.0	11.891	32.939	25.011	295.15	0.184	-0.153
70.0	11.610	32.961	25.080	288.81	0.213	-0.189
80.0	11.472	33.067	25.188	278.78	0.242	-0.131
100.0	9.658	32.934	25.398	258.94	0.295	-0.561
120.0	9.510	33.199	25.629	237.34	0.345	-0.374
140.0	9.420	33.584	25.945	207.72	0.389	-0.081
160.0	8.568	33.671	26.148	188.64	0.429	-0.149
180.0	8.657	33.895	26.310	173.73	0.465	0.042
200.0	8.256	33.947	26.412	164.27	0.499	0.021
250.0	7.635	34.008	26.552	151.58	0.578	-0.023
300.0	6.636	33.975	26.664	141.14	0.651	-0.189
350.0	6.008	33.977	26.747	133.54	0.719	-0.269
400.0	5.572	34.007	26.825	126.44	0.784	-0.299
450.0	5.512	34.097	26.904	119.57	0.846	-0.235
500.0	5.339	34.167	26.980	112.85	0.904	-0.201
550.0	5.262	34.222	27.033	108.36	0.959	-0.167
600.0	4.804	34.221	27.086	103.38	1.012	-0.220
650.0	4.804	34.292	27.143	98.61	1.062	-0.165
700.0	4.703	34.336	27.189	94.68	1.111	-0.142
750.0	4.561	34.364	27.227	91.38	1.157	-0.136
800.0	4.373	34.384	27.264	88.08	1.202	-0.140
1000.0	3.821	34.452	27.376	78.28	1.368	-0.145
1200.0	3.290	34.496	27.464	70.30	1.516	-0.162
1400.0	2.932	34.535	27.529	64.50	1.651	-0.164
1600.0	2.636	34.565	27.580	60.00	1.775	-0.168
1800.0	2.328	34.591	27.628	55.43	1.891	-0.174
2000.0	2.089	34.611	27.664	51.96	1.997	-0.178
2200.0	1.919	34.628	27.692	49.39	2.099	-0.178
2400.0	1.823	34.642	27.711	47.94	2.196	-0.176
2600.0	1.749	34.652	27.727	46.91	2.291	-0.174
2800.0	1.687	34.659	27.738	46.27	2.384	-0.174
3000.0	1.637	34.665	27.747	45.78	2.476	-0.175
3199.0	1.602	34.668	27.754	45.67	2.567	-0.176

STATION: 21 DATE: 3/23/90 1723 GMT

LAT: 35 56.8 N. LON: 123 52.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.470	32.853	24.834	310.69	0.009	-0.107
5.0	12.471	32.853	24.833	310.75	0.016	-0.107
10.0	12.472	32.853	24.833	310.88	0.031	-0.107
15.0	12.471	32.854	24.834	310.90	0.047	-0.107
20.0	12.459	32.854	24.837	310.77	0.062	-0.109
25.0	12.427	32.854	24.843	310.33	0.078	-0.116
30.0	12.350	32.859	24.862	308.64	0.093	-0.126
40.0	11.713	32.830	24.959	299.61	0.124	-0.274
50.0	11.743	32.935	25.035	292.64	0.153	-0.184
60.0	11.338	32.977	25.142	282.68	0.182	-0.227
70.0	11.262	33.062	25.222	275.25	0.210	-0.173
80.0	11.199	33.122	25.280	269.98	0.237	-0.138
100.0	11.148	33.191	25.344	264.39	0.291	-0.092
120.0	11.065	33.273	25.422	257.37	0.343	-0.043
140.0	9.189	33.234	25.709	230.10	0.392	-0.398
160.0	8.638	33.591	26.074	195.66	0.434	-0.202
180.0	8.206	33.765	26.277	176.67	0.471	-0.130
200.0	8.011	33.867	26.386	166.65	0.506	-0.079
250.0	7.878	34.043	26.544	152.48	0.585	0.040
300.0	6.665	33.971	26.657	141.83	0.658	-0.188
350.0	6.161	33.976	26.728	135.52	0.727	-0.250
400.0	6.280	34.115	26.823	127.38	0.793	-0.125
450.0	5.776	34.127	26.896	120.67	0.855	-0.180
500.0	5.431	34.162	26.965	114.35	0.914	-0.194
550.0	5.164	34.211	27.036	107.99	0.970	-0.187
600.0	5.001	34.252	27.088	103.48	1.023	-0.174
650.0	4.799	34.284	27.137	99.15	1.073	-0.171
700.0	4.715	34.326	27.179	95.56	1.122	-0.148
750.0	4.649	34.371	27.223	91.92	1.169	-0.121
800.0	4.534	34.402	27.261	88.68	1.214	-0.109
1000.0	3.889	34.471	27.385	77.64	1.380	-0.123
1200.0	3.404	34.514	27.468	70.28	1.527	-0.137
1400.0	2.946	34.542	27.534	64.15	1.662	-0.158
1600.0	2.635	34.567	27.582	59.83	1.786	-0.166
1800.0	2.306	34.594	27.632	54.90	1.901	-0.173
2000.0	2.088	34.617	27.669	51.51	2.007	-0.173
2200.0	1.906	34.634	27.698	48.83	2.107	-0.174
2400.0	1.816	34.646	27.715	47.56	2.203	-0.173
2600.0	1.747	34.657	27.731	46.52	2.298	-0.170
2800.0	1.648	34.663	27.744	45.45	2.390	-0.174
3000.0	1.624	34.667	27.750	45.45	2.480	-0.174
3200.0	1.598	34.670	27.755	45.48	2.571	-0.175
3400.0	1.556	34.674	27.763	45.13	2.662	-0.175
3600.0	1.535	34.679	27.770	45.02	2.752	-0.174
3801.0	1.512	34.683	27.776	44.97	2.843	-0.174

STATION: 22 DATE: 3/24/90 1011 GMT

LAT: 35 45.9 N. LON: 124 13.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.651	32.955	24.878	306.48	0.009	0.010
5.0	12.655	32.956	24.878	306.53	0.015	0.012
10.0	12.657	32.956	24.878	306.65	0.031	0.013
15.0	12.660	32.956	24.877	306.85	0.046	0.013
20.0	12.659	32.956	24.877	306.95	0.061	0.012
25.0	12.663	32.960	24.880	306.84	0.077	0.016
30.0	12.660	32.973	24.891	305.95	0.092	0.026
40.0	12.661	32.981	24.897	305.61	0.123	0.032
50.0	12.659	32.986	24.902	305.40	0.153	0.036
60.0	12.481	33.024	24.966	299.55	0.184	0.031
70.0	11.688	33.027	25.117	285.32	0.213	-0.122
80.0	11.023	33.060	25.264	271.52	0.241	-0.219
100.0	10.784	33.176	25.396	259.31	0.294	-0.170
120.0	9.567	33.196	25.617	238.45	0.344	-0.367
140.0	9.298	33.471	25.877	214.20	0.389	-0.192
160.0	9.034	33.681	26.083	194.93	0.430	-0.067
180.0	8.678	33.812	26.242	180.17	0.467	-0.020
200.0	8.320	33.925	26.385	166.80	0.502	0.014
250.0	7.829	34.030	26.541	152.70	0.581	0.023
300.0	7.269	34.072	26.655	142.50	0.655	-0.025
350.0	6.738	34.109	26.757	133.24	0.723	-0.070
400.0	5.942	34.083	26.840	125.44	0.788	-0.194
450.0	5.219	34.059	26.909	118.84	0.849	-0.300
500.0	4.965	34.100	26.971	113.28	0.907	-0.297
550.0	4.612	34.133	27.036	107.21	0.962	-0.311
600.0	4.687	34.229	27.105	101.39	1.014	-0.227
650.0	4.564	34.276	27.156	96.98	1.064	-0.204
700.0	4.344	34.295	27.195	93.42	1.111	-0.212
750.0	4.353	34.355	27.242	89.56	1.157	-0.165
800.0	4.286	34.398	27.284	86.05	1.201	-0.138
1000.0	3.720	34.461	27.393	76.42	1.363	-0.147
1200.0	3.255	34.506	27.475	69.12	1.508	-0.157
1400.0	2.875	34.541	27.539	63.42	1.641	-0.165
1600.0	2.551	34.566	27.588	58.88	1.763	-0.174
1800.0	2.221	34.591	27.636	54.15	1.876	-0.182
2000.0	2.052	34.615	27.670	51.22	1.981	-0.177
2200.0	1.890	34.631	27.696	48.84	2.081	-0.178
2400.0	1.825	34.644	27.713	47.77	2.178	-0.173
2600.0	1.746	34.654	27.728	46.72	2.272	-0.173
2800.0	1.673	34.661	27.740	45.93	2.365	-0.174
3000.0	1.619	34.666	27.749	45.46	2.456	-0.175
3200.0	1.586	34.670	27.757	45.27	2.547	-0.175
3400.0	1.543	34.673	27.763	45.01	2.637	-0.177
3600.0	1.522	34.677	27.769	45.01	2.727	-0.177
3755.0	1.501	34.681	27.775	44.82	2.797	-0.176

STATION: 23 DATE: 3/25/90 0430 GMT

LAT: 36 27.1 N. LON: 122 47.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.995	33.293	25.265	269.63	0.008	0.151
5.0	11.996	33.293	25.265	269.69	0.013	0.151
10.0	11.996	33.293	25.265	269.81	0.027	0.151
15.0	11.997	33.293	25.265	269.93	0.040	0.151
20.0	11.994	33.296	25.268	269.73	0.054	0.153
25.0	11.979	33.311	25.283	268.51	0.067	0.161
30.0	11.957	33.332	25.303	266.64	0.081	0.174
40.0	11.818	33.337	25.333	264.06	0.107	0.151
50.0	11.559	33.352	25.393	258.56	0.134	0.114
60.0	10.997	33.390	25.524	246.30	0.159	0.039
70.0	10.872	33.404	25.557	243.35	0.183	0.027
80.0	10.836	33.404	25.564	242.91	0.207	0.021
100.0	10.324	33.520	25.744	226.20	0.255	0.022
120.0	9.959	33.632	25.894	212.36	0.299	0.048
140.0	9.603	33.783	26.071	195.87	0.339	0.107
160.0	9.251	33.895	26.216	182.41	0.377	0.137
180.0	8.921	33.970	26.328	172.14	0.412	0.143
200.0	8.650	34.025	26.413	164.31	0.446	0.144
250.0	8.018	34.085	26.557	151.38	0.524	0.094
300.0	7.578	34.128	26.655	142.65	0.597	0.063
350.0	6.976	34.142	26.751	134.02	0.666	-0.011
400.0	6.719	34.183	26.818	128.20	0.732	-0.014
450.0	6.270	34.196	26.889	121.88	0.794	-0.063
500.0	5.932	34.231	26.960	115.52	0.854	-0.079
550.0	5.710	34.254	27.005	111.62	0.911	-0.089
600.0	5.436	34.282	27.061	106.65	0.965	-0.100
650.0	5.300	34.301	27.093	104.09	1.018	-0.102
700.0	5.047	34.330	27.146	99.30	1.069	-0.108
750.0	4.820	34.366	27.200	94.35	1.117	-0.105
800.0	4.645	34.388	27.237	91.11	1.163	-0.108
1000.0	4.110	34.447	27.343	82.11	1.336	-0.120
1200.0	3.564	34.497	27.439	73.44	1.491	-0.135
1400.0	3.048	34.532	27.516	66.13	1.630	-0.157
1600.0	2.690	34.561	27.573	60.89	1.757	-0.166
1800.0	2.336	34.588	27.625	55.71	1.873	-0.175
2000.0	2.117	34.609	27.660	52.46	1.980	-0.177
2200.0	1.948	34.628	27.690	49.79	2.082	-0.176
2400.0	1.829	34.643	27.712	47.94	2.180	-0.174
2600.0	1.743	34.653	27.727	46.79	2.275	-0.174
2800.0	1.664	34.662	27.742	45.74	2.367	-0.174
2985.0	1.610	34.667	27.751	45.21	2.451	-0.175

STATION: 24 DATE: 3/25/90 0830 GMT

LAT: 36 35.8 N. LON: 122 29.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.162	33.270	25.216	274.32	0.008	0.165
5.0	12.164	33.270	25.215	274.40	0.014	0.165
10.0	12.165	33.271	25.216	274.47	0.027	0.166
15.0	12.167	33.272	25.217	274.54	0.041	0.167
20.0	12.163	33.273	25.219	274.48	0.055	0.168
25.0	12.146	33.274	25.222	274.24	0.069	0.164
30.0	11.898	33.287	25.280	268.91	0.082	0.127
40.0	11.713	33.298	25.322	265.08	0.109	0.100
50.0	11.528	33.289	25.350	262.71	0.135	0.057
60.0	11.095	33.307	25.442	254.11	0.161	-0.009
70.0	10.790	33.382	25.555	243.59	0.186	-0.005
80.0	10.498	33.439	25.650	234.70	0.210	-0.012
100.0	9.654	33.667	25.971	204.51	0.254	0.024
120.0	9.445	33.824	26.129	189.96	0.293	0.114
140.0	9.147	33.918	26.251	178.72	0.330	0.139
160.0	8.818	34.001	26.368	167.91	0.365	0.152
180.0	8.685	34.060	26.435	161.88	0.398	0.177
200.0	8.389	34.085	26.500	155.98	0.429	0.150
250.0	8.010	34.108	26.576	149.53	0.506	0.111
300.0	7.372	34.127	26.684	139.85	0.578	0.033
350.0	6.846	34.137	26.764	132.62	0.646	-0.033
400.0	6.517	34.162	26.829	127.05	0.711	-0.058
450.0	6.315	34.205	26.889	121.85	0.773	-0.050
500.0	5.877	34.235	26.970	114.51	0.833	-0.082
550.0	5.613	34.261	27.023	109.83	0.889	-0.094
600.0	5.197	34.268	27.078	104.71	0.942	-0.139
650.0	5.167	34.312	27.117	101.58	0.994	-0.108
700.0	4.914	34.340	27.168	96.94	1.044	-0.115
750.0	4.672	34.355	27.208	93.39	1.091	-0.131
800.0	4.540	34.388	27.249	89.83	1.137	-0.119
1000.0	4.009	34.453	27.358	80.45	1.307	-0.125
1200.0	3.521	34.494	27.441	73.14	1.460	-0.142
1400.0	3.071	34.527	27.510	66.78	1.599	-0.159
1600.0	2.695	34.554	27.566	61.50	1.727	-0.171
1800.0	2.357	34.585	27.621	56.21	1.845	-0.176
2000.0	2.056	34.612	27.667	51.49	1.953	-0.179
2200.0	1.887	34.631	27.697	48.81	2.053	-0.178
2400.0	1.771	34.646	27.718	46.97	2.149	-0.176
2600.0	1.724	34.652	27.728	46.61	2.243	-0.176
2800.0	1.658	34.662	27.742	45.62	2.334	-0.174
2957.0	1.633	34.666	27.748	45.52	2.406	-0.174

STATION: 26 DATE: 3/25/90 1300 GMT

LAT: 36 36.6 N. LON: 122 9.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.759	33.544	25.685	229.68	0.007	0.120
5.0	10.759	33.544	25.685	229.73	0.011	0.120
10.0	10.754	33.545	25.687	229.68	0.023	0.120
15.0	10.751	33.547	25.689	229.58	0.034	0.121
20.0	10.741	33.550	25.693	229.27	0.046	0.121
25.0	10.638	33.572	25.728	226.05	0.057	0.120
30.0	10.489	33.585	25.765	222.69	0.069	0.104
40.0	10.191	33.598	25.826	217.09	0.090	0.062
50.0	10.048	33.627	25.873	212.79	0.112	0.060
60.0	9.895	33.668	25.931	207.48	0.133	0.066
70.0	9.651	33.733	26.022	199.02	0.153	0.076
80.0	9.269	33.840	26.169	185.31	0.173	0.098
100.0	9.030	33.931	26.278	175.26	0.209	0.131
120.0	8.863	33.970	26.336	170.16	0.243	0.135
140.0	8.609	34.031	26.423	162.21	0.276	0.143
160.0	8.400	34.036	26.459	159.09	0.308	0.114
180.0	8.275	34.054	26.493	156.22	0.340	0.109
200.0	8.067	34.088	26.551	151.01	0.371	0.105
250.0	7.587	34.096	26.628	144.36	0.444	0.040
300.0	7.219	34.130	26.708	137.46	0.515	0.014
350.0	6.936	34.161	26.771	132.05	0.582	-0.002
400.0	6.627	34.187	26.834	126.62	0.646	-0.023
450.0	6.276	34.204	26.894	121.37	0.708	-0.056
500.0	5.759	34.211	26.965	114.79	0.767	-0.116
550.0	5.526	34.259	27.031	108.91	0.824	-0.107
600.0	5.284	34.295	27.089	103.74	0.877	-0.107
650.0	5.099	34.315	27.127	100.55	0.928	-0.114
700.0	4.920	34.345	27.172	96.65	0.977	-0.111
750.0	4.726	34.367	27.212	93.12	1.025	-0.115
800.0	4.548	34.389	27.249	89.81	1.070	-0.117
1000.0	3.937	34.449	27.362	79.84	1.240	-0.135
1200.0	3.371	34.497	27.457	71.17	1.389	-0.154
1400.0	2.964	34.531	27.523	65.21	1.525	-0.165
1600.0	2.635	34.560	27.576	60.35	1.650	-0.172
1800.0	2.340	34.587	27.623	55.87	1.767	-0.176
1903.0	2.171	34.601	27.649	53.27	1.823	-0.179

STATION: 27 DATE: 3/25/90 1623 GMT

LAT: 36 43.2 N. LON: 122 14.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.187	33.326	25.439	253.06	0.008	0.024
5.0	11.187	33.327	25.440	253.03	0.013	0.025
10.0	11.160	33.331	25.448	252.38	0.025	0.023
15.0	11.125	33.336	25.458	251.52	0.038	0.021
20.0	11.092	33.342	25.469	250.62	0.050	0.019
25.0	11.038	33.351	25.486	249.14	0.063	0.016
30.0	10.995	33.358	25.499	247.99	0.075	0.014
40.0	10.869	33.378	25.537	244.56	0.100	0.007
50.0	10.321	33.426	25.670	232.15	0.124	-0.053
60.0	9.977	33.527	25.807	219.30	0.147	-0.032
70.0	9.665	33.644	25.951	205.84	0.168	0.008
80.0	9.472	33.756	26.070	194.66	0.188	0.065
100.0	9.318	33.878	26.191	183.59	0.226	0.136
120.0	9.122	33.959	26.286	174.93	0.261	0.168
140.0	8.792	34.005	26.374	166.89	0.295	0.151
160.0	8.563	34.031	26.431	161.88	0.328	0.135
180.0	8.368	34.053	26.478	157.71	0.360	0.122
200.0	8.187	34.069	26.518	154.16	0.391	0.108
250.0	7.715	34.102	26.615	145.73	0.466	0.063
300.0	7.302	34.127	26.693	138.88	0.537	0.023
350.0	6.768	34.144	26.780	131.05	0.605	-0.038
400.0	6.298	34.179	26.871	122.85	0.668	-0.072
450.0	6.055	34.219	26.934	117.37	0.728	-0.072
500.0	5.885	34.241	26.973	114.21	0.786	-0.077
550.0	5.611	34.265	27.026	109.50	0.842	-0.092
600.0	5.313	34.285	27.078	104.88	0.895	-0.112
650.0	5.051	34.322	27.138	99.40	0.946	-0.113
700.0	4.918	34.342	27.169	96.85	0.995	-0.113
750.0	4.764	34.366	27.207	93.66	1.043	-0.112
800.0	4.500	34.401	27.264	88.34	1.088	-0.113
1000.0	3.880	34.460	27.377	78.39	1.255	-0.133
1055.0	3.727	34.472	27.402	76.13	1.297	-0.139

STATION: 33 DATE: 3/25/90 1841 GMT

LAT: 36 46.4 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.899	33.595	25.700	228.26	0.007	0.186
5.0	10.876	33.595	25.704	227.92	0.011	0.181
10.0	10.801	33.595	25.717	226.77	0.023	0.168
15.0	10.730	33.595	25.730	225.68	0.034	0.155
20.0	10.705	33.597	25.736	225.21	0.045	0.152
25.0	10.585	33.604	25.763	222.80	0.057	0.136
30.0	9.924	33.659	25.919	208.07	0.067	0.064
40.0	9.387	33.768	26.093	191.69	0.087	0.061
50.0	9.191	33.879	26.211	180.65	0.106	0.116
60.0	9.044	33.935	26.278	174.45	0.123	0.137
70.0	8.933	33.962	26.318	170.91	0.141	0.141
80.0	8.805	34.002	26.369	166.19	0.158	0.152
100.0	8.554	34.044	26.442	159.68	0.190	0.145
120.0	8.487	34.048	26.455	158.74	0.222	0.138
140.0	8.371	34.062	26.484	156.35	0.254	0.131
160.0	8.229	34.078	26.518	153.46	0.285	0.121
180.0	8.102	34.088	26.545	151.22	0.315	0.110
200.0	8.075	34.097	26.557	150.45	0.345	0.113
250.0	7.722	34.117	26.625	144.75	0.419	0.075
300.0	7.458	34.123	26.669	141.33	0.490	0.042
350.0	6.870	34.153	26.774	131.71	0.559	-0.017
400.0	6.575	34.177	26.833	126.71	0.624	-0.038
450.0	6.071	34.219	26.932	117.61	0.685	-0.071
500.0	5.804	34.248	26.989	112.61	0.742	-0.081
550.0	5.578	34.274	27.037	108.42	0.798	-0.088
600.0	5.263	34.307	27.102	102.58	0.850	-0.100
650.0	5.112	34.324	27.133	100.01	0.901	-0.105
700.0	4.778	34.360	27.199	93.80	0.950	-0.115
750.0	4.623	34.375	27.229	91.31	0.996	-0.120
800.0	4.486	34.391	27.257	88.92	1.041	-0.122
1000.0	3.819	34.458	27.381	77.81	1.209	-0.140
1011.0	3.731	34.464	27.395	76.42	1.217	-0.144

STATION: 29 DATE: 3/25/90 2048 GMT

LAT: 36 41.9 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	10.874	33.593	25.703	227.99	0.007	0.179
5.0	10.861	33.593	25.705	227.81	0.011	0.177
10.0	10.751	33.593	25.725	226.07	0.023	0.157
15.0	10.656	33.592	25.741	224.66	0.034	0.139
20.0	10.505	33.603	25.776	221.41	0.045	0.121
25.0	9.606	33.714	26.014	198.85	0.056	0.054
30.0	9.465	33.781	26.090	191.78	0.065	0.084
40.0	9.240	33.869	26.196	181.93	0.084	0.117
50.0	9.133	33.900	26.237	178.18	0.102	0.124
60.0	9.003	33.950	26.297	172.71	0.120	0.142
70.0	8.888	33.980	26.339	168.88	0.137	0.148
80.0	8.868	33.983	26.344	168.58	0.154	0.146
100.0	8.761	34.010	26.382	165.33	0.187	0.151
120.0	8.631	34.043	26.429	161.30	0.220	0.156
140.0	8.437	34.076	26.485	156.28	0.252	0.152
160.0	8.424	34.077	26.488	156.37	0.283	0.151
180.0	8.357	34.088	26.507	154.94	0.314	0.148
200.0	8.212	34.089	26.530	153.04	0.345	0.127
250.0	7.801	34.120	26.616	145.62	0.419	0.090
300.0	7.360	34.129	26.687	139.54	0.490	0.032
350.0	6.861	34.152	26.775	131.67	0.558	-0.019
400.0	6.465	34.183	26.852	124.79	0.621	-0.048
450.0	6.102	34.217	26.926	118.17	0.682	-0.068
500.0	5.815	34.246	26.986	112.91	0.740	-0.081
550.0	5.610	34.263	27.025	109.64	0.796	-0.093
600.0	5.390	34.288	27.071	105.63	0.850	-0.101
650.0	5.177	34.315	27.118	101.48	0.901	-0.104
700.0	5.006	34.338	27.156	98.23	0.951	-0.107
750.0	4.728	34.369	27.213	93.03	0.999	-0.114
800.0	4.560	34.387	27.246	90.11	1.044	-0.118
1000.0	3.981	34.445	27.354	80.70	1.216	-0.134
1200.0	3.297	34.508	27.473	69.46	1.368	-0.152
1400.0	2.776	34.554	27.558	61.31	1.497	-0.163
1573.0	2.463	34.581	27.607	56.63	1.601	-0.169

STATION: 0 DATE: 5/17/90 1918 GMT

LAT: 36 33.3 N. LON: 122 1.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.996	33.616	25.516	245.73	0.000	0.407
5.0	11.965	33.613	25.519	245.51	0.012	0.399
10.0	11.409	33.627	25.633	234.78	0.024	0.305
15.0	10.771	33.675	25.785	220.44	0.036	0.226
20.0	10.213	33.724	25.920	207.69	0.046	0.166
25.0	9.798	33.759	26.018	198.53	0.057	0.123
30.0	9.763	33.789	26.047	195.87	0.066	0.140
40.0	9.610	33.822	26.098	191.19	0.086	0.140
50.0	9.151	33.826	26.176	183.99	0.105	0.068
60.0	9.126	33.883	26.225	179.55	0.123	0.109
70.0	8.962	33.922	26.282	174.33	0.141	0.114
80.0	8.948	34.004	26.348	168.23	0.158	0.176
100.0	8.759	34.038	26.405	163.22	0.191	0.172
120.0	8.630	34.069	26.449	159.34	0.223	0.177
140.0	8.595	34.082	26.466	158.19	0.255	0.181
160.0	8.491	34.093	26.490	156.21	0.286	0.173
180.0	8.436	34.102	26.506	155.09	0.317	0.171
200.0	8.304	34.123	26.543	151.91	0.348	0.168
250.0	7.820	34.160	26.644	142.97	0.422	0.124
300.0	7.345	34.162	26.715	136.89	0.492	0.056
350.0	6.959	34.173	26.778	131.48	0.559	0.011
400.0	6.695	34.200	26.835	126.63	0.624	-0.004
450.0	6.272	34.234	26.918	119.15	0.686	-0.033
500.0	5.942	34.262	26.982	113.39	0.744	-0.053
550.0	5.588	34.289	27.048	107.46	0.799	-0.076
600.0	5.363	34.309	27.091	103.73	0.851	-0.087
643.4	5.179	34.329	27.129	100.43	0.896	-0.093

STATION: 1 DATE: 5/17/90 2123 GMT

LAT: 36 20.1 N. LON: 121 56.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	10.116	33.809	26.003	199.42	0.000	0.217
5.0	10.103	33.809	26.005	199.28	0.010	0.215
10.0	9.953	33.809	26.031	196.98	0.020	0.189
15.0	9.735	33.830	26.084	192.05	0.030	0.168
20.0	9.655	33.837	26.102	190.38	0.039	0.161
25.0	9.625	33.841	26.110	189.74	0.049	0.158
30.0	9.607	33.844	26.116	189.29	0.058	0.158
40.0	9.338	33.838	26.155	185.75	0.077	0.108
41.1	9.315	33.840	26.160	185.29	0.079	0.106

STATION: 2 DATE: 5/17/90 2218 GMT

LAT: 36 20.1 N. LON: 121 59.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.433	33.677	25.667	231.28	0.000	0.349
5.0	11.415	33.679	25.672	230.93	0.012	0.347
10.0	10.981	33.700	25.767	222.05	0.023	0.283
15.0	10.677	33.709	25.828	216.36	0.034	0.236
20.0	10.579	33.714	25.849	214.48	0.045	0.222
25.0	10.463	33.699	25.857	213.79	0.055	0.189
30.0	10.296	33.675	25.868	212.88	0.066	0.141
40.0	10.044	33.656	25.896	210.41	0.087	0.082
50.0	9.882	33.650	25.919	208.43	0.108	0.050
60.0	9.637	33.657	25.965	204.24	0.129	0.014
70.0	9.203	33.707	26.075	193.97	0.149	-0.018
80.0	9.110	33.759	26.130	188.90	0.168	0.007
98.4	8.852	33.989	26.352	168.23	0.200	0.148

STATION: 3 DATE. 5/17/90 2248 GMT

LAT: 36 20.2 N. LON: 121 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.320	33.555	25.593	238.34	0.000	0.231
5.0	11.139	33.548	25.621	235.85	0.012	0.192
10.0	10.752	33.504	25.655	232.71	0.024	0.086
15.0	9.824	33.394	25.728	225.83	0.035	-0.163
20.0	9.335	33.464	25.863	213.08	0.046	-0.189
25.0	9.056	33.551	25.976	202.49	0.056	-0.165
30.0	9.127	33.623	26.021	198.33	0.066	-0.097
40.0	8.994	33.692	26.096	191.37	0.086	-0.064
50.0	8.984	33.859	26.229	178.95	0.104	0.068
60.0	8.987	33.934	26.287	173.64	0.122	0.127
70.0	8.924	33.981	26.334	169.39	0.139	0.154
80.0	8.789	34.008	26.376	165.53	0.156	0.154
100.0	8.776	34.010	26.380	165.55	0.189	0.153
117.5	8.753	34.013	26.386	165.30	0.218	0.151

STATION: 4 DATE: 5/17/90 2353 GMT

LAT: 36 20.0 N. LON: 122 5.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.548	33.458	25.476	249.47	0.000	0.197
5.0	11.542	33.461	25.480	249.25	0.012	0.198
10.0	11.491	33.478	25.502	247.25	0.025	0.201
15.0	11.448	33.480	25.512	246.45	0.037	0.195
20.0	11.412	33.482	25.520	245.77	0.050	0.190
25.0	11.209	33.458	25.538	244.15	0.062	0.133
30.0	11.127	33.463	25.557	242.46	0.074	0.122
40.0	11.341	33.563	25.597	238.97	0.098	0.241
50.0	10.033	33.383	25.685	230.70	0.122	-0.137
60.0	9.584	33.339	25.725	227.03	0.145	-0.249
70.0	9.133	33.422	25.863	214.03	0.167	-0.256
80.0	9.161	33.749	26.114	190.43	0.187	0.008
100.0	9.010	33.957	26.302	173.05	0.223	0.148
120.0	8.815	34.025	26.386	165.36	0.257	0.171
140.0	8.543	34.050	26.448	159.82	0.289	0.147
160.0	8.376	34.069	26.489	156.29	0.321	0.137
180.0	8.246	34.084	26.521	153.59	0.352	0.128
200.0	8.169	34.106	26.550	151.18	0.382	0.134
250.0	7.863	34.153	26.632	144.13	0.456	0.124
296.4	7.779	34.149	26.643	143.94	0.523	0.108

STATION: 5 DATE: 5/18/90 0024 GMT

LAT: 36 20.2 N. LON: 122 8.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.130	33.489	25.392	257.51	0.000	0.333
5.0	12.140	33.493	25.393	257.52	0.013	0.338
10.0	12.023	33.476	25.402	256.75	0.026	0.302
15.0	11.874	33.459	25.417	255.46	0.039	0.259
20.0	11.760	33.446	25.428	254.50	0.051	0.227
25.0	11.726	33.439	25.429	254.53	0.064	0.215
30.0	11.688	33.443	25.439	253.70	0.077	0.211
40.0	10.898	33.364	25.521	246.14	0.102	0.001
50.0	9.646	33.332	25.710	228.31	0.126	-0.243
60.0	9.137	33.458	25.890	211.30	0.147	-0.227
70.0	8.945	33.566	26.005	200.55	0.168	-0.172
80.0	9.233	33.784	26.130	188.94	0.187	0.047
100.0	9.186	33.897	26.227	180.14	0.224	0.129
120.0	8.910	33.981	26.337	170.07	0.259	0.151
140.0	8.723	34.017	26.395	164.96	0.293	0.149
160.0	8.530	34.054	26.453	159.71	0.325	0.148
180.0	8.326	34.075	26.501	155.46	0.357	0.133
200.0	8.192	34.092	26.536	152.54	0.387	0.126
250.0	7.886	34.145	26.623	145.04	0.462	0.122
300.0	7.458	34.173	26.707	137.66	0.532	0.081
350.0	7.010	34.195	26.788	130.54	0.599	0.035
400.0	6.642	34.198	26.840	126.05	0.663	-0.013
450.0	6.198	34.198	26.899	120.83	0.725	-0.071
500.0	6.083	34.246	26.952	116.40	0.784	-0.048
550.0	5.872	34.250	26.982	113.98	0.841	-0.072
600.0	5.664	34.273	27.026	110.22	0.897	-0.080
650.0	5.544	34.301	27.063	107.22	0.952	-0.073
672.1	5.366	34.324	27.103	103.47	0.976	-0.076

STATION: 6 DATE: 5/18/90 0141 GMT

LAT: 36 20.0 N. LON: 122 13.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.879	33.379	25.353	261.14	0.000	0.197
5.0	11.866	33.370	25.349	261.69	0.013	0.187
10.0	11.898	33.398	25.365	260.28	0.026	0.216
15.0	11.950	33.462	25.405	256.63	0.039	0.276
20.0	11.839	33.463	25.426	254.70	0.052	0.255
25.0	11.778	33.464	25.439	253.64	0.065	0.245
30.0	11.821	33.481	25.444	253.24	0.077	0.266
40.0	11.272	33.427	25.503	247.85	0.102	0.120
50.0	9.819	33.321	25.672	231.87	0.126	-0.223
60.0	9.471	33.365	25.764	223.28	0.149	-0.246
70.0	9.374	33.383	25.794	220.66	0.171	-0.248
80.0	8.993	33.526	25.967	204.36	0.193	-0.196
100.0	9.362	33.801	26.124	189.99	0.232	0.082
120.0	9.119	33.935	26.268	176.66	0.269	0.148
140.0	8.826	34.007	26.371	167.22	0.303	0.158
160.0	8.583	34.047	26.440	160.99	0.336	0.151
180.0	8.409	34.077	26.491	156.52	0.368	0.148
200.0	8.289	34.105	26.531	153.04	0.399	0.151
250.0	7.840	34.150	26.634	143.98	0.473	0.119
300.0	7.471	34.181	26.712	137.25	0.543	0.089
350.0	6.935	34.195	26.798	129.52	0.610	0.025
400.0	6.512	34.211	26.868	123.32	0.673	-0.019
450.0	6.254	34.232	26.919	119.04	0.733	-0.037
500.0	5.899	34.265	26.990	112.62	0.791	-0.056
550.0	5.545	34.258	27.028	109.21	0.847	-0.106
600.0	5.513	34.291	27.059	106.96	0.901	-0.084
650.0	5.284	34.330	27.117	101.75	0.953	-0.081
700.0	5.113	34.343	27.148	99.19	1.003	-0.091
750.0	4.900	34.363	27.189	95.60	1.052	-0.099
800.0	4.815	34.370	27.204	94.54	1.099	-0.104
899.8	4.189	34.435	27.324	83.05	1.188	-0.120

STATION: 7 DATE: 5/18/90 0230 GMT

LAT: 36 20.1 N. LON: 122 15.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.971	33.240	25.228	273.04	0.000	0.104
5.0	11.957	33.242	25.232	272.79	0.014	0.102
10.0	11.850	33.254	25.262	270.04	0.027	0.092
15.0	11.448	33.311	25.380	258.93	0.040	0.061
20.0	11.528	33.383	25.422	255.07	0.053	0.133
25.0	11.598	33.407	25.428	254.65	0.066	0.165
30.0	11.515	33.399	25.437	253.88	0.079	0.143
40.0	10.038	33.301	25.620	236.63	0.103	-0.201
50.0	9.578	33.356	25.739	225.48	0.126	-0.236
60.0	9.372	33.420	25.823	217.72	0.148	-0.219
70.0	9.061	33.527	25.956	205.21	0.170	-0.185
80.0	9.140	33.699	26.079	193.78	0.190	-0.035
100.0	9.083	33.969	26.300	173.22	0.226	0.170
120.0	8.875	34.021	26.374	166.58	0.260	0.177
140.0	8.760	34.049	26.414	163.16	0.293	0.180
160.0	8.561	34.066	26.458	159.27	0.325	0.162
180.0	8.465	34.094	26.495	156.13	0.357	0.169
200.0	8.246	34.087	26.523	153.75	0.388	0.130
250.0	8.010	34.153	26.611	146.25	0.463	0.146
300.0	7.573	34.178	26.695	138.90	0.534	0.101
350.0	6.983	34.197	26.793	130.05	0.602	0.033
400.0	6.662	34.210	26.847	125.41	0.666	-0.001
450.0	6.276	34.229	26.913	119.55	0.727	-0.037
500.0	6.011	34.266	26.977	114.00	0.786	-0.042
550.0	5.583	34.263	27.028	109.33	0.842	-0.097
600.0	5.271	34.298	27.093	103.40	0.895	-0.107
650.0	5.130	34.328	27.134	99.96	0.946	-0.100
700.0	4.972	34.356	27.174	96.47	0.995	-0.096
750.0	4.806	34.371	27.206	93.84	1.043	-0.103
800.0	4.676	34.383	27.230	91.85	1.089	-0.109
975.3	3.882	34.461	27.377	78.13	1.239	-0.131

STATION: 8 DATE: 5/18/90 0636 GMT

LAT: 36 20.1 N. LON: 122 19.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.884	33.264	25.263	269.72	0.000	0.106
5.0	11.885	33.264	25.263	269.85	0.013	0.106
10.0	11.880	33.265	25.265	269.81	0.027	0.106
15.0	11.804	33.270	25.283	268.20	0.040	0.095
20.0	11.631	33.289	25.330	263.82	0.054	0.078
25.0	11.553	33.298	25.351	261.97	0.067	0.070
30.0	11.466	33.308	25.375	259.79	0.080	0.061
40.0	11.257	33.327	25.428	254.95	0.106	0.038
50.0	10.637	33.297	25.515	246.92	0.131	-0.100
60.0	9.835	33.316	25.666	232.63	0.155	-0.224
70.0	9.351	33.439	25.842	216.12	0.177	-0.207
80.0	9.107	33.616	26.019	199.47	0.198	-0.107
100.0	9.312	33.862	26.179	184.71	0.236	0.122
120.0	8.975	33.992	26.335	170.25	0.271	0.170
140.0	8.717	34.063	26.431	161.46	0.304	0.185
160.0	8.587	34.091	26.474	157.79	0.336	0.186
180.0	8.342	34.128	26.541	151.74	0.367	0.178
200.0	8.091	34.151	26.597	146.73	0.397	0.157
250.0	7.750	34.169	26.662	141.30	0.469	0.121
300.0	7.334	34.187	26.736	134.87	0.538	0.074
350.0	6.963	34.202	26.800	129.37	0.604	0.034
400.0	6.649	34.214	26.852	124.95	0.667	0.001
450.0	6.378	34.227	26.899	121.04	0.729	-0.025
500.0	6.100	34.243	26.947	116.87	0.788	-0.049
550.0	5.927	34.269	26.990	113.30	0.845	-0.050
600.0	5.479	34.275	27.050	107.71	0.901	-0.101
650.0	5.234	34.303	27.102	103.12	0.953	-0.108
700.0	4.887	34.356	27.184	95.42	1.003	-0.106
750.0	4.705	34.382	27.226	91.78	1.050	-0.106
800.0	4.498	34.404	27.266	88.13	1.095	-0.111
891.4	4.210	34.433	27.320	83.37	1.174	-0.120

STATION: 9 DATE: 5/18/90 0741 GMT

LAT: 36 20.1 N. LON: 122 22.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.145	33.233	25.190	276.68	0.000	0.132
5.0	12.136	33.234	25.193	276.55	0.014	0.131
10.0	12.048	33.243	25.216	274.42	0.028	0.121
15.0	11.723	33.282	25.307	265.89	0.041	0.090
20.0	11.214	33.327	25.435	253.83	0.054	0.030
25.0	11.109	33.317	25.447	252.87	0.067	0.002
30.0	11.070	33.309	25.448	252.87	0.079	-0.011
40.0	10.541	33.309	25.541	244.22	0.104	-0.107
50.0	10.304	33.400	25.653	233.77	0.128	-0.076
60.0	9.707	33.404	25.756	224.10	0.151	-0.176
70.0	9.228	33.463	25.880	212.47	0.173	-0.208
80.0	9.063	33.572	25.992	202.04	0.194	-0.149
100.0	9.430	33.825	26.131	189.27	0.233	0.112
120.0	9.109	33.972	26.298	173.80	0.270	0.176
140.0	8.990	34.022	26.357	168.63	0.304	0.196
160.0	8.576	34.052	26.445	160.50	0.337	0.154
180.0	8.484	34.111	26.506	155.14	0.368	0.186
200.0	8.144	34.146	26.585	147.85	0.399	0.162
250.0	7.505	34.161	26.691	138.41	0.470	0.079
300.0	7.306	34.185	26.739	134.61	0.539	0.069
350.0	6.754	34.199	26.826	126.76	0.604	0.004
400.0	6.498	34.213	26.871	123.00	0.667	-0.020
450.0	6.157	34.225	26.926	118.28	0.727	-0.055
500.0	5.991	34.266	26.979	113.73	0.785	-0.044
550.0	5.616	34.278	27.036	108.63	0.840	-0.081
600.0	5.444	34.295	27.070	105.78	0.894	-0.089
650.0	5.192	34.314	27.115	101.78	0.946	-0.104
700.0	5.029	34.335	27.151	98.73	0.996	-0.106
750.0	4.806	34.371	27.206	93.84	1.044	-0.103
800.0	4.546	34.399	27.257	89.09	1.090	-0.110
1000.0	4.165	34.438	27.330	83.43	1.261	-0.121
1200.0	3.366	34.508	27.466	70.30	1.414	-0.146
1207.3	3.352	34.508	27.468	70.19	1.420	-0.147

STATION: 10 DATE: 5/18/90 1106 GMT

LAT: 36 20.1 N. LON: 122 25.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.167	33.279	25.222	273.68	0.000	0.173
5.0	12.186	33.286	25.223	273.64	0.014	0.182
10.0	11.912	33.293	25.281	268.30	0.027	0.135
15.0	11.153	33.394	25.499	247.70	0.040	0.072
20.0	11.135	33.413	25.517	246.10	0.052	0.084
25.0	11.208	33.456	25.537	244.27	0.065	0.131
30.0	11.222	33.468	25.544	243.74	0.077	0.143
40.0	11.312	33.515	25.564	242.03	0.101	0.197
50.0	10.615	33.435	25.626	236.35	0.125	0.006
60.0	9.777	33.391	25.734	226.19	0.148	-0.175
70.0	9.337	33.431	25.837	216.56	0.170	-0.216
80.0	9.081	33.592	26.005	200.83	0.191	-0.130
100.0	8.697	33.711	26.158	186.57	0.230	-0.097
120.0	8.640	33.824	26.256	177.68	0.266	-0.016
140.0	9.003	33.992	26.331	171.06	0.301	0.174
160.0	8.726	34.002	26.383	166.47	0.335	0.138
180.0	8.483	34.046	26.455	159.91	0.367	0.135
200.0	8.370	34.054	26.478	158.03	0.399	0.123
250.0	7.894	34.153	26.628	144.52	0.475	0.129
300.0	7.358	34.183	26.729	135.51	0.544	0.075
350.0	6.889	34.203	26.811	128.30	0.610	0.025
400.0	6.495	34.207	26.867	123.40	0.673	-0.025
450.0	6.218	34.239	26.929	118.05	0.733	-0.036
500.0	5.966	34.251	26.971	114.51	0.791	-0.059
550.0	5.765	34.287	27.024	109.89	0.847	-0.056
600.0	5.449	34.297	27.071	105.68	0.901	-0.086
650.0	5.166	34.306	27.112	102.05	0.953	-0.113
700.0	5.004	34.338	27.157	98.20	1.003	-0.107
750.0	4.834	34.375	27.206	93.88	1.051	-0.097
800.0	4.659	34.389	27.237	91.18	1.097	-0.106
1000.0	4.094	34.447	27.344	81.91	1.269	-0.121
1200.0	3.489	34.498	27.447	72.48	1.422	-0.142
1400.0	2.987	34.538	27.526	64.98	1.560	-0.158
1600.0	2.643	34.564	27.579	60.15	1.685	-0.168
1601.9	2.645	34.565	27.579	60.11	1.686	-0.167

STATION: 11 DATE: 5/18/90 1648 GMT

LAT: 36 20.1 N. LON: 122 28.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.072	33.368	25.309	265.40	0.000	0.225
5.0	12.075	33.368	25.308	265.57	0.013	0.226
10.0	12.072	33.368	25.309	265.63	0.027	0.225
15.0	11.763	33.433	25.417	255.44	0.040	0.217
20.0	11.544	33.562	25.559	242.12	0.052	0.278
25.0	11.442	33.560	25.576	240.62	0.064	0.258
30.0	11.319	33.557	25.595	238.86	0.076	0.232
40.0	11.076	33.552	25.635	235.27	0.100	0.183
50.0	10.151	33.494	25.752	224.34	0.123	-0.028
60.0	9.971	33.532	25.812	218.81	0.145	-0.029
70.0	9.375	33.544	25.920	208.72	0.166	-0.120
80.0	8.950	33.547	25.990	202.21	0.187	-0.187
100.0	8.671	33.704	26.157	186.68	0.226	-0.106
120.0	8.406	33.853	26.314	172.08	0.261	-0.029
140.0	8.277	33.948	26.409	163.45	0.295	0.026
160.0	8.138	34.012	26.480	157.05	0.327	0.055
180.0	7.958	34.020	26.513	154.21	0.358	0.034
200.0	7.847	34.054	26.557	150.40	0.388	0.045
250.0	7.510	34.099	26.641	143.11	0.462	0.030
300.0	7.409	34.170	26.712	137.19	0.532	0.072
350.0	7.021	34.208	26.796	129.75	0.598	0.047
400.0	6.612	34.201	26.847	125.41	0.662	-0.014
450.0	6.313	34.236	26.914	119.53	0.723	-0.026
500.0	5.957	34.249	26.970	114.57	0.782	-0.062
550.0	5.719	34.282	27.026	109.67	0.838	-0.066
600.0	5.510	34.304	27.069	105.95	0.892	-0.074
650.0	5.185	34.326	27.126	100.82	0.943	-0.095
700.0	4.983	34.340	27.161	97.78	0.993	-0.108
750.0	4.774	34.363	27.203	94.04	1.041	-0.113
800.0	4.550	34.400	27.257	89.06	1.087	-0.109
1000.0	3.955	34.458	27.368	79.41	1.255	-0.127
1200.0	3.509	34.500	27.446	72.59	1.406	-0.139
1400.0	2.961	34.539	27.530	64.59	1.543	-0.159
1600.0	2.571	34.570	27.590	58.85	1.665	-0.169
1800.0	2.267	34.595	27.636	54.41	1.777	-0.175
1854.3	2.167	34.604	27.651	52.79	1.807	-0.176

STATION: 12 DATE: 5/18/90 2334 GMT

LAT: 36 20.0 N. LON: 122 32.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.458	33.210	25.113	284.05	0.000	0.175
5.0	12.453	33.211	25.114	284.02	0.014	0.175
10.0	12.402	33.222	25.133	282.40	0.028	0.173
15.0	12.172	33.286	25.227	273.56	0.042	0.180
20.0	11.594	33.357	25.390	258.17	0.056	0.125
25.0	11.340	33.352	25.432	254.25	0.068	0.073
30.0	11.467	33.405	25.451	252.61	0.081	0.139
40.0	11.297	33.408	25.484	249.67	0.106	0.109
50.0	11.264	33.533	25.587	240.09	0.131	0.202
60.0	11.345	33.627	25.646	234.76	0.154	0.292
70.0	10.677	33.556	25.710	228.83	0.178	0.113
80.0	9.457	33.474	25.852	215.39	0.200	-0.162
100.0	9.176	33.672	26.052	196.71	0.241	-0.051
120.0	8.919	33.889	26.263	177.08	0.279	0.079
140.0	8.638	33.955	26.359	168.31	0.313	0.087
160.0	8.194	33.952	26.425	162.27	0.346	0.016
180.0	8.103	34.001	26.477	157.69	0.378	0.041
200.0	8.009	34.028	26.512	154.68	0.410	0.048
250.0	7.399	34.044	26.614	145.63	0.485	-0.029
300.0	7.330	34.127	26.690	139.22	0.556	0.027
350.0	7.189	34.188	26.757	133.57	0.624	0.054
400.0	6.775	34.198	26.823	127.82	0.689	0.005
450.0	6.517	34.222	26.877	123.28	0.752	-0.011
500.0	6.122	34.263	26.961	115.66	0.812	-0.030
550.0	5.922	34.283	27.002	112.20	0.869	-0.040
600.0	5.640	34.291	27.043	108.58	0.925	-0.069
650.0	5.376	34.326	27.103	103.20	0.977	-0.073
700.0	5.085	34.353	27.159	98.10	1.027	-0.086
750.0	4.798	34.367	27.203	94.03	1.075	-0.107
800.0	4.589	34.396	27.250	89.84	1.121	-0.108
1000.0	4.024	34.447	27.352	81.06	1.292	-0.128
1200.0	3.466	34.505	27.455	71.69	1.444	-0.139
1400.0	3.024	34.534	27.520	65.67	1.581	-0.157
1600.0	2.630	34.566	27.581	59.85	1.707	-0.167
1800.0	2.312	34.592	27.630	55.17	1.823	-0.174
2000.0	2.107	34.611	27.662	52.18	1.930	-0.176
2200.0	1.945	34.629	27.691	49.68	2.031	-0.176
2248.0	1.914	34.632	27.696	49.25	2.055	-0.176

STATION: 13 DATE: 5/19/90 0206 GMT

LAT: 36 20.0 N. LON: 122 35.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.604	33.181	25.062	288.87	0.000	0.181
5.0	12.605	33.182	25.062	288.96	0.014	0.182
10.0	12.572	33.182	25.069	288.45	0.029	0.176
15.0	12.474	33.184	25.089	286.65	0.043	0.157
20.0	12.056	33.181	25.167	279.38	0.057	0.073
25.0	11.426	33.157	25.265	270.18	0.071	-0.067
30.0	11.168	33.199	25.345	262.66	0.084	-0.081
40.0	10.488	33.244	25.499	248.16	0.110	-0.168
50.0	9.999	33.260	25.595	239.21	0.134	-0.241
60.0	10.251	33.506	25.744	225.28	0.158	-0.001
70.0	10.201	33.591	25.820	218.36	0.180	0.057
80.0	10.038	33.675	25.913	209.66	0.201	0.096
100.0	9.595	33.814	26.096	192.71	0.242	0.130
120.0	9.150	33.934	26.262	177.25	0.278	0.152
140.0	8.984	34.027	26.362	168.16	0.313	0.199
160.0	8.519	34.046	26.449	160.07	0.346	0.141
180.0	8.337	34.085	26.508	154.87	0.377	0.143
200.0	8.267	34.094	26.526	153.50	0.408	0.139
250.0	7.497	34.039	26.596	147.37	0.483	-0.019
300.0	7.301	34.101	26.673	140.79	0.555	0.002
350.0	7.105	34.197	26.776	131.72	0.623	0.050
400.0	6.702	34.208	26.840	126.12	0.688	0.003
450.0	6.206	34.212	26.909	119.91	0.750	-0.059
500.0	6.025	34.269	26.977	113.95	0.808	-0.038
550.0	5.779	34.291	27.026	109.76	0.864	-0.051
600.0	5.584	34.292	27.051	107.81	0.918	-0.075
650.0	5.285	34.316	27.106	102.79	0.971	-0.091
700.0	5.041	34.339	27.153	98.59	1.021	-0.102
750.0	4.791	34.356	27.195	94.76	1.070	-0.117
800.0	4.659	34.387	27.235	91.35	1.117	-0.107
1000.0	4.021	34.450	27.354	80.80	1.288	-0.126
1200.0	3.425	34.505	27.458	71.23	1.440	-0.143
1400.0	2.999	34.536	27.524	65.26	1.576	-0.158
1600.0	2.658	34.561	27.575	60.55	1.702	-0.169
1800.0	2.343	34.588	27.624	55.83	1.819	-0.175
2000.0	2.058	34.614	27.669	51.36	1.926	-0.178
2200.0	1.908	34.631	27.695	49.07	2.026	-0.177
2400.0	1.830	34.641	27.710	48.09	2.124	-0.176
2600.0	1.722	34.654	27.730	46.44	2.218	-0.175
2657.6	1.704	34.656	27.733	46.25	2.245	-0.175

STATION: 14 DATE: 5/19/90 1141 GMT

LAT: 36 20.0 N. LON: 122 38.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.571	33.189	25.075	287.68	0.000	0.181
5.0	12.570	33.190	25.076	287.69	0.014	0.181
10.0	12.571	33.190	25.076	287.84	0.029	0.182
15.0	12.560	33.191	25.078	287.70	0.043	0.180
20.0	12.410	33.194	25.110	284.81	0.058	0.153
25.0	11.905	33.210	25.218	274.62	0.071	0.067
30.0	11.563	33.221	25.290	267.89	0.085	0.010
40.0	10.959	33.256	25.426	255.14	0.111	-0.074
50.0	10.288	33.263	25.549	243.66	0.136	-0.188
60.0	10.113	33.434	25.711	228.40	0.160	-0.083
70.0	9.687	33.431	25.780	221.99	0.182	-0.158
80.0	9.774	33.595	25.895	211.39	0.204	-0.013
100.0	9.412	33.774	26.094	192.78	0.245	0.069
120.0	9.015	33.881	26.242	179.09	0.282	0.089
140.0	8.937	33.968	26.323	171.83	0.317	0.144
160.0	8.828	34.009	26.372	167.52	0.351	0.159
180.0	8.671	34.043	26.423	162.99	0.384	0.161
200.0	8.545	34.061	26.457	160.10	0.416	0.155
250.0	8.228	34.101	26.538	153.27	0.494	0.138
300.0	7.730	34.119	26.626	145.53	0.569	0.078
350.0	7.052	34.183	26.772	132.04	0.638	0.031
400.0	6.716	34.197	26.830	127.10	0.703	-0.004
450.0	6.378	34.213	26.887	122.10	0.765	-0.036
500.0	6.179	34.230	26.927	118.87	0.825	-0.049
550.0	5.849	34.268	26.999	112.36	0.883	-0.061
600.0	5.633	34.299	27.051	107.90	0.938	-0.063
650.0	5.288	34.326	27.114	102.11	0.991	-0.083
700.0	5.154	34.350	27.149	99.18	1.041	-0.080
750.0	4.794	34.354	27.193	94.95	1.090	-0.118
800.0	4.620	34.372	27.227	91.99	1.137	-0.123
1000.0	3.968	34.458	27.366	79.58	1.308	-0.125
1200.0	3.425	34.506	27.459	71.15	1.458	-0.142
1400.0	2.996	34.534	27.523	65.36	1.594	-0.160
1600.0	2.611	34.567	27.584	59.56	1.718	-0.168
1800.0	2.295	34.591	27.630	55.03	1.832	-0.176
2000.0	2.037	34.617	27.673	50.89	1.938	-0.177
2200.0	1.883	34.633	27.698	48.61	2.038	-0.177
2400.0	1.805	34.645	27.715	47.49	2.134	-0.175
2600.0	1.719	34.655	27.731	46.33	2.228	-0.174
2800.0	1.673	34.660	27.739	46.01	2.320	-0.175
3000.0	1.635	34.664	27.747	45.83	2.412	-0.175
3039.9	1.629	34.667	27.750	45.65	2.430	-0.174

STATION: 15 DATE: 5/19/90 1800 GMT

LAT: 36 19.3 N. LON: 122 41.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.648	33.181	25.053	289.68	0.000	0.190
5.0	12.639	33.181	25.055	289.65	0.014	0.188
10.0	12.618	33.180	25.059	289.44	0.029	0.183
15.0	12.593	33.181	25.064	289.04	0.043	0.178
20.0	12.587	33.182	25.067	288.95	0.058	0.178
25.0	12.550	33.183	25.074	288.33	0.072	0.171
30.0	12.223	33.196	25.147	281.53	0.087	0.117
40.0	11.826	33.217	25.238	273.06	0.114	0.057
50.0	10.738	33.271	25.477	250.54	0.140	-0.102
60.0	10.327	33.407	25.654	233.85	0.164	-0.067
70.0	9.941	33.541	25.825	217.85	0.187	-0.027
80.0	9.887	33.646	25.916	209.41	0.208	0.047
100.0	9.393	33.782	26.104	191.88	0.248	0.072
120.0	9.052	33.902	26.253	178.11	0.285	0.111
140.0	8.890	33.977	26.337	170.41	0.320	0.144
160.0	8.716	34.046	26.419	163.07	0.353	0.171
180.0	8.621	34.061	26.445	160.88	0.386	0.167
200.0	8.441	34.092	26.497	156.27	0.417	0.164
250.0	7.996	34.110	26.579	149.20	0.494	0.110
300.0	7.602	34.116	26.642	143.94	0.567	0.056
350.0	6.846	34.100	26.735	135.38	0.636	-0.062
400.0	6.877	34.206	26.815	128.65	0.702	0.025
450.0	6.442	34.218	26.883	122.58	0.765	-0.024
500.0	6.069	34.258	26.963	115.33	0.825	-0.041
550.0	5.769	34.277	27.016	110.66	0.881	-0.063
600.0	5.480	34.321	27.086	104.32	0.935	-0.064
650.0	5.261	34.346	27.133	100.27	0.986	-0.071
700.0	5.035	34.364	27.174	96.66	1.035	-0.083
750.0	4.705	34.366	27.213	92.97	1.082	-0.118
800.0	4.526	34.387	27.250	89.72	1.128	-0.122
1000.0	4.012	34.453	27.358	80.46	1.298	-0.125
1200.0	3.442	34.504	27.456	71.49	1.449	-0.142
1400.0	2.976	34.537	27.527	64.91	1.585	-0.159
1600.0	2.661	34.562	27.576	60.51	1.710	-0.168
1800.0	2.368	34.587	27.621	56.20	1.827	-0.174
2000.0	2.073	34.614	27.668	51.55	1.935	-0.177
2200.0	1.876	34.635	27.701	48.37	2.034	-0.176
2400.0	1.782	34.645	27.717	47.18	2.129	-0.176
2600.0	1.716	34.655	27.731	46.30	2.222	-0.174
2800.0	1.673	34.660	27.739	46.01	2.315	-0.175
3000.0	1.624	34.667	27.750	45.47	2.406	-0.174
3184.2	1.594	34.670	27.756	45.37	2.490	-0.175

STATION: 16 DATE: 5/19/90 2211 GMT

LAT: 36 20.0 N. LON: 122 48.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.671	33.195	25.060	289.08	0.000	0.206
5.0	12.580	33.197	25.079	287.37	0.014	0.189
10.0	12.457	33.190	25.097	285.75	0.029	0.159
15.0	12.359	33.194	25.120	283.77	0.043	0.143
20.0	11.767	33.237	25.265	270.06	0.057	0.062
25.0	11.735	33.252	25.282	268.53	0.070	0.068
30.0	11.695	33.253	25.291	267.85	0.084	0.061
40.0	11.556	33.260	25.322	265.14	0.110	0.040
50.0	10.968	33.258	25.426	255.35	0.136	-0.071
60.0	9.923	33.317	25.652	233.99	0.161	-0.209
70.0	9.856	33.524	25.825	217.76	0.183	-0.055
80.0	9.577	33.548	25.890	211.78	0.205	-0.083
100.0	9.608	33.832	26.107	191.61	0.245	0.147
120.0	9.414	33.915	26.204	182.79	0.282	0.180
140.0	8.878	33.981	26.342	169.96	0.318	0.145
160.0	8.739	34.019	26.394	165.40	0.351	0.153
180.0	8.631	34.032	26.421	163.20	0.384	0.146
200.0	8.590	34.043	26.436	162.14	0.417	0.148
250.0	8.315	34.089	26.515	155.45	0.496	0.142
300.0	8.017	34.137	26.598	148.38	0.572	0.134
350.0	7.324	34.127	26.691	139.98	0.644	0.025
400.0	7.052	34.196	26.783	131.82	0.712	0.041
450.0	6.733	34.213	26.841	126.85	0.777	0.011
500.0	6.378	34.240	26.909	120.77	0.839	-0.015
550.0	5.935	34.248	26.973	114.97	0.898	-0.066
600.0	5.681	34.301	27.046	108.37	0.954	-0.056
650.0	5.367	34.328	27.106	102.94	1.007	-0.072
700.0	5.177	34.344	27.141	99.92	1.058	-0.082
750.0	4.910	34.367	27.191	95.43	1.106	-0.095
800.0	4.560	34.382	27.242	90.50	1.153	-0.122
1000.0	3.922	34.461	27.373	78.81	1.323	-0.128
1200.0	3.375	34.508	27.466	70.40	1.471	-0.145
1400.0	3.006	34.533	27.521	65.56	1.607	-0.160
1600.0	2.622	34.566	27.582	59.76	1.733	-0.168
1800.0	2.310	34.591	27.629	55.21	1.847	-0.175
2000.0	2.079	34.607	27.661	52.13	1.955	-0.182
2200.0	1.936	34.628	27.691	49.64	2.056	-0.177
2400.0	1.825	34.642	27.711	47.96	2.154	-0.175
2600.0	1.749	34.652	27.726	46.94	2.249	-0.174
2800.0	1.668	34.661	27.741	45.87	2.342	-0.174
3000.0	1.615	34.666	27.750	45.40	2.433	-0.175
3097.7	1.609	34.667	27.752	45.54	2.477	-0.175

STATION: 17 DATE: 5/20/90 0718 GMT

LAT: 36 20.0 N. LON: 122 53.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.820	33.211	25.043	290.66	0.000	0.249
5.0	12.823	33.211	25.043	290.85	0.015	0.249
10.0	12.775	33.209	25.051	290.19	0.029	0.238
15.0	12.699	33.204	25.062	289.24	0.044	0.219
20.0	12.564	33.199	25.084	287.25	0.058	0.188
25.0	12.493	33.203	25.101	285.81	0.072	0.176
30.0	12.355	33.211	25.134	282.79	0.087	0.155
40.0	11.777	33.253	25.276	269.53	0.114	0.076
50.0	11.634	33.261	25.308	266.64	0.141	0.055
60.0	11.474	33.254	25.333	264.54	0.168	0.020
70.0	10.628	33.269	25.495	249.20	0.193	-0.124
80.0	9.555	33.380	25.762	223.91	0.217	-0.221
100.0	9.587	33.672	25.986	203.08	0.260	0.017
120.0	9.570	33.871	26.145	188.48	0.299	0.171
140.0	9.369	33.917	26.214	182.29	0.336	0.174
160.0	8.845	33.988	26.353	169.34	0.370	0.145
180.0	8.759	34.008	26.382	166.91	0.404	0.147
200.0	8.713	34.023	26.402	165.46	0.437	0.151
250.0	8.512	34.060	26.462	160.56	0.519	0.148
300.0	8.142	34.112	26.560	152.04	0.597	0.133
350.0	7.368	34.120	26.679	141.12	0.670	0.025
400.0	7.122	34.196	26.774	132.76	0.739	0.051
450.0	6.611	34.200	26.847	126.15	0.803	-0.016
500.0	6.234	34.244	26.931	118.55	0.865	-0.031
550.0	6.004	34.272	26.983	114.08	0.923	-0.038
600.0	5.732	34.269	27.015	111.36	0.979	-0.075
650.0	5.392	34.300	27.081	105.34	1.033	-0.092
700.0	5.149	34.342	27.143	99.71	1.084	-0.087
750.0	4.725	34.337	27.188	95.37	1.132	-0.139
800.0	4.602	34.368	27.226	92.07	1.179	-0.129
1000.0	3.938	34.460	27.371	79.07	1.350	-0.127
1200.0	3.472	34.501	27.451	72.08	1.500	-0.141
1400.0	3.080	34.530	27.512	66.67	1.639	-0.156
1600.0	2.618	34.565	27.581	59.78	1.764	-0.169
1800.0	2.307	34.587	27.626	55.46	1.880	-0.178
2000.0	2.083	34.608	27.662	52.11	1.986	-0.180
2200.0	1.924	34.629	27.692	49.41	2.088	-0.177
2400.0	1.808	34.644	27.714	47.59	2.184	-0.175
2600.0	1.729	34.654	27.729	46.53	2.279	-0.174
2800.0	1.659	34.662	27.742	45.67	2.371	-0.174
3000.0	1.615	34.667	27.750	45.34	2.462	-0.175
3200.0	1.593	34.670	27.756	45.40	2.553	-0.175
3326.1	1.593	34.670	27.757	45.78	2.610	-0.176

STATION: 18 DATE: 5/20/90 1211 GMT

LAT: 36 19.9 N. LON: 123 2.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.823	33.235	25.061	288.95	0.000	0.268
5.0	12.821	33.235	25.062	289.00	0.014	0.268
10.0	12.336	33.235	25.155	280.27	0.029	0.171
15.0	11.897	33.238	25.241	272.17	0.043	0.088
20.0	11.863	33.239	25.248	271.64	0.056	0.082
25.0	11.840	33.239	25.253	271.36	0.070	0.078
30.0	11.821	33.240	25.257	271.06	0.083	0.075
40.0	11.339	33.262	25.363	261.21	0.110	0.001
50.0	10.833	33.311	25.491	249.15	0.136	-0.053
60.0	10.088	33.448	25.727	226.92	0.160	-0.076
70.0	10.086	33.660	25.893	211.39	0.182	0.092
80.0	10.020	33.714	25.947	206.50	0.202	0.124
100.0	9.920	33.788	26.022	199.78	0.243	0.165
120.0	9.770	33.830	26.080	194.67	0.282	0.172
140.0	9.628	33.866	26.132	190.13	0.321	0.176
160.0	9.305	33.894	26.206	183.38	0.359	0.145
180.0	8.877	33.968	26.333	171.65	0.394	0.134
200.0	8.754	34.015	26.389	166.67	0.428	0.152
250.0	8.299	34.064	26.498	157.10	0.509	0.119
300.0	7.768	34.098	26.605	147.58	0.585	0.067
350.0	7.343	34.151	26.707	138.41	0.657	0.047
400.0	6.699	34.161	26.804	129.57	0.724	-0.035
450.0	6.408	34.197	26.871	123.71	0.787	-0.045
500.0	6.130	34.244	26.945	117.17	0.847	-0.044
550.0	5.641	34.250	27.011	111.00	0.904	-0.100
600.0	5.371	34.280	27.067	105.97	0.959	-0.109
650.0	4.948	34.285	27.120	100.92	1.010	-0.154
700.0	4.960	34.356	27.176	96.32	1.059	-0.098
750.0	4.742	34.376	27.217	92.67	1.107	-0.106
800.0	4.510	34.401	27.262	88.50	1.152	-0.112
1000.0	3.926	34.460	27.372	78.93	1.319	-0.128
1200.0	3.436	34.502	27.455	71.56	1.469	-0.144
1400.0	3.006	34.531	27.519	65.69	1.606	-0.161
1600.0	2.657	34.562	27.576	60.48	1.732	-0.168
1800.0	2.314	34.587	27.626	55.55	1.848	-0.178
2000.0	2.094	34.606	27.659	52.39	1.956	-0.181
2200.0	1.939	34.623	27.686	50.04	2.058	-0.181
2400.0	1.826	34.639	27.709	48.18	2.156	-0.178
2600.0	1.735	34.654	27.729	46.62	2.251	-0.174
2800.0	1.669	34.660	27.740	45.95	2.344	-0.175
3000.0	1.617	34.666	27.750	45.43	2.435	-0.175
3200.0	1.584	34.670	27.756	45.27	2.525	-0.176
3397.7	1.563	34.674	27.762	45.26	2.615	-0.175

STATION: 19 DATE: 5/21/90 0536 GMT

LAT: 36 15.7 N. LON: 123 11.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.946	33.164	24.982	296.48	0.000	0.237
5.0	12.517	33.221	25.110	284.44	0.015	0.196
10.0	12.391	33.228	25.139	281.77	0.029	0.176
15.0	12.339	33.232	25.153	280.60	0.043	0.169
20.0	12.283	33.230	25.162	279.84	0.057	0.156
25.0	12.022	33.233	25.214	275.04	0.071	0.108
30.0	11.693	33.255	25.293	267.65	0.084	0.062
40.0	11.568	33.262	25.321	265.18	0.111	0.044
50.0	11.175	33.264	25.394	258.44	0.137	-0.028
60.0	10.746	33.284	25.486	249.86	0.162	-0.090
70.0	10.523	33.356	25.581	241.05	0.187	-0.073
80.0	10.294	33.384	25.643	235.39	0.211	-0.091
100.0	9.957	33.616	25.881	213.15	0.256	0.034
120.0	9.710	33.746	26.024	199.94	0.297	0.095
140.0	9.491	33.825	26.122	190.99	0.336	0.121
160.0	9.196	33.869	26.204	183.54	0.373	0.107
180.0	8.916	33.939	26.304	174.39	0.409	0.117
200.0	8.894	34.027	26.376	167.92	0.443	0.183
250.0	7.961	34.006	26.503	156.41	0.524	0.023
300.0	7.767	34.119	26.621	146.02	0.599	0.083
350.0	7.446	34.145	26.688	140.33	0.671	0.056
400.0	6.725	34.130	26.776	132.21	0.739	-0.055
450.0	6.342	34.189	26.874	123.36	0.802	-0.059
500.0	6.143	34.220	26.924	119.09	0.863	-0.061
550.0	5.891	34.278	27.002	112.16	0.921	-0.047
600.0	5.640	34.293	27.045	108.43	0.976	-0.067
650.0	4.984	34.271	27.105	102.40	1.028	-0.161
700.0	4.842	34.311	27.153	98.22	1.078	-0.146
750.0	4.797	34.350	27.190	95.28	1.127	-0.121
800.0	4.632	34.380	27.232	91.54	1.174	-0.116
1000.0	3.951	34.463	27.372	79.00	1.343	-0.123
1200.0	3.413	34.506	27.460	71.01	1.493	-0.143
1400.0	3.002	34.533	27.521	65.51	1.629	-0.160
1600.0	2.670	34.560	27.573	60.75	1.755	-0.169
1800.0	2.322	34.587	27.625	55.65	1.872	-0.177
2000.0	2.092	34.610	27.663	52.08	1.980	-0.178
2200.0	1.934	34.627	27.690	49.68	2.081	-0.178
2400.0	1.832	34.640	27.709	48.18	2.179	-0.176
2600.0	1.747	34.652	27.726	46.91	2.274	-0.174
2800.0	1.681	34.661	27.740	46.04	2.367	-0.173
3000.0	1.621	34.667	27.750	45.42	2.459	-0.174
3200.0	1.574	34.673	27.759	44.92	2.549	-0.174
3337.9	1.545	34.677	27.766	44.61	2.611	-0.174

STATION: 20 DATE: 5/21/90 1000 GMT

LAT: 36 7.0 N. LON: 123 30.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.661	33.107	24.795	314.31	0.000	0.339
5.0	13.463	33.151	24.869	307.39	0.016	0.332
10.0	12.856	33.201	25.028	292.32	0.031	0.248
15.0	12.674	33.223	25.081	287.45	0.045	0.228
20.0	12.080	33.272	25.233	273.09	0.059	0.150
25.0	11.961	33.288	25.268	269.89	0.073	0.140
30.0	11.894	33.300	25.290	267.92	0.086	0.136
40.0	11.776	33.307	25.318	265.53	0.113	0.119
50.0	11.854	33.425	25.395	258.44	0.139	0.227
60.0	11.839	33.519	25.471	251.48	0.165	0.299
70.0	11.492	33.530	25.544	244.72	0.189	0.242
80.0	10.906	33.540	25.658	234.07	0.213	0.142
100.0	9.991	33.660	25.909	210.44	0.258	0.075
120.0	9.579	33.738	26.039	198.48	0.299	0.067
140.0	9.359	33.827	26.145	188.80	0.338	0.101
160.0	9.042	33.905	26.257	178.49	0.374	0.111
180.0	8.974	34.007	26.348	170.22	0.409	0.181
200.0	8.594	34.017	26.415	164.10	0.443	0.128
250.0	7.951	34.097	26.576	149.55	0.520	0.093
300.0	7.310	34.105	26.675	140.64	0.592	0.006
350.0	6.432	34.066	26.763	132.39	0.661	-0.144
400.0	6.608	34.189	26.838	126.24	0.725	-0.024
450.0	5.710	34.121	26.899	120.27	0.787	-0.193
500.0	5.377	34.137	26.952	115.51	0.846	-0.220
550.0	5.023	34.168	27.018	109.47	0.902	-0.237
600.0	4.822	34.206	27.072	104.72	0.956	-0.230
650.0	4.691	34.250	27.121	100.44	1.007	-0.211
700.0	4.709	34.311	27.168	96.61	1.056	-0.161
750.0	4.649	34.350	27.206	93.49	1.104	-0.137
800.0	4.563	34.387	27.245	90.18	1.150	-0.118
1000.0	3.922	34.456	27.369	79.18	1.319	-0.132
1200.0	3.364	34.507	27.466	70.34	1.468	-0.146
1400.0	2.925	34.537	27.531	64.30	1.602	-0.164
1600.0	2.580	34.566	27.585	59.26	1.726	-0.172
1800.0	2.307	34.590	27.629	55.24	1.840	-0.176
2000.0	2.075	34.612	27.666	51.72	1.947	-0.178
2200.0	1.928	34.630	27.693	49.40	2.048	-0.176
2400.0	1.830	34.642	27.711	48.02	2.145	-0.175
2600.0	1.761	34.652	27.725	47.10	2.240	-0.173
2800.0	1.693	34.659	27.738	46.32	2.334	-0.174
3000.0	1.648	34.664	27.746	46.00	2.426	-0.175
3200.0	1.618	34.669	27.753	45.83	2.518	-0.174
3400.0	1.592	34.673	27.760	45.77	2.610	-0.174
3499.4	1.574	34.675	27.763	45.64	2.655	-0.174

STATION: 99 DATE: 5/21/90 2041 GMT

LAT: 36 14.9 N. LON: 123 35.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.958	33.106	24.733	320.18	0.000	0.401
5.0	13.950	33.105	24.734	320.21	0.016	0.399
10.0	13.526	33.112	24.826	311.59	0.032	0.315
15.0	13.164	33.167	24.942	300.72	0.047	0.283
20.0	13.067	33.190	24.979	297.31	0.062	0.282
25.0	12.653	33.226	25.088	287.08	0.077	0.226
30.0	12.245	33.222	25.163	279.98	0.091	0.142
40.0	11.988	33.236	25.223	274.52	0.119	0.103
50.0	11.656	33.255	25.300	267.46	0.146	0.055
60.0	11.461	33.274	25.350	262.86	0.172	0.033
70.0	11.507	33.377	25.422	256.26	0.198	0.123
80.0	11.335	33.392	25.465	252.39	0.224	0.103
100.0	10.352	33.393	25.640	236.09	0.273	-0.074
120.0	9.692	33.636	25.941	207.84	0.317	0.005
140.0	9.334	33.670	26.026	200.07	0.358	-0.028
160.0	9.268	33.834	26.166	187.21	0.397	0.092
180.0	9.056	33.929	26.274	177.25	0.433	0.132
200.0	8.658	33.909	26.321	173.09	0.468	0.053
250.0	7.976	34.019	26.511	155.66	0.550	0.035
300.0	7.274	34.018	26.611	146.61	0.625	-0.068
350.0	6.652	34.055	26.726	136.13	0.696	-0.124
400.0	6.471	34.123	26.804	129.34	0.762	-0.095
450.0	6.207	34.161	26.868	123.70	0.825	-0.099
500.0	5.559	34.144	26.936	117.28	0.885	-0.193
550.0	5.423	34.205	27.001	111.63	0.943	-0.162
600.0	5.143	34.244	27.065	105.78	0.997	-0.164
650.0	4.927	34.277	27.116	101.25	1.049	-0.163
700.0	4.775	34.310	27.160	97.47	1.098	-0.154
750.0	4.584	34.332	27.199	94.01	1.146	-0.158
800.0	4.395	34.362	27.244	90.01	1.192	-0.155
1000.0	3.870	34.458	27.376	78.39	1.360	-0.135
1200.0	3.351	34.501	27.462	70.64	1.509	-0.152
1400.0	2.947	34.532	27.525	64.93	1.644	-0.166
1499.0	2.778	34.549	27.554	62.28	1.707	-0.168

STATION: 21 DATE: 5/22/90 0136 GMT

LAT: 35 56.8 N. LON: 123 51.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.586	33.087	24.587	334.10	0.000	0.522
5.0	14.552	33.083	24.591	333.83	0.017	0.511
10.0	14.145	33.053	24.654	328.03	0.033	0.399
15.0	13.950	33.068	24.706	323.21	0.050	0.369
20.0	13.839	33.074	24.734	320.70	0.066	0.350
25.0	13.709	33.091	24.773	317.04	0.082	0.336
30.0	13.683	33.092	24.780	316.57	0.097	0.331
40.0	13.651	33.099	24.792	315.71	0.129	0.329
50.0	13.249	33.084	24.861	309.33	0.160	0.233
60.0	12.316	33.111	25.065	290.11	0.190	0.067
70.0	11.697	33.116	25.185	278.89	0.219	-0.049
80.0	11.708	33.211	25.257	272.29	0.246	0.029
100.0	10.684	33.157	25.399	259.04	0.300	-0.204
120.0	9.623	33.306	25.694	231.19	0.348	-0.270
140.0	9.198	33.509	25.922	209.85	0.392	-0.178
160.0	8.931	33.680	26.098	193.46	0.433	-0.085
180.0	8.738	33.853	26.264	178.05	0.470	0.021
200.0	8.552	33.903	26.332	171.91	0.505	0.031
250.0	7.772	34.017	26.539	152.89	0.585	0.004
300.0	7.132	34.022	26.634	144.32	0.659	-0.084
350.0	6.610	34.059	26.735	135.22	0.730	-0.126
400.0	6.204	34.093	26.815	128.03	0.795	-0.152
450.0	5.908	34.130	26.882	122.12	0.858	-0.161
500.0	5.586	34.173	26.956	115.46	0.917	-0.167
550.0	5.216	34.210	27.029	108.69	0.973	-0.182
600.0	5.105	34.260	27.082	104.14	1.027	-0.156
650.0	4.867	34.291	27.134	99.50	1.078	-0.159
700.0	4.627	34.316	27.181	95.25	1.126	-0.166
750.0	4.515	34.348	27.219	92.01	1.173	-0.153
800.0	4.345	34.383	27.266	87.86	1.218	-0.144
1000.0	3.857	34.473	27.389	77.14	1.381	-0.125
1200.0	3.407	34.514	27.467	70.34	1.529	-0.137
1400.0	3.003	34.539	27.526	65.08	1.664	-0.155
1600.0	2.674	34.566	27.577	60.39	1.789	-0.164
1800.0	2.377	34.588	27.621	56.24	1.906	-0.172
2000.0	2.110	34.610	27.661	52.29	2.014	-0.177
2200.0	1.943	34.630	27.692	49.57	2.116	-0.175
2400.0	1.851	34.642	27.709	48.29	2.213	-0.174
2600.0	1.780	34.651	27.723	47.42	2.309	-0.173
2800.0	1.692	34.658	27.736	46.41	2.403	-0.175
3000.0	1.636	34.664	27.747	45.84	2.495	-0.175
3200.0	1.605	34.670	27.755	45.58	2.586	-0.174
3400.0	1.573	34.674	27.762	45.41	2.677	-0.175
3600.0	1.545	34.678	27.768	45.28	2.768	-0.175
3800.0	1.525	34.682	27.774	45.23	2.858	-0.174
3917.7	1.506	34.686	27.780	44.97	2.912	-0.173

STATION: 22 DATE: 5/22/90 0823 GMT

LAT: 35 45.4 N. LON: 124 14.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.382	33.073	24.619	331.02	0.000	0.466
5.0	14.382	33.073	24.620	331.12	0.017	0.466
10.0	14.371	33.074	24.623	330.99	0.033	0.464
15.0	14.292	33.072	24.638	329.68	0.050	0.445
20.0	13.814	33.075	24.739	320.13	0.066	0.345
25.0	13.724	33.081	24.763	318.06	0.082	0.331
30.0	13.699	33.080	24.767	317.77	0.098	0.325
40.0	13.645	33.089	24.785	316.32	0.129	0.320
50.0	13.298	33.097	24.861	309.31	0.161	0.254
60.0	12.877	33.120	24.963	299.82	0.191	0.186
70.0	12.733	33.122	24.993	297.25	0.221	0.158
80.0	12.283	33.176	25.122	285.19	0.250	0.112
100.0	11.518	33.148	25.243	274.03	0.306	-0.058
120.0	9.788	33.262	25.633	237.08	0.357	-0.277
140.0	9.475	33.469	25.846	217.15	0.403	-0.164
160.0	8.980	33.748	26.144	189.19	0.443	-0.024
180.0	8.694	33.852	26.270	177.49	0.479	0.013
200.0	8.610	33.976	26.381	167.37	0.514	0.098
250.0	7.915	34.060	26.552	151.74	0.593	0.059
300.0	7.382	34.079	26.644	143.56	0.667	-0.004
350.0	6.734	34.080	26.735	135.31	0.737	-0.093
400.0	6.425	34.129	26.814	128.30	0.802	-0.096
450.0	6.195	34.181	26.886	122.06	0.865	-0.085
500.0	5.792	34.200	26.952	116.06	0.925	-0.121
550.0	5.417	34.224	27.017	110.14	0.981	-0.148
600.0	5.076	34.243	27.072	105.10	1.035	-0.173
650.0	4.940	34.284	27.120	100.90	1.086	-0.156
700.0	4.781	34.325	27.171	96.43	1.136	-0.142
750.0	4.597	34.354	27.215	92.55	1.183	-0.140
800.0	4.536	34.397	27.256	89.11	1.228	-0.113
1000.0	3.885	34.460	27.376	78.44	1.395	-0.132
1200.0	3.369	34.511	27.469	70.10	1.543	-0.143
1400.0	2.961	34.544	27.534	64.22	1.677	-0.155
1600.0	2.608	34.570	27.586	59.31	1.801	-0.166
1800.0	2.299	34.596	27.634	54.71	1.915	-0.172
2000.0	2.067	34.617	27.670	51.26	2.021	-0.175
2200.0	1.944	34.634	27.695	49.30	2.121	-0.172
2400.0	1.841	34.647	27.714	47.80	2.218	-0.170
2600.0	1.757	34.656	27.729	46.76	2.312	-0.171
2800.0	1.687	34.662	27.740	46.05	2.405	-0.172
3000.0	1.635	34.665	27.747	45.77	2.497	-0.175
3200.0	1.599	34.670	27.755	45.49	2.588	-0.175
3400.0	1.562	34.676	27.764	45.11	2.679	-0.174
3600.0	1.537	34.681	27.771	44.95	2.769	-0.173
3800.0	1.521	34.686	27.778	44.90	2.859	-0.171
3849.8	1.518	34.687	27.779	44.91	2.881	-0.171

STATION: 23 DATE: 5/22/90 2036 GMT

LAT: 36 27.1 N. LON: 122 47.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.702	33.156	24.824	311.50	0.000	0.387
5.0	13.681	33.158	24.830	311.09	0.016	0.383
10.0	13.624	33.157	24.841	310.17	0.031	0.371
15.0	13.463	33.154	24.872	307.38	0.047	0.335
20.0	13.146	33.156	24.937	301.30	0.062	0.271
25.0	13.055	33.157	24.955	299.67	0.077	0.252
30.0	12.857	33.163	24.999	295.61	0.092	0.217
40.0	12.184	33.196	25.155	281.02	0.121	0.109
50.0	10.786	33.301	25.492	249.07	0.147	-0.069
60.0	10.643	33.415	25.606	238.49	0.171	-0.005
70.0	10.614	33.456	25.643	235.17	0.195	0.023
80.0	10.619	33.473	25.656	234.17	0.219	0.037
100.0	10.584	33.586	25.750	225.67	0.264	0.120
120.0	9.971	33.620	25.882	213.50	0.309	0.039
140.0	8.925	33.681	26.100	192.94	0.350	-0.085
160.0	8.577	33.854	26.290	175.20	0.387	-0.002
180.0	8.411	33.945	26.387	166.35	0.421	0.043
200.0	8.122	33.983	26.460	159.63	0.454	0.029
250.0	8.028	34.078	26.549	152.08	0.531	0.089
300.0	7.094	34.044	26.657	142.15	0.604	-0.072
350.0	7.134	34.160	26.743	134.86	0.673	0.024
400.0	6.880	34.208	26.816	128.54	0.739	0.027
450.0	6.377	34.198	26.876	123.17	0.802	-0.048
500.0	6.070	34.236	26.945	117.01	0.862	-0.058
550.0	5.777	34.251	26.995	112.70	0.920	-0.083
600.0	5.484	34.296	27.066	106.24	0.975	-0.084
650.0	5.331	34.329	27.111	102.41	1.027	-0.076
700.0	4.983	34.325	27.149	98.91	1.077	-0.119
750.0	4.740	34.354	27.200	94.25	1.125	-0.124
800.0	4.574	34.379	27.238	90.92	1.171	-0.123
1000.0	4.042	34.450	27.352	81.05	1.343	-0.124
1200.0	3.486	34.500	27.449	72.30	1.496	-0.141
1400.0	3.013	34.533	27.520	65.63	1.633	-0.159
1600.0	2.695	34.558	27.570	61.20	1.759	-0.168
1800.0	2.360	34.587	27.622	56.10	1.876	-0.174
2000.0	2.086	34.613	27.666	51.79	1.984	-0.176
2200.0	1.891	34.630	27.695	48.93	2.084	-0.179
2400.0	1.801	34.645	27.715	47.43	2.180	-0.175
2600.0	1.720	34.655	27.731	46.34	2.274	-0.174
2800.0	1.657	34.662	27.742	45.64	2.366	-0.174
2849.5	1.647	34.663	27.744	45.59	2.389	-0.174

STATION: 24 DATE: 5/22/90 2328 GMT

LAT: 36 35.8 N. LON: 122 29.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.459	33.185	24.896	304.67	0.000	0.359
5.0	13.319	33.185	24.925	302.09	0.015	0.330
10.0	12.388	33.259	25.164	279.39	0.030	0.200
15.0	11.783	33.383	25.375	259.46	0.043	0.182
20.0	11.614	33.424	25.438	253.56	0.056	0.182
25.0	11.370	33.517	25.555	242.57	0.068	0.210
30.0	11.236	33.550	25.605	237.93	0.080	0.211
40.0	10.919	33.644	25.735	225.76	0.104	0.227
50.0	10.364	33.697	25.874	212.74	0.125	0.171
60.0	9.644	33.683	25.984	202.45	0.146	0.035
70.0	9.433	33.726	26.053	196.12	0.166	0.034
80.0	9.365	33.783	26.108	191.05	0.185	0.068
100.0	9.222	33.902	26.225	180.36	0.223	0.139
120.0	8.917	33.983	26.337	170.08	0.258	0.153
140.0	8.582	33.986	26.392	165.18	0.291	0.103
160.0	8.275	33.984	26.437	161.14	0.324	0.054
180.0	7.980	33.992	26.488	156.61	0.355	0.015
200.0	7.814	34.045	26.554	150.61	0.386	0.033
250.0	7.186	34.050	26.648	142.24	0.459	-0.054
300.0	6.954	34.111	26.729	135.26	0.529	-0.038
350.0	6.331	34.110	26.811	127.80	0.595	-0.123
400.0	6.022	34.124	26.862	123.42	0.657	-0.151
450.0	5.876	34.172	26.919	118.59	0.718	-0.132
500.0	5.838	34.242	26.979	113.54	0.776	-0.082
550.0	5.627	34.281	27.037	108.55	0.832	-0.077
600.0	5.430	34.311	27.084	104.43	0.885	-0.078
650.0	5.184	34.332	27.131	100.34	0.936	-0.090
700.0	4.976	34.354	27.173	96.66	0.985	-0.097
750.0	4.737	34.370	27.212	93.06	1.032	-0.112
800.0	4.563	34.393	27.250	89.74	1.078	-0.113
1000.0	3.907	34.456	27.371	78.99	1.246	-0.133
1200.0	3.482	34.496	27.446	72.54	1.397	-0.144
1400.0	3.009	34.532	27.520	65.67	1.535	-0.160
1600.0	2.644	34.563	27.578	60.22	1.661	-0.169
1800.0	2.327	34.590	27.627	55.49	1.777	-0.174
2000.0	2.070	34.613	27.667	51.59	1.884	-0.178
2200.0	1.917	34.630	27.694	49.25	1.984	-0.177
2400.0	1.789	34.646	27.717	47.20	2.080	-0.175
2600.0	1.743	34.653	27.727	46.79	2.174	-0.174
2800.0	1.692	34.660	27.738	46.26	2.267	-0.173
2849.8	1.676	34.661	27.740	46.13	2.290	-0.174

STATION: 26 DATE: 5/23/90 0518 GMT

LAT: 36 36.6 N. LON: 122 9.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.133	33.209	24.980	296.68	0.000	0.311
5.0	13.100	33.207	24.985	296.32	0.015	0.302
10.0	12.282	33.195	25.135	282.18	0.029	0.129
15.0	11.708	33.247	25.283	268.19	0.043	0.059
20.0	11.018	33.327	25.471	250.45	0.056	-0.006
25.0	10.582	33.400	25.604	237.86	0.068	-0.027
30.0	10.625	33.468	25.650	233.60	0.080	0.035
40.0	10.087	33.513	25.777	221.73	0.103	-0.024
50.0	10.339	33.727	25.902	210.12	0.124	0.190
60.0	9.624	33.694	25.996	201.27	0.145	0.041
70.0	9.717	33.775	26.044	196.96	0.165	0.120
80.0	9.420	33.837	26.141	187.90	0.184	0.120
100.0	8.707	33.785	26.214	181.24	0.221	-0.036
120.0	8.479	33.956	26.384	165.49	0.256	0.064
140.0	8.445	34.044	26.459	158.78	0.288	0.128
160.0	8.375	34.069	26.489	156.27	0.320	0.136
180.0	8.364	34.111	26.524	153.35	0.351	0.167
200.0	8.226	34.141	26.569	149.41	0.381	0.170
250.0	7.831	34.138	26.626	144.76	0.455	0.108
300.0	7.278	34.133	26.701	138.10	0.525	0.024
350.0	6.875	34.186	26.799	129.39	0.592	0.009
400.0	6.369	34.201	26.879	122.20	0.655	-0.046
450.0	6.203	34.239	26.931	117.86	0.715	-0.038
500.0	5.944	34.265	26.984	113.19	0.773	-0.051
550.0	5.664	34.275	27.027	109.46	0.828	-0.078
600.0	5.395	34.300	27.080	104.80	0.882	-0.091
650.0	5.170	34.318	27.121	101.20	0.933	-0.103
700.0	4.952	34.332	27.158	98.00	0.983	-0.117
750.0	4.811	34.356	27.193	95.01	1.031	-0.115
800.0	4.633	34.384	27.235	91.26	1.078	-0.113
1000.0	4.006	34.451	27.357	80.54	1.249	-0.127
1200.0	3.429	34.499	27.453	71.71	1.400	-0.147
1400.0	2.956	34.535	27.527	64.82	1.538	-0.163
1600.0	2.680	34.558	27.571	61.04	1.663	-0.170
1800.0	2.366	34.588	27.622	56.11	1.780	-0.173
2000.1	2.087	34.612	27.665	51.86	1.888	-0.177

STATION: 27 DATE: 5/23/90 0818 GMT

LAT: 36 43.3 N. LON: 122 14.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.003	33.589	25.300	266.23	0.000	0.585
5.0	13.005	33.589	25.300	266.39	0.013	0.586
10.0	12.993	33.588	25.302	266.33	0.027	0.582
15.0	12.426	33.572	25.400	257.11	0.040	0.456
20.0	12.064	33.561	25.460	251.48	0.052	0.376
25.0	11.676	33.611	25.572	241.00	0.065	0.341
30.0	11.268	33.629	25.661	232.62	0.077	0.280
40.0	10.155	33.700	25.912	208.94	0.099	0.136
50.0	9.817	33.727	25.990	201.72	0.119	0.100
60.0	9.085	33.673	26.067	194.49	0.139	-0.064
70.0	8.822	33.653	26.093	192.19	0.158	-0.122
80.0	8.653	33.745	26.191	183.04	0.177	-0.076
100.0	8.864	33.955	26.324	170.93	0.212	0.124
120.0	8.751	34.004	26.380	165.98	0.246	0.144
140.0	8.720	34.056	26.426	162.00	0.279	0.180
160.0	8.435	34.063	26.476	157.56	0.311	0.141
180.0	8.397	34.090	26.503	155.36	0.342	0.156
200.0	8.260	34.112	26.541	152.09	0.373	0.152
250.0	7.678	34.107	26.624	144.86	0.447	0.061
300.0	7.352	34.172	26.721	136.26	0.517	0.065
350.0	6.991	34.200	26.795	129.90	0.583	0.037
400.0	6.664	34.212	26.849	125.31	0.647	0.001
450.0	6.210	34.237	26.928	118.10	0.708	-0.039
500.0	5.973	34.256	26.974	114.23	0.766	-0.054
550.0	5.729	34.283	27.026	109.70	0.822	-0.064
600.0	5.409	34.292	27.072	105.56	0.875	-0.095
650.0	5.268	34.307	27.101	103.25	0.928	-0.101
700.0	5.141	34.329	27.134	100.58	0.978	-0.098
750.0	4.794	34.366	27.203	94.06	1.027	-0.109
800.0	4.668	34.382	27.230	91.83	1.074	-0.110
1001.9	3.927	34.460	27.372	78.96	1.245	-0.128

STATION: 33 DATE: 5/23/90 1048 GMT

LAT: 36 46.5 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.255	33.298	25.220	273.87	0.000	0.205
5.0	12.243	33.326	25.244	271.67	0.014	0.225
10.0	12.374	33.546	25.390	257.95	0.027	0.425
15.0	11.320	33.615	25.640	234.21	0.039	0.279
20.0	11.187	33.629	25.675	231.02	0.051	0.265
25.0	10.881	33.630	25.731	225.81	0.062	0.210
30.0	10.518	33.626	25.792	220.17	0.073	0.142
40.0	9.660	33.638	25.947	205.60	0.095	0.003
50.0	9.432	33.673	26.011	199.66	0.115	-0.008
60.0	9.334	33.733	26.074	193.87	0.134	0.024
70.0	9.368	33.875	26.180	184.03	0.153	0.142
80.0	9.289	33.897	26.210	181.41	0.172	0.146
100.0	9.069	33.944	26.282	174.89	0.207	0.147
120.0	8.989	33.966	26.312	172.42	0.242	0.152
140.0	8.869	33.996	26.355	168.75	0.276	0.156
160.0	8.815	34.018	26.381	166.65	0.310	0.164
180.0	8.677	34.048	26.427	162.68	0.343	0.166
200.0	8.578	34.067	26.457	160.14	0.375	0.165
250.0	8.349	34.105	26.523	154.74	0.454	0.160
300.0	7.719	34.151	26.653	142.98	0.528	0.101
350.0	7.251	34.170	26.735	135.74	0.597	0.049
400.0	6.873	34.182	26.797	130.36	0.664	0.006
450.0	6.423	34.209	26.878	123.00	0.727	-0.034
500.0	6.125	34.228	26.932	118.30	0.788	-0.057
550.0	5.845	34.252	26.987	113.50	0.846	-0.074
600.0	5.526	34.282	27.050	107.78	0.901	-0.089
650.0	5.290	34.308	27.099	103.45	0.954	-0.097
700.0	5.075	34.329	27.141	99.75	1.004	-0.106
750.0	4.754	34.363	27.205	93.79	1.053	-0.115
800.0	4.417	34.398	27.270	87.60	1.099	-0.125
899.9	4.009	34.439	27.346	80.62	1.183	-0.135

STATION: 29 DATE: 5/23/90 1248 GMT

LAT: 36 42.0 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.806	33.395	25.188	276.84	0.000	0.392
5.0	12.584	33.459	25.281	268.14	0.014	0.398
10.0	11.504	33.592	25.589	239.01	0.026	0.295
15.0	11.422	33.586	25.599	238.14	0.038	0.275
20.0	11.194	33.595	25.647	233.67	0.050	0.239
25.0	10.657	33.609	25.754	223.64	0.061	0.153
30.0	10.240	33.619	25.834	216.13	0.072	0.087
40.0	9.249	33.580	25.967	203.58	0.093	-0.111
50.0	8.922	33.686	26.103	190.91	0.113	-0.080
60.0	9.143	33.878	26.218	180.18	0.132	0.108
70.0	9.121	33.912	26.248	177.52	0.149	0.131
80.0	9.062	33.916	26.261	176.49	0.167	0.124
100.0	8.877	33.971	26.334	169.95	0.202	0.138
120.0	8.831	33.989	26.355	168.31	0.236	0.144
140.0	8.801	33.996	26.366	167.69	0.269	0.145
160.0	8.668	34.033	26.416	163.30	0.302	0.153
180.0	8.530	34.066	26.463	159.16	0.335	0.157
200.0	8.426	34.103	26.509	155.20	0.366	0.170
250.0	7.875	34.157	26.634	143.95	0.441	0.130
300.0	7.533	34.163	26.689	139.48	0.512	0.084
350.0	7.051	34.181	26.771	132.15	0.580	0.030
400.0	6.629	34.204	26.847	125.43	0.644	-0.010
450.0	6.388	34.224	26.895	121.41	0.706	-0.026
500.0	6.119	34.235	26.939	117.70	0.766	-0.053
550.0	5.723	34.266	27.013	110.90	0.823	-0.078
600.0	5.414	34.293	27.072	105.56	0.877	-0.094
650.0	5.266	34.311	27.105	102.92	0.929	-0.098
700.0	4.963	34.349	27.170	96.88	0.979	-0.103
750.0	4.833	34.363	27.196	94.76	1.026	-0.107
800.0	4.595	34.388	27.243	90.49	1.073	-0.114
1000.0	4.072	34.441	27.342	82.08	1.246	-0.128
1200.0	3.584	34.488	27.430	74.36	1.402	-0.141
1299.6	3.228	34.518	27.488	68.63	1.474	-0.151

STATION: 25 DATE: 5/23/90 1623 GMT

LAT: 36 33.6 N. LON: 122 14.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.072	33.198	24.983	296.34	0.000	0.289
5.0	13.066	33.198	24.985	296.36	0.015	0.288
10.0	12.396	33.223	25.135	282.20	0.029	0.174
15.0	11.473	33.251	25.330	263.77	0.043	0.018
20.0	10.900	33.197	25.391	258.05	0.056	-0.131
25.0	10.680	33.213	25.441	253.34	0.069	-0.159
30.0	10.450	33.230	25.495	248.37	0.081	-0.186
40.0	9.891	33.311	25.652	233.56	0.105	-0.219
50.0	9.899	33.411	25 730	226.44	0.128	-0.138
60.0	9.695	33.515	25.845	215.69	0.150	-0.089
70.0	9.551	33.681	25.998	201.31	0.171	0.018
80.0	9.423	33.784	26.100	191.85	0.191	0.079
100.0	9.070	33.876	26.229	179.95	0.228	0.094
120.0	8.627	33.900	26.318	171.82	0.263	0.042
140.0	8.469	33.967	26.395	164.84	0.297	0.071
160.0	8.211	34.010	26.468	158.24	0.329	0.065
180.0	8.182	34.066	26.516	154.00	0.360	0.104
200.0	8.072	34.094	26.555	150.69	0.391	0.109
250.0	7.591	34.135	26.658	141.57	0.464	0.070
300.0	7.248	34.183	26.745	133.97	0.533	0.059
350.0	6.950	34.200	26.800	129.36	0.599	0.031
400.0	6.521	34.204	26.861	123.98	0.662	-0.024
450.0	6.270	34.226	26.912	119.68	0.723	-0.040
500.0	5.962	34.259	26.977	113.87	0.781	-0.053
550.0	5.758	34.279	27.019	110.37	0.838	-0.063
600.0	5.314	34.255	27.054	107.10	0.892	-0.136
650.0	5.244	34.323	27.117	101.76	0.944	-0.091
700.0	4.965	34.350	27.171	96.83	0.994	-0.102
750.0	4.704	34.371	27.217	92.58	1.041	-0.115
800.0	4.579	34.391	27.247	90.08	1.087	-0.113
1000.0	3.884	34.464	27.379	78.13	1.257	-0.129
1200.0	3.412	34.505	27.460	71.06	1.405	-0.144
1400.0	2.941	34.538	27.531	64.42	1.540	-0.162
1600.0	2.603	34.565	27.583	59.60	1.664	-0.171
1800.0	2.257	34.595	27.636	54.29	1.779	-0.176
2000.0	2.042	34.616	27.671	51.03	1.884	-0.177
2200.0	1.834	34.637	27.705	47.71	1.985	-0.177
2400.0	1.775	34.645	27.717	47.10	2.079	-0.177
2501.2	1.764	34.646	27.720	47.23	2.127	-0.177

STATION: 34 DATE: 5/23/90 1953 GMT

LAT: 36 47.6 N. LON: 121 51.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.720	33.504	25.290	267.20	0.000	0.461
5.0	12.607	33.506	25.313	265.12	0.013	0.439
10.0	11.361	33.507	25.548	242.85	0.026	0.200
15.0	10.966	33.525	25.634	234.85	0.038	0.142
20.0	10.425	33.605	25.791	220.01	0.049	0.109
25.0	9.891	33.728	25.978	202.34	0.060	0.114
30.0	9.683	33.812	26.078	192.89	0.070	0.145
40.0	9.440	33.864	26.159	185.42	0.089	0.145
50.0	9.290	33.893	26.206	181.14	0.107	0.143
60.0	9.151	33.924	26.253	176.85	0.125	0.146
70.0	8.949	33.963	26.315	171.13	0.142	0.143
80.0	8.938	33.964	26.318	171.06	0.159	0.142
100.0	8.820	33.980	26.350	168.41	0.194	0.136
120.0	8.655	34.017	26.405	163.59	0.226	0.139
140.0	8.532	34.036	26.439	160.69	0.259	0.135
160.0	7.942	34.102	26.580	147.51	0.289	0.098
180.0	7.700	34.124	26.632	142.83	0.318	0.079
200.0	7.408	34.140	26.688	137.81	0.346	0.050
241.8	7.121	34.165	26.748	132.68	0.402	0.028

STATION: 41 DATE: 6/ 1/90 0918 GMT

LAT: 36 41.8 N. LON: 122 9.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.380	33.243	24.957	298.88	0.000	0.388
5.0	13.376	33.259	24.970	297.72	0.015	0.400
10.0	13.348	33.326	25.028	292.39	0.030	0.447
15.0	12.328	33.354	25.249	271.49	0.044	0.265
20.0	11.158	33.397	25.500	247.67	0.057	0.076
25.0	10.729	33.515	25.668	231.81	0.069	0.091
30.0	10.126	33.555	25.803	219.04	0.080	0.016
40.0	9.774	33.574	25.877	212.18	0.102	-0.029
50.0	9.506	33.641	25.974	203.19	0.122	-0.021
60.0	9.480	33.695	26.021	198.95	0.142	0.018
70.0	9.021	33.761	26.146	187.19	0.162	-0.005
80.0	8.919	33.797	26.191	183.16	0.180	0.007
100.0	8.514	33.895	26.330	170.20	0.216	0.021
120.0	8.315	33.936	26.393	164.56	0.249	0.023
140.0	8.350	34.014	26.449	159.64	0.282	0.089
160.0	8.297	34.071	26.503	154.95	0.313	0.126
180.0	8.145	34.084	26.536	152.15	0.344	0.113
200.0	8.023	34.089	26.558	150.31	0.374	0.098
250.0	7.522	34.094	26.635	143.64	0.448	0.028
300.0	6.922	34.112	26.734	134.80	0.517	-0.042
350.0	6.469	34.130	26.809	128.10	0.583	-0.089
400.0	6.176	34.158	26.870	122.84	0.646	-0.105
450.0	6.096	34.204	26.917	119.05	0.706	-0.079
500.0	5.794	34.227	26.973	114.06	0.764	-0.099
550.0	5.669	34.269	27.022	109.97	0.821	-0.082
600.0	5.388	34.291	27.074	105.34	0.875	-0.098
650.0	5.242	34.315	27.110	102.33	0.927	-0.097
700.0	4.981	34.343	27.163	97.57	0.977	-0.106
750.0	4.797	34.361	27.199	94.44	1.025	-0.112
800.0	4.659	34.375	27.225	92.24	1.071	-0.117
957.1	4.135	34.429	27.326	83.36	1.209	-0.131

STATION: 42 DATE: 6/ 1/90 1106 GMT

LAT: 36 35.9 N. LON: 122 10.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.742	33.329	24.950	299.55	0.000	0.532
5.0	13.726	33.331	24.954	299.24	0.015	0.530
10.0	13.474	33.325	25.002	294.88	0.030	0.473
15.0	12.701	33.347	25.172	278.78	0.044	0.332
20.0	11.347	33.460	25.515	246.27	0.057	0.160
25.0	11.080	33.479	25.578	240.34	0.069	0.126
30.0	10.400	33.540	25.745	224.59	0.081	0.052
40.0	9.894	33.547	25.837	216.05	0.103	-0.029
50.0	9.722	33.648	25.944	206.06	0.124	0.021
60.0	9.444	33.733	26.057	195.55	0.144	0.042
70.0	9.102	33.757	26.131	188.68	0.163	0.005
80.0	9.038	33.822	26.191	183.12	0.182	0.046
100.0	8.956	33.934	26.292	173.92	0.218	0.121
120.0	8.756	33.980	26.360	167.85	0.252	0.126
140.0	8.529	34.026	26.432	161.37	0.285	0.127
160.0	8.254	34.044	26.488	156.34	0.316	0.098
180.0	8.114	34.059	26.520	153.58	0.347	0.088
200.0	7.737	34.046	26.567	149.40	0.378	0.023
250.0	7.445	34.118	26.665	140.79	0.450	0.036
300.0	7.156	34.144	26.727	135.60	0.519	0.016
350.0	6.508	34.126	26.801	128.88	0.585	-0.086
400.0	6.413	34.181	26.857	124.28	0.648	-0.056
450.0	5.893	34.172	26.917	118.77	0.709	-0.130
500.0	5.864	34.230	26.967	114.76	0.768	-0.088
550.0	5.631	34.258	27.018	110.28	0.824	-0.095
600.0	5.398	34.294	27.075	105.31	0.878	-0.095
650.0	5.192	34.328	27.126	100.77	0.929	-0.093
700.0	5.023	34.345	27.160	97.92	0.979	-0.099
750.0	4.782	34.358	27.198	94.51	1.027	-0.116
800.0	4.613	34.381	27.236	91.21	1.073	-0.117
1000.0	3.887	34.460	27.376	78.46	1.242	-0.132
1006.6	3.879	34.460	27.377	78.42	1.247	-0.133

STATION: 43 DATE: 6/ 1/90 1236 GMT

LAT: 36 38.4 N. LON: 122 3.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.652	33.403	25.025	292.35	0.000	0.572
5.0	13.423	33.422	25.086	286.69	0.015	0.539
10.0	13.046	33.395	25.142	281.56	0.029	0.441
15.0	11.622	33.360	25.387	258.35	0.042	0.133
20.0	11.331	33.568	25.601	238.04	0.055	0.243
25.0	10.388	33.552	25.756	223.41	0.066	0.060
30.0	10.153	33.571	25.811	218.28	0.077	0.034
40.0	9.997	33.615	25.872	212.71	0.099	0.041
50.0	9.995	33.673	25.918	208.56	0.120	0.087
60.0	9.494	33.705	26.026	198.42	0.140	0.028
70.0	9.293	33.763	26.104	191.21	0.160	0.041
80.0	9.077	33.860	26.215	180.84	0.178	0.083
100.0	8.835	33.937	26.314	171.88	0.214	0.104
120.0	8.514	33.965	26.386	165.32	0.247	0.076
140.0	8.462	34.011	26.430	161.49	0.280	0.104
160.0	8.151	34.041	26.501	155.08	0.312	0.080
180.0	7.985	34.068	26.547	151.03	0.342	0.076
200.0	7.848	34.084	26.580	148.18	0.372	0.069
250.0	7.664	34.106	26.625	144.72	0.445	0.059
300.0	7.065	34.113	26.715	136.63	0.516	-0.021
350.0	6.818	34.173	26.797	129.55	0.582	-0.008
400.0	6.514	34.207	26.864	123.68	0.645	-0.023
450.0	6.291	34.226	26.909	119.98	0.706	-0.037
500.0	6.028	34.250	26.962	115.36	0.765	-0.052
550.0	5.710	34.270	27.018	110.40	0.822	-0.076
600.0	5.441	34.287	27.065	106.30	0.876	-0.095
650.0	5.207	34.312	27.112	102.08	0.928	-0.103
700.0	5.070	34.335	27.147	99.23	0.978	-0.101
750.0	4.883	34.355	27.185	95.94	1.027	-0.107
800.0	4.700	34.374	27.220	92.82	1.074	-0.113
1000.0	3.886	34.457	27.374	78.64	1.244	-0.134
1004.6	3.880	34.458	27.375	78.57	1.248	-0.134

STATION: 44 DATE: 6/ 2/90 0906 GMT

LAT: 36 41.8 N. LON: 122 9.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.922	33.175	24.995	295.22	0.000	0.241
5.0	12.914	33.243	25.050	290.16	0.015	0.293
10.0	12.696	33.322	25.154	280.39	0.029	0.312
15.0	11.508	33.378	25.422	255.01	0.042	0.126
20.0	11.092	33.431	25.538	244.03	0.055	0.090
25.0	10.542	33.522	25.706	228.20	0.067	0.063
30.0	10.127	33.542	25.793	219.98	0.078	0.007
40.0	9.738	33.594	25.899	210.14	0.099	-0.019
50.0	9.606	33.651	25.965	204.01	0.120	0.004
60.0	9.073	33.737	26.119	189.58	0.140	-0.015
70.0	9.013	33.754	26.142	187.58	0.158	-0.012
80.0	8.911	33.771	26.171	184.96	0.177	-0.015
100.0	8.648	33.851	26.276	175.43	0.213	0.007
120.0	8.524	33.937	26.362	167.59	0.247	0.055
140.0	8.252	33.994	26.448	159.71	0.280	0.058
160.0	8.257	34.048	26.490	156.10	0.311	0.102
180.0	8.128	34.094	26.546	151.13	0.342	0.118
200.0	7.931	34.104	26.583	147.89	0.372	0.097
250.0	7.330	34.104	26.671	140.17	0.444	0.009
300.0	6.873	34.101	26.732	134.94	0.513	-0.057
350.0	6.355	34.118	26.815	127.47	0.578	-0.113
400.0	6.174	34.169	26.879	122.01	0.641	-0.096
450.0	5.978	34.217	26.942	116.56	0.700	-0.084
500.0	5.657	34.243	27.003	111.14	0.757	-0.103
550.0	5.546	34.282	27.047	107.44	0.812	-0.086
600.0	5.299	34.297	27.089	103.81	0.864	-0.104
650.0	5.122	34.330	27.136	99.75	0.916	-0.100
700.0	4.896	34.353	27.180	95.77	0.965	-0.107
750.0	4.694	34.371	27.218	92.50	1.011	-0.116
800.0	4.577	34.383	27.241	90.62	1.057	-0.119
973.2	4.188	34.424	27.316	84.51	1.208	-0.130

STATION: 45 DATE: 6/ 2/90 1100 GMT

LAT: 36 36.0 N. LON: 122 10.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.537	33.422	25.064	288.73	0.000	0.563
5.0	13.285	33.419	25.112	284.25	0.014	0.508
10.0	13.195	33.420	25.131	282.57	0.029	0.490
15.0	12.596	33.438	25.263	270.18	0.042	0.383
20.0	11.380	33.508	25.546	243.29	0.055	0.205
25.0	10.312	33.532	25.754	223.64	0.067	0.031
30.0	9.911	33.578	25.858	213.86	0.078	-0.002
40.0	9.639	33.695	25.994	201.11	0.098	0.044
50.0	9.496	33.729	26.045	196.47	0.118	0.048
60.0	9.064	33.769	26.146	187.06	0.137	0.009
70.0	9.179	33.845	26.187	183.35	0.156	0.087
80.0	9.101	33.880	26.226	179.79	0.174	0.102
100.0	8.919	33.949	26.310	172.27	0.209	0.127
120.0	8.623	34.006	26.401	163.91	0.243	0.125
140.0	8.477	34.025	26.439	160.71	0.275	0.117
160.0	8.084	34.033	26.505	154.68	0.307	0.064
180.0	7.929	34.056	26.546	151.09	0.337	0.059
200.0	8.008	34.122	26.586	147.66	0.367	0.122
250.0	7.415	34.126	26.676	139.77	0.439	0.038
300.0	7.000	34.148	26.752	133.17	0.508	-0.003
350.0	6.780	34.181	26.808	128.47	0.573	-0.007
400.0	6.329	34.188	26.874	122.62	0.636	-0.062
450.0	6.057	34.201	26.919	118.79	0.696	-0.087
500.0	5.762	34.235	26.983	113.06	0.754	-0.097
550.0	5.572	34.269	27.034	108.71	0.810	-0.093
600.0	5.325	34.294	27.083	104.39	0.863	-0.104
650.0	5.171	34.304	27.110	102.25	0.915	-0.114
700.0	5.007	34.336	27.155	98.40	0.965	-0.108
750.0	4.773	34.358	27.199	94.39	1.013	-0.117
800.0	4.620	34.379	27.233	91.45	1.059	-0.118
1000.0	3.903	34.457	27.372	78.87	1.230	-0.133
1007.1	3.885	34.458	27.375	78.65	1.235	-0.134

STATION: 46 DATE: 6/ 2/90 1206 GMT

LAT: 36 38.4 N. LON: 122 3.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.617	33.482	25.094	285.86	0.000	0.627
5.0	13.166	33.476	25.180	277.79	0.014	0.529
10.0	12.198	33.458	25.354	261.34	0.028	0.322
15.0	10.993	33.489	25.601	237.98	0.040	0.118
20.0	11.033	33.552	25.643	234.08	0.052	0.175
25.0	10.709	33.601	25.738	225.11	0.063	0.156
30.0	10.173	33.629	25.853	214.29	0.074	0.083
40.0	9.708	33.701	25.987	201.74	0.095	0.061
50.0	9.581	33.730	26.031	197.77	0.115	0.062
60.0	9.330	33.771	26.105	190.98	0.134	0.054
70.0	9.156	33.825	26.174	184.53	0.153	0.067
80.0	9.067	33.851	26.210	181.36	0.171	0.074
100.0	8.906	33.938	26.303	172.89	0.207	0.116
120.0	8.613	34.014	26.409	163.18	0.240	0.130
140.0	8.467	34.056	26.465	158.24	0.272	0.140
160.0	8.203	34.066	26.513	153.98	0.303	0.108
180.0	8.080	34.087	26.548	150.93	0.334	0.106
200.0	7.958	34.100	26.577	148.55	0.364	0.098
250.0	7.426	34.122	26.671	140.23	0.436	0.037
300.0	7.177	34.158	26.735	134.81	0.505	0.030
350.0	6.760	34.175	26.806	128.60	0.571	-0.014
400.0	6.426	34.202	26.872	122.82	0.633	-0.038
450.0	6.114	34.217	26.925	118.28	0.694	-0.066
500.0	5.955	34.248	26.970	114.56	0.752	-0.062
550.0	5.600	34.275	27.035	108.68	0.808	-0.086
600.0	5.349	34.300	27.085	104.21	0.861	-0.096
650.0	5.235	34.312	27.109	102.49	0.913	-0.101
700.0	5.113	34.329	27.137	100.20	0.964	-0.101
750.0	4.841	34.357	27.191	95.28	1.013	-0.110
800.0	4.650	34.376	27.228	92.02	1.060	-0.117
1000.0	3.962	34.449	27.360	80.14	1.232	-0.133
1004.8	3.952	34.451	27.362	79.95	1.235	-0.133

STATION: 0 DATE: 6/16/90 1923 GMT

LAT: 36 33.4 N. LON: 122 1.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.068	33.744	25.786	220.04	0.000	0.334
5.0	11.043	33.746	25.792	219.56	0.011	0.332
10.0	10.625	33.758	25.875	211.77	0.022	0.265
15.0	10.369	33.767	25.927	206.98	0.032	0.227
20.0	10.010	33.779	25.997	200.36	0.042	0.174
25.0	9.606	33.756	26.047	195.71	0.052	0.088
30.0	9.374	33.793	26.114	189.50	0.062	0.078
40.0	9.234	33.820	26.158	185.47	0.081	0.077
50.0	9.197	33.880	26.211	180.63	0.099	0.119
60.0	9.206	33.901	26.226	179.40	0.117	0.136
70.0	9.168	33.907	26.237	178.58	0.135	0.135
80.0	9.158	33.912	26.243	178.26	0.153	0.137
100.0	9.027	33.923	26.272	175.81	0.188	0.124
120.0	8.967	33.928	26.287	174.86	0.223	0.118
140.0	8.861	33.947	26.318	172.23	0.258	0.116
160.0	8.820	33.952	26.329	171.60	0.292	0.113
180.0	8.721	33.969	26.358	169.19	0.326	0.111
200.0	8.644	33.982	26.380	167.44	0.360	0.108
250.0	8.045	34.066	26.538	153.19	0.440	0.083
300.0	7.573	34.148	26.671	141.16	0.514	0.077
350.0	7.288	34.171	26.731	136.16	0.583	0.055
400.0	6.959	34.185	26.788	131.32	0.650	0.020
450.0	6.544	34.208	26.862	124.69	0.714	-0.019
500.0	6.215	34.229	26.922	119.43	0.775	-0.045
550.0	5.720	34.267	27.014	110.77	0.832	-0.077
600.0	5.405	34.297	27.077	105.12	0.886	-0.092
650.0	5.218	34.315	27.113	102.01	0.938	-0.100
666.6	5.107	34.328	27.137	99.86	0.955	-0.103

STATION: 1 DATE: 6/16/90 2136 GMT

LAT: 36 20.1 N. LON: 121 56.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.307	33.689	25.700	228.21	0.000	0.335
5.0	11.095	33.708	25.753	223.31	0.011	0.311
10.0	10.555	33.702	25.844	214.70	0.022	0.209
15.0	10.024	33.719	25.948	204.90	0.033	0.130
20.0	9.913	33.732	25.977	202.27	0.043	0.121
25.0	9.767	33.752	26.017	198.58	0.053	0.112
30.0	9.715	33.767	26.037	196.76	0.063	0.114
40.0	9.628	33.793	26.073	193.61	0.082	0.121
47.1	9.623	33.797	26.077	193.39	0.096	0.123

STATION: 2 DATE: 6/16/90 2230 GMT

LAT: 36 20.1 N. LON: 121 59.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.473	33.481	25.508	246.46	0.000	0.201
5.0	11.410	33.487	25.524	245.05	0.012	0.194
10.0	11.346	33.524	25.565	241.29	0.024	0.211
15.0	11.203	33.543	25.606	237.50	0.036	0.200
20.0	11.034	33.556	25.646	233.76	0.048	0.179
25.0	10.755	33.559	25.698	228.95	0.060	0.131
30.0	10.438	33.578	25.768	222.42	0.071	0.089
40.0	10.165	33.589	25.823	217.34	0.093	0.050
50.0	9.845	33.624	25.905	209.77	0.114	0.023
60.0	9.854	33.677	25.945	206.20	0.135	0.066
70.0	9.875	33.730	25.983	202.80	0.156	0.112
80.0	9.759	33.764	26.029	198.63	0.176	0.119
100.0	9.420	33.848	26.151	187.44	0.214	0.128

STATION: 3 DATE: 6/16/90 2300 GMT

LAT: 36 20.1 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.980	33.465	25.401	256.59	0.000	0.285
5.0	11.917	33.464	25.413	255.64	0.013	0.272
10.0	11.346	33.477	25.528	244.78	0.025	0.174
15.0	10.615	33.548	25.714	227.24	0.037	0.097
20.0	10.456	33.600	25.782	220.83	0.048	0.110
25.0	10.357	33.638	25.829	216.50	0.059	0.123
30.0	10.321	33.647	25.842	215.34	0.070	0.124
40.0	10.281	33.654	25.854	214.40	0.091	0.122
50.0	10.091	33.660	25.892	211.08	0.113	0.093
60.0	9.894	33.669	25.932	207.43	0.134	0.067
70.0	9.723	33.691	25.978	203.24	0.154	0.055
80.0	9.651	33.728	26.018	199.61	0.174	0.072
100.0	9.420	33.814	26.124	189.98	0.213	0.101
120.0	9.347	33.868	26.179	185.17	0.251	0.132
124.9	9.260	33.874	26.197	183.49	0.260	0.122

STATION: 4 DATE: 6/16/90 2336 GMT

LAT: 36 20.1 N. LON: 122 5.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.304	33.406	25.294	266.78	0.000	0.301
5.0	12.289	33.408	25.298	266.51	0.013	0.299
10.0	11.836	33.426	25.398	257.12	0.027	0.226
15.0	11.572	33.458	25.472	250.26	0.039	0.201
20.0	11.399	33.474	25.517	246.09	0.052	0.181
25.0	10.896	33.526	25.647	233.80	0.064	0.130
30.0	10.725	33.562	25.706	228.31	0.075	0.128
40.0	10.619	33.580	25.738	225.45	0.098	0.123
50.0	10.492	33.601	25.777	222.02	0.120	0.116
60.0	10.208	33.655	25.868	213.55	0.142	0.109
70.0	10.060	33.682	25.915	209.32	0.163	0.105
80.0	9.577	33.782	26.073	194.39	0.183	0.103
100.0	9.502	33.820	26.115	190.81	0.222	0.120
120.0	8.926	33.941	26.303	173.33	0.258	0.121
140.0	8.765	33.968	26.349	169.24	0.293	0.117
160.0	8.708	33.979	26.367	167.90	0.326	0.117
180.0	8.678	33.984	26.377	167.42	0.360	0.116
200.0	8.489	34.016	26.431	162.57	0.393	0.112
250.0	8.373	34.037	26.466	160.15	0.474	0.109
300.9	7.979	34.101	26.576	150.47	0.553	0.100

STATION: 5 DATE: 6/17/90 0041 GMT

LAT: 36 20.2 N. LON: 122 8.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.329	33.365	25.258	270.26	0.000	0.273
5.0	12.300	33.367	25.265	269.69	0.014	0.269
10.0	12.180	33.372	25.292	267.28	0.027	0.249
15.0	12.025	33.372	25.321	264.60	0.040	0.219
20.0	11.476	33.401	25.446	252.86	0.053	0.138
25.0	11.157	33.486	25.570	241.17	0.066	0.146
30.0	11.094	33.496	25.589	239.45	0.078	0.142
40.0	10.846	33.519	25.651	233.79	0.101	0.115
50.0	10.402	33.552	25.754	224.16	0.124	0.061
60.0	10.172	33.581	25.816	218.44	0.146	0.044
70.0	9.697	33.724	26.008	200.42	0.167	0.077
80.0	9.602	33.768	26.058	195.82	0.187	0.096
100.0	9.259	33.847	26.176	185.03	0.225	0.101
120.0	8.919	33.893	26.267	176.72	0.261	0.083
140.0	8.633	33.947	26.353	168.82	0.296	0.080
160.0	8.528	33.986	26.401	164.70	0.329	0.094
180.0	8.258	34.012	26.462	159.14	0.362	0.073
200.0	8.092	34.021	26.495	156.34	0.393	0.055
250.0	7.717	34.097	26.610	146.16	0.469	0.059
300.0	7.421	34.139	26.686	139.65	0.541	0.049
350.0	6.883	34.118	26.745	134.52	0.610	-0.043
400.0	6.902	34.194	26.802	129.88	0.676	0.019
450.0	6.690	34.217	26.850	125.98	0.740	0.008
500.0	6.522	34.223	26.877	123.99	0.802	-0.010
550.0	6.071	34.240	26.949	117.36	0.863	-0.055
600.0	5.618	34.274	27.033	109.52	0.919	-0.084
650.0	5.235	34.306	27.104	102.94	0.971	-0.106
671.2	5.116	34.315	27.125	100.99	0.993	-0.112

STATION: 6 DATE: 6/17/90 0136 GMT

LAT: 36 20.0 N. LON: 122 13.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.982	33.367	25.132	282.20	0.000	0.405
5.0	12.978	33.368	25.134	282.15	0.014	0.405
10.0	12.956	33.370	25.140	281.73	0.028	0.402
15.0	12.422	33.361	25.237	272.59	0.042	0.289
20.0	11.753	33.418	25.408	256.45	0.055	0.204
25.0	11.371	33.456	25.507	247.10	0.068	0.162
30.0	11.247	33.468	25.540	244.14	0.080	0.148
40.0	11.004	33.460	25.577	240.81	0.104	0.097
50.0	10.421	33.501	25.711	228.22	0.128	0.025
60.0	10.071	33.657	25.893	211.17	0.150	0.087
70.0	9.980	33.704	25.945	206.41	0.171	0.109
80.0	9.779	33.740	26.007	200.70	0.191	0.103
100.0	9.042	33.829	26.197	182.98	0.229	0.052
120.0	8.887	33.966	26.329	170.84	0.264	0.135
140.0	8.610	33.988	26.389	165.42	0.298	0.109
160.0	8.299	33.986	26.436	161.30	0.331	0.059
180.0	8.049	34.031	26.508	154.69	0.362	0.056
200.0	7.873	34.044	26.545	151.47	0.393	0.041
250.0	7.238	34.063	26.651	141.97	0.466	-0.036
300.0	7.116	34.129	26.720	136.18	0.536	-0.002
350.0	6.496	34.114	26.793	129.66	0.602	-0.098
400.0	6.267	34.153	26.854	124.39	0.665	-0.097
450.0	6.301	34.224	26.906	120.26	0.726	-0.037
500.0	6.026	34.226	26.943	117.14	0.786	-0.071
550.0	5.851	34.258	26.991	113.10	0.843	-0.068
600.0	5.551	34.284	27.049	107.93	0.899	-0.085
650.0	5.221	34.306	27.106	102.73	0.951	-0.107
700.0	5.098	34.316	27.128	101.00	1.002	-0.114
750.0	4.882	34.341	27.173	97.00	1.052	-0.119
800.0	4.774	34.351	27.194	95.41	1.099	-0.123
934.6	4.238	34.425	27.312	84.69	1.221	-0.123

STATION: 7 DATE: 6/17/90 0230 GMT

LAT: 36 20.1 N. LON: 122 15.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.579	33.403	25.239	272.04	0.000	0.353
5.0	12.589	33.402	25.236	272.44	0.014	0.353
10.0	12.380	33.402	25.277	268.70	0.027	0.312
15.0	11.683	33.430	25.430	254.27	0.040	0.200
20.0	11.532	33.441	25.466	250.92	0.053	0.180
25.0	11.416	33.444	25.490	248.77	0.065	0.160
30.0	11.289	33.457	25.524	245.66	0.078	0.147
40.0	10.637	33.471	25.650	233.85	0.102	0.039
50.0	10.295	33.494	25.728	226.67	0.125	-0.003
60.0	10.235	33.517	25.756	224.17	0.147	0.005
70.0	10.151	33.540	25.788	221.34	0.169	0.008
80.0	9.587	33.601	25.930	208.03	0.191	-0.040
100.0	9.143	33.698	26.078	194.28	0.231	-0.036
120.0	8.994	33.814	26.193	183.77	0.268	0.032
140.0	8.735	33.981	26.365	167.78	0.303	0.123
160.0	8.400	33.994	26.427	162.17	0.336	0.081
180.0	7.971	34.007	26.501	155.34	0.368	0.026
200.0	7.733	34.055	26.574	148.70	0.398	0.029
250.0	7.297	34.062	26.642	142.88	0.471	-0.029
300.0	6.871	34.070	26.708	137.21	0.541	-0.082
350.0	6.514	34.141	26.812	127.89	0.608	-0.074
400.0	6.022	34.130	26.867	122.93	0.671	-0.146
450.0	6.007	34.188	26.915	119.06	0.731	-0.103
500.0	5.775	34.217	26.967	114.58	0.789	-0.110
550.0	5.653	34.274	27.028	109.37	0.845	-0.080
600.0	5.404	34.292	27.073	105.50	0.899	-0.096
650.0	5.147	34.306	27.114	101.82	0.951	-0.115
700.0	5.066	34.317	27.133	100.53	1.002	-0.116
750.0	4.842	34.345	27.181	96.21	1.051	-0.120
800.0	4.708	34.368	27.214	93.36	1.099	-0.117
986.6	3.999	34.447	27.354	80.65	1.264	-0.131

STATION: 8 DATE: 6/17/90 0541 GMT

LAT: 36 19.9 N. LON: 122 19.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.429	33.395	25.262	269.87	0.000	0.317
5.0	12.429	33.396	25.262	269.94	0.013	0.317
10.0	12.153	33.444	25.352	261.51	0.027	0.301
15.0	11.229	33.401	25.490	248.48	0.040	0.092
20.0	10.890	33.503	25.630	235.29	0.052	0.110
25.0	11.000	33.680	25.749	224.12	0.063	0.271
30.0	10.827	33.738	25.825	217.03	0.074	0.286
40.0	10.102	33.731	25.945	205.76	0.095	0.152
50.0	9.588	33.698	26.005	200.25	0.116	0.038
60.0	9.267	33.746	26.095	191.87	0.135	0.023
70.0	9.233	33.766	26.116	190.04	0.154	0.033
80.0	9.158	33.778	26.138	188.20	0.173	0.030
100.0	8.849	33.869	26.259	177.09	0.210	0.053
120.0	8.565	33.900	26.327	170.96	0.245	0.032
140.0	8.448	33.941	26.377	166.49	0.278	0.047
160.0	8.277	33.976	26.431	161.74	0.311	0.048
180.0	8.009	34.021	26.506	154.88	0.343	0.042
200.0	7.824	34.049	26.556	150.47	0.373	0.037
250.0	7.279	34.060	26.643	142.74	0.446	-0.032
300.0	6.563	34.060	26.741	133.89	0.515	-0.131
350.0	6.423	34.104	26.795	129.40	0.581	-0.115
400.0	5.980	34.146	26.885	121.21	0.644	-0.139
450.0	5.737	34.174	26.937	116.71	0.703	-0.148
500.0	5.577	34.211	26.987	112.52	0.760	-0.138
550.0	5.552	34.262	27.031	108.98	0.816	-0.101
600.0	5.256	34.282	27.082	104.37	0.869	-0.121
650.0	5.030	34.326	27.144	98.87	0.920	-0.113
700.0	4.900	34.347	27.175	96.25	0.969	-0.111
750.0	4.781	34.367	27.205	93.83	1.017	-0.109
800.0	4.590	34.386	27.241	90.61	1.063	-0.116
965.1	3.884	34.460	27.376	78.14	1.201	-0.132

STATION: 9 DATE: 6/17/90 0641 GMT

LAT: 36 20.0 N. LON: 122 22.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.060	33.597	25.489	248.28	0.000	0.405
5.0	12.072	33.596	25.486	248.65	0.012	0.406
10.0	11.116	33.670	25.719	226.58	0.025	0.284
15.0	10.215	33.761	25.949	204.89	0.035	0.196
20.0	9.919	33.801	26.030	197.26	0.045	0.176
25.0	9.832	33.815	26.056	194.94	0.055	0.172
30.0	9.615	33.822	26.097	191.08	0.065	0.142
40.0	9.504	33.831	26.122	188.88	0.084	0.130
50.0	9.406	33.845	26.150	186.51	0.103	0.125
60.0	9.308	33.859	26.177	184.13	0.121	0.119
70.0	9.210	33.878	26.207	181.42	0.139	0.118
80.0	9.162	33.885	26.221	180.32	0.157	0.116
100.0	8.976	33.914	26.273	175.71	0.193	0.109
120.0	8.580	33.928	26.347	169.06	0.228	0.057
140.0	8.379	33.999	26.433	161.18	0.260	0.082
160.0	8.097	34.001	26.478	157.26	0.292	0.040
180.0	7.997	34.019	26.507	154.81	0.323	0.039
200.0	7.946	34.033	26.526	153.36	0.354	0.043
250.0	7.337	34.049	26.626	144.38	0.428	-0.033
300.0	6.763	34.060	26.715	136.49	0.498	-0.104
350.0	6.474	34.129	26.807	128.25	0.564	-0.089
400.0	5.923	34.137	26.885	121.15	0.626	-0.153
450.0	5.733	34.197	26.956	114.92	0.685	-0.130
500.0	5.646	34.242	27.003	111.07	0.741	-0.105
550.0	5.528	34.274	27.043	107.81	0.796	-0.095
600.0	5.224	34.298	27.099	102.80	0.848	-0.112
650.0	5.047	34.319	27.136	99.60	0.899	-0.116
700.0	4.918	34.347	27.173	96.47	0.948	-0.109
750.0	4.766	34.372	27.211	93.26	0.996	-0.107
800.0	4.515	34.399	27.260	88.71	1.041	-0.113
1000.0	3.986	34.449	27.357	80.43	1.208	-0.130
1200.8	3.427	34.501	27.455	71.55	1.362	-0.145

STATION: 10 DATE: 6/17/90 0953 GMT

LAT: 36 20.1 N. LON: 122 25.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.847	33.545	25.488	248.31	0.000	0.323
5.0	11.811	33.550	25.499	247.39	0.012	0.320
10.0	11.325	33.588	25.618	236.25	0.025	0.259
15.0	10.502	33.643	25.807	218.35	0.036	0.152
20.0	10.261	33.714	25.904	209.25	0.047	0.166
25.0	10.022	33.699	25.933	206.60	0.057	0.113
30.0	9.804	33.687	25.960	204.09	0.067	0.066
40.0	9 758	33.721	25.995	201.02	0.087	0.085
50.0	9.771	33.755	26.019	198.90	0.107	0.114
60.0	9.681	33.781	26.055	195.75	0.127	0.119
70.0	9.537	33.771	26.071	194.43	0.147	0.087
80.0	9.558	33.816	26.103	191.60	0.166	0.126
100.0	9.137	33.851	26.199	182.84	0.203	0.085
120.0	8.882	33.905	26.282	175.27	0.239	0.087
140.0	8.643	33.964	26.365	167.69	0.273	0.095
160.0	8.437	34.010	26.434	161.53	0.306	0.100
180.0	8.222	34.035	26.486	156.90	0.338	0.086
200.0	7.783	34.038	26.553	150.67	0.369	0.023
250.0	7.262	34.043	26.632	143.79	0.442	-0.048
300.0	6.959	34.092	26.713	136.76	0.513	-0.052
350.0	6.574	34.125	26.792	129.84	0.579	-0.078
400.0	6.004	34.118	26.860	123.60	0.643	-0.158
450.0	5.973	34.175	26.909	119.65	0.704	-0.118
500.0	5.665	34.229	26.991	112.27	0.761	-0.113
550.0	5.520	34.289	27.056	106.58	0.816	-0.084
600.0	5.210	34.295	27.098	102.83	0.868	-0.116
650.0	5.073	34.326	27.139	99.39	0.918	-0.108
700.0	4.891	34.351	27.180	95.84	0.967	-0.109
750.0	4.739	34.385	27.224	91.97	1.014	-0.100
800.0	4.537	34.395	27.255	89.27	1.059	-0.114
1000.0	3.920	34.457	27.370	79.06	1.229	-0.131
1200.0	3.537	34.496	27.440	73.26	1.381	-0.139
1400.0	3.023	34.537	27.522	65.49	1.520	-0.156
1600.0	2.571	34.571	27.590	58.78	1.646	-0.168
1650.3	2.436	34.579	27.608	56.86	1.675	-0.173

STATION: 11 DATE: 6/17/90 1130 GMT

LAT: 36 20.1 N. LON: 122 28.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	11.273	33.561	25.606	237.09	0.000	0.227
5.0	11.272	33.566	25.610	236.84	0.012	0.231
10.0	11.273	33.566	25.611	236.94	0.024	0.231
15.0	11.273	33.566	25.610	237.06	0.036	0.231
20.0	11.271	33.567	25.612	237.05	0.047	0.231
25.0	10.966	33.577	25.675	231.19	0.059	0.184
30.0	10.556	33.589	25.756	223.58	0.070	0.118
40.0	10.294	33.658	25.856	214.28	0.092	0.128
50.0	9.972	33.669	25.919	208.47	0.114	0.080
60.0	10.058	33.757	25.973	203.54	0.134	0.164
70.0	9.852	33.799	26.041	197.30	0.154	0.163
80.0	9.695	33.814	26.079	193.91	0.174	0.148
100.0	9.215	33.856	26.190	183.66	0.212	0.101
120.0	8.771	33.894	26.290	174.44	0.248	0.060
140.0	8.578	33.984	26.391	165.22	0.282	0.101
160.0	8.383	34.023	26.451	159.84	0.314	0.101
180.0	8.242	34.057	26.500	155.52	0.346	0.107
200.0	7.937	34.083	26.566	149.55	0.376	0.081
250.0	7.246	34.048	26.638	143.24	0.450	-0.047
300.0	6.749	34.049	26.708	137.12	0.520	-0.115
350.0	6.513	34.127	26.801	128.88	0.586	-0.085
400.0	6.275	34.138	26.841	125.64	0.650	-0.108
450.0	5.757	34.175	26.936	116.89	0.710	-0.144
500.0	5.603	34.215	26.987	112.52	0.767	-0.132
550.0	5.439	34.250	27.035	108.48	0.822	-0.124
600.0	5.211	34.299	27.101	102.57	0.875	-0.113
650.0	5.019	34.336	27.153	97.97	0.925	-0.106
700.0	4.811	34.354	27.191	94.61	0.973	-0.115
750.0	4.655	34.381	27.230	91.25	1.020	-0.112
800.0	4.449	34.403	27.270	87.61	1.064	-0.117
1000.0	3.795	34.468	27.391	76.78	1.229	-0.135
1200.0	3.385	34.507	27.464	70.60	1.376	-0.145
1400.0	3.008	34.537	27.524	65.28	1.511	-0.157
1600.0	2.695	34.560	27.571	61.07	1.637	-0.167
1800.0	2.218	34.598	27.642	53.61	1.753	-0.177
1850.2	2.090	34.611	27.663	51.34	1.779	-0.177

STATION: 12 DATE: 6/17/90 2153 GMT

LAT: 36 20.0 N. LON: 122 33.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.324	33.485	25.352	261.32	0.000	0.367
5.0	12.308	33.488	25.357	260.94	0.013	0.366
10.0	12.274	33.489	25.364	260.35	0.026	0.361
15.0	12.089	33.503	25.411	256.08	0.039	0.335
20.0	11.945	33.513	25.445	252.90	0.052	0.315
25.0	11.768	33.528	25.491	248.72	0.064	0.293
30.0	11.624	33.538	25.525	245.54	0.077	0.274
40.0	10.825	33.498	25.638	234.97	0.101	0.095
50.0	9.785	33.432	25.765	223.09	0.124	-0.140
60.0	9.464	33.465	25.843	215.80	0.146	-0.168
70.0	9.225	33.470	25.886	211.92	0.167	-0.203
80.0	9.460	33.682	26.014	199.99	0.188	0.004
100.0	9.213	33.826	26.167	185.87	0.226	0.077
120.0	8.919	33.925	26.291	174.38	0.262	0.108
140.0	8.586	33.965	26.375	166.73	0.297	0.087
160.0	8.380	34.017	26.447	160.23	0.329	0.096
180.0	8.143	34.061	26.518	153.84	0.361	0.094
200.0	7.988	34.075	26.553	150.83	0.391	0.082
250.0	7.400	34.084	26.645	142.68	0.465	0.003
300.0	6.497	34.033	26.728	135.00	0.534	-0.161
350.0	5.997	34.031	26.792	129.35	0.600	-0.227
400.0	5.850	34.095	26.861	123.36	0.665	-0.195
450.0	5.737	34.159	26.926	117.78	0.725	-0.159
500.0	5.662	34.219	26.983	112.97	0.783	-0.121
550.0	5.350	34.242	27.039	107.99	0.838	-0.141
600.0	5.159	34.279	27.091	103.43	0.891	-0.135
650.0	5.110	34.335	27.142	99.19	0.942	-0.097
700.0	4.868	34.364	27.193	94.56	0.990	-0.101
750.0	4.638	34.384	27.234	90.83	1.037	-0.112
800.0	4.421	34.400	27.271	87.52	1.081	-0.123
1000.0	3.832	34.465	27.385	77.45	1.246	-0.133
1200.0	3.372	34.514	27.471	69.94	1.393	-0.140
1400.0	3.027	34.540	27.524	65.32	1.528	-0.153
1600.0	2.639	34.563	27.578	60.17	1.654	-0.169
1800.0	2.412	34.582	27.614	57.10	1.771	-0.174
2000.0	2.086	34.611	27.664	51.90	1.880	-0.178
2200.8	1.946	34.626	27.688	49.91	1.982	-0.178

STATION: 13 DATE: 6/17/90 2353 GMT

LAT: 36 20.0 N. LON: 122 35.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.472	33.401	25.060	289.02	0.000	0.533
5.0	13.478	33.407	25.064	288.84	0.014	0.538
10.0	13.273	33.408	25.106	284.96	0.029	0.497
15.0	12.793	33.437	25.223	273.90	0.043	0.422
20.0	12.532	33.443	25.280	268.67	0.056	0.375
25.0	12.336	33.480	25.346	262.49	0.070	0.365
30.0	12.244	33.497	25.377	259.65	0.083	0.361
40.0	12.154	33.518	25.411	256.71	0.108	0.360
50.0	11.932	33.508	25.445	253.71	0.134	0.309
60.0	9.698	33.411	25.763	223.43	0.158	-0.172
70.0	9.523	33.465	25.834	216.85	0.180	-0.158
80.0	9.284	33.575	25.959	205.23	0.201	-0.111
100.0	9.234	33.803	26.145	187.91	0.240	0.062
120.0	8.937	33.906	26.274	176.06	0.276	0.096
140.0	8.781	33.994	26.368	167.51	0.310	0.141
160.0	8.449	34.013	26.434	161.54	0.343	0.103
180.0	8.182	34.047	26.501	155.43	0.375	0.089
200.0	8.060	34.076	26.542	151.86	0.406	0.093
250.0	7.250	34.054	26.643	142.80	0.479	-0.042
300.0	6.388	34.015	26.728	134.93	0.549	-0.190
350.0	6.014	34.063	26.814	127.21	0.614	-0.200
400.0	5.925	34.134	26.882	121.41	0.676	-0.155
450.0	5.728	34.175	26.940	116.48	0.736	-0.148
500.0	5.633	34.228	26.994	111.93	0.793	-0.118
550.0	5.397	34.252	27.041	107.83	0.848	-0.128
600.0	5.167	34.285	27.095	103.09	0.901	-0.129
650.0	5.026	34.316	27.136	99.54	0.952	-0.121
700.0	4.907	34.355	27.181	95.74	1.000	-0.104
750.0	4.755	34.374	27.213	93.00	1.047	-0.107
800.0	4.527	34.397	27.257	89.00	1.093	-0.114
1000.0	3.908	34.456	27.371	78.98	1.261	-0.133
1200.0	3.413	34.503	27.458	71.23	1.411	-0.145
1400.0	2.995	34.536	27.524	65.20	1.547	-0.159
1600.0	2.672	34.562	27.575	60.64	1.672	-0.167
1800.0	2.349	34.587	27.622	56.00	1.789	-0.175
2000.0	2.089	34.611	27.664	51.98	1.897	-0.178
2200.0	1.926	34.629	27.692	49.44	1.998	-0.177
2400.0	1.842	34.639	27.708	48.40	2.096	-0.176
2600.0	1.794	34.645	27.717	48.04	2.192	-0.177
2608.2	1.789	34.645	27.718	48.00	2.196	-0.177

STATION: 14 DATE: 6/18/90 0948 GMT

LAT: 36 20.1 N. LON: 122 39.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.764	33.354	24.965	298.14	0.000	0.557
5.0	13.764	33.354	24.965	298.26	0.015	0.556
10.0	13.580	33.353	25.002	294.87	0.030	0.517
15.0	12.876	33.359	25.147	281.14	0.044	0.378
20.0	12.599	33.374	25.213	275.03	0.058	0.333
25.0	12.489	33.376	25.236	273.00	0.072	0.313
30.0	12.237	33.373	25.282	268.73	0.085	0.261
40.0	10.924	33.326	25.487	249.34	0.111	-0.024
50.0	10.165	33.414	25.687	230.52	0.135	-0.090
60.0	9.555	33.412	25.787	221.11	0.158	-0.195
70.0	9.439	33.518	25.889	211.63	0.179	-0.130
80.0	9.598	33.624	25.947	206.42	0.200	-0.019
100.0	9.223	33.762	26.115	190.77	0.240	0.028
120.0	9.084	33.865	26.219	181.34	0.277	0.087
140.0	8.704	33.936	26.334	170.65	0.313	0.083
160.0	8.532	33.997	26.408	163.97	0.346	0.103
180.0	8.161	34.029	26.490	156.47	0.378	0.072
200.0	7.622	34.001	26.547	151.18	0.409	-0.030
250.0	7.057	34.010	26.635	143.44	0.482	-0.103
300.0	6.859	34.105	26.737	134.47	0.551	-0.056
350.0	6.348	34.108	26.807	128.16	0.617	-0.122
400.0	6.046	34.149	26.879	121.85	0.680	-0.128
450.0	5.928	34.211	26.943	116.36	0.739	-0.095
500.0	5.729	34.243	26.994	112.04	0.796	-0.094
550.0	5.582	34.279	27.041	108.13	0.851	-0.084
600.0	5.009	34.272	27.102	102.12	0.904	-0.157
650.0	5.030	34.334	27.150	98.25	0.954	-0.106
700.0	4.948	34.359	27.180	95.95	1.002	-0.097
750.0	4.644	34.368	27.221	92.12	1.049	-0.124
800.0	4.443	34.399	27.268	87.84	1.094	-0.121
1000.0	3.854	34.469	27.387	77.37	1.259	-0.128
1200.0	3.362	34.511	27.469	70.04	1.406	-0.144
1400.0	2.971	34.541	27.530	64.56	1.541	-0.157
1600.0	2.609	34.569	27.585	59.38	1.664	-0.167
1800.0	2.301	34.592	27.631	55.03	1.778	-0.175
2000.0	2.079	34.612	27.665	51.77	1.885	-0.178
2200.0	1.922	34.631	27.694	49.26	1.986	-0.176
2400.0	1.823	34.641	27.711	48.01	2.083	-0.176
2600.0	1.745	34.652	27.726	46.89	2.178	-0.175
2800.0	1.676	34.660	27.739	46.05	2.271	-0.174
3000.0	1.623	34.666	27.749	45.51	2.362	-0.175
3127.3	1.608	34.669	27.753	45.47	2.420	-0.174

STATION: 15 DATE: 6/18/90 1618 GMT

LAT: 36 20.3 N. LON: 122 42.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.875	33.305	25.105	284.76	0.000	0.334
5.0	12.486	33.274	25.157	279.98	0.014	0.232
10.0	12.118	33.259	25.215	274.53	0.028	0.147
15.0	12.066	33.262	25.228	273.46	0.042	0.140
20.0	12.012	33.265	25.241	272.35	0.055	0.132
25.0	11.814	33.329	25.327	264.25	0.069	0.144
30.0	11.690	33.374	25.385	258.85	0.082	0.156
40.0	11.389	33.397	25.459	252.06	0.108	0.118
50.0	10.753	33.418	25.589	239.88	0.132	0.018
60.0	10.216	33.498	25.744	225.32	0.156	-0.014
70.0	9.681	33.546	25.872	213.33	0.178	-0.067
80.0	9.521	33.632	25.965	204.66	0.198	-0.026
100.0	9.273	33.785	26.125	189.80	0.238	0.055
120.0	8.831	33.862	26.256	177.73	0.274	0.044
140.0	8.423	33.920	26.365	167.70	0.309	0.026
160.0	8.248	33.968	26.429	161.89	0.342	0.037
180.0	8.098	34.002	26.478	157.54	0.374	0.041
200.0	7.847	34.012	26.524	153.50	0.405	0.012
250.0	7.295	34.054	26.636	143.43	0.479	-0.035
300.0	6.714	34.065	26.725	135.45	0.549	-0.107
350.0	6.446	34.104	26.792	129.72	0.615	-0.112
400.0	6.291	34.156	26.854	124.48	0.678	-0.091
450.0	6.117	34.209	26.918	118.96	0.739	-0.073
500.0	5.654	34.233	26.995	111.84	0.797	-0.111
550.0	5.448	34.260	27.042	107.84	0.852	-0.115
600.0	5.116	34.278	27.095	102.93	0.904	-0.140
650.0	4.979	34.310	27.137	99.43	0.955	-0.131
700.0	4.786	34.343	27.185	95.13	1.003	-0.127
750.0	4.616	34.375	27.230	91.23	1.050	-0.121
800.0	4.481	34.399	27.264	88.29	1.095	-0.117
1000.0	3.894	34.461	27.376	78.48	1.262	-0.130
1200.0	3.371	34.505	27.464	70.57	1.410	-0.148
1400.0	2.972	34.539	27.528	64.73	1.545	-0.158
1600.0	2.638	34.562	27.578	60.22	1.670	-0.170
1800.0	2.339	34.587	27.624	55.85	1.786	-0.176
2000.0	2.074	34.612	27.666	51.70	1.893	-0.178
2200.0	1.916	34.630	27.694	49.24	1.994	-0.177
2400.0	1.813	34.640	27.710	47.97	2.091	-0.178
2600.0	1.742	34.650	27.725	47.00	2.186	-0.176
2800.0	1.688	34.658	27.737	46.35	2.279	-0.175
3000.0	1.630	34.666	27.749	45.61	2.371	-0.174
3165.3	1.585	34.673	27.759	44.97	2.446	-0.173

STATION: 16 DATE: 6/18/90 2048 GMT

LAT: 36 20.0 N. LON: 122 48.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.595	33.093	24.797	314.06	0.000	0.314
5.0	13.577	33.092	24.800	313.91	0.016	0.309
10.0	13.222	33.096	24.875	306.92	0.031	0.239
15.0	13.039	33.100	24.915	303.30	0.047	0.205
20.0	12.462	33.128	25.048	290.69	0.061	0.110
25.0	11.773	33.147	25.194	276.95	0.075	-0.009
30.0	10.849	33.182	25.387	258.58	0.089	-0.153
40.0	10.262	33.207	25.509	247.19	0.114	-0.237
50.0	9.720	33.211	25.603	238.47	0.138	-0.328
60.0	9.858	33.379	25.711	228.37	0.161	-0.170
70.0	9.679	33.453	25.799	220.22	0.184	-0.142
80.0	9.412	33.521	25.896	211.15	0.205	-0.132
100.0	9.305	33.690	26.046	197.38	0.246	-0.016
120.0	9.123	33.816	26.174	185.58	0.284	0.054
140.0	8.935	33.904	26.273	176.53	0.320	0.094
160.0	8.711	33.967	26.358	168.82	0.355	0.108
180.0	8.507	34.024	26.434	161.87	0.388	0.121
200.0	8.135	34.046	26.507	155.18	0.419	0.081
250.0	7.504	34.066	26.616	145.48	0.494	0.004
300.0	7.315	34.156	26.714	136.90	0.565	0.047
350.0	6.924	34.186	26.793	130.02	0.632	0.016
400.0	6.606	34.216	26.859	124.23	0.695	-0.003
450.0	6.119	34.212	26.920	118.76	0.756	-0.070
500.0	5.837	34.259	26.993	112.22	0.813	-0.068
550.0	5.639	34.278	27.033	108.90	0.869	-0.078
600.0	5.353	34.303	27.087	104.04	0.922	-0.093
650.0	5.138	34.327	27.132	100.13	0.973	-0.100
700.0	4.863	34.339	27.173	96.38	1.022	-0.122
750.0	4.703	34.373	27.218	92.47	1.069	-0.113
800.0	4.507	34.389	27.253	89.36	1.114	-0.122
1000.0	3.920	34.456	27.369	79.18	1.283	-0.132
1200.0	3.426	34.501	27.455	71.53	1.433	-0.146
1400.0	2.976	34.534	27.524	65.16	1.569	-0.162
1600.0	2.610	34.562	27.580	59.88	1.694	-0.172
1800.0	2.294	34.585	27.626	55.45	1.810	-0.181
2000.0	2.060	34.606	27.662	51.97	1.917	-0.184
2200.0	1.900	34.627	27.692	49.26	2.018	-0.180
2400.0	1.789	34.642	27.714	47.50	2.115	-0.178
2600.0	1.729	34.651	27.727	46.76	2.209	-0.177
2800.0	1.672	34.660	27.739	46.00	2.302	-0.175
3000.0	1.605	34.668	27.752	45.11	2.393	-0.174
3026.0	1.605	34.670	27.754	45.05	2.405	-0.173

STATION: 17 DATE: 6/18/90 2306 GMT

LAT: 36 20.0 N. LON: 122 53.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.625	33.241	25.104	284.83	0.000	0.233
5.0	12.535	33.245	25.125	283.01	0.014	0.218
10.0	12.262	33.263	25.191	276.81	0.028	0.178
15.0	12.176	33.299	25.236	272.73	0.042	0.190
20.0	12.058	33.285	25.247	271.73	0.056	0.156
25.0	11.833	33.298	25.300	266.86	0.069	0.123
30.0	11.740	33.344	25.353	261.89	0.082	0.142
40.0	11.491	33.391	25.435	254.31	0.108	0.132
50.0	9.878	33.319	25.661	232.93	0.133	-0.215
60.0	9.547	33.314	25.712	228.29	0.156	-0.275
70.0	9.384	33.393	25.800	220.05	0.178	-0.239
80.0	9.266	33.484	25.890	211.68	0.200	-0.186
100.0	8.994	33.633	26.051	196.79	0.241	-0.111
120.0	9.037	33.794	26.170	185.90	0.279	0.023
140.0	8.960	33.937	26.295	174.46	0.315	0.124
160.0	8.769	33.987	26.365	168.20	0.349	0.133
180.0	8.562	34.023	26.425	162.82	0.383	0.128
200.0	8.174	34.028	26.488	157.02	0.415	0.073
250.0	7.765	34.108	26.612	146.03	0.490	0.075
300.0	7.305	34.127	26.693	138.91	0.562	0.023
350.0	6.783	34.148	26.782	130.93	0.629	-0.032
400.0	6.444	34.179	26.852	124.80	0.693	-0.054
450.0	6.263	34.218	26.906	120.22	0.754	-0.047
500.0	5.778	34.226	26.974	113.93	0.812	-0.102
550.0	5.570	34.277	27.040	108.12	0.868	-0.088
600.0	5.369	34.304	27.087	104.14	0.921	-0.090
650.0	5.112	34.334	27.141	99.26	0.972	-0.097
700.0	4.906	34.358	27.183	95.52	1.021	-0.102
750.0	4.721	34.374	27.217	92.57	1.068	-0.110
800.0	4.547	34.395	27.253	89.40	1.113	-0.113
1000.0	3.957	34.456	27.366	79.59	1.282	-0.128
1200.0	3.365	34.504	27.463	70.59	1.432	-0.149
1400.0	2.988	34.533	27.523	65.32	1.567	-0.161
1600.0	2.607	34.563	27.581	59.77	1.692	-0.171
1800.0	2.302	34.586	27.626	55.44	1.807	-0.179
2000.0	2.076	34.608	27.662	52.03	1.914	-0.181
2200.0	1.917	34.627	27.691	49.47	2.015	-0.179
2400.0	1.792	34.637	27.710	47.89	2.112	-0.182
2600.0	1.712	34.651	27.728	46.52	2.207	-0.178
2800.0	1.646	34.659	27.741	45.71	2.299	-0.177
3000.0	1.607	34.666	27.750	45.29	2.390	-0.176
3188.3	1.573	34.674	27.760	44.80	2.475	-0.173

STATION: 23 DATE: 6/19/90 0823 GMT

LAT: 36 27.1 N. LON: 122 47.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.334	33.182	25.115	283.86	0.000	0.129
5.0	12.338	33.182	25.114	284.06	0.014	0.129
10.0	12.334	33.183	25.116	284.00	0.028	0.129
15.0	12.332	33.185	25.118	283.95	0.043	0.130
20.0	12.198	33.245	25.190	277.18	0.057	0.152
25.0	11.880	33.404	25.373	259.89	0.070	0.216
30.0	11.674	33.431	25.433	254.34	0.083	0.198
40.0	10.790	33.376	25.549	243.41	0.108	-0.009
50.0	9.957	33.369	25.687	230.45	0.132	-0.161
60.0	9.539	33.464	25.830	217.02	0.154	-0.156
70.0	9.520	33.559	25.908	209.90	0.175	-0.084
80.0	9.620	33.623	25.942	206.84	0.196	-0.016
100.0	8.996	33.661	26.072	194.80	0.237	-0.089
120.0	8.965	33.798	26.184	184.53	0.274	0.014
140.0	8.872	33.952	26.321	171.99	0.310	0.122
160.0	8.727	33.992	26.375	167.21	0.344	0.130
180.0	8.440	34.017	26.439	161.40	0.377	0.105
200.0	8.258	34.045	26.489	157.00	0.409	0.099
250.0	7.627	34.114	26.636	143.63	0.483	0.059
300.0	7.245	34.152	26.721	136.23	0.553	0.034
350.0	6.903	34.201	26.807	128.66	0.619	0.025
400.0	6.369	34.219	26.893	120.87	0.681	-0.032
450.0	5.983	34.228	26.950	115.78	0.741	-0.074
500.0	5.699	34.240	26.995	111.92	0.797	-0.101
550.0	5.542	34.269	27.038	108.34	0.853	-0.097
600.0	5.337	34.292	27.081	104.62	0.906	-0.104
650.0	5.174	34.323	27.125	100.89	0.957	-0.099
700.0	4.940	34.353	27.176	96.27	1.006	-0.102
750.0	4.690	34.368	27.216	92.61	1.053	-0.118
800.0	4.514	34.396	27.258	88.94	1.099	-0.116
1000.0	3.950	34.455	27.366	79.55	1.267	-0.129
1200.0	3.447	34.500	27.452	71.86	1.418	-0.144
1400.0	2.952	34.540	27.531	64.40	1.553	-0.159
1600.0	2.602	34.565	27.583	59.59	1.677	-0.171
1800.0	2.333	34.588	27.625	55.73	1.792	-0.176
2000.0	2.054	34.607	27.663	51.82	1.899	-0.183
2200.0	1.900	34.630	27.695	49.05	2.000	-0.178
2400.0	1.799	34.642	27.713	47.62	2.097	-0.177
2600.0	1.722	34.651	27.727	46.65	2.191	-0.177
2800.0	1.666	34.660	27.740	45.91	2.283	-0.175
2985.9	1.622	34.664	27.747	45.60	2.368	-0.176

STATION: 18 DATE: 6/19/90 1248 GMT

LAT: 36 20.0 N. LON: 123 2.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.833	32.979	24.451	347.06	0.000	0.491
5.0	14.836	32.992	24.461	346.29	0.017	0.501
10.0	14.771	32.989	24.472	345.35	0.035	0.485
15.0	14.614	32.968	24.490	343.78	0.052	0.433
20.0	14.303	32.947	24.540	339.18	0.069	0.349
25.0	14.095	32.935	24.573	336.11	0.086	0.294
30.0	13.723	32.949	24.661	327.92	0.102	0.225
40.0	12.560	32.989	24.923	303.15	0.134	0.019
50.0	11.665	33.056	25.143	282.36	0.163	-0.103
60.0	11.002	33.063	25.269	270.58	0.191	-0.221
70.0	10.604	33.111	25.376	260.52	0.218	-0.254
80.0	10.238	33.196	25.506	248.40	0.243	-0.251
100.0	9.551	33.408	25.785	222.11	0.290	-0.200
120.0	9.348	33.674	26.027	199.56	0.332	-0.021
140.0	8.989	33.821	26.199	183.55	0.370	0.036
160.0	8.740	33.932	26.325	171.90	0.406	0.084
180.0	8.550	33.998	26.407	164.52	0.439	0.106
200.0	8.229	34.007	26.463	159.40	0.472	0.065
250.0	7.404	33.992	26.572	149.54	0.549	-0.069
300.0	6.945	34.064	26.693	138.65	0.621	-0.077
350.0	6.533	34.111	26.785	130.38	0.688	-0.096
400.0	5.903	34.079	26.842	125.21	0.752	-0.201
450.0	5.449	34.094	26.909	119.04	0.813	-0.245
500.0	5.239	34.146	26.975	113.21	0.871	-0.230
550.0	4.938	34.184	27.041	107.22	0.926	-0.234
600.0	5.023	34.274	27.103	102.09	0.979	-0.154
650.0	4.764	34.279	27.137	99.09	1.029	-0.179
700.0	4.592	34.310	27.180	95.27	1.078	-0.174
750.0	4.494	34.354	27.227	91.29	1.124	-0.150
800.0	4.369	34.378	27.259	88.49	1.169	-0.145
1000.0	3.784	34.452	27.380	77.81	1.335	-0.148
1200.0	3.292	34.503	27.469	69.80	1.482	-0.156
1400.0	2.951	34.539	27.531	64.47	1.616	-0.160
1600.0	2.654	34.560	27.575	60.55	1.741	-0.170
1800.0	2.322	34.585	27.623	55.80	1.858	-0.179
2000.0	2.102	34.611	27.663	52.14	1.966	-0.177
2200.0	1.933	34.630	27.692	49.46	2.068	-0.176
2400.0	1.812	34.643	27.713	47.72	2.164	-0.176
2600.0	1.716	34.655	27.731	46.29	2.258	-0.174
2800.0	1.654	34.663	27.743	45.53	2.350	-0.174
3000.0	1.604	34.669	27.753	45.03	2.441	-0.174
3200.0	1.575	34.671	27.758	45.07	2.531	-0.175
3400.0	1.563	34.674	27.763	45.26	2.621	-0.175
3535.7	1.552	34.677	27.767	45.27	2.683	-0.175

STATION: 19 DATE: 6/19/90 2330 GMT

LAT: 36 15.6 N. LON: 123 11.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.476	33.033	24.353	356.42	0.000	0.678
5.0	15.468	33.037	24.358	356.07	0.018	0.679
10.0	15.417	33.039	24.371	355.02	0.036	0.669
15.0	15.362	33.038	24.382	354.05	0.053	0.656
20.0	15.348	33.037	24.385	353.99	0.071	0.652
25.0	15.301	33.036	24.394	353.25	0.089	0.640
30.0	15.285	33.035	24.397	353.07	0.106	0.636
40.0	14.437	33.129	24.652	329.05	0.141	0.522
50.0	13.243	33.391	25.100	286.61	0.171	0.476
60.0	12.718	33.433	25.236	273.87	0.200	0.402
70.0	11.889	33.403	25.372	261.13	0.226	0.216
80.0	11.605	33.501	25.501	249.06	0.251	0.240
100.0	10.573	33.633	25.789	222.03	0.298	0.155
120.0	9.925	33.684	25.940	207.98	0.341	0.083
140.0	9.114	33.804	26.166	186.68	0.381	0.043
160.0	8.781	33.881	26.279	176.27	0.417	0.050
180.0	8.526	33.934	26.360	168.89	0.452	0.052
200.0	8.345	34.003	26.442	161.43	0.485	0.079
250.0	7.703	34.041	26.568	150.16	0.562	0.012
300.0	7.148	34.068	26.668	141.12	0.635	-0.046
350.0	6.932	34.139	26.754	133.66	0.704	-0.020
400.0	6.210	34.116	26.832	126.45	0.769	-0.134
450.0	5.862	34.136	26.893	121.06	0.831	-0.162
500.0	5.475	34.169	26.966	114.37	0.890	-0.184
550.0	5.141	34.203	27.032	108.29	0.945	-0.196
600.0	4.943	34.237	27.082	103.91	0.998	-0.193
650.0	4.778	34.281	27.136	99.18	1.049	-0.177
700.0	4.642	34.312	27.176	95.73	1.098	-0.168
750.0	4.463	34.344	27.222	91.69	1.145	-0.162
800.0	4.374	34.371	27.253	89.09	1.190	-0.150
1000.0	3.792	34.447	27.375	78.30	1.357	-0.151
1200.0	3.286	34.499	27.466	70.07	1.504	-0.160
1400.0	2.901	34.541	27.536	63.76	1.638	-0.163
1600.0	2.603	34.567	27.584	59.45	1.761	-0.169
1800.0	2.295	34.589	27.629	55.18	1.875	-0.178
2000.0	2.093	34.610	27.663	52.09	1.982	-0.178
2200.0	1.924	34.630	27.693	49.35	2.084	-0.176
2400.0	1.818	34.641	27.711	47.94	2.181	-0.177
2600.0	1.756	34.651	27.725	47.11	2.276	-0.175
2800.0	1.686	34.660	27.739	46.18	2.369	-0.174
3000.0	1.618	34.666	27.749	45.44	2.460	-0.175
3200.0	1.585	34.671	27.757	45.22	2.551	-0.175
3343.3	1.567	34.673	27.761	45.23	2.616	-0.175

STATION: 20 DATE: 6/20/90 0541 GMT

LAT: 36 6.7 N. LON: 123 29.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.320	33.085	24.427	349.34	0.000	0.684
5.0	15.323	33.085	24.426	349.54	0.017	0.684
10.0	15.325	33.086	24.427	349.64	0.035	0.685
15.0	15.324	33.086	24.427	349.76	0.052	0.685
20.0	15.307	33.086	24.431	349.53	0.070	0.681
25.0	15.288	33.084	24.434	349.39	0.087	0.675
30.0	15.255	33.087	24.444	348.64	0.105	0.670
40.0	13.960	33.072	24.707	323.77	0.139	0.374
50.0	12.591	33.050	24.964	299.45	0.170	0.073
60.0	12.016	33.091	25.106	286.17	0.199	-0.007
70.0	11.484	33.129	25.234	274.20	0.227	-0.079
80.0	11.012	33.149	25.335	264.75	0.254	-0.150
100.0	9.783	33.222	25.602	239.57	0.304	-0.309
120.0	9.689	33.442	25.790	222.16	0.351	-0.150
140.0	9.605	33.639	25.958	206.57	0.394	-0.007
160.0	9.430	33.796	26.110	192.54	0.434	0.088
180.0	9.196	33.884	26.217	182.76	0.471	0.119
200.0	8.954	33.945	26.303	174.92	0.507	0.128
250.0	8.302	34.034	26.474	159.33	0.590	0.096
300.0	7.786	34.090	26.595	148.50	0.667	0.062
350.0	7.255	34.124	26.698	139.18	0.739	0.013
400.0	7.001	34.174	26.773	132.70	0.806	0.017
450.0	6.593	34.200	26.849	125.95	0.871	-0.018
500.0	6.249	34.210	26.902	121.27	0.933	-0.056
550.0	5.896	34.246	26.976	114.62	0.992	-0.073
600.0	5.640	34.275	27.031	109.73	1.048	-0.081
650.0	5.176	34.266	27.079	105.12	1.102	-0.143
700.0	5.006	34.309	27.134	100.36	1.153	-0.129
750.0	4.789	34.350	27.191	95.16	1.202	-0.121
800.0	4.583	34.363	27.225	92.17	1.249	-0.134
1000.0	3.931	34.448	27.362	79.88	1.420	-0.137
1200.0	3.427	34.496	27.451	71.95	1.571	-0.150
1400.0	3.008	34.535	27.522	65.43	1.708	-0.158
1600.0	2.671	34.559	27.572	60.88	1.834	-0.170
1800.0	2.337	34.585	27.622	55.97	1.951	-0.178
2000.0	2.079	34.609	27.663	51.99	2.058	-0.180
2200.0	1.924	34.628	27.691	49.49	2.160	-0.178
2400.0	1.839	34.639	27.708	48.35	2.257	-0.177
2600.0	1.758	34.650	27.724	47.20	2.353	-0.175
2800.0	1.698	34.657	27.735	46.56	2.446	-0.175
3000.0	1.642	34.664	27.746	45.92	2.539	-0.175
3200.0	1.605	34.668	27.753	45.72	2.630	-0.176
3400.0	1.577	34.672	27.760	45.61	2.721	-0.176
3600.0	1.524	34.679	27.771	44.89	2.812	-0.175
3608.1	1.524	34.680	27.771	44.84	2.816	-0.175

STATION: 21 DATE: 6/20/90 1141 GMT

LAT: 35 56.8 N. LON: 123 51.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.441	33.165	24.462	346.01	0.000	0.775
5.0	15.443	33.166	24.463	346.09	0.017	0.776
10.0	15.446	33.168	24.464	346.16	0.035	0.778
15.0	15.446	33.166	24.462	346.45	0.052	0.776
20.0	15.444	33.167	24.463	346.47	0.069	0.776
25.0	15.357	33.230	24.531	340.16	0.086	0.806
30.0	15.299	33.259	24.567	336.92	0.103	0.816
40.0	15.137	33.264	24.606	333.45	0.137	0.783
50.0	12.745	33.118	24.987	297.28	0.169	0.158
60.0	11.529	33.055	25.168	280.20	0.198	-0.129
70.0	11.343	33.221	25.330	264.98	0.225	-0.032
80.0	11.089	33.273	25.417	256.95	0.251	-0.038
100.0	10.862	33.564	25.685	231.96	0.300	0.152
120.0	9.924	33.659	25.920	209.86	0.344	0.062
140.0	9.396	33.775	26.098	193.25	0.385	0.066
160.0	9.186	33.891	26.223	181.73	0.422	0.123
180.0	8.889	33.985	26.344	170.57	0.457	0.150
200.0	8.635	34.034	26.423	163.42	0.491	0.148
250.0	7.867	34.029	26.535	153.34	0.570	0.027
300.0	7.318	34.059	26.638	144.15	0.644	-0.029
350.0	7.108	34.132	26.725	136.54	0.714	-0.001
400.0	6.657	34.159	26.808	129.09	0.780	-0.041
450.0	6.422	34.211	26.880	122.84	0.843	-0.032
500.0	6.058	34.229	26.942	117.34	0.903	-0.065
550.0	5.783	34.265	27.005	111.76	0.960	-0.071
600.0	5.549	34.298	27.060	106.88	1.015	-0.074
650.0	5.189	34.308	27.111	102.20	1.067	-0.109
700.0	4.926	34.327	27.157	98.03	1.117	-0.124
750.0	4.745	34.354	27.199	94.35	1.165	-0.123
800.0	4.555	34.386	27.246	90.14	1.211	-0.119
1000.0	3.871	34.449	27.369	79.06	1.381	-0.142
1200.0	3.459	34.506	27.456	71.52	1.531	-0.138
1400.0	3.024	34.539	27.524	65.33	1.668	-0.154
1600.0	2.663	34.569	27.581	60.04	1.793	-0.163
1800.0	2.345	34.593	27.628	55.50	1.909	-0.171
2000.0	2.101	34.615	27.666	51.82	2.016	-0.174
2200.0	1.956	34.632	27.692	49.60	2.118	-0.172
2400.0	1.844	34.645	27.712	47.98	2.215	-0.172
2600.0	1.752	34.654	27.728	46.84	2.310	-0.172
2800.0	1.675	34.662	27.741	45.91	2.403	-0.173
3000.0	1.634	34.665	27.748	45.74	2.494	-0.175
3200.0	1.616	34.669	27.753	45.80	2.586	-0.174
3400.0	1.584	34.674	27.761	45.57	2.677	-0.174
3600.0	1.547	34.680	27.770	45.16	2.768	-0.173
3800.0	1.521	34.685	27.777	44.96	2.858	-0.172
3913.4	1.491	34.689	27.783	44.52	2.909	-0.172

STATION: 22 DATE: 6/21/90 0311 GMT

LAT: 35 45.4 N. LON: 124 14.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.381	33.218	24.516	340.86	0.000	0.803
5.0	15.381	33.219	24.517	340.93	0.017	0.803
10.0	15.381	33.218	24.517	341.12	0.034	0.803
15.0	15.348	33.219	24.524	340.51	0.051	0.796
20.0	15.288	33.216	24.535	339.63	0.068	0.779
25.0	15.260	33.215	24.541	339.20	0.085	0.773
30.0	15.245	33.215	24.544	339.06	0.102	0.769
40.0	15.172	33.216	24.562	337.73	0.136	0.753
50.0	14.822	33.200	24.625	331.93	0.170	0.662
60.0	13.522	33.106	24.824	313.14	0.202	0.308
70.0	13.916	33.470	25.025	294.38	0.232	0.678
80.0	11.757	33.289	25.308	267.39	0.260	0.100
100.0	10.740	33.397	25.576	242.26	0.311	-0.002
120.0	10.248	33.616	25.832	218.27	0.357	0.084
140.0	9.764	33.719	25.994	203.19	0.399	0.083
160.0	9.440	33.873	26.168	187.05	0.438	0.150
180.0	9.139	33.959	26.284	176.33	0.474	0.169
200.0	8.704	33.993	26.379	167.54	0.509	0.126
250.0	8.140	34.094	26.545	152.53	0.588	0.119
300.0	7.674	34.138	26.649	143.34	0.662	0.084
350.0	7.253	34.160	26.727	136.53	0.731	0.041
400.0	6.707	34.184	26.821	127.96	0.798	-0.015
450.0	6.410	34.225	26.893	121.60	0.860	-0.022
500.0	5.966	34.230	26.954	116.07	0.919	-0.076
550.0	5.555	34.235	27.009	111.07	0.976	-0.123
600.0	5.357	34.261	27.054	107.19	1.031	-0.126
650.0	5.066	34.283	27.105	102.55	1.083	-0.143
700.0	4.898	34.320	27.155	98.20	1.133	-0.133
750.0	4.749	34.352	27.197	94.56	1.182	-0.125
800.0	4.619	34.391	27.243	90.55	1.228	-0.108
1000.0	3.975	34.460	27.367	79.48	1.397	-0.123
1200.0	3.430	34.505	27.458	71.28	1.547	-0.142
1400.0	3.010	34.537	27.524	65.31	1.684	-0.156
1600.0	2.703	34.563	27.573	60.93	1.810	-0.164
1800.0	2.396	34.586	27.618	56.61	1.928	-0.172
2000.0	2.141	34.607	27.657	52.85	2.037	-0.176
2200.0	1.983	34.625	27.685	50.44	2.140	-0.176
2400.0	1.870	34.638	27.705	48.82	2.239	-0.175
2600.0	1.784	34.651	27.723	47.44	2.335	-0.172
2800.0	1.707	34.659	27.736	46.54	2.429	-0.173
3000.0	1.652	34.664	27.745	46.07	2.522	-0.174
3200.0	1.607	34.671	27.756	45.54	2.614	-0.173
3400.0	1.578	34.674	27.761	45.49	2.705	-0.174
3600.0	1.551	34.677	27.767	45.44	2.796	-0.175
3800.0	1.533	34.682	27.774	45.36	2.886	-0.174
3839.8	1.531	34.682	27.774	45.44	2.905	-0.174

STATION: 24 DATE: 6/22/90 0206 GMT

LAT: 36 35.8 N. LON: 122 29.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.399	33.403	25.274	268.74	0.000	0.317
5.0	12.341	33.410	25.290	267.30	0.013	0.311
10.0	11.769	33.466	25.441	253.04	0.026	0.244
15.0	11.451	33.517	25.540	243.74	0.039	0.225
20.0	11.384	33.557	25.584	239.72	0.051	0.245
25.0	10.744	33.587	25.721	226.76	0.063	0.151
30.0	10.542	33.601	25.768	222.39	0.074	0.126
40.0	10.237	33.612	25.829	216.77	0.096	0.081
50.0	9.735	33.709	25.990	201.70	0.117	0.072
60.0	9.355	33.694	26.040	197.10	0.137	-0.004
70.0	9.503	33.841	26.131	188.71	0.156	0.137
80.0	9.590	33.903	26.166	185.62	0.175	0.201
100.0	9.481	33.955	26.224	180.49	0.211	0.223
120.0	8.640	33.936	26.344	169.37	0.246	0.073
140.0	8.347	34.006	26.444	160.17	0.279	0.083
160.0	8.529	34.072	26.468	158.32	0.311	0.162
180.0	8.369	34.074	26.494	156.15	0.342	0.139
200.0	8.205	34.070	26.516	154.42	0.373	0.110
250.0	7.714	34.093	26.607	146.40	0.449	0.056
300.0	7.359	34.151	26.704	137.90	0.521	0.050
350.0	7.063	34.172	26.763	132.96	0.588	0.025
400.0	6.639	34.198	26.841	125.97	0.653	-0.013
450.0	6.321	34.218	26.899	120.96	0.714	-0.039
500.0	6.083	34.244	26.950	116.56	0.773	-0.050
550.0	5.775	34.265	27.006	111.64	0.830	-0.072
600.0	5.543	34.289	27.054	107.49	0.885	-0.082
650.0	5.190	34.300	27.104	102.80	0.938	-0.115
700.0	5.026	34.324	27.143	99.48	0.988	-0.115
750.0	4.841	34.352	27.187	95.67	1.037	-0.114
800.0	4.539	34.390	27.250	89.68	1.083	-0.118
1000.0	4.071	34.443	27.344	81.92	1.255	-0.127
1200.0	3.449	34.500	27.453	71.84	1.409	-0.144
1400.0	3.005	34.536	27.523	65.33	1.547	-0.158
1600.0	2.652	34.565	27.578	60.21	1.672	-0.167
1800.0	2.393	34.585	27.618	56.65	1.789	-0.173
2000.0	2.103	34.612	27.664	52.06	1.897	-0.176
2200.0	1.908	34.632	27.696	49.01	1.998	-0.176
2400.0	1.843	34.641	27.709	48.26	2.095	-0.175
2600.0	1.763	34.652	27.725	47.13	2.190	-0.173
2800.0	1.695	34.659	27.737	46.38	2.284	-0.174
2981.8	1.648	34.664	27.746	45.95	2.368	-0.174

STATION: 26 DATE: 6/22/90 0553 GMT

LAT: 36 36.6 N. LON: 122 9.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.285	33.476	25.156	279.91	0.000	0.553
5.0	13.278	33.476	25.158	279.91	0.014	0.552
10.0	12.816	33.461	25.238	272.36	0.028	0.446
15.0	12.267	33.474	25.354	261.46	0.041	0.347
20.0	11.764	33.482	25.455	251.94	0.054	0.256
25.0	10.703	33.549	25.699	228.82	0.066	0.114
30.0	10.412	33.634	25.816	217.81	0.077	0.129
40.0	9.773	33.732	26.001	200.44	0.098	0.097
50.0	9.520	33.781	26.082	192.98	0.117	0.093
60.0	9.338	33.814	26.137	187.91	0.137	0.089
70.0	9.077	33.857	26.212	180.94	0.155	0.080
80.0	9.103	33.889	26.233	179.13	0.173	0.110
100.0	8.979	33.918	26.276	175.45	0.208	0.112
120.0	8.833	33.946	26.321	171.53	0.243	0.111
140.0	8.687	33.984	26.374	166.86	0.277	0.118
160.0	8.575	33.997	26.402	164.61	0.310	0.110
180.0	8.508	34.019	26.430	162.31	0.343	0.117
200.0	8.414	34.031	26.454	160.33	0.375	0.112
250.0	8.227	34.061	26.506	156.24	0.454	0.106
300.0	8.062	34.084	26.550	152.95	0.531	0.099
350.0	7.790	34.126	26.623	146.71	0.606	0.091
400.0	7.393	34.141	26.693	140.65	0.678	0.045
450.0	6.970	34.188	26.790	131.95	0.745	0.023
500.0	6.404	34.208	26.881	123.47	0.809	-0.037
550.0	5.942	34.227	26.956	116.58	0.869	-0.081
600.0	5.591	34.274	27.036	109.18	0.925	-0.088
650.0	5.358	34.311	27.094	104.07	0.978	-0.087
700.0	5.079	34.324	27.137	100.14	1.029	-0.109
750.0	4.874	34.349	27.180	96.31	1.078	-0.113
800.0	4.690	34.374	27.221	92.70	1.126	-0.114
1000.0	4.150	34.438	27.332	83.25	1.300	-0.123
1200.0	3.416	34.500	27.456	71.45	1.455	-0.147
1400.0	3.047	34.531	27.516	66.20	1.593	-0.158
1600.0	2.688	34.560	27.572	60.98	1.720	-0.167
1800.0	2.394	34.587	27.619	56.51	1.837	-0.172
2000.0	2.080	34.615	27.668	51.57	1.943	-0.175
2200.0	1.919	34.631	27.694	49.21	2.044	-0.176
2324.7	1.866	34.637	27.704	48.57	2.105	-0.176

STATION: 27 DATE: 6/22/90 0911 GMT

LAT: 36 43.1 N. LON: 122 14.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.788	33.513	25.083	286.91	0.000	0.687
5.0	13.327	33.518	25.180	277.80	0.014	0.596
10.0	12.471	33.521	25.351	261.59	0.028	0.424
15.0	11.976	33.510	25.438	253.51	0.041	0.319
20.0	11.425	33.535	25.559	242.09	0.053	0.234
25.0	10.688	33.593	25.736	225.32	0.065	0.146
30.0	10.304	33.661	25.856	214.04	0.076	0.132
40.0	9.931	33.688	25.940	206.21	0.096	0.089
50.0	9.782	33.782	26.039	197.03	0.116	0.138
60.0	9.589	33.801	26.086	192.78	0.136	0.120
70.0	9.492	33.808	26.107	190.96	0.155	0.109
80.0	9.407	33.826	26.136	188.46	0.174	0.110
100.0	9.123	33.896	26.236	179.28	0.211	0.118
120.0	8.871	33.948	26.317	171.93	0.246	0.119
140.0	8.776	33.974	26.353	168.92	0.280	0.124
160.0	8.703	33.992	26.379	166.86	0.314	0.126
180.0	8.637	34.010	26.403	164.87	0.347	0.130
200.0	8.493	34.022	26.435	162.23	0.379	0.116
250.0	8.251	34.059	26.501	156.73	0.459	0.108
300.0	7.994	34.095	26.568	151.15	0.536	0.097
350.0	7.737	34.118	26.625	146.47	0.610	0.077
400.0	7.118	34.134	26.725	137.33	0.681	0.001
450.0	6.323	34.149	26.844	126.11	0.748	-0.094
500.0	6.214	34.223	26.917	119.82	0.809	-0.050
550.0	5.869	34.251	26.983	113.90	0.867	-0.072
600.0	5.616	34.262	27.023	110.44	0.923	-0.095
650.0	5.468	34.294	27.067	106.74	0.977	-0.087
700.0	5.333	34.304	27.092	104.86	1.030	-0.096
750.0	5.045	34.334	27.150	99.52	1.081	-0.105
800.0	4.758	34.361	27.203	94.50	1.130	-0.117
1000.0	3.922	34.455	27.369	79.24	1.302	-0.132
1070.9	3.502	34.493	27.441	72.06	1.356	-0.144

STATION: 33 DATE: 6/22/90 1123 GMT

LAT: 36 46.6 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.383	33.722	25.327	263.68	0.000	0.768
5.0	12.948	33.728	25.418	255.09	0.013	0.684
10.0	11.620	33.734	25.677	230.59	0.025	0.429
15.0	10.909	33.748	25.817	217.41	0.036	0.308
20.0	10.478	33.768	25.909	208.83	0.047	0.247
25.0	10.121	33.769	25.971	202.97	0.057	0.185
30.0	9.968	33.786	26.011	199.32	0.067	0.173
40.0	9.532	33.805	26.098	191.20	0.087	0.114
50.0	9.260	33.833	26.164	185.15	0.106	0.091
60.0	9.106	33.849	26.202	181.75	0.124	0.079
70.0	9.036	33.866	26.226	179.64	0.142	0.081
80.0	9.015	33.867	26.230	179.39	0.160	0.078
100.0	8.894	33.905	26.279	175.13	0.196	0.089
120.0	8.800	33.935	26.318	171.85	0.230	0.097
140.0	8.751	33.961	26.346	169.52	0.264	0.110
160.0	8.708	33.973	26.363	168.34	0.298	0.112
180.0	8.556	33.987	26.397	165.40	0.332	0.099
200.0	8.429	34.011	26.436	162.10	0.365	0.098
250.0	8.126	34.043	26.507	156.10	0.444	0.076
300.0	7.707	34.126	26.635	144.69	0.520	0.079
350.0	7.469	34.148	26.687	140.44	0.591	0.062
400.0	7.132	34.171	26.753	134.76	0.660	0.032
450.0	6.823	34.186	26.808	130.09	0.726	0.001
500.0	6.432	34.214	26.882	123.43	0.789	-0.029
550.0	6.001	34.247	26.964	115.90	0.849	-0.058
600.0	5.697	34.272	27.022	110.69	0.906	-0.076
650.0	5.025	34.340	27.156	97.75	0.958	-0.102
700.0	4.885	34.354	27.183	95.56	1.006	-0.108
750.0	4.690	34.373	27.220	92.24	1.053	-0.114
800.0	4.569	34.387	27.245	90.25	1.099	-0.117
950.6	3.833	34.460	27.381	77.42	1.222	-0.137

STATION: 29 DATE: 6/22/90 1253 GMT

LAT: 36 42.0 N. LON: 122 1.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.079	33.735	25.398	256.92	0.000	0.716
5.0	12.796	33.737	25.456	251.57	0.013	0.661
10.0	11.781	33.752	25.662	232.05	0.025	0.474
15.0	11.563	33.754	25.704	228.16	0.036	0.434
20.0	10.899	33.769	25.836	215.73	0.047	0.323
25.0	10.585	33.782	25.901	209.67	0.058	0.277
30.0	10.110	33.789	25.988	201.45	0.068	0.199
40.0	9.600	33.825	26.102	190.83	0.088	0.141
50.0	9.348	33.868	26.177	183.89	0.107	0.133
60.0	9.263	33.880	26.201	181.84	0.125	0.129
70.0	9.190	33.890	26.220	180.20	0.143	0.125
80.0	9.166	33.899	26.231	179.33	0.161	0.128
100.0	9.024	33.924	26.274	175.68	0.196	0.124
120.0	8.985	33.932	26.287	174.84	0.231	0.124
140.0	8.857	33.956	26.326	171.49	0.266	0.122
160.0	8.715	33.975	26.363	168.29	0.300	0.115
180.0	8.557	33.998	26.406	164.56	0.333	0.108
200.0	8.319	34.029	26.467	159.11	0.366	0.096
250.0	7.930	34.080	26.566	150.48	0.442	0.077
300.0	7.457	34.117	26.664	141.76	0.515	0.037
350.0	7.178	34.161	26.738	135.41	0.585	0.031
400.0	6.733	34.189	26.821	127.96	0.650	-0.008
450.0	6.389	34.222	26.893	121.57	0.712	-0.028
500.0	6.046	34.245	26.956	116.00	0.772	-0.054
550.0	5.842	34.251	26.987	113.52	0.829	-0.075
600.0	5.612	34.277	27.036	109.25	0.885	-0.083
650.0	5.360	34.303	27.087	104.70	0.938	-0.093
700.0	5.150	34.328	27.132	100.73	0.989	-0.098
750.0	4.831	34.364	27.197	94.64	1.038	-0.106
800.0	4.620	34.385	27.238	91.01	1.084	-0.113
1000.0	4.063	34.444	27.345	81.76	1.257	-0.127
1200.0	3.453	34.501	27.453	71.85	1.415	-0.143
1400.2	3.110	34.532	27.511	66.87	1.554	-0.152

STATION: 25 DATE: 6/22/90 1518 GMT

LAT: 36 33.6 N. LON: 122 14.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.160	33.467	25.174	278.19	0.000	0.521
5.0	13.154	33.469	25.177	278.04	0.014	0.521
10.0	12.844	33.461	25.232	272.95	0.028	0.451
15.0	11.830	33.473	25.435	253.71	0.041	0.262
20.0	10.996	33.544	25.643	234.06	0.053	0.162
25.0	10.517	33.619	25.786	220.60	0.065	0.136
30.0	10.173	33.658	25.876	212.12	0.075	0.107
40.0	9.854	33.710	25.970	203.37	0.096	0.093
50.0	9.672	33.749	26.031	197.78	0.116	0.093
60.0	9.481	33.768	26.078	193.55	0.136	0.076
70.0	9.096	33.772	26.143	187.53	0.155	0.016
80.0	9.117	33.852	26.202	182.07	0.173	0.083
100.0	9.107	33.888	26.232	179.62	0.209	0.109
120.0	8.965	33.919	26.280	175.52	0.245	0.111
140.0	8.741	33.968	26.353	168.90	0.279	0.113
160.0	8.602	33.990	26.392	165.50	0.313	0.109
180.0	8.493	34.018	26.431	162.16	0.345	0.114
200.0	8.429	34.021	26.444	161.28	0.378	0.106
250.0	8.236	34.057	26.502	156.67	0.457	0.104
300.0	7.950	34.109	26.586	149.42	0.534	0.102
350.0	7.742	34.132	26.635	145.54	0.607	0.089
400.0	7.394	34.154	26.703	139.71	0.679	0.056
450.0	6.921	34.191	26.798	131.08	0.747	0.019
500.0	6.030	34.183	26.909	120.40	0.809	-0.105
550.0	6.019	34.239	26.955	116.73	0.869	-0.062
600.0	5.839	34.258	26.993	113.61	0.927	-0.070
650.0	5.423	34.288	27.068	106.62	0.982	-0.097
700.0	5.117	34.301	27.115	102.32	1.034	-0.123
750.0	4.880	34.341	27.174	96.94	1.084	-0.119
800.0	4.752	34.362	27.205	94.36	1.132	-0.117
1000.0	3.886	34.459	27.375	78.53	1.303	-0.133
1200.0	3.339	34.506	27.468	70.10	1.452	-0.149
1400.0	2.900	34.540	27.536	63.82	1.585	-0.164
1600.0	2.526	34.570	27.593	58.32	1.707	-0.173
1800.0	2.267	34.595	27.636	54.38	1.820	-0.175
2000.0	2.070	34.614	27.667	51.54	1.926	-0.177
2200.0	1.935	34.627	27.690	49.70	2.027	-0.178
2298.4	1.869	34.634	27.701	48.73	2.075	-0.178

STATION: 34 DATE: 6/22/90 2000 GMT

LAT: 36 47.7 N. LON: 121 51.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.185	33.701	25.350	261.44	0.000	0.710
5.0	12.894	33.692	25.401	256.74	0.013	0.644
10.0	11.991	33.718	25.595	238.41	0.025	0.488
15.0	10.167	33.730	25.932	206.45	0.036	0.163
20.0	9.927	33.760	25.997	200.42	0.047	0.145
25.0	9.879	33.766	26.010	199.29	0.057	0.142
30.0	9.838	33.778	26.026	197.83	0.067	0.145
40.0	9.628	33.791	26.071	193.76	0.086	0.119
50.0	9.402	33.802	26.116	189.65	0.105	0.090
60.0	9.184	33.817	26.164	185.33	0.124	0.066
70.0	9.183	33.851	26.191	182.96	0.142	0.093
80.0	9.032	33.868	26.228	179.60	0.160	0.082
100.0	8.897	33.915	26.287	174.41	0.196	0.097
120.0	8.676	33.945	26.345	169.26	0.230	0.085
140.0	8.563	33.967	26.380	166.32	0.264	0.085
160.0	8.452	33.987	26.413	163.52	0.297	0.083
180.0	8.189	34.025	26.483	157.13	0.329	0.073
200.0	7.562	34.104	26.637	142.67	0.358	0.043
250.0	7.431	34.127	26.675	139.88	0.429	0.042
285.0	7.230	34.151	26.722	135.87	0.477	0.032

STATION: 0 DATE: 8/13/90 1911 GMT

LAT: 36 33.5 N. LON: 122 1.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	14.590	33.301	24.751	318.52	0.006	0.692
5.0	14.570	33.315	24.766	317.20	0.016	0.698
10.0	14.120	33.294	24.844	309.86	0.032	0.584
15.0	12.797	33.215	25.051	290.27	0.047	0.247
20.0	12.595	33.393	25.229	273.54	0.061	0.347
25.0	12.194	33.469	25.365	260.71	0.074	0.329
30.0	11.918	33.491	25.434	254.24	0.087	0.293
40.0	11.216	33.550	25.609	237.76	0.111	0.208
50.0	11.064	33.600	25.675	231.70	0.135	0.219
60.0	10.849	33.610	25.722	227.52	0.158	0.187
70.0	10.705	33.647	25.776	222.60	0.180	0.190
80.0	10.677	33.659	25.791	221.42	0.202	0.195
100.0	10.310	33.737	25.915	209.95	0.246	0.191
120.0	9.968	33.772	26.001	202.18	0.286	0.160
140.0	9.869	33.813	26.050	197.93	0.326	0.175
160.0	9.802	33.811	26.060	197.37	0.366	0.162
180.0	9.366	33.979	26.263	178.43	0.403	0.222
200.0	8.992	34.045	26.375	168.08	0.438	0.213
250.0	8.359	34.123	26.535	153.61	0.518	0.175
300.0	7.765	34.131	26.631	145.10	0.593	0.092
350.0	7.307	34.168	26.726	136.65	0.663	0.055
400.0	7.005	34.195	26.789	131.22	0.730	0.034
450.0	6.702	34.212	26.844	126.52	0.794	0.006
500.0	6.294	34.212	26.898	121.74	0.856	-0.049
550.0	5.895	34.255	26.984	113.88	0.916	-0.065
600.0	5.514	34.284	27.053	107.49	0.971	-0.089
650.0	5.151	34.318	27.123	100.99	1.023	-0.106
700.0	5.055	34.332	27.146	99.29	1.073	-0.106
750.0	4.906	34.347	27.175	96.84	1.123	-0.111
800.0	4.575	34.382	27.241	90.66	1.169	-0.120
831.6	4.473	34.396	27.263	88.73	1.198	-0.121

STATION: 1 DATE: 8/13/90 2300 GMT

LAT: 36 20.0 N. LON: 121 56.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.8	12.441	33.474	25.321	264.33	0.007	0.382
5.0	12.425	33.475	25.325	264.01	0.013	0.379
10.0	12.372	33.478	25.337	262.95	0.026	0.371
15.0	12.270	33.491	25.367	260.22	0.039	0.361
20.0	12.176	33.504	25.395	257.71	0.052	0.353
25.0	12.116	33.508	25.410	256.42	0.065	0.344
30.0	11.949	33.503	25.437	253.91	0.078	0.308
40.0	11.413	33.515	25.546	243.79	0.103	0.216
49.6	11.216	33.563	25.619	237.04	0.126	0.217

STATION: 2 DATE: 8/13/90 2348 GMT

LAT: 36 20.0 N. LON: 121 59.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.3	12.745	33.437	25.233	272.66	0.006	0.413
5.0	12.704	33.436	25.240	272.04	0.014	0.404
10.0	12.535	33.440	25.276	268.75	0.027	0.373
15.0	11.918	33.410	25.371	259.88	0.040	0.229
20.0	11.759	33.457	25.437	253.68	0.053	0.236
25.0	11.501	33.482	25.504	247.45	0.066	0.206
30.0	11.161	33.497	25.577	240.55	0.078	0.155
40.0	10.973	33.535	25.641	234.75	0.102	0.151
50.0	10.847	33.590	25.706	228.75	0.125	0.171
60.0	10.745	33.622	25.750	224.86	0.148	0.178
70.0	10.620	33.658	25.800	220.30	0.170	0.184
80.0	10.572	33.681	25.826	218.03	0.192	0.193
95.5	10.562	33.702	25.844	216.63	0.226	0.208

STATION: 3 DATE: 8/14/90 0023 GMT

LAT: 36 20.0 N. LON: 122 1.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	13.027	33.419	25.164	279.26	0.006	0.455
5.0	13.027	33.420	25.164	279.27	0.014	0.456
10.0	12.987	33.420	25.172	278.64	0.028	0.448
15.0	12.820	33.432	25.215	274.69	0.042	0.424
20.0	12.665	33.455	25.263	270.31	0.055	0.410
25.0	12.414	33.498	25.345	262.58	0.069	0.395
30.0	12.102	33.525	25.426	255.04	0.082	0.355
40.0	11.721	33.542	25.510	247.20	0.107	0.295
50.0	11.474	33.567	25.576	241.21	0.131	0.268
60.0	11.170	33.642	25.689	230.63	0.155	0.271
70.0	11.081	33.658	25.718	228.16	0.178	0.267
80.0	10.976	33.677	25.752	225.15	0.200	0.263
100.0	10.521	33.720	25.866	214.71	0.245	0.215
120.0	10.257	33.771	25.951	207.00	0.287	0.208
125.9	10.111	33.813	26.009	201.59	0.299	0.217

STATION: 4 DATE: 8/14/90 0118 GMT

LAT: 36 20.0 N. LON: 122 5.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.5	13.692	33.473	25.071	288.04	0.007	0.635
5.0	13.686	33.473	25.073	287.95	0.014	0.635
10.0	13.693	33.473	25.072	288.23	0.029	0.636
15.0	13.684	33.473	25.073	288.21	0.043	0.633
20.0	13.670	33.475	25.078	287.91	0.058	0.632
25.0	13.579	33.474	25.096	286.31	0.072	0.612
30.0	13.346	33.468	25.139	282.41	0.086	0.559
40.0	12.356	33.518	25.372	260.44	0.113	0.399
50.0	11.663	33.572	25.545	244.18	0.139	0.308
60.0	10.812	33.670	25.775	222.45	0.162	0.228
70.0	10.565	33.709	25.849	215.60	0.184	0.215
80.0	10.428	33.744	25.900	210.97	0.205	0.218
100.0	10.348	33.781	25.943	207.33	0.247	0.233
120.0	9.995	33.846	26.054	197.14	0.287	0.223
140.0	9.918	33.863	26.081	195.01	0.326	0.223
160.0	9.602	33.924	26.182	185.82	0.365	0.218
180.0	9.423	33.972	26.249	179.82	0.401	0.226
200.0	8.875	34.065	26.410	164.77	0.436	0.211
250.0	7.831	34.102	26.597	147.43	0.514	0.080
300.0	7.462	34.132	26.675	140.75	0.586	0.049
311.9	7.261	34.174	26.736	135.00	0.602	0.054

STATION: 5 DATE: 8/14/90 0218 GMT

LAT: 36 20.0 N. LON: 122 8.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.4	14.100	33.371	24.908	303.56	0.007	0.641
5.0	14.098	33.370	24.908	303.66	0.015	0.640
10.0	14.039	33.373	24.923	302.39	0.030	0.630
15.0	13.980	33.379	24.940	300.89	0.045	0.622
20.0	13.906	33.386	24.960	299.11	0.060	0.611
25.0	13.681	33.423	25.035	292.09	0.075	0.593
30.0	12.964	33.458	25.207	275.86	0.089	0.473
40.0	11.982	33.525	25.448	253.11	0.116	0.332
50.0	11.382	33.500	25.541	244.54	0.141	0.198
60.0	10.552	33.536	25.716	227.99	0.164	0.075
70.0	10.336	33.620	25.819	218.45	0.187	0.103
80.0	10.089	33.660	25.893	211.61	0.208	0.093
100.0	10.032	33.795	26.008	201.14	0.249	0.189
120.0	9.697	33.888	26.137	189.22	0.288	0.206
140.0	9.435	33.946	26.226	181.18	0.325	0.208
160.0	9.306	34.022	26.307	173.89	0.361	0.247
180.0	9.195	34.032	26.333	171.77	0.395	0.236
200.0	9.043	34.061	26.380	167.66	0.429	0.234
250.0	8.081	34.037	26.509	155.88	0.510	0.065
300.0	7.793	34.156	26.646	143.66	0.584	0.116
350.0	7.108	34.162	26.748	134.36	0.654	0.022
400.0	6.521	34.171	26.835	126.42	0.719	-0.050
450.0	6.070	34.188	26.908	119.86	0.780	-0.095
500.0	5.714	34.201	26.962	115.01	0.839	-0.130
550.0	5.637	34.244	27.006	111.43	0.896	-0.105
600.0	5.517	34.284	27.053	107.52	0.950	-0.089
647.6	5.382	34.303	27.084	104.95	1.001	-0.090

STATION: 6 DATE: 8/14/90 0348 GMT

LAT: 36 22.0 N. LON: 122 12.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
1.9	15.122	33.250	24.597	333.17	0.006	0.770
5.0	15.137	33.253	24.596	333.35	0.017	0.775
10.0	15.141	33.252	24.595	333.65	0.033	0.775
15.0	14.995	33.268	24.639	329.57	0.050	0.755
20.0	14.310	33.268	24.786	315.76	0.066	0.605
25.0	14.541	33.367	24.814	313.25	0.082	0.733
30.0	12.434	33.170	25.086	287.33	0.097	0.139
40.0	11.526	33.264	25.330	264.33	0.125	0.037
50.0	11.037	33.336	25.475	250.76	0.151	0.004
60.0	10.642	33.424	25.613	237.80	0.175	0.002
70.0	10.242	33.440	25.694	230.25	0.198	-0.056
80.0	9.777	33.434	25.768	223.38	0.221	-0.141
100.0	9.376	33.600	25.964	205.16	0.263	-0.076
120.0	9.054	33.699	26.093	193.20	0.303	-0.050
140.0	8.870	33.777	26.184	184.97	0.341	-0.018
160.0	8.564	33.891	26.320	172.31	0.377	0.024
180.0	8.405	33.968	26.406	164.55	0.410	0.061
200.0	8.238	34.007	26.462	159.55	0.443	0.066
250.0	7.788	34.042	26.557	151.25	0.520	0.026
300.0	6.937	34.031	26.668	141.00	0.593	-0.104
350.0	6.666	34.090	26.751	133.72	0.662	-0.095
400.0	6.341	34.095	26.798	129.72	0.728	-0.134
450.0	6.039	34.128	26.864	123.98	0.791	-0.147
500.0	5.614	34.161	26.943	116.72	0.852	-0.173
550.0	5.559	34.243	27.015	110.52	0.908	-0.116
600.0	5.414	34.296	27.074	105.37	0.962	-0.092
650.0	5.213	34.321	27.118	101.54	1.014	-0.096
700.0	4.965	34.346	27.167	97.14	1.064	-0.105
750.0	4.740	34.367	27.210	93.33	1.111	-0.114
800.0	4.451	34.391	27.261	88.53	1.157	-0.126
917.6	4.079	34.433	27.334	82.04	1.256	-0.133

STATION: 7 DATE: 8/14/90 0448 GMT

LAT: 36 19.9 N. LON: 122 15.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	15.293	33.182	24.508	341.71	0.007	0.754
5.0	15.293	33.182	24.508	341.78	0.017	0.755
10.0	15.298	33.185	24.509	341.82	0.034	0.758
15.0	15.273	33.192	24.520	340.90	0.051	0.757
20.0	15.118	33.220	24.576	335.77	0.068	0.745
25.0	14.341	33.414	24.892	305.80	0.084	0.727
30.0	13.908	33.393	24.966	298.87	0.099	0.617
40.0	12.822	33.410	25.198	276.99	0.128	0.406
50.0	12.266	33.449	25.336	264.11	0.155	0.326
60.0	11.535	33.477	25.495	249.13	0.180	0.208
70.0	11.252	33.517	25.578	241.48	0.205	0.187
80.0	10.671	33.490	25.660	233.79	0.229	0.060
100.0	9.508	33.511	25.873	213.82	0.273	-0.125
120.0	9.293	33.647	26.014	200.74	0.315	-0.052
140.0	8.951	33.747	26.147	188.44	0.354	-0.028
160.0	8.687	33.880	26.293	174.94	0.391	0.035
180.0	8.186	33.982	26.450	160.30	0.424	0.038
200.0	7.904	34.018	26.520	153.91	0.456	0.024
250.0	7.525	34.069	26.615	145.53	0.530	0.009
300.0	7.082	34.076	26.684	139.63	0.601	-0.048
350.0	6.457	34.059	26.755	133.22	0.669	-0.146
400.0	6.204	34.098	26.819	127.65	0.735	-0.148
450.0	5.932	34.133	26.881	122.24	0.797	-0.156
500.0	5.592	34.182	26.962	114.83	0.857	-0.159
550.0	5.606	34.242	27.009	111.15	0.913	-0.110
600.0	5.423	34.299	27.076	105.23	0.967	-0.088
650.0	5.146	34.315	27.122	101.13	1.019	-0.108
700.0	4.845	34.327	27.166	97.03	1.068	-0.133
750.0	4.542	34.374	27.237	90.41	1.115	-0.130
800.0	4.419	34.393	27.266	87.97	1.160	-0.128
963.6	4.086	34.440	27.339	82.01	1.298	-0.127

STATION: 8 DATE: 8/14/90 0853 GMT

LAT: 36 20.0 N. LON: 122 18.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	16.010	33.176	24.344	357.35	0.007	0.914
5.0	16.009	33.177	24.345	357.33	0.018	0.915
10.0	16.006	33.183	24.350	356.97	0.036	0.918
15.0	16.001	33.191	24.358	356.42	0.054	0.923
20.0	15.962	33.202	24.375	354.92	0.071	0.923
25.0	15.669	33.291	24.509	342.27	0.089	0.925
30.0	14.419	33.392	24.859	309.10	0.105	0.726
40.0	13.655	33.488	25.092	287.17	0.134	0.639
50.0	12.879	33.484	25.244	272.90	0.163	0.475
60.0	11.338	33.439	25.501	248.52	0.189	0.141
70.0	10.856	33.425	25.577	241.52	0.213	0.041
80.0	10.479	33.496	25.698	230.15	0.237	0.031
100.0	9.634	33.622	25.939	207.56	0.280	-0.015
120.0	9.014	33.710	26.108	191.80	0.320	-0.048
140.0	8.730	33.821	26.239	179.64	0.357	-0.005
160.0	8.506	33.923	26.355	169.02	0.392	0.041
180.0	8.310	33.978	26.428	162.39	0.425	0.054
200.0	8.224	33.991	26.451	160.52	0.457	0.051
250.0	7.716	34.024	26.553	151.59	0.535	0.001
300.0	7.374	34.088	26.652	142.79	0.609	0.002
350.0	6.937	34.109	26.730	135.91	0.679	-0.043
400.0	6.203	34.104	26.824	127.21	0.744	-0.144
450.0	5.717	34.117	26.895	120.66	0.806	-0.195
500.0	5.612	34.183	26.960	115.04	0.865	-0.156
550.0	5.437	34.226	27.016	110.24	0.922	-0.144
600.0	5.432	34.300	27.075	105.28	0.976	-0.087
650.0	5.191	34.319	27.119	101.40	1.027	-0.100
700.0	4.916	34.338	27.167	97.11	1.077	-0.117
750.0	4.668	34.349	27.203	93.78	1.125	-0.136
800.0	4.550	34.370	27.233	91.30	1.171	-0.133
951.6	4.163	34.428	27.322	83.72	1.306	-0.129

STATION: 9 DATE: 8/14/90 1006 GMT

LAT: 36 20.0 N. LON: 122 21.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.2	16.069	33.173	24.328	358.85	0.008	0.925
5.0	16.070	33.173	24.328	358.94	0.018	0.925
10.0	16.070	33.172	24.327	359.17	0.036	0.925
15.0	16.061	33.172	24.329	359.10	0.054	0.922
20.0	15.846	33.183	24.386	353.87	0.072	0.881
25.0	14.301	33.262	24.782	316.24	0.088	0.598
30.0	13.244	33.302	25.030	292.70	0.104	0.406
40.0	12.523	33.325	25.191	277.67	0.132	0.279
50.0	12.286	33.440	25.325	265.11	0.160	0.323
60.0	11.016	33.411	25.537	245.07	0.185	0.059
70.0	10.596	33.518	25.695	230.25	0.209	0.069
80.0	9.873	33.540	25.835	217.05	0.231	-0.040
100.0	9.450	33.580	25.937	207.75	0.273	-0.079
120.0	9.231	33.756	26.110	191.70	0.313	0.024
140.0	8.768	33.820	26.233	180.25	0.350	0.000
160.0	8.495	33.916	26.351	169.39	0.386	0.034
180.0	8.402	33.956	26.397	165.36	0.419	0.051
200.0	8.295	33.983	26.434	162.15	0.452	0.056
250.0	7.690	34.049	26.576	149.32	0.530	0.017
300.0	7.152	34.108	26.699	138.21	0.601	-0.013
350.0	6.440	34.093	26.784	130.43	0.668	-0.121
400.0	6.151	34.114	26.838	125.82	0.732	-0.143
450.0	5.828	34.139	26.899	120.44	0.794	-0.164
500.0	5.544	34.172	26.960	115.00	0.853	-0.173
550.0	5.418	34.250	27.037	108.22	0.909	-0.127
600.0	5.228	34.299	27.099	102.77	0.962	-0.111
650.0	4.956	34.327	27.153	97.90	1.012	-0.121
700.0	4.802	34.338	27.179	95.73	1.060	-0.130
750.0	4.597	34.355	27.216	92.48	1.107	-0.139
800.0	4.484	34.371	27.241	90.41	1.153	-0.139
1000.0	3.919	34.438	27.355	80.47	1.323	-0.146
1200.0	3.375	34.508	27.466	70.41	1.474	-0.145
1247.5	3.287	34.514	27.479	69.26	1.507	-0.149

STATION: 10 DATE: 8/14/90 1348 GMT

LAT: 36 20.0 N. LON: 122 25.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	16.208	33.229	24.339	357.75	0.007	1.002
5.0	16.208	33.228	24.339	357.87	0.018	1.001
10.0	16.209	33.228	24.339	358.06	0.036	1.001
15.0	16.212	33.233	24.342	357.95	0.054	1.005
20.0	16.233	33.309	24.396	352.95	0.072	1.070
25.0	14.896	33.528	24.861	308.72	0.088	0.938
30.0	14.378	33.593	25.022	293.56	0.103	0.875
40.0	13.345	33.583	25.228	274.18	0.131	0.649
50.0	11.943	33.438	25.388	259.08	0.158	0.255
60.0	11.076	33.480	25.580	240.97	0.183	0.125
70.0	10.674	33.471	25.644	235.06	0.206	0.045
80.0	10.261	33.540	25.770	223.29	0.229	0.027
100.0	9.697	33.663	25.961	205.48	0.272	0.028
120.0	8.989	33.708	26.110	191.57	0.312	-0.053
140.0	8.675	33.853	26.273	176.41	0.348	0.012
160.0	8.439	33.921	26.363	168.23	0.383	0.029
180.0	8.343	33.973	26.419	163.23	0.416	0.055
200.0	8.201	34.003	26.464	159.30	0.448	0.057
250.0	7.633	34.030	26.569	149.95	0.525	-0.006
300.0	7.235	34.102	26.683	139.79	0.598	-0.006
350.0	6.556	34.093	26.769	131.96	0.665	-0.106
400.0	6.308	34.156	26.851	124.74	0.729	-0.090
450.0	5.538	34.108	26.909	119.12	0.790	-0.224
500.0	5.813	34.242	26.983	113.18	0.848	-0.085
550.0	5.641	34.279	27.034	108.85	0.904	-0.077
600.0	5.340	34.310	27.094	103.39	0.957	-0.090
650.0	5.072	34.317	27.132	100.06	1.008	-0.115
700.0	4.788	34.344	27.186	95.11	1.056	-0.126
750.0	4.687	34.365	27.214	92.83	1.103	-0.121
800.0	4.526	34.390	27.252	89.51	1.149	-0.119
1000.0	3.814	34.452	27.377	78.19	1.317	-0.145
1200.0	3.389	34.507	27.463	70.65	1.465	-0.144
1400.0	2.899	34.545	27.540	63.41	1.599	-0.160
1600.0	2.508	34.578	27.601	57.51	1.720	-0.168
1653.2	2.496	34.579	27.603	57.58	1.751	-0.169

STATION: 11 DATE: 8/14/90 1600 GMT

LAT: 36 20.0 N. LON: 122 28.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	16.391	33.319	24.367	355.14	0.007	1.116
5.0	16.392	33.319	24.367	355.24	0.018	1.116
10.0	16.393	33.319	24.367	355.42	0.036	1.116
15.0	16.394	33.321	24.368	355.44	0.053	1.118
20.0	16.388	33.328	24.375	354.97	0.071	1.121
25.0	15.886	33.416	24.555	337.89	0.088	1.074
30.0	14.278	33.550	25.010	294.68	0.104	0.820
40.0	13.566	33.588	25.187	278.09	0.133	0.699
50.0	12.420	33.522	25.363	261.54	0.160	0.414
60.0	11.811	33.523	25.480	250.63	0.185	0.297
70.0	10.843	33.487	25.627	236.75	0.210	0.088
80.0	10.430	33.528	25.731	226.99	0.233	0.047
100.0	9.617	33.667	25.977	203.95	0.276	0.018
120.0	9.146	33.744	26.114	191.26	0.315	0.001
140.0	8.704	33.825	26.247	178.92	0.352	-0.006
160.0	8.481	33.891	26.333	171.05	0.387	0.012
180.0	8.320	33.968	26.419	163.26	0.421	0.048
200.0	8.077	33.994	26.476	158.14	0.453	0.032
250.0	7.564	34.042	26.589	148.07	0.529	-0.006
300.0	6.923	34.071	26.702	137.81	0.600	-0.074
350.0	6.613	34.125	26.786	130.39	0.667	-0.074
400.0	6.198	34.146	26.857	124.04	0.731	-0.112
450.0	6.005	34.198	26.923	118.35	0.791	-0.096
500.0	5.631	34.208	26.978	113.41	0.849	-0.134
550.0	5.402	34.246	27.036	108.29	0.905	-0.132
600.0	5.248	34.307	27.102	102.47	0.958	-0.103
650.0	5.012	34.329	27.148	98.45	1.008	-0.113
700.0	4.754	34.358	27.200	93.67	1.056	-0.119
750.0	4.575	34.386	27.243	89.93	1.102	-0.117
800.0	4.462	34.400	27.267	88.00	1.146	-0.118
1000.0	3.910	34.460	27.374	78.74	1.313	-0.130
1200.0	3.345	34.510	27.470	69.91	1.461	-0.146
1400.0	2.908	34.544	27.538	63.58	1.595	-0.160
1600.0	2.568	34.573	27.592	58.59	1.716	-0.167
1800.0	2.319	34.595	27.632	55.01	1.830	-0.171
1840.2	2.230	34.602	27.645	53.63	1.852	-0.173

STATION: 12 DATE: 8/15/90 0800 GMT

LAT: 36 20.0 N. LON: 122 33.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.5	15.927	33.215	24.392	352.73	0.009	0.925
5.0	15.930	33.220	24.396	352.46	0.018	0.930
10.0	15.936	33.231	24.403	351.97	0.035	0.940
15.0	15.985	33.295	24.441	348.47	0.053	1.001
20.0	15.973	33.439	24.555	337.81	0.070	1.112
25.0	13.213	33.238	24.986	296.74	0.086	0.350
30.0	10.747	32.982	25.250	271.65	0.100	-0.331
40.0	10.230	33.022	25.370	260.40	0.127	-0.391
50.0	9.450	33.006	25.487	249.42	0.152	-0.537
60.0	9.102	33.077	25.598	239.02	0.177	-0.537
70.0	9.375	33.258	25.696	229.97	0.201	-0.348
80.0	9.569	33.458	25.821	218.34	0.223	-0.157
100.0	9.278	33.582	25.965	204.98	0.266	-0.106
120.0	9.048	33.716	26.107	191.85	0.305	-0.037
140.0	8.830	33.821	26.224	181.09	0.343	0.011
160.0	8.636	33.896	26.314	172.96	0.378	0.040
180.0	8.391	33.951	26.394	165.62	0.412	0.045
200.0	8.170	33.992	26.461	159.63	0.444	0.044
250.0	7.589	34.033	26.578	149.14	0.522	-0.010
300.0	7.009	34.052	26.675	140.41	0.594	-0.077
350.0	6.623	34.086	26.754	133.43	0.662	-0.103
400.0	6.222	34.109	26.825	127.11	0.727	-0.138
450.0	5.765	34.135	26.903	119.97	0.789	-0.175
500.0	5.468	34.176	26.972	113.75	0.847	-0.179
550.0	5.353	34.242	27.038	108.04	0.903	-0.141
600.0	5.123	34.272	27.089	103.52	0.955	-0.145
650.0	4.906	34.306	27.142	98.84	1.006	-0.142
700.0	4.773	34.339	27.183	95.30	1.055	-0.132
750.0	4.640	34.371	27.224	91.83	1.101	-0.122
800.0	4.480	34.393	27.259	88.75	1.146	-0.122
1000.0	3.871	34.459	27.377	78.35	1.314	-0.134
1200.0	3.348	34.505	27.466	70.31	1.462	-0.150
1400.0	2.933	34.539	27.532	64.25	1.597	-0.162
1600.0	2.576	34.568	27.588	59.05	1.720	-0.170
1800.0	2.215	34.596	27.641	53.69	1.832	-0.178
2000.0	2.030	34.618	27.674	50.75	1.937	-0.177
2098.0	1.956	34.627	27.688	49.56	1.986	-0.176

STATION: 13 DATE: 8/15/90 1100 GMT

LAT: 36 20.1 N. LON: 122 35.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.7	16.331	33.394	24.438	348.36	0.009	1.161
5.0	16.335	33.396	24.439	348.33	0.017	1.163
10.0	16.336	33.403	24.444	348.05	0.035	1.168
15.0	16.326	33.408	24.451	347.56	0.052	1.170
20.0	16.287	33.407	24.459	346.94	0.070	1.160
25.0	13.668	33.144	24.819	312.69	0.086	0.373
30.0	10.533	32.908	25.229	273.60	0.101	-0.429
40.0	9.732	32.868	25.333	263.91	0.128	-0.601
50.0	9.738	33.099	25.513	247.03	0.153	-0.414
60.0	9.009	33.095	25.627	236.31	0.177	-0.538
70.0	8.705	33.109	25.685	230.93	0.201	-0.576
80.0	9.110	33.330	25.795	220.72	0.223	-0.334
100.0	9.455	33.604	25.955	206.05	0.266	-0.059
120.0	9.065	33.748	26.130	189.73	0.306	-0.009
140.0	8.743	33.850	26.261	177.64	0.342	0.020
160.0	8.546	33.944	26.365	168.11	0.377	0.063
180.0	8.377	34.026	26.455	159.87	0.409	0.102
200.0	8.212	34.034	26.487	157.17	0.441	0.083
250.0	7.529	34.038	26.590	147.89	0.517	-0.015
300.0	7.099	34.062	26.670	140.90	0.589	-0.057
350.0	6.562	34.091	26.766	132.26	0.658	-0.108
400.0	6.149	34.116	26.840	125.60	0.722	-0.141
450.0	5.720	34.148	26.919	118.43	0.783	-0.170
500.0	5.521	34.196	26.982	112.93	0.841	-0.157
550.0	5.317	34.232	27.035	108.31	0.896	-0.153
600.0	5.071	34.270	27.094	103.01	0.949	-0.152
650.0	4.788	34.295	27.146	98.22	0.999	-0.164
700.0	4.684	34.341	27.195	94.08	1.047	-0.140
750.0	4.573	34.376	27.235	90.63	1.093	-0.125
800.0	4.436	34.398	27.268	87.83	1.138	-0.123
1000.0	3.847	34.461	27.381	77.92	1.304	-0.135
1200.0	3.359	34.502	27.462	70.66	1.452	-0.151
1400.0	2.977	34.537	27.527	64.91	1.587	-0.159
1600.0	2.591	34.565	27.584	59.44	1.711	-0.171
1800.0	2.290	34.589	27.629	55.11	1.825	-0.178
2000.0	2.067	34.611	27.666	51.69	1.931	-0.179
2200.0	1.903	34.631	27.695	49.00	2.032	-0.177
2400.0	1.801	34.644	27.715	47.51	2.128	-0.176
2498.2	1.762	34.650	27.723	46.91	2.175	-0.174

STATION: 14 DATE: 8/15/90 1723 GMT

LAT: 36 20.0 N. LON: 122 39.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.7	16.163	33.228	24.349	356.86	0.010	0.991
5.0	16.117	33.228	24.359	355.96	0.018	0.980
10.0	16.084	33.233	24.371	355.02	0.036	0.976
15.0	16.082	33.235	24.373	354.98	0.053	0.976
20.0	16.084	33.236	24.374	355.06	0.071	0.978
25.0	15.636	33.229	24.468	346.16	0.089	0.870
30.0	12.221	33.127	25.094	286.57	0.104	0.062
40.0	11.087	33.147	25.319	265.35	0.132	-0.137
50.0	10.065	33.101	25.460	252.05	0.158	-0.356
60.0	9.667	33.238	25.633	235.79	0.182	-0.315
70.0	9.004	33.234	25.736	226.09	0.205	-0.428
80.0	8.918	33.332	25.826	217.71	0.227	-0.363
100.0	9.239	33.628	26.008	200.96	0.269	-0.076
120.0	9.266	33.808	26.145	188.38	0.308	0.071
140.0	8.644	33.865	26.288	175.06	0.344	0.017
160.0	8.492	33.914	26.350	169.52	0.378	0.031
180.0	8.331	33.960	26.411	164.06	0.412	0.043
200.0	8.175	33.994	26.461	159.61	0.444	0.046
250.0	7.625	34.034	26.574	149.51	0.521	-0.004
300.0	7.082	34.062	26.673	140.68	0.594	-0.060
350.0	6.527	34.103	26.780	130.85	0.661	-0.102
400.0	6.055	34.133	26.865	123.19	0.725	-0.140
450.0	5.715	34.152	26.923	118.05	0.785	-0.168
500.0	5.470	34.198	26.989	112.14	0.843	-0.161
550.0	5.244	34.241	27.051	106.73	0.898	-0.154
600.0	5.178	34.301	27.106	101.99	0.950	-0.115
650.0	4.924	34.321	27.152	97.92	1.000	-0.129
700.0	4.708	34.343	27.194	94.22	1.048	-0.136
750.0	4.571	34.373	27.233	90.86	1.094	-0.128
800.0	4.438	34.401	27.270	87.64	1.139	-0.120
1000.0	3.852	34.463	27.382	77.83	1.304	-0.133
1200.0	3.355	34.508	27.467	70.17	1.451	-0.147
1400.0	2.967	34.539	27.529	64.65	1.586	-0.159
1600.0	2.588	34.569	27.587	59.12	1.710	-0.169
1800.0	2.265	34.594	27.635	54.45	1.824	-0.176
2000.0	2.034	34.616	27.672	50.91	1.929	-0.178
2200.0	1.893	34.636	27.700	48.52	2.028	-0.174
2400.0	1.797	34.647	27.717	47.24	2.124	-0.173
2600.0	1.728	34.655	27.730	46.45	2.218	-0.173
2800.0	1.671	34.663	27.742	45.77	2.310	-0.172
3000.1	1.628	34.668	27.750	45.44	2.401	-0.173

STATION: 15 DATE: 8/15/90 2206 GMT

LAT: 36 19.9 N. LON: 122 41.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	16.674	33.205	24.214	369.70	0.007	1.093
5.0	16.347	33.199	24.285	363.01	0.018	1.011
10.0	16.165	33.206	24.332	358.73	0.036	0.973
15.0	16.151	33.214	24.341	357.98	0.054	0.977
20.0	16.148	33.222	24.348	357.49	0.072	0.981
25.0	15.928	33.232	24.406	352.16	0.090	0.938
30.0	12.664	33.254	25.107	285.32	0.106	0.250
40.0	11.255	33.314	25.418	255.92	0.132	0.027
50.0	10.267	33.341	25.613	237.56	0.157	-0.130
60.0	9.757	33.329	25.689	230.49	0.181	-0.228
70.0	8.641	33.257	25.810	219.00	0.203	-0.467
80.0	9.252	33.531	25.930	207.97	0.224	-0.150
100.0	9.246	33.709	26.070	195.04	0.264	-0.010
120.0	8.954	33.831	26.212	181.91	0.302	0.039
140.0	8.637	33.872	26.294	174.45	0.338	0.021
160.0	8.442	33.937	26.375	167.06	0.372	0.042
180.0	8.218	33.983	26.445	160.71	0.405	0.044
200.0	7.938	33.998	26.499	155.86	0.436	0.014
250.0	7.535	34.038	26.589	147.99	0.512	-0.014
300.0	7.125	34.072	26.675	140.50	0.584	-0.045
350.0	6.397	34.109	26.802	128.71	0.651	-0.114
400.0	6.080	34.140	26.868	122.93	0.714	-0.131
450.0	5.861	34.184	26.930	117.51	0.774	-0.124
500.0	5.533	34.210	26.991	112.05	0.831	-0.144
550.0	5.200	34.235	27.051	106.66	0.886	-0.164
600.0	4.992	34.268	27.102	102.17	0.938	-0.162
650.0	4.779	34.309	27.158	97.10	0.988	-0.155
700.0	4.694	34.351	27.202	93.46	1.036	-0.131
750.0	4.533	34.380	27.243	89.87	1.082	-0.126
800.0	4.404	34.401	27.274	87.23	1.126	-0.124
1000.0	3.819	34.464	27.386	77.36	1.291	-0.135
1200.0	3.362	34.506	27.465	70.40	1.438	-0.148
1400.0	2.907	34.542	27.537	63.72	1.572	-0.161
1600.0	2.574	34.568	27.588	59.04	1.694	-0.171
1800.0	2.290	34.591	27.631	54.96	1.807	-0.176
2000.0	2.057	34.614	27.669	51.35	1.914	-0.178
2200.0	1.898	34.632	27.697	48.85	2.014	-0.177
2400.0	1.803	34.644	27.715	47.52	2.110	-0.175
2600.0	1.731	34.654	27.729	46.56	2.204	-0.174
2800.0	1.675	34.661	27.740	45.97	2.296	-0.174
3000.0	1.625	34.666	27.749	45.54	2.388	-0.175
3012.1	1.620	34.666	27.749	45.51	2.394	-0.175

STATION: 23 DATE: 8/16/90 0536 GMT

LAT: 36 26.3 N. LON: 122 46.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	16.817	33.298	24.252	366.07	0.007	1.200
5.0	16.817	33.298	24.252	366.16	0.018	1.200
10.0	16.735	33.333	24.298	361.93	0.037	1.208
15.0	16.441	33.410	24.425	349.98	0.054	1.198
20.0	16.066	33.402	24.505	342.58	0.072	1.105
25.0	13.800	33.268	24.891	305.85	0.088	0.496
30.0	11.776	33.128	25.178	278.52	0.102	-0.023
40.0	10.366	33.013	25.340	263.30	0.129	-0.375
50.0	10.360	33.223	25.505	247.83	0.155	-0.208
60.0	10.793	33.433	25.594	239.66	0.179	0.037
70.0	10.270	33.470	25.713	228.45	0.203	-0.027
80.0	9.816	33.499	25.813	219.17	0.225	-0.082
100.0	9.366	33.567	25.940	207.41	0.268	-0.103
120.0	9.308	33.740	26.085	194.08	0.308	0.024
140.0	8.845	33.818	26.220	181.54	0.345	0.011
160.0	8.679	33.952	26.350	169.50	0.380	0.090
180.0	8.407	33.995	26.427	162.58	0.414	0.082
200.0	8.186	34.008	26.470	158.72	0.446	0.059
250.0	7.661	34.058	26.588	148.24	0.522	0.020
300.0	7.216	34.071	26.661	141.84	0.595	-0.034
350.0	6.727	34.100	26.751	133.76	0.664	-0.078
400.0	6.179	34.102	26.825	127.07	0.729	-0.149
450.0	5.988	34.165	26.899	120.56	0.791	-0.124
500.0	5.801	34.239	26.982	113.29	0.849	-0.089
550.0	5.481	34.274	27.048	107.26	0.904	-0.101
600.0	5.151	34.303	27.111	101.53	0.957	-0.117
650.0	4.915	34.337	27.165	96.66	1.006	-0.117
700.0	4.656	34.366	27.218	91.85	1.053	-0.123
750.0	4.497	34.394	27.258	88.39	1.098	-0.119
800.0	4.412	34.406	27.277	86.95	1.142	-0.119
1000.0	3.872	34.450	27.369	79.03	1.310	-0.141
1200.0	3.356	34.504	27.464	70.48	1.458	-0.150
1400.0	2.937	34.540	27.533	64.22	1.593	-0.160
1600.0	2.608	34.566	27.583	59.58	1.716	-0.169
1800.0	2.287	34.592	27.632	54.84	1.830	-0.176
2000.0	2.050	34.612	27.668	51.41	1.936	-0.180
2200.0	1.897	34.634	27.698	48.71	2.036	-0.175
2400.0	1.804	34.645	27.715	47.47	2.132	-0.175
2600.0	1.727	34.655	27.730	46.43	2.226	-0.173
2700.3	1.699	34.657	27.734	46.25	2.273	-0.175

STATION: 16 DATE: 8/16/90 0953 GMT

LAT: 36 20.0 N. LON: 122 48.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	16.677	33.297	24.284	363.07	0.011	1.166
5.0	16.678	33.297	24.284	363.15	0.018	1.166
10.0	16.623	33.298	24.298	362.00	0.036	1.154
15.0	16.396	33.300	24.352	357.02	0.054	1.101
20.0	16.374	33.306	24.362	356.21	0.072	1.101
25.0	14.624	33.307	24.747	319.63	0.089	0.707
30.0	13.040	33.306	25.074	288.51	0.104	0.368
40.0	10.725	33.328	25.523	245.88	0.130	-0.059
50.0	10.127	33.373	25.662	232.92	0.154	-0.129
60.0	9.570	33.466	25.827	217.32	0.177	-0.149
70.0	9.365	33.552	25.928	207.97	0.198	-0.115
80.0	9.163	33.631	26.022	199.19	0.218	-0.085
100.0	9.039	33.802	26.176	184.97	0.257	0.030
120.0	8.704	33.929	26.328	170.84	0.292	0.077
140.0	8.384	33.946	26.391	165.21	0.326	0.041
160.0	8.129	33.986	26.461	158.86	0.358	0.033
180.0	7.937	33.998	26.499	155.53	0.390	0.014
200.0	7.754	34.026	26.548	151.17	0.420	0.009
250.0	7.301	34.049	26.631	143.90	0.494	-0.038
300.0	6.689	34.064	26.728	135.19	0.564	-0.111
350.0	6.331	34.105	26.807	128.17	0.630	-0.126
400.0	6.047	34.136	26.868	122.86	0.692	-0.139
450.0	5.834	34.182	26.932	117.35	0.752	-0.130
500.0	5.487	34.211	26.998	111.39	0.810	-0.149
550.0	5.144	34.227	27.051	106.56	0.864	-0.177
600.0	4.955	34.269	27.107	101.63	0.916	-0.165
650.0	4.862	34.323	27.160	97.07	0.966	-0.134
700.0	4.724	34.357	27.203	93.38	1.013	-0.123
750.0	4.550	34.383	27.243	89.83	1.059	-0.122
800.0	4.405	34.402	27.274	87.17	1.103	-0.123
1000.0	3.845	34.461	27.381	77.90	1.268	-0.135
1200.0	3.363	34.510	27.468	70.11	1.416	-0.144
1400.0	2.932	34.534	27.528	64.62	1.551	-0.166
1600.0	2.623	34.565	27.581	59.84	1.675	-0.169
1800.0	2.272	34.593	27.634	54.61	1.790	-0.177
2000.0	2.049	34.612	27.668	51.39	1.895	-0.180
2200.0	1.903	34.630	27.694	49.09	1.996	-0.178
2400.0	1.801	34.644	27.715	47.50	2.092	-0.176
2600.0	1.734	34.653	27.728	46.67	2.186	-0.175
2800.0	1.675	34.660	27.739	46.03	2.279	-0.174
2901.6	1.644	34.664	27.745	45.64	2.325	-0.174

STATION: 18 DATE: 8/16/90 1353 GMT

LAT: 36 20.0 N. LON: 123 1.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.6	16.699	33.267	24.256	365.74	0.010	1.148
5.0	16.701	33.276	24.263	365.16	0.018	1.156
10.0	16.662	33.269	24.266	364.98	0.037	1.141
15.0	16.158	33.243	24.362	356.00	0.055	1.001
20.0	16.112	33.248	24.377	354.77	0.072	0.994
25.0	16.066	33.248	24.387	353.96	0.090	0.983
30.0	15.908	33.231	24.410	351.94	0.108	0.932
40.0	12.125	33.246	25.205	276.28	0.139	0.138
50.0	9.722	33.548	25.866	213.45	0.163	-0.058
60.0	9.345	33.602	25.970	203.77	0.184	-0.079
70.0	9.126	33.665	26.054	195.92	0.204	-0.064
80.0	8.992	33.715	26.115	190.35	0.224	-0.046
100.0	8.707	33.818	26.240	178.78	0.261	-0.010
120.0	8.551	33.901	26.330	170.65	0.296	0.031
140.0	8.390	33.950	26.393	165.00	0.329	0.045
160.0	8.178	33.977	26.447	160.19	0.362	0.034
180.0	7.887	34.011	26.517	153.81	0.393	0.017
200.0	7.662	34.026	26.561	149.86	0.424	-0.004
250.0	7.320	34.075	26.649	142.22	0.497	-0.015
300.0	6.722	34.084	26.739	134.18	0.566	-0.091
350.0	6.329	34.106	26.808	128.07	0.631	-0.126
400.0	6.000	34.135	26.873	122.32	0.694	-0.145
450.0	5.721	34.160	26.928	117.53	0.753	-0.160
500.0	5.390	34.198	26.999	111.18	0.811	-0.171
550.0	5.213	34.239	27.052	106.51	0.865	-0.160
600.0	5.017	34.267	27.098	102.57	0.917	-0.161
650.0	4.772	34.301	27.153	97.61	0.967	-0.162
700.0	4.598	34.324	27.191	94.30	1.015	-0.163
750.0	4.430	34.357	27.236	90.32	1.061	-0.155
800.0	4.294	34.388	27.275	86.87	1.106	-0.145
1000.0	3.779	34.459	27.386	77.26	1.270	-0.143
1200.0	3.258	34.496	27.467	69.92	1.417	-0.165
1400.0	2.928	34.529	27.525	64.93	1.551	-0.170
1600.0	2.614	34.566	27.583	59.65	1.675	-0.169
1800.0	2.279	34.586	27.628	55.20	1.790	-0.181
2000.0	2.054	34.609	27.665	51.66	1.897	-0.182
2200.0	1.904	34.628	27.693	49.24	1.997	-0.179
2400.0	1.806	34.642	27.713	47.73	2.094	-0.177
2600.0	1.732	34.653	27.728	46.65	2.189	-0.175
2800.0	1.673	34.661	27.740	45.93	2.281	-0.174
3000.0	1.612	34.666	27.750	45.36	2.372	-0.175
3149.9	1.589	34.670	27.756	45.20	2.440	-0.175

STATION: 17 DATE: 8/16/90 2036 GMT

LAT: 36 20.0 N. LON: 122 55.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.5	16.882	33.300	24.239	367.39	0.009	1.218
5.0	16.796	33.297	24.256	365.77	0.018	1.195
10.0	16.500	33.296	24.324	359.44	0.037	1.123
15.0	16.450	33.325	24.359	356.35	0.054	1.134
20.0	16.196	33.321	24.414	351.25	0.072	1.071
25.0	14.709	33.317	24.738	320.45	0.089	0.731
30.0	13.127	33.321	25.069	289.05	0.104	0.397
40.0	11.015	33.431	25.553	243.14	0.131	0.076
50.0	10.108	33.527	25.785	221.20	0.154	-0.009
60.0	9.535	33.581	25.922	208.30	0.175	-0.064
70.0	9.275	33.650	26.019	199.31	0.195	-0.052
80.0	9.048	33.718	26.108	190.98	0.215	-0.035
100.0	8.768	33.814	26.228	179.98	0.252	-0.004
120.0	8.584	33.900	26.324	171.21	0.287	0.035
140.0	8.468	33.942	26.375	166.70	0.321	0.051
160.0	8.143	33.976	26.451	159.81	0.353	0.027
180.0	7.987	34.011	26.502	155.25	0.385	0.032
200.0	7.733	34.021	26.547	151.23	0.415	0.002
250.0	7.264	34.054	26.641	143.01	0.489	-0.040
300.0	6.702	34.081	26.739	134.15	0.558	-0.096
350.0	6.272	34.098	26.810	127.87	0.624	-0.139
400.0	5.945	34.129	26.876	122.05	0.687	-0.157
450.0	5.591	34.161	26.945	115.85	0.746	-0.176
500.0	5.436	34.214	27.006	110.56	0.803	-0.153
550.0	5.272	34.252	27.056	106.27	0.857	-0.142
600.0	4.978	34.289	27.120	100.47	0.909	-0.148
650.0	4.818	34.315	27.159	97.11	0.958	-0.145
700.0	4.648	34.344	27.201	93.42	1.005	-0.142
750.0	4.522	34.369	27.235	90.55	1.051	-0.136
800.0	4.347	34.387	27.268	87.60	1.096	-0.141
1000.0	3.856	34.450	27.371	78.84	1.262	-0.143
1200.0	3.360	34.499	27.460	70.90	1.411	-0.153
1400.0	2.929	34.533	27.528	64.65	1.546	-0.167
1600.0	2.577	34.565	27.585	59.27	1.670	-0.173
1800.0	2.278	34.590	27.631	54.89	1.784	-0.178
2000.0	2.077	34.611	27.665	51.81	1.890	-0.179
2200.0	1.915	34.630	27.693	49.25	1.991	-0.177
2400.0	1.812	34.641	27.712	47.85	2.088	-0.177
2600.0	1.740	34.652	27.727	46.82	2.183	-0.175
2800.0	1.675	34.661	27.740	45.97	2.275	-0.174
3000.0	1.627	34.665	27.748	45.64	2.367	-0.175
3200.0	1.596	34.670	27.756	45.45	2.458	-0.175
3400.0	1.576	34.674	27.762	45.46	2.549	-0.174
3405.9	1.574	34.674	27.762	45.44	2.551	-0.174

STATION: 19 DATE: 8/17/90 0048 GMT

LAT: 36 15.8 N. LON: 123 10.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.8	17.555	33.242	24.035	386.83	0.011	1.336
5.0	17.242	33.252	24.117	379.04	0.019	1.267
10.0	16.775	33.227	24.208	370.56	0.038	1.134
15.0	16.498	33.217	24.264	365.36	0.056	1.060
20.0	16.382	33.221	24.294	362.67	0.075	1.036
25.0	15.612	33.182	24.436	349.22	0.092	0.828
30.0	13.103	33.015	24.836	311.13	0.109	0.150
40.0	11.002	32.935	25.169	279.62	0.138	-0.323
50.0	10.548	33.138	25.406	257.20	0.165	-0.242
60.0	9.289	33.239	25.695	229.87	0.189	-0.377
70.0	9.037	33.330	25.806	219.43	0.211	-0.345
80.0	8.785	33.485	25.967	204.33	0.233	-0.262
100.0	9.149	33.790	26.149	187.52	0.272	0.038
120.0	8.779	33.841	26.248	178.50	0.309	0.019
140.0	8.483	33.923	26.358	168.36	0.343	0.038
160.0	8.236	33.970	26.432	161.60	0.376	0.037
180.0	8.001	34.007	26.497	155.75	0.408	0.031
200.0	7.642	33.999	26.543	151.57	0.439	-0.029
250.0	7.231	34.069	26.657	141.44	0.512	-0.032
300.0	6.899	34.117	26.741	134.09	0.581	-0.041
350.0	6.345	34.109	26.808	128.07	0.646	-0.122
400.0	6.033	34.128	26.864	123.24	0.709	-0.147
450.0	5.811	34.163	26.920	118.46	0.769	-0.147
500.0	5.544	34.195	26.978	113.30	0.827	-0.155
550.0	5.284	34.225	27.033	108.38	0.883	-0.162
600.0	5.109	34.264	27.085	103.92	0.936	-0.152
650.0	4.947	34.308	27.139	99.19	0.986	-0.136
700.0	4.737	34.330	27.180	95.54	1.035	-0.143
750.0	4.581	34.350	27.214	92.65	1.082	-0.145
800.0	4.389	34.365	27.247	89.73	1.128	-0.154
1000.0	3.716	34.452	27.386	77.04	1.294	-0.155
1200.0	3.275	34.503	27.471	69.61	1.440	-0.158
1400.0	2.876	34.539	27.537	63.59	1.573	-0.167
1600.0	2.527	34.568	27.592	58.48	1.695	-0.174
1800.0	2.276	34.592	27.633	54.74	1.808	-0.177
2000.0	2.080	34.610	27.664	51.90	1.915	-0.179
2200.0	1.902	34.630	27.695	49.06	2.016	-0.178
2400.0	1.813	34.642	27.712	47.80	2.113	-0.176
2600.0	1.737	34.652	27.727	46.78	2.207	-0.175
2800.0	1.678	34.661	27.740	46.00	2.300	-0.173
3000.0	1.622	34.667	27.750	45.43	2.391	-0.174
3200.0	1.580	34.671	27.757	45.15	2.482	-0.175
3255.8	1.574	34.673	27.760	45.08	2.507	-0.174

STATION: 20 DATE: 8/17/90 0700 GMT

LAT: 36 7.2 N. LON: 123 29.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.4	17.383	33.200	24.044	385.96	0.009	1.261
5.0	17.205	33.160	24.055	384.99	0.019	1.186
10.0	15.830	33.010	24.256	365.91	0.038	0.741
15.0	15.499	32.996	24.320	360.00	0.056	0.654
20.0	14.719	32.924	24.434	349.29	0.074	0.421
25.0	14.334	32.885	24.485	344.54	0.091	0.306
30.0	14.003	32.912	24.575	336.12	0.108	0.255
40.0	11.051	32.698	24.976	297.99	0.140	-0.504
50.0	10.385	32.673	25.072	288.98	0.170	-0.645
60.0	9.811	32.717	25.202	276.73	0.198	-0.709
70.0	9.554	32.790	25.301	267.49	0.225	-0.694
80.0	9.131	32.935	25.483	250.36	0.251	-0.647
100.0	9.461	33.379	25.778	222.83	0.298	-0.237
120.0	8.698	33.529	26.016	200.44	0.341	-0.241
140.0	8.531	33.669	26.151	187.93	0.379	-0.157
160.0	8.092	33.786	26.309	173.20	0.415	-0.131
180.0	8.074	33.934	26.429	162.24	0.449	-0.016
200.0	7.614	33.932	26.494	156.17	0.481	-0.086
250.0	7.466	34.064	26.620	145.10	0.556	-0.004
300.0	6.790	34.058	26.709	137.01	0.627	-0.102
350.0	6.421	34.098	26.790	129.88	0.694	-0.121
400.0	5.989	34.116	26.860	123.56	0.757	-0.161
450.0	5.754	34.171	26.933	117.13	0.818	-0.148
500.0	5.578	34.204	26.982	113.02	0.875	-0.143
550.0	5.329	34.226	27.029	108.88	0.930	-0.156
600.0	5.038	34.260	27.090	103.34	0.983	-0.163
650.0	4.850	34.291	27.136	99.28	1.034	-0.161
700.0	4.701	34.333	27.186	94.90	1.083	-0.145
750.0	4.501	34.348	27.220	91.87	1.129	-0.155
800.0	4.319	34.367	27.256	88.74	1.175	-0.159
1000.0	3.799	34.447	27.374	78.39	1.341	-0.151
1200.0	3.289	34.498	27.466	70.12	1.490	-0.160
1400.0	2.861	34.527	27.529	64.28	1.623	-0.177
1600.0	2.554	34.562	27.585	59.24	1.746	-0.177
1800.0	2.269	34.595	27.636	54.42	1.860	-0.175
2000.0	2.059	34.612	27.667	51.52	1.966	-0.179
2200.0	1.904	34.629	27.694	49.15	2.066	-0.178
2400.0	1.801	34.643	27.714	47.58	2.163	-0.176
2600.0	1.744	34.652	27.727	46.87	2.257	-0.175
2800.0	1.680	34.660	27.739	46.10	2.350	-0.174
3000.0	1.633	34.665	27.748	45.72	2.441	-0.175
3200.0	1.598	34.670	27.755	45.48	2.533	-0.175
3400.0	1.568	34.674	27.762	45.34	2.623	-0.175
3497.7	1.557	34.676	27.765	45.31	2.668	-0.175

STATION: 22 DATE: 8/17/90 1523 GMT

LAT: 35 45.5 N. LON: 124 14.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.4	18.474	33.061	23.672	421.38	0.010	1.424
5.0	18.473	33.063	23.674	421.30	0.021	1.425
10.0	18.126	33.066	23.762	413.08	0.042	1.339
15.0	17.961	33.088	23.820	407.76	0.063	1.315
20.0	17.938	33.093	23.829	407.00	0.083	1.313
25.0	17.929	33.102	23.839	406.30	0.103	1.318
30.0	17.908	33.111	23.850	405.33	0.124	1.319
40.0	17.190	33.123	24.032	388.36	0.164	1.152
50.0	14.580	33.059	24.568	337.33	0.200	0.497
60.0	13.065	32.924	24.774	317.86	0.233	0.068
70.0	12.045	32.876	24.933	302.81	0.264	-0.174
80.0	11.802	33.013	25.085	288.59	0.293	-0.111
100.0	11.166	33.268	25.400	259.01	0.348	-0.027
120.0	10.217	33.328	25.613	239.09	0.398	-0.150
140.0	9.691	33.457	25.802	221.42	0.444	-0.138
160.0	9.311	33.655	26.018	201.19	0.486	-0.044
180.0	9.197	33.815	26.162	187.91	0.525	0.064
200.0	8.854	33.902	26.285	176.54	0.562	0.078
250.0	8.182	34.016	26.478	158.89	0.645	0.064
300.0	7.439	34.048	26.612	146.66	0.722	-0.020
350.0	7.237	34.140	26.713	137.77	0.792	0.023
400.0	6.666	34.129	26.783	131.47	0.860	-0.064
450.0	6.148	34.137	26.857	124.72	0.924	-0.126
500.0	6.199	34.227	26.922	119.35	0.985	-0.049
550.0	5.894	34.250	26.979	114.29	1.043	-0.070
600.0	5.717	34.302	27.043	108.76	1.099	-0.051
650.0	5.441	34.328	27.097	103.87	1.152	-0.064
700.0	5.053	34.336	27.150	98.94	1.203	-0.103
750.0	4.764	34.349	27.193	94.95	1.251	-0.125
800.0	4.596	34.368	27.227	92.00	1.298	-0.129
1000.0	4.041	34.450	27.352	81.05	1.471	-0.124
1200.0	3.503	34.503	27.449	72.30	1.623	-0.137
1400.0	3.073	34.533	27.515	66.36	1.762	-0.154
1600.0	2.704	34.555	27.566	61.53	1.890	-0.170
1800.0	2.390	34.582	27.615	56.83	2.008	-0.176
2000.0	2.144	34.606	27.656	53.00	2.118	-0.177
2200.0	1.957	34.624	27.686	50.20	2.221	-0.179
2400.0	1.856	34.640	27.707	48.51	2.320	-0.175
2600.0	1.777	34.649	27.722	47.52	2.416	-0.175
2800.0	1.701	34.659	27.737	46.47	2.510	-0.174
3000.0	1.644	34.665	27.747	45.88	2.602	-0.174
3200.0	1.605	34.666	27.752	45.86	2.694	-0.177
3400.0	1.576	34.672	27.760	45.60	2.785	-0.176
3600.0	1.539	34.677	27.768	45.26	2.876	-0.176
3800.0	1.518	34.681	27.774	45.20	2.966	-0.175
3899.6	1.507	34.683	27.777	45.15	3.011	-0.175

STATION: 21 DATE: 8/18/90 1511 GMT

LAT: 35 56.7 N. LON: 123 52.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.9	18.460	32.998	23.628	425.66	0.012	1.371
5.0	18.460	33.010	23.637	424.88	0.021	1.380
10.0	18.460	33.029	23.652	423.63	0.042	1.395
15.0	18.268	33.100	23.754	414.04	0.063	1.402
20.0	18.151	33.131	23.806	409.24	0.084	1.396
25.0	18.137	33.137	23.815	408.59	0.104	1.397
30.0	18.110	33.144	23.827	407.62	0.125	1.396
40.0	14.563	32.905	24.453	348.03	0.163	0.371
50.0	13.848	32.967	24.650	329.50	0.197	0.267
60.0	12.275	32.832	24.856	309.98	0.229	-0.164
70.0	11.558	32.836	24.992	297.16	0.259	-0.300
80.0	11.229	32.953	25.143	282.97	0.288	-0.267
100.0	9.885	33.015	25.424	256.52	0.342	-0.458
120.0	9.820	33.199	25.578	242.23	0.392	-0.322
140.0	9.881	33.528	25.826	219.20	0.438	-0.049
160.0	9.348	33.686	26.037	199.45	0.480	-0.013
180.0	8.894	33.861	26.246	179.83	0.517	0.052
200.0	8.535	33.966	26.385	166.98	0.552	0.079
250.0	7.828	34.045	26.553	151.62	0.632	0.034
300.0	7.153	34.061	26.662	141.73	0.705	-0.051
350.0	6.940	34.141	26.755	133.57	0.774	-0.017
400.0	6.479	34.153	26.827	127.17	0.839	-0.069
450.0	6.019	34.160	26.892	121.30	0.901	-0.123
500.0	5.609	34.183	26.961	115.00	0.960	-0.157
550.0	5.517	34.254	27.029	109.16	1.016	-0.112
600.0	5.283	34.276	27.074	105.18	1.069	-0.123
650.0	5.152	34.337	27.138	99.56	1.120	-0.090
700.0	4.887	34.347	27.177	96.12	1.169	-0.113
750.0	4.802	34.386	27.218	92.70	1.217	-0.092
800.0	4.591	34.404	27.256	89.26	1.262	-0.102
1000.0	3.946	34.454	27.365	79.61	1.430	-0.131
1200.0	3.436	34.503	27.456	71.50	1.581	-0.143
1400.0	2.996	34.525	27.515	66.03	1.718	-0.167
1600.0	2.653	34.559	27.574	60.63	1.845	-0.171
1800.0	2.367	34.587	27.621	56.18	1.961	-0.174
2000.0	2.114	34.609	27.660	52.41	2.070	-0.177
2200.0	1.951	34.627	27.689	49.90	2.172	-0.177
2400.0	1.846	34.640	27.708	48.36	2.270	-0.175
2600.0	1.766	34.651	27.724	47.25	2.366	-0.174
2800.0	1.700	34.658	27.736	46.52	2.459	-0.174
3000.0	1.647	34.664	27.746	45.99	2.552	-0.175
3200.0	1.599	34.668	27.754	45.63	2.643	-0.176
3400.0	1.570	34.672	27.760	45.51	2.735	-0.176
3600.0	1.542	34.676	27.767	45.37	2.825	-0.176
3749.2	1.522	34.681	27.773	45.12	2.893	-0.175

STATION: 24 DATE: 8/19/90 0218 GMT

LAT: 36 36.0 N. LON: 122 28.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	15.695	33.304	24.513	341.27	0.010	0.942
5.0	15.649	33.311	24.529	339.81	0.017	0.937
10.0	15.194	33.305	24.625	330.81	0.034	0.829
15.0	14.936	33.317	24.690	324.73	0.050	0.781
20.0	14.765	33.304	24.717	322.33	0.066	0.733
25.0	14.619	33.305	24.749	319.45	0.082	0.701
30.0	14.212	33.317	24.844	310.47	0.098	0.622
40.0	13.143	33.324	25.068	289.36	0.128	0.403
50.0	12.388	33.497	25.350	262.80	0.155	0.388
60.0	12.097	33.526	25.428	255.57	0.181	0.354
70.0	11.899	33.550	25.484	250.46	0.207	0.335
80.0	10.839	33.497	25.636	236.12	0.231	0.095
100.0	10.251	33.594	25.814	219.59	0.277	0.068
120.0	9.654	33.724	26.016	200.70	0.318	0.069
140.0	9.475	33.832	26.130	190.25	0.358	0.124
160.0	8.610	33.863	26.292	175.05	0.394	0.010
180.0	8.433	33.924	26.367	168.26	0.428	0.030
200.0	8.276	33.961	26.420	163.52	0.462	0.035
250.0	7.752	34.049	26.567	150.22	0.541	0.026
300.0	7.116	34.097	26.695	138.55	0.612	-0.027
350.0	6.579	34.084	26.758	133.00	0.680	-0.111
400.0	6.407	34.136	26.823	127.48	0.745	-0.092
450.0	6.118	34.177	26.893	121.34	0.807	-0.098
500.0	5.763	34.224	26.975	113.87	0.866	-0.105
550.0	5.554	34.260	27.028	109.22	0.921	-0.103
600.0	5.229	34.279	27.083	104.28	0.975	-0.127
650.0	5.100	34.311	27.124	100.86	1.026	-0.117
700.0	4.872	34.344	27.176	96.13	1.075	-0.117
750.0	4.649	34.371	27.223	91.91	1.122	-0.121
800.0	4.473	34.395	27.261	88.51	1.167	-0.121
1000.0	3.854	34.457	27.377	78.30	1.333	-0.138
1200.0	3.361	34.500	27.461	70.83	1.482	-0.152
1400.0	2.940	34.536	27.529	64.55	1.616	-0.163
1600.0	2.486	34.574	27.600	57.54	1.738	-0.173
1800.0	2.202	34.597	27.643	53.46	1.848	-0.179
2000.0	1.989	34.621	27.680	50.01	1.951	-0.177
2200.0	1.878	34.634	27.700	48.47	2.050	-0.177
2400.0	1.805	34.644	27.714	47.57	2.145	-0.175
2600.0	1.730	34.653	27.728	46.62	2.240	-0.175
2800.0	1.698	34.658	27.736	46.49	2.333	-0.174
2874.0	1.679	34.659	27.739	46.40	2.367	-0.175

STATION: 26 DATE: 8/19/90 0706 GMT

LAT: 36 36.7 N. LON: 122 9.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.2	15.726	33.233	24.451	347.11	0.008	0.893
5.0	15.701	33.237	24.460	346.38	0.017	0.891
10.0	15.545	33.256	24.510	341.79	0.035	0.870
15.0	15.117	33.304	24.640	329.49	0.051	0.811
20.0	14.434	33.322	24.801	314.30	0.068	0.674
25.0	13.281	33.380	25.083	287.59	0.083	0.477
30.0	12.413	33.481	25.332	263.95	0.096	0.381
40.0	11.329	33.572	25.605	238.14	0.121	0.245
50.0	11.039	33.594	25.675	231.73	0.145	0.209
60.0	10.843	33.621	25.731	226.60	0.168	0.195
70.0	10.769	33.657	25.772	222.93	0.190	0.210
80.0	10.647	33.695	25.824	218.27	0.212	0.218
100.0	10.467	33.728	25.881	213.21	0.255	0.212
120.0	10.398	33.737	25.901	211.82	0.298	0.206
140.0	10.150	33.781	25.977	204.91	0.340	0.197
160.0	9.363	33.887	26.191	184.81	0.378	0.149
180.0	9.298	33.983	26.277	177.07	0.415	0.213
200.0	9.052	34.052	26.371	168.50	0.449	0.228
250.0	8.331	34.120	26.537	153.40	0.530	0.168
300.0	7.737	34.156	26.654	142.86	0.604	0.108
350.0	7.204	34.178	26.748	134.51	0.674	0.048
400.0	6.850	34.199	26.813	128.81	0.740	0.016
450.0	6.533	34.220	26.873	123.62	0.803	-0.010
500.0	6.157	34.240	26.938	117.78	0.863	-0.043
550.0	5.885	34.263	26.991	113.18	0.921	-0.060
600.0	5.563	34.288	27.051	107.81	0.976	-0.080
650.0	5.287	34.300	27.093	103.98	1.030	-0.104
700.0	5.097	34.318	27.130	100.85	1.081	-0.112
750.0	4.796	34.351	27.191	95.21	1.130	-0.120
800.0	4.561	34.370	27.232	91.43	1.176	-0.132
1000.0	3.917	34.448	27.363	79.70	1.346	-0.138
1200.0	3.341	34.506	27.467	70.15	1.495	-0.149
1400.0	2.895	34.543	27.539	63.51	1.628	-0.162
1600.0	2.589	34.568	27.587	59.19	1.751	-0.169
1800.0	2.280	34.599	27.638	54.26	1.864	-0.171
1803.6	2.281	34.598	27.637	54.36	1.866	-0.172

STATION: 27 DATE: 8/19/90 1318 GMT

LAT: 36 43.5 N. LON: 122 13.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.3	15.550	33.226	24.485	343.89	0.008	0.847
5.0	15.550	33.225	24.484	344.04	0.017	0.847
10.0	15.519	33.237	24.501	342.61	0.034	0.849
15.0	15.509	33.248	24.512	341.73	0.051	0.855
20.0	15.063	33.225	24.592	334.27	0.068	0.736
25.0	13.479	33.170	24.881	306.79	0.084	0.350
30.0	12.743	33.149	25.011	294.50	0.099	0.183
40.0	11.889	33.149	25.174	279.16	0.128	0.015
50.0	11.976	33.392	25.346	263.08	0.155	0.224
60.0	11.841	33.459	25.424	255.91	0.181	0.252
70.0	11.330	33.466	25.524	246.62	0.206	0.161
80.0	10.704	33.528	25.683	231.59	0.230	0.095
100.0	9.839	33.584	25.876	213.60	0.274	-0.011
120.0	9.646	33.720	26.014	200.87	0.316	0.064
140.0	9.618	33.888	26.150	188.35	0.354	0.192
160.0	9.268	33.995	26.291	175.32	0.391	0.219
180.0	9.024	34.047	26.371	168.06	0.425	0.220
200.0	8.873	34.073	26.416	164.16	0.458	0.216
250.0	8.396	34.135	26.539	153.26	0.537	0.190
300.0	7.973	34.151	26.616	146.66	0.612	0.139
350.0	7.623	34.173	26.685	140.75	0.684	0.104
400.0	7.021	34.176	26.772	132.86	0.752	0.021
450.0	6.646	34.157	26.808	129.83	0.817	-0.045
500.0	6.398	34.198	26.874	124.16	0.881	-0.046
550.0	6.061	34.240	26.951	117.20	0.941	-0.056
600.0	5.604	34.280	27.039	108.96	0.997	-0.082
650.0	5.251	34.298	27.096	103.70	1.050	-0.110
700.0	4.992	34.311	27.136	100.06	1.101	-0.130
750.0	4.717	34.352	27.200	94.17	1.149	-0.128
800.0	4.470	34.385	27.254	89.21	1.195	-0.129
999.6	3.899	34.452	27.368	79.20	1.362	-0.137

STATION: 29 DATE: 8/19/90 1518 GMT

LAT: 36 42.0 N. LON: 122 3.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.6	14.334	33.317	24.818	312.20	0.008	0.649
5.0	14.326	33.319	24.821	311.98	0.016	0.648
10.0	14.207	33.339	24.862	308.24	0.031	0.639
15.0	13.960	33.350	24.921	302.67	0.046	0.594
20.0	12.705	33.296	25.132	282.75	0.061	0.292
25.0	11.575	33.239	25.301	266.70	0.075	0.027
30.0	11.519	33.280	25.344	262.78	0.088	0.049
40.0	11.764	33.509	25.477	250.41	0.114	0.277
50.0	11.175	33.564	25.628	236.26	0.138	0.210
60.0	10.887	33.614	25.718	227.86	0.161	0.197
70.0	10.670	33.658	25.791	221.18	0.184	0.193
80.0	10.500	33.709	25.861	214.75	0.205	0.203
100.0	10.154	33.790	25.983	203.47	0.247	0.206
120.0	9.905	33.853	26.075	195.13	0.287	0.214
140.0	9.557	33.908	26.176	185.88	0.325	0.198
160.0	9.378	33.972	26.256	178.70	0.361	0.219
180.0	9.187	34.015	26.321	172.91	0.396	0.221
200.0	9.015	34.044	26.371	168.50	0.430	0.216
250.0	8.118	34.136	26.582	149.08	0.511	0.149
300.0	7.585	34.157	26.677	140.62	0.583	0.087
350.0	7.082	34.175	26.762	133.04	0.652	0.029
400.0	6.792	34.216	26.835	126.74	0.717	0.021
450.0	6.396	34.237	26.904	120.55	0.778	-0.015
500.0	5.999	34.252	26.967	114.88	0.837	-0.054
550.0	5.653	34.269	27.024	109.77	0.893	-0.084
600.0	5.398	34.291	27.073	105.50	0.947	-0.097
650.0	5.167	34.311	27.116	101.70	0.998	-0.109
700.0	4.859	34.347	27.180	95.76	1.048	-0.116
750.0	4.509	34.386	27.250	89.12	1.094	-0.124
800.0	4.361	34.401	27.278	86.72	1.138	-0.128
1000.0	3.772	34.465	27.391	76.74	1.299	-0.139
1200.0	3.172	34.520	27.494	67.15	1.442	-0.154
1383.9	2.853	34.548	27.546	62.55	1.561	-0.161

STATION: 33 DATE: 8/19/90 1711 GMT

LAT: 36 46.4 N. LON: 122 1.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.3	13.334	33.435	25.115	283.92	0.007	0.531
5.0	13.259	33.436	25.130	282.50	0.014	0.516
10.0	13.147	33.442	25.157	280.05	0.028	0.498
15.0	13.162	33.448	25.160	279.99	0.042	0.506
20.0	13.125	33.470	25.184	277.79	0.056	0.515
25.0	12.757	33.431	25.226	273.88	0.070	0.410
30.0	12.648	33.426	25.244	272.36	0.084	0.384
40.0	11.863	33.415	25.386	259.08	0.110	0.222
50.0	11.350	33.430	25.491	249.21	0.135	0.136
60.0	10.893	33.591	25.699	229.63	0.159	0.180
70.0	10.739	33.644	25.768	223.37	0.182	0.194
80.0	10.504	33.694	25.848	215.91	0.204	0.192
100.0	10.055	33.754	25.972	204.52	0.246	0.161
120.0	9.823	33.818	26.061	196.44	0.286	0.171
140.0	9.559	33.894	26.165	186.96	0.324	0.187
160.0	9.450	33.943	26.221	182.02	0.361	0.207
180.0	9.209	34.020	26.321	172.88	0.397	0.229
200.0	8.739	34.069	26.434	162.42	0.430	0.192
250.0	7.889	34.139	26.618	145.52	0.506	0.117
300.0	7.463	34.155	26.693	139.04	0.577	0.068
350.0	7.092	34.172	26.758	133.40	0.645	0.028
400.0	6.571	34.203	26.853	124.75	0.710	-0.018
450.0	6.191	34.230	26.925	118.32	0.771	-0.046
500.0	5.844	34.255	26.989	112.64	0.829	-0.071
550.0	5.456	34.289	27.063	105.80	0.883	-0.092
600.0	5.188	34.314	27.115	101.18	0.935	-0.104
650.0	5.025	34.329	27.146	98.60	0.985	-0.111
700.0	4.826	34.352	27.188	94.98	1.033	-0.116
750.0	4.711	34.365	27.211	93.11	1.080	-0.119
800.0	4.424	34.394	27.266	87.98	1.125	-0.127
901.6	4.189	34.419	27.312	84.25	1.212	-0.133

STATION: 24 DATE: 10/21/90 2123 GMT

LAT: 36 35.9 N. LON: 122 28.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.302	33.058	24.410	350.94	0.000	0.658
5.0	15.284	33.059	24.415	350.64	0.018	0.655
10.0	15.225	33.061	24.429	349.40	0.035	0.643
15.0	15.208	33.059	24.432	349.29	0.053	0.638
20.0	15.202	33.054	24.429	349.72	0.070	0.632
25.0	15.188	33.047	24.427	350.05	0.087	0.623
30.0	14.618	33.007	24.520	341.38	0.105	0.465
40.0	11.248	32.807	25.025	293.27	0.136	-0.380
50.0	10.919	32.905	25.160	280.62	0.164	-0.362
60.0	10.300	33.009	25.348	262.90	0.192	-0.390
70.0	9.757	33.046	25.468	251.66	0.217	-0.454
80.0	9.370	33.107	25.579	241.24	0.242	-0.470
100.0	9.204	33.300	25.757	224.74	0.288	-0.343
120.0	9.047	33.541	25.971	204.80	0.331	-0.176
140.0	8.752	33.719	26.157	187.51	0.370	-0.082
160.0	8.498	33.883	26.325	171.86	0.406	0.008
180.0	8.365	33.963	26.408	164.31	0.439	0.051
200.0	8.033	34.037	26.516	154.33	0.471	0.059
250.0	7.669	34.088	26.610	146.15	0.546	0.045
300.0	7.422	34.142	26.688	139.46	0.618	0.051
350.0	6.801	34.132	26.766	132.41	0.685	-0.043
400.0	6.479	34.150	26.824	127.46	0.750	-0.072
450.0	6.185	34.186	26.891	121.53	0.813	-0.082
500.0	5.844	34.208	26.952	116.15	0.872	-0.108
550.0	5.490	34.235	27.017	110.25	0.929	-0.130
600.0	5.277	34.270	27.070	105.58	0.983	-0.128
650.0	4.738	34.257	27.122	100.44	1.034	-0.200
700.0	4.709	34.320	27.175	95.94	1.083	-0.154
750.0	4.633	34.365	27.220	92.18	1.130	-0.127
800.0	4.491	34.392	27.257	88.95	1.175	-0.122
1000.0	3.974	34.446	27.356	80.54	1.344	-0.134
1200.0	3.434	34.499	27.453	71.77	1.496	-0.146
1400.0	3.011	34.535	27.522	65.47	1.633	-0.158
1600.0	2.689	34.561	27.572	60.91	1.760	-0.167
1800.0	2.326	34.591	27.628	55.40	1.877	-0.174
2000.0	2.037	34.619	27.674	50.74	1.983	-0.175
2200.0	1.913	34.631	27.695	49.13	2.082	-0.176
2400.0	1.819	34.644	27.713	47.73	2.179	-0.174
2600.0	1.746	34.654	27.728	46.76	2.273	-0.173
2800.0	1.697	34.660	27.738	46.33	2.366	-0.173
2983.6	1.669	34.664	27.744	46.25	2.451	-0.173

STATION: 27 DATE: 10/22/90 0611 GMT

LAT: 36 43.6 N. LON: 122 13.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.575	33.261	25.130	282.44	0.000	0.239
5.0	12.554	33.260	25.133	282.22	0.014	0.234
10.0	12.495	33.261	25.146	281.17	0.028	0.223
15.0	12.283	33.269	25.192	276.87	0.042	0.188
20.0	12.048	33.274	25.241	272.37	0.056	0.145
25.0	11.982	33.297	25.271	269.63	0.069	0.151
30.0	11.884	33.326	25.312	265.82	0.083	0.155
40.0	11.613	33.344	25.377	259.89	0.109	0.118
50.0	10.816	33.321	25.502	248.14	0.134	-0.048
60.0	10.545	33.369	25.587	240.25	0.159	-0.059
70.0	10.400	33.545	25.750	225.04	0.182	0.055
80.0	10.355	33.572	25.778	222.52	0.204	0.068
100.0	9.940	33.669	25.925	208.92	0.247	0.074
120.0	9.717	33.757	26.031	199.25	0.288	0.105
140.0	9.519	33.835	26.126	190.68	0.327	0.134
160.0	9.248	33.884	26.208	183.20	0.364	0.128
180.0	9.028	33.952	26.297	175.11	0.400	0.146
200.0	8.674	34.026	26.410	164.62	0.434	0.148
250.0	7.657	34.007	26.547	152.03	0.513	-0.021
300.0	7.212	34.045	26.641	143.76	0.587	-0.055
350.0	6.439	34.039	26.741	134.49	0.656	-0.165
400.0	6.438	34.125	26.810	128.74	0.722	-0.097
450.0	6.185	34.186	26.891	121.57	0.784	-0.082
500.0	5.856	34.215	26.956	115.76	0.844	-0.101
550.0	5.511	34.250	27.026	109.37	0.900	-0.116
600.0	5.243	34.279	27.081	104.45	0.953	-0.125
650.0	4.959	34.298	27.129	100.10	1.004	-0.143
700.0	4.827	34.337	27.176	96.12	1.054	-0.127
750.0	4.655	34.366	27.218	92.38	1.101	-0.124
800.0	4.529	34.387	27.249	89.78	1.146	-0.121
1000.0	3.903	34.455	27.370	79.02	1.314	-0.134
1016.0	3.844	34.460	27.380	78.09	1.326	-0.136

STATION: 33 DATE: 10/22/90 1148 GMT

LAT: 36 46.5 N. LON: 122 1.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.673	33.257	25.107	284.54	0.000	0.256
5.0	12.499	33.256	25.140	281.54	0.014	0.220
10.0	12.175	33.262	25.207	275.28	0.028	0.161
15.0	11.947	33.278	25.262	270.17	0.042	0.129
20.0	11.742	33.290	25.310	265.75	0.055	0.099
25.0	11.463	33.331	25.394	257.92	0.068	0.079
30.0	11.439	33.362	25.422	255.32	0.081	0.099
40.0	11.251	33.385	25.474	250.61	0.106	0.082
50.0	11.213	33.395	25.489	249.40	0.131	0.083
60.0	11.217	33.424	25.511	247.56	0.156	0.106
70.0	11.060	33.435	25.548	244.27	0.181	0.086
80.0	10.807	33.444	25.600	239.50	0.205	0.047
100.0	10.510	33.495	25.692	231.16	0.252	0.034
120.0	10.179	33.540	25.784	222.79	0.297	0.012
140.0	10.054	33.643	25.886	213.51	0.341	0.072
160.0	9.861	33.694	25.959	207.01	0.383	0.079
180.0	9.376	33.708	26.049	198.66	0.423	0.008
200.0	9.446	33.864	26.161	188.56	0.462	0.144
250.0	8.112	34.045	26.511	155.72	0.548	0.076
300.0	7.593	34.105	26.635	144.60	0.623	0.047
350.0	7.069	34.156	26.749	134.25	0.693	0.013
400.0	6.590	34.180	26.833	126.68	0.758	-0.034
450.0	6.251	34.201	26.895	121.29	0.820	-0.062
500.0	5.891	34.227	26.961	115.34	0.879	-0.087
550.0	5.600	34.262	27.025	109.61	0.935	-0.096
600.0	5.421	34.283	27.063	106.38	0.989	-0.101
650.0	5.107	34.310	27.122	101.02	1.041	-0.117
700.0	5.062	34.316	27.132	100.55	1.091	-0.118
750.0	4.684	34.359	27.210	93.23	1.139	-0.126
800.0	4.530	34.377	27.241	90.53	1.185	-0.129
932.0	3.952	34.439	27.352	80.22	1.296	-0.141

STATION: 29 DATE: 10/22/90 1348 GMT

LAT: 36 42.1 N. LON: 122 3.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.500	33.274	25.154	280.10	0.000	0.235
5.0	12.342	33.285	25.193	276.50	0.014	0.212
10.0	12.069	33.305	25.260	270.24	0.028	0.174
15.0	12.025	33.305	25.269	269.55	0.041	0.166
20.0	11.862	33.317	25.309	265.87	0.054	0.144
25.0	11.761	33.318	25.328	264.14	0.068	0.125
30.0	11.586	33.326	25.367	260.56	0.081	0.098
40.0	11.239	33.373	25.467	251.25	0.106	0.071
50.0	10.858	33.362	25.527	245.79	0.131	-0.008
60.0	10.804	33.387	25.556	243.25	0.156	0.002
70.0	10.752	33.399	25.575	241.69	0.180	0.002
80.0	10.770	33.470	25.627	236.96	0.204	0.061
100.0	10.589	33.525	25.702	230.26	0.251	0.072
120.0	10.366	33.584	25.787	222.60	0.296	0.079
140.0	9.957	33.731	25.971	205.43	0.339	0.125
160.0	9.793	33.781	26.038	199.47	0.379	0.136
180.0	9.163	33.785	26.145	189.57	0.418	0.036
200.0	9.102	33.943	26.278	177.34	0.455	0.150
250.0	8.737	34.024	26.400	166.60	0.540	0.156
300.0	8.139	34.092	26.545	153.50	0.620	0.116
350.0	7.564	34.135	26.663	142.75	0.694	0.065
400.0	6.802	34.162	26.791	130.87	0.762	-0.020
450.0	6.436	34.184	26.857	125.01	0.826	-0.051
500.0	5.927	34.219	26.950	116.39	0.886	-0.089
550.0	5.705	34.236	26.992	112.89	0.943	-0.104
600.0	5.486	34.266	27.042	108.46	0.998	-0.107
650.0	5.217	34.289	27.093	103.95	1.051	-0.121
700.0	5.013	34.323	27.144	99.43	1.102	-0.118
750.0	4.814	34.347	27.186	95.72	1.151	-0.121
800.0	4.641	34.371	27.224	92.32	1.198	-0.122
1000.0	4.081	34.436	27.337	82.56	1.373	-0.131
1200.0	3.472	34.495	27.446	72.52	1.527	-0.146
1400.0	2.948	34.541	27.532	64.27	1.666	-0.159
1413.9	2.884	34.547	27.543	63.17	1.675	-0.160

STATION: 0 DATE: 10/25/90 1853 GMT

LAT: 36 33.2 N. LON: 122 1.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.101	33.168	25.148	280.69	0.000	0.072
5.0	11.979	33.194	25.191	276.71	0.014	0.069
10.0	11.932	33.248	25.242	271.96	0.028	0.103
15.0	11.918	33.264	25.257	270.67	0.041	0.112
20.0	11.623	33.307	25.345	262.41	0.055	0.090
25.0	11.292	33.359	25.446	252.92	0.068	0.069
30.0	11.119	33.381	25.495	248.42	0.080	0.055
40.0	10.509	33.440	25.649	233.96	0.104	-0.008
50.0	10.458	33.463	25.675	231.65	0.127	0.001
60.0	10.384	33.513	25.727	226.93	0.150	0.027
70.0	10.379	33.532	25.743	225.68	0.173	0.041
80.0	10.295	33.554	25.775	222.87	0.195	0.044
100.0	10.187	33.627	25.851	216.07	0.239	0.083
120.0	10.044	33.676	25.913	210.52	0.282	0.097
140.0	9.948	33.705	25.952	207.22	0.323	0.103
160.0	9.832	33.739	25.999	203.20	0.365	0.110
180.0	9.622	33.809	26.089	195.06	0.405	0.129
200.0	9.428	33.822	26.131	191.37	0.443	0.107
250.0	8.565	34.027	26.429	163.76	0.532	0.131
300.0	7.646	34.109	26.630	145.06	0.609	0.057
350.0	7.101	34.128	26.723	136.76	0.679	-0.005
400.0	6.625	34.151	26.805	129.33	0.745	-0.052
450.0	6.218	34.147	26.856	124.89	0.809	-0.109
500.0	5.972	34.188	26.920	119.27	0.870	-0.108
550.0	5.622	34.221	26.990	112.96	0.928	-0.126
600.0	5.485	34.236	27.019	110.69	0.984	-0.131
650.0	5.377	34.251	27.044	108.77	1.038	-0.132
700.0	5.283	34.264	27.066	107.18	1.093	-0.133
750.0	5.041	34.309	27.130	101.35	1.145	-0.126
800.0	4.859	34.336	27.172	97.60	1.194	-0.126
826.2	4.782	34.345	27.188	96.25	1.220	-0.127

STATION: 1 DATE: 10/25/90 2106 GMT

LAT: 36 20.0 N. LON: 121 56.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.004	33.268	25.244	271.56	0.000	0.133
5.0	12.008	33.269	25.244	271.68	0.014	0.134
10.0	11.898	33.274	25.269	269.46	0.027	0.117
15.0	11.588	33.332	25.371	259.83	0.040	0.104
20.0	11.401	33.359	25.426	254.69	0.053	0.090
25.0	11.240	33.376	25.469	250.76	0.066	0.073
30.0	11.143	33.396	25.502	247.73	0.078	0.071
35.8	11.202	33.391	25.488	249.21	0.093	0.078

STATION: 2 DATE: 10/25/90 2148 GMT

LAT: 36 20.0 N. LON: 121 59.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.261	33.275	25.201	275.67	0.000	0.188
5.0	12.261	33.276	25.201	275.73	0.014	0.189
10.0	12.261	33.275	25.201	275.90	0.028	0.188
15.0	12.263	33.275	25.201	276.06	0.041	0.188
20.0	12.251	33.276	25.204	275.88	0.055	0.187
25.0	12.244	33.280	25.208	275.60	0.069	0.188
30.0	12.241	33.281	25.210	275.57	0.083	0.188
40.0	12.019	33.284	25.254	271.56	0.110	0.147
50.0	11.608	33.320	25.359	261.86	0.137	0.097
60.0	11.196	33.382	25.482	250.29	0.162	0.069
70.0	11.083	33.416	25.530	246.03	0.187	0.076
79.2	10.985	33.428	25.556	243.69	0.210	0.067

STATION: 3 DATE: 10/25/90 2230 GMT

LAT: 36 20.0 N. LON: 122 1.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.677	33.313	24.951	299.46	0.000	0.506
5.0	13.712	33.325	24.953	299.38	0.015	0.522
10.0	13.824	33.327	24.932	301.56	0.030	0.547
15.0	14.320	33.347	24.845	310.00	0.045	0.670
20.0	14.160	33.354	24.883	306.49	0.061	0.640
25.0	13.398	33.305	25.001	295.32	0.076	0.440
30.0	12.964	33.303	25.087	287.30	0.090	0.350
40.0	12.062	33.306	25.263	270.73	0.118	0.173
50.0	10.919	33.439	25.576	241.16	0.144	0.064
60.0	10.789	33.489	25.638	235.45	0.168	0.080
70.0	10.783	33.494	25.643	235.19	0.191	0.083
80.0	10.735	33.502	25.658	234.00	0.215	0.081
100.0	10.673	33.516	25.680	232.34	0.261	0.080
111.4	10.597	33.536	25.709	229.82	0.288	0.082

STATION: 4 DATE: 10/25/90 2318 GMT

LAT: 36 19.9 N. LON: 122 5.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.015	33.338	24.688	324.44	0.000	0.815
5.0	15.012	33.342	24.692	324.22	0.016	0.818
10.0	15.006	33.344	24.695	324.09	0.032	0.818
15.0	14.996	33.348	24.701	323.73	0.049	0.819
20.0	14.997	33.351	24.703	323.66	0.065	0.821
25.0	14.958	33.352	24.712	322.92	0.081	0.812
30.0	14.097	33.328	24.877	307.37	0.097	0.606
40.0	11.064	33.343	25.475	250.49	0.124	0.015
50.0	10.830	33.415	25.573	241.41	0.149	0.029
60.0	10.595	33.504	25.684	231.09	0.172	0.058
70.0	10.460	33.544	25.739	226.08	0.195	0.065
80.0	10.127	33.631	25.864	214.36	0.217	0.076
100.0	9.879	33.722	25.977	204.02	0.259	0.106
120.0	9.727	33.766	26.037	198.74	0.299	0.114
140.0	9.601	33.793	26.079	195.11	0.338	0.114
160.0	9.420	33.850	26.154	188.40	0.377	0.129
180.0	9.265	33.892	26.212	183.26	0.414	0.137
200.0	8.981	33.948	26.301	175.07	0.450	0.135
250.0	8.318	34.066	26.496	157.23	0.533	0.124
257.1	8.293	34.067	26.501	156.88	0.544	0.121

STATION: 5 DATE: 10/26/90 0036 GMT

LAT: 36 20.0 N. LON: 122 8.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.997	33.327	24.684	324.88	0.000	0.803
5.0	14.982	33.333	24.692	324.28	0.016	0.803
10.0	14.985	33.336	24.694	324.24	0.032	0.807
15.0	14.979	33.339	24.697	324.03	0.049	0.808
20.0	14.972	33.343	24.702	323.75	0.065	0.809
25.0	14.966	33.346	24.706	323.51	0.081	0.810
30.0	14.939	33.348	24.713	322.98	0.097	0.805
40.0	12.649	33.275	25.127	283.71	0.128	0.264
50.0	11.443	33.350	25.412	256.74	0.155	0.090
60.0	10.753	33.414	25.586	240.43	0.180	0.014
70.0	10.417	33.465	25.684	231.23	0.203	-0.005
80.0	10.134	33.519	25.775	222.81	0.226	-0.012
100.0	9.742	33.590	25.896	211.66	0.270	-0.023
120.0	9.645	33.753	26.040	198.43	0.310	0.090
140.0	9.534	33.830	26.119	191.33	0.349	0.132
160.0	9.328	33.879	26.191	184.84	0.387	0.137
180.0	8.931	33.925	26.291	175.63	0.423	0.109
200.0	8.898	33.986	26.344	171.03	0.458	0.151
250.0	8.168	34.087	26.536	153.42	0.539	0.118
300.0	7.464	34.090	26.641	143.92	0.614	0.016
350.0	6.815	34.097	26.737	135.15	0.683	-0.069
400.0	6.492	34.148	26.821	127.78	0.749	-0.072
450.0	6.021	34.187	26.913	119.34	0.810	-0.102
500.0	5.855	34.226	26.965	114.94	0.869	-0.092
550.0	5.454	34.260	27.041	107.93	0.925	-0.115
600.0	5.291	34.313	27.103	102.52	0.977	-0.093
644.3	5.010	34.339	27.156	97.60	1.021	-0.105

STATION: 6 DATE: 10/26/90 0148 GMT

LAT: 36 19.9 N. LON: 122 12.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.064	33.346	24.684	324.87	0.000	0.832
5.0	15.112	33.368	24.691	324.37	0.016	0.861
10.0	15.034	33.371	24.710	322.68	0.032	0.845
15.0	15.032	33.371	24.710	322.80	0.049	0.844
20.0	15.024	33.371	24.712	322.76	0.065	0.842
25.0	14.987	33.365	24.716	322.58	0.081	0.829
30.0	14.352	33.330	24.825	312.32	0.097	0.662
40.0	12.694	33.306	25.143	282.24	0.127	0.298
50.0	12.067	33.345	25.293	268.12	0.154	0.205
60.0	11.154	33.375	25.484	250.12	0.180	0.056
70.0	10.875	33.390	25.546	244.41	0.205	0.017
80.0	10.141	33.439	25.711	228.84	0.229	-0.074
100.0	9.753	33.625	25.922	209.25	0.272	0.007
120.0	9.677	33.750	26.032	199.15	0.314	0.093
140.0	9.475	33.807	26.110	192.10	0.353	0.104
160.0	9.175	33.884	26.219	182.08	0.390	0.116
180.0	9.029	33.922	26.273	177.36	0.426	0.122
200.0	8.587	33.988	26.394	166.13	0.460	0.104
250.0	8.230	34.064	26.508	156.05	0.540	0.109
300.0	7.799	34.145	26.637	144.58	0.616	0.108
350.0	7.148	34.149	26.733	135.86	0.687	0.018
400.0	6.758	34.192	26.820	128.04	0.753	-0.002
450.0	6.167	34.199	26.904	120.32	0.815	-0.074
500.0	5.927	34.252	26.976	113.94	0.874	-0.063
550.0	5.570	34.275	27.039	108.26	0.929	-0.089
600.0	5.362	34.302	27.086	104.23	0.983	-0.093
650.0	5.147	34.320	27.126	100.75	1.034	-0.104
700.0	4.960	34.339	27.162	97.60	1.083	-0.111
750.0	4.640	34.366	27.220	92.18	1.131	-0.126
800.0	4.458	34.396	27.264	88.25	1.176	-0.122
881.6	4.075	34.430	27.332	81.90	1.245	-0.136

STATION: 7 DATE: 10/26/90 0253 GMT

LAT: 36 20.0 N. LON: 122 15.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.230	33.355	24.655	327.66	0.000	0.877
5.0	15.081	33.373	24.701	323.38	0.016	0.857
10.0	14.181	33.337	24.865	307.87	0.032	0.632
15.0	13.456	33.216	24.921	302.68	0.047	0.383
20.0	12.798	33.066	24.936	301.38	0.063	0.129
25.0	12.364	33.023	24.986	296.73	0.077	0.007
30.0	12.073	33.016	25.036	292.10	0.092	-0.056
40.0	11.255	32.949	25.135	282.88	0.121	-0.264
50.0	10.688	33.087	25.343	263.27	0.148	-0.258
60.0	10.567	33.307	25.535	245.21	0.174	-0.104
70.0	10.691	33.448	25.623	237.07	0.198	0.030
80.0	10.390	33.550	25.755	224.71	0.221	0.057
100.0	9.766	33.681	25.963	205.28	0.264	0.054
120.0	9.574	33.801	26.089	193.73	0.304	0.116
140.0	9.353	33.872	26.181	185.39	0.342	0.135
160.0	9.029	33.943	26.289	175.45	0.378	0.139
180.0	8.851	33.991	26.355	169.57	0.412	0.148
200.0	8.522	34.043	26.447	161.07	0.445	0.138
250.0	7.896	34.064	26.558	151.19	0.524	0.059
300.0	7.682	34.164	26.668	141.52	0.597	0.106
350.0	7.152	34.151	26.733	135.79	0.666	0.020
400.0	6.905	34.188	26.797	130.36	0.733	0.015
450.0	6.438	34.193	26.864	124.38	0.797	-0.044
500.0	6.021	34.214	26.934	117.98	0.857	-0.082
550.0	5.526	34.235	27.012	110.69	0.914	-0.126
600.0	5.129	34.233	27.058	106.44	0.969	-0.174
650.0	4.910	34.282	27.122	100.67	1.020	-0.161
700.0	4.680	34.332	27.188	94.71	1.070	-0.148
750.0	4.566	34.357	27.221	91.96	1.116	-0.141
800.0	4.318	34.400	27.282	86.28	1.161	-0.134
974.1	3.944	34.445	27.358	80.04	1.305	-0.138

STATION: 8 DATE: 10/26/90 0541 GMT

LAT: 36 20.0 N. LON: 122 18.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	12.864	33.021	24.887	305.49	0.000	0.106
5.0	12.865	33.020	24.887	305.69	0.015	0.106
10.0	12.864	33.020	24.887	305.79	0.031	0.105
15.0	12.806	33.034	24.910	303.77	0.046	0.105
20.0	12.608	33.071	24.977	297.50	0.061	0.094
25.0	12.457	33.060	24.997	295.66	0.076	0.055
30.0	12.365	33.055	25.011	294.48	0.090	0.033
40.0	12.194	33.067	25.053	290.73	0.120	0.008
50.0	11.805	33.010	25.082	288.22	0.149	-0.113
60.0	10.653	32.932	25.228	274.39	0.177	-0.389
70.0	10.129	32.992	25.364	261.60	0.204	-0.434
80.0	9.657	33.065	25.499	248.87	0.229	-0.456
100.0	8.873	33.266	25.782	222.28	0.276	-0.424
120.0	9.325	33.631	25.997	202.41	0.319	-0.060
140.0	9.249	33.849	26.180	185.45	0.357	0.100
160.0	8.971	33.926	26.285	175.82	0.393	0.117
180.0	8.705	34.004	26.388	166.34	0.427	0.136
200.0	8.510	34.035	26.442	161.53	0.460	0.129
250.0	7.640	34.047	26.582	148.75	0.538	0.009
300.0	7.424	34.112	26.664	141.68	0.611	0.028
350.0	6.432	34.031	26.736	134.99	0.680	-0.172
400.0	6.425	34.121	26.808	128.90	0.746	-0.102
450.0	5.801	34.087	26.861	123.94	0.809	-0.208
500.0	5.486	34.118	26.924	118.34	0.869	-0.223
550.0	5.325	34.148	26.967	114.65	0.928	-0.218
600.0	5.018	34.181	27.029	108.97	0.984	-0.228
650.0	4.829	34.205	27.070	105.40	1.037	-0.231
700.0	4.751	34.268	27.129	100.31	1.089	-0.190
750.0	4.550	34.360	27.225	91.54	1.137	-0.140
800.0	4.274	34.407	27.292	85.23	1.181	-0.133
873.8	4.062	34.434	27.336	81.39	1.243	-0.134

STATION: 9 DATE: 10/26/90 0723 GMT

LAT: 36 19.9 N. LON: 122 21.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	13.554	33.022	24.751	318.50	0.000	0.249
5.0	13.554	33.022	24.751	318.64	0.016	0.249
10.0	13.553	33.020	24.750	318.83	0.032	0.247
15.0	13.453	33.025	24.774	316.69	0.048	0.230
20.0	12.996	33.055	24.889	305.90	0.063	0.160
25.0	12.918	33.060	24.907	304.25	0.079	0.147
30.0	12.819	33.052	24.921	303.10	0.094	0.121
40.0	12.615	33.045	24.956	300.00	0.124	0.075
50.0	12.038	33.156	25.152	281.54	0.153	0.049
60.0	11.161	33.079	25.253	272.12	0.181	-0.179
70.0	10.285	33.021	25.360	261.97	0.208	-0.383
80.0	9.635	33.049	25.491	249.68	0.233	-0.472
100.0	8.939	33.293	25.793	221.24	0.280	-0.391
120.0	8.703	33.519	26.007	201.27	0.322	-0.249
140.0	8.873	33.688	26.114	191.61	0.362	-0.088
160.0	8.851	33.891	26.276	176.60	0.398	0.070
180.0	8.639	33.997	26.393	165.89	0.433	0.120
200.0	8.378	34.041	26.467	159.09	0.465	0.114
250.0	7.924	34.092	26.576	149.50	0.542	0.085
300.0	7.617	34.131	26.652	143.01	0.615	0.071
350.0	7.087	34.175	26.761	133.11	0.684	0.030
400.0	6.809	34.198	26.818	128.30	0.749	0.010
450.0	6.360	34.191	26.872	123.51	0.812	-0.056
500.0	5.863	34.205	26.947	116.60	0.872	-0.108
550.0	5.109	34.165	27.006	110.74	0.929	-0.230
600.0	4.957	34.200	27.052	106.79	0.983	-0.220
650.0	4.807	34.250	27.108	101.81	1.036	-0.198
700.0	4.866	34.309	27.149	98.67	1.085	-0.145
750.0	4.750	34.343	27.189	95.24	1.134	-0.132
800.0	4.494	34.356	27.228	91.66	1.181	-0.150
1000.0	4.153	34.431	27.326	83.81	1.356	-0.128
1200.0	3.566	34.485	27.429	74.38	1.515	-0.145
1201.5	3.549	34.487	27.432	74.04	1.516	-0.145

STATION: 10 DATE: 10/26/90 1100 GMT

LAT: 36 20.0 N. LON: 122 25.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.829	33.008	24.474	344.85	0.000	0.513
5.0	14.832	33.008	24.473	345.06	0.017	0.513
10.0	14.835	33.008	24.473	345.23	0.035	0.514
15.0	14.835	33.008	24.473	345.35	0.052	0.514
20.0	14.836	33.008	24.473	345.52	0.069	0.514
25.0	14.806	33.008	24.480	345.01	0.086	0.507
30.0	14.785	33.010	24.486	344.60	0.104	0.504
40.0	13.279	32.953	24.753	319.32	0.137	0.136
50.0	11.075	32.862	25.099	286.46	0.168	-0.368
60.0	10.592	32.881	25.199	277.14	0.196	-0.441
70.0	10.021	32.994	25.384	259.66	0.223	-0.450
80.0	9.843	33.073	25.475	251.18	0.248	-0.418
100.0	9.257	33.323	25.766	223.85	0.296	-0.316
120.0	8.890	33.476	25.944	207.29	0.339	-0.254
140.0	8.723	33.656	26.112	191.73	0.379	-0.137
160.0	8.559	33.809	26.257	178.32	0.416	-0.042
180.0	8.403	33.873	26.331	171.60	0.451	-0.015
200.0	8.450	34.011	26.433	162.39	0.485	0.101
250.0	8.067	34.084	26.548	152.18	0.563	0.100
300.0	7.384	34.085	26.649	143.12	0.637	0.001
350.0	6.876	34.095	26.727	136.17	0.707	-0.062
400.0	6.632	34.187	26.833	126.70	0.773	-0.023
450.0	6.173	34.190	26.896	121.08	0.834	-0.080
500.0	5.753	34.210	26.964	114.84	0.893	-0.118
550.0	5.400	34.235	27.027	109.12	0.949	-0.141
600.0	5.220	34.267	27.074	105.08	1.003	-0.137
650.0	4.987	34.322	27.145	98.64	1.054	-0.121
700.0	4.801	34.342	27.183	95.41	1.102	-0.126
750.0	4.624	34.364	27.220	92.15	1.149	-0.129
800.0	4.448	34.378	27.251	89.46	1.195	-0.137
1000.0	3.872	34.457	27.375	78.52	1.363	-0.136
1200.0	3.293	34.498	27.465	70.18	1.512	-0.160
1400.0	2.934	34.537	27.530	64.41	1.647	-0.163
1579.9	2.608	34.565	27.582	59.55	1.757	-0.170

STATION: 11 DATE: 10/26/90 1236 GMT

LAT: 36 20.1 N. LON: 122 28.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.896	33.015	24.465	345.70	0.000	0.533
5.0	14.898	33.016	24.466	345.80	0.017	0.534
10.0	14.899	33.017	24.466	345.91	0.035	0.535
15.0	14.899	33.015	24.465	346.16	0.052	0.533
20.0	14.901	33.016	24.465	346.26	0.069	0.535
25.0	14.901	33.018	24.467	346.24	0.087	0.536
30.0	14.867	33.042	24.493	343.95	0.104	0.547
40.0	13.396	33.004	24.770	317.79	0.137	0.201
50.0	10.685	32.820	25.135	283.04	0.167	-0.473
60.0	10.264	32.901	25.271	270.28	0.194	-0.482
70.0	9.764	32.985	25.419	256.29	0.221	-0.502
80.0	9.360	33.091	25.568	242.28	0.246	-0.484
100.0	8.896	33.338	25.835	217.28	0.292	-0.363
120.0	8.692	33.549	26.032	198.90	0.333	-0.227
140.0	8.743	33.761	26.191	184.26	0.371	-0.050
160.0	8.563	33.891	26.321	172.29	0.407	0.024
180.0	8.359	33.934	26.386	166.39	0.441	0.027
200.0	8.010	33.950	26.451	160.45	0.473	-0.013
250.0	7.731	34.061	26.579	149.06	0.551	0.032
300.0	7.002	34.082	26.699	138.08	0.622	-0.054
350.0	6.502	34.107	26.786	130.26	0.689	-0.103
400.0	6.458	34.192	26.860	124.04	0.753	-0.042
450.0	6.067	34.197	26.915	119.17	0.814	-0.088
500.0	5.742	34.213	26.968	114.46	0.872	-0.117
550.0	5.340	34.239	27.038	108.07	0.928	-0.145
600.0	5.162	34.273	27.086	103.90	0.980	-0.139
650.0	5.050	34.315	27.132	99.95	1.031	-0.119
700.0	4.809	34.339	27.179	95.74	1.080	-0.128
750.0	4.679	34.369	27.218	92.43	1.127	-0.119
800.0	4.493	34.395	27.259	88.75	1.173	-0.119
1000.0	3.912	34.452	27.367	79.36	1.340	-0.136
1200.0	3.386	34.489	27.449	71.94	1.492	-0.159
1400.0	2.974	34.533	27.524	65.17	1.629	-0.163
1600.0	2.593	34.566	27.585	59.39	1.753	-0.170
1800.0	2.315	34.589	27.627	55.39	1.867	-0.176
1831.2	2.240	34.597	27.640	54.07	1.884	-0.176

STATION: 12 DATE: 10/26/90 2323 GMT

LAT: 36 20.0 N. LON: 122 33.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.012	33.032	24.453	346.84	0.000	0.573
5.0	15.013	33.032	24.453	346.98	0.017	0.573
10.0	15.010	33.034	24.456	346.92	0.035	0.573
15.0	15.018	33.039	24.458	346.86	0.052	0.579
20.0	14.992	33.046	24.469	345.96	0.069	0.578
25.0	14.984	33.046	24.471	345.88	0.087	0.577
30.0	14.965	33.047	24.476	345.56	0.104	0.573
40.0	13.560	32.990	24.725	322.05	0.138	0.224
50.0	11.502	32.794	24.970	298.83	0.168	-0.343
60.0	10.319	32.791	25.175	279.36	0.197	-0.562
70.0	10.005	32.894	25.309	266.82	0.224	-0.533
80.0	9.868	32.980	25.399	258.47	0.250	-0.488
100.0	9.754	33.436	25.774	223.24	0.298	-0.143
120.0	8.767	33.428	25.926	208.95	0.341	-0.311
140.0	8.511	33.641	26.133	189.70	0.381	-0.182
160.0	8.477	33.794	26.258	178.18	0.418	-0.066
180.0	8.589	33.974	26.382	166.88	0.452	0.093
200.0	8.409	34.031	26.455	160.26	0.485	0.111
250.0	7.347	33.996	26.583	148.51	0.562	-0.074
300.0	7.008	34.073	26.691	138.84	0.634	-0.061
350.0	6.582	34.110	26.778	131.08	0.702	-0.090
400.0	6.338	34.156	26.847	125.11	0.766	-0.086
450.0	6.198	34.236	26.929	117.99	0.827	-0.041
500.0	5.669	34.229	26.990	112.33	0.884	-0.113
550.0	5.415	34.246	27.034	108.51	0.939	-0.131
600.0	5.210	34.285	27.090	103.62	0.992	-0.124
650.0	5.019	34.321	27.141	99.13	1.043	-0.118
700.0	4.835	34.347	27.183	95.47	1.091	-0.119
750.0	4.591	34.376	27.233	90.85	1.138	-0.123
800.0	4.457	34.390	27.259	88.68	1.183	-0.127
1000.0	3.940	34.455	27.367	79.47	1.350	-0.131
1200.0	3.291	34.491	27.460	70.68	1.500	-0.166
1400.0	2.891	34.525	27.525	64.79	1.634	-0.176
1600.0	2.571	34.561	27.582	59.51	1.759	-0.176
1800.0	2.280	34.590	27.631	54.92	1.873	-0.178
2000.0	2.076	34.611	27.665	51.80	1.980	-0.179
2200.0	1.891	34.632	27.697	48.78	2.080	-0.177
2353.8	1.794	34.643	27.714	47.32	2.154	-0.177

STATION: 13 DATE: 10/27/90 0211 GMT

LAT: 36 20.0 N. LON: 122 35.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.132	33.081	24.465	345.72	0.000	0.638
5.0	15.050	33.083	24.485	344.01	0.017	0.621
10.0	15.048	33.083	24.485	344.11	0.034	0.621
15.0	15.048	33.083	24.486	344.21	0.052	0.621
20.0	15.001	33.088	24.499	343.04	0.069	0.614
25.0	14.822	33.096	24.544	338.90	0.086	0.580
30.0	14.408	33.084	24.624	331.48	0.103	0.480
40.0	13.164	32.988	24.804	314.53	0.135	0.141
50.0	10.949	32.811	25.081	288.14	0.165	-0.432
60.0	10.085	32.832	25.247	272.52	0.193	-0.569
70.0	9.823	32.961	25.391	258.95	0.219	-0.510
80.0	9.604	33.079	25.519	246.97	0.245	-0.453
100.0	9.400	33.436	25.832	217.68	0.291	-0.202
120.0	8.736	33.546	26.023	199.76	0.332	-0.222
140.0	8.573	33.694	26.165	186.69	0.371	-0.130
160.0	8.419	33.834	26.298	174.36	0.407	-0.043
180.0	8.510	33.982	26.401	165.06	0.441	0.088
200.0	8.432	34.034	26.454	160.41	0.473	0.117
250.0	7.183	34.002	26.611	145.77	0.549	-0.092
300.0	6.876	34.069	26.706	137.35	0.620	-0.082
350.0	6.822	34.162	26.787	130.46	0.687	-0.017
400.0	6.238	34.157	26.861	123.76	0.751	-0.098
450.0	6.158	34.239	26.937	117.24	0.811	-0.044
500.0	5.708	34.242	26.995	111.89	0.868	-0.098
550.0	5.378	34.258	27.048	107.12	0.923	-0.125
600.0	5.220	34.288	27.091	103.51	0.976	-0.121
650.0	5.023	34.324	27.143	98.95	1.026	-0.115
700.0	4.846	34.349	27.183	95.45	1.075	-0.116
750.0	4.680	34.366	27.215	92.67	1.122	-0.121
800.0	4.526	34.388	27.250	89.66	1.168	-0.121
1000.0	3.957	34.460	27.369	79.30	1.335	-0.125
1200.0	3.322	34.493	27.459	70.89	1.485	-0.161
1400.0	2.893	34.534	27.532	64.15	1.620	-0.169
1600.0	2.597	34.565	27.583	59.53	1.744	-0.171
1800.0	2.303	34.589	27.628	55.25	1.858	-0.177
2000.0	2.059	34.613	27.668	51.45	1.965	-0.178
2200.0	1.904	34.631	27.695	49.01	2.065	-0.177
2400.0	1.787	34.645	27.716	47.28	2.161	-0.176
2568.0	1.729	34.651	27.727	46.64	2.240	-0.176

STATION: 14 DATE: 10/27/90 1830 GMT

LAT: 36 20.0 N. LON: 122 38.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.970	33.033	24.463	345.90	0.000	0.564
5.0	14.964	33.032	24.463	346.02	0.017	0.561
10.0	14.914	33.038	24.480	344.62	0.035	0.555
15.0	14.898	33.043	24.486	344.12	0.052	0.555
20.0	14.852	33.051	24.503	342.72	0.069	0.551
25.0	14.842	33.056	24.509	342.22	0.086	0.553
30.0	14.832	33.061	24.516	341.78	0.103	0.555
40.0	14.284	33.054	24.627	331.46	0.137	0.429
50.0	12.119	32.942	24.970	298.83	0.169	-0.106
60.0	10.644	32.918	25.219	275.26	0.197	-0.401
70.0	10.177	32.968	25.337	264.15	0.224	-0.445
80.0	9.834	32.983	25.407	257.72	0.250	-0.492
100.0	9.419	33.237	25.673	232.72	0.299	-0.358
120.0	8.714	33.417	25.925	209.01	0.344	-0.328
140.0	8.579	33.684	26.156	187.54	0.383	-0.137
160.0	8.315	33.816	26.300	174.18	0.419	-0.073
180.0	8.415	33.953	26.392	165.83	0.453	0.050
200.0	8.471	34.058	26.467	159.19	0.486	0.142
250.0	7.457	34.031	26.595	147.42	0.562	-0.031
300.0	6.641	34.000	26.683	139.34	0.634	-0.168
350.0	6.335	34.050	26.763	132.31	0.702	-0.169
400.0	6.126	34.114	26.841	125.46	0.766	-0.146
450.0	6.228	34.201	26.898	120.97	0.828	-0.065
500.0	5.937	34.212	26.944	117.02	0.887	-0.093
550.0	5.579	34.240	27.010	110.99	0.944	-0.116
600.0	5.283	34.271	27.070	105.55	0.998	-0.127
650.0	5.108	34.310	27.122	101.04	1.050	-0.117
700.0	4.974	34.339	27.161	97.77	1.100	-0.110
750.0	4.737	34.364	27.207	93.52	1.147	-0.117
800.0	4.539	34.392	27.252	89.55	1.193	-0.117
1000.0	3.973	34.465	27.371	79.12	1.361	-0.119
1200.0	3.443	34.492	27.446	72.39	1.512	-0.151
1400.0	2.959	34.534	27.526	64.93	1.648	-0.163
1600.0	2.608	34.566	27.583	59.58	1.773	-0.169
1800.0	2.313	34.593	27.631	55.08	1.888	-0.173
2000.0	2.050	34.620	27.674	50.83	1.993	-0.174
2200.0	1.907	34.637	27.700	48.65	2.093	-0.172
2400.0	1.797	34.648	27.718	47.16	2.188	-0.173
2600.0	1.735	34.655	27.730	46.53	2.282	-0.173
2800.0	1.673	34.661	27.740	45.93	2.374	-0.174
3000.0	1.621	34.665	27.748	45.56	2.466	-0.176
3103.5	1.601	34.667	27.752	45.45	2.513	-0.176

STATION: 15 DATE: 10/27/90 2123 GMT

LAT: 36 20.0 N. LON: 122 41.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	15.099	33.147	24.523	340.20	0.000	0.683
5.0	15.081	33.147	24.527	339.93	0.017	0.679
10.0	15.046	33.146	24.534	339.43	0.034	0.670
15.0	15.008	33.145	24.542	338.82	0.051	0.661
20.0	14.988	33.146	24.547	338.51	0.068	0.657
25.0	14.983	33.146	24.548	338.54	0.085	0.656
30.0	14.979	33.146	24.549	338.59	0.102	0.655
40.0	14.673	33.108	24.586	335.37	0.135	0.556
50.0	10.956	32.823	25.090	287.35	0.167	-0.421
60.0	10.426	32.929	25.265	270.87	0.195	-0.432
70.0	9.740	32.981	25.421	256.16	0.221	-0.509
80.0	9.601	33.097	25.534	245.59	0.246	-0.440
100.0	9.640	33.403	25.767	223.88	0.293	-0.189
120.0	8.887	33.571	26.019	200.15	0.335	-0.178
140.0	8.525	33.694	26.172	185.98	0.374	-0.138
160.0	8.320	33.811	26.295	174.62	0.410	-0.076
180.0	8.253	33.911	26.384	166.52	0.444	-0.007
200.0	8.232	33.994	26.452	160.42	0.476	0.055
250.0	7.529	34.037	26.590	147.93	0.553	-0.015
300.0	6.622	34.022	26.703	137.46	0.624	-0.153
350.0	6.088	34.037	26.785	130.08	0.691	-0.211
400.0	5.822	34.079	26.852	124.20	0.755	-0.212
450.0	5.710	34.146	26.919	118.40	0.815	-0.173
500.0	5.560	34.196	26.977	113.45	0.873	-0.152
550.0	5.450	34.249	27.033	108.69	0.929	-0.124
600.0	5.211	34.284	27.089	103.70	0.982	-0.125
650.0	5.025	34.332	27.149	98.38	1.032	-0.109
700.0	4.823	34.358	27.193	94.50	1.080	-0.111
750.0	4.634	34.376	27.228	91.37	1.126	-0.118
800.0	4.435	34.404	27.273	87.38	1.171	-0.118
1000.0	3.920	34.465	27.377	78.49	1.337	-0.125
1200.0	3.387	34.502	27.460	70.99	1.486	-0.148
1400.0	2.908	34.540	27.535	63.88	1.622	-0.163
1600.0	2.604	34.566	27.584	59.53	1.745	-0.170
1800.0	2.285	34.598	27.637	54.41	1.859	-0.172
2000.0	2.057	34.617	27.671	51.13	1.965	-0.175
2200.0	1.923	34.634	27.696	49.03	2.065	-0.173
2400.0	1.827	34.646	27.714	47.69	2.161	-0.172
2600.0	1.741	34.656	27.730	46.57	2.256	-0.172
2800.0	1.690	34.661	27.739	46.17	2.348	-0.173
3000.0	1.632	34.665	27.748	45.71	2.440	-0.175
3163.9	1.591	34.669	27.755	45.34	2.515	-0.176

STATION: 16 DATE: 10/28/90 0506 GMT

LAT: 36 20.0 N. LON: 122 48.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	16.278	33.045	24.182	372.68	0.000	0.873
5.0	16.236	33.046	24.192	371.85	0.019	0.864
10.0	15.801	33.080	24.317	360.10	0.037	0.790
15.0	15.507	33.085	24.386	353.68	0.055	0.726
20.0	15.129	33.088	24.471	345.72	0.072	0.642
25.0	14.642	33.079	24.569	336.50	0.089	0.527
30.0	13.261	33.017	24.806	314.06	0.106	0.184
40.0	11.551	32.936	25.071	288.96	0.136	-0.220
50.0	10.475	32.888	25.225	274.48	0.164	-0.455
60.0	10.225	32.935	25.304	267.15	0.191	-0.462
70.0	9.666	32.974	25.427	255.58	0.217	-0.527
80.0	9.535	33.079	25.530	245.92	0.242	-0.465
100.0	9.363	33.301	25.732	227.14	0.289	-0.316
120.0	8.952	33.484	25.941	207.61	0.332	-0.237
140.0	8.486	33.616	26.117	191.20	0.372	-0.206
160.0	8.360	33.768	26.255	178.40	0.410	-0.104
180.0	8.243	33.947	26.413	163.76	0.444	0.019
200.0	8.397	34.044	26.467	159.16	0.476	0.119
250.0	7.802	34.073	26.579	149.18	0.553	0.052
300.0	6.640	33.985	26.672	140.41	0.626	-0.180
350.0	6.540	34.074	26.756	133.17	0.694	-0.123
400.0	5.647	34.032	26.836	125.53	0.759	-0.270
450.0	5.389	34.082	26.906	119.24	0.820	-0.262
500.0	5.445	34.164	26.965	114.37	0.878	-0.191
550.0	5.058	34.189	27.031	108.35	0.933	-0.217
600.0	4.913	34.234	27.083	103.77	0.986	-0.198
650.0	4.889	34.306	27.144	98.63	1.037	-0.144
700.0	4.842	34.351	27.185	95.23	1.085	-0.115
750.0	4.663	34.377	27.226	91.67	1.132	-0.115
800.0	4.453	34.399	27.267	87.97	1.177	-0.120
1000.0	3.914	34.471	27.382	77.97	1.343	-0.121
1200.0	3.385	34.505	27.462	70.75	1.492	-0.146
1400.0	2.943	34.534	27.527	64.74	1.628	-0.165
1600.0	2.563	34.570	27.590	58.76	1.751	-0.170
1800.0	2.286	34.596	27.635	54.55	1.864	-0.173
2000.0	2.054	34.619	27.673	50.94	1.969	-0.174
2200.0	1.900	34.637	27.700	48.55	2.068	-0.173
2400.0	1.814	34.646	27.715	47.52	2.164	-0.173
2600.0	1.751	34.654	27.728	46.82	2.259	-0.172
2800.0	1.690	34.660	27.738	46.24	2.352	-0.173
3000.0	1.633	34.666	27.748	45.66	2.444	-0.174
3200.0	1.612	34.666	27.751	45.96	2.535	-0.177
3261.5	1.610	34.668	27.753	45.97	2.563	-0.176

STATION: 17 DATE: 10/28/90 1200 GMT

LAT: 36 19.9 N. LON: 122 55.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	17.213	33.035	23.957	394.11	0.000	1.089
5.0	17.208	33.034	23.958	394.24	0.020	1.087
10.0	16.328	33.063	24.185	372.76	0.039	0.899
15.0	15.747	33.124	24.363	355.92	0.057	0.811
20.0	15.529	33.169	24.447	348.09	0.075	0.797
25.0	15.446	33.179	24.472	345.80	0.092	0.785
30.0	15.324	33.183	24.503	343.05	0.109	0.761
40.0	15.183	33.167	24.521	341.55	0.144	0.716
50.0	14.148	33.071	24.668	327.78	0.177	0.413
60.0	11.281	32.834	25.041	292.29	0.208	-0.353
70.0	10.805	32.893	25.171	280.05	0.237	-0.393
80.0	10.059	32.929	25.327	265.32	0.264	-0.497
100.0	9.330	33.230	25.682	231.88	0.314	-0.378
120.0	9.226	33.497	25.908	210.84	0.358	-0.183
140.0	8.452	33.617	26.123	190.62	0.398	-0.210
160.0	8.194	33.805	26.309	173.26	0.434	-0.101
180.0	8.056	33.926	26.425	162.59	0.468	-0.026
200.0	7.858	33.972	26.491	156.61	0.500	-0.018
250.0	7.635	34.078	26.607	146.40	0.575	0.032
300.0	6.729	34.031	26.696	138.23	0.646	-0.132
350.0	6.303	34.082	26.793	129.49	0.713	-0.148
400.0	5.777	34.088	26.864	122.96	0.776	-0.210
450.0	5.201	34.086	26.931	116.67	0.836	-0.281
500.0	4.919	34.129	26.998	110.63	0.893	-0.280
550.0	4.846	34.190	27.055	105.74	0.947	-0.240
600.0	4.877	34.262	27.110	101.26	0.999	-0.180
650.0	4.656	34.271	27.142	98.44	1.049	-0.198
700.0	4.622	34.314	27.180	95.34	1.097	-0.168
750.0	4.582	34.369	27.229	91.26	1.144	-0.130
800.0	4.443	34.398	27.267	87.91	1.188	-0.122
1000.0	3.874	34.469	27.384	77.65	1.354	-0.126
1200.0	3.429	34.511	27.463	70.83	1.502	-0.138
1400.0	2.929	34.539	27.532	64.21	1.637	-0.162
1600.0	2.594	34.567	27.585	59.34	1.760	-0.170
1800.0	2.272	34.593	27.634	54.59	1.874	-0.176
2000.0	2.050	34.615	27.670	51.21	1.980	-0.178
2200.0	1.920	34.634	27.697	49.00	2.080	-0.174
2400.0	1.834	34.643	27.711	48.00	2.177	-0.174
2600.0	1.756	34.653	27.726	46.96	2.271	-0.173
2800.0	1.700	34.659	27.737	46.45	2.365	-0.174
3000.0	1.643	34.664	27.746	45.94	2.457	-0.175
3200.0	1.606	34.667	27.752	45.81	2.549	-0.176
3400.0	1.596	34.669	27.756	46.12	2.641	-0.177
3477.3	1.570	34.670	27.759	45.87	2.676	-0.178

STATION: 18 DATE: 10/28/90 1630 GMT

LAT: 36 20.1 N. LON: 123 1.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	16.230	33.091	24.228	368.27	0.000	0.898
5.0	16.196	33.094	24.238	367.48	0.018	0.892
10.0	15.980	33.086	24.281	363.55	0.037	0.836
15.0	15.772	33.086	24.329	359.18	0.055	0.788
20.0	15.548	33.085	24.377	354.69	0.073	0.735
25.0	15.290	33.085	24.434	349.41	0.090	0.676
30.0	15.187	33.088	24.460	347.14	0.108	0.655
40.0	14.137	32.990	24.607	333.29	0.142	0.346
50.0	12.499	32.857	24.832	311.98	0.174	-0.099
60.0	11.693	32.855	24.982	297.87	0.204	-0.258
70.0	10.982	32.869	25.121	284.79	0.234	-0.380
80.0	10.302	32.930	25.287	269.17	0.261	-0.453
100.0	9.457	33.070	25.536	245.74	0.312	-0.486
120.0	9.191	33.356	25.803	220.75	0.359	-0.301
140.0	8.852	33.566	26.021	200.36	0.401	-0.188
160.0	8.419	33.680	26.177	185.82	0.440	-0.166
180.0	8.142	33.819	26.328	171.78	0.475	-0.097
200.0	8.022	33.896	26.407	164.63	0.509	-0.054
250.0	7.538	33.987	26.549	151.80	0.587	-0.054
300.0	7.180	34.060	26.658	142.15	0.661	-0.047
350.0	6.677	34.084	26.745	134.27	0.730	-0.097
400.0	5.868	34.044	26.818	127.42	0.795	-0.234
450.0	5.881	34.142	26.895	120.89	0.858	-0.155
500.0	5.119	34.114	26.964	114.11	0.917	-0.269
550.0	4.867	34.150	27.021	108.97	0.972	-0.269
600.0	4.677	34.203	27.085	103.29	1.025	-0.249
650.0	4.563	34.251	27.136	98.82	1.076	-0.224
700.0	4.462	34.306	27.191	94.03	1.124	-0.192
750.0	4.452	34.357	27.233	90.57	1.170	-0.153
800.0	4.286	34.382	27.271	87.24	1.215	-0.151
1000.0	3.849	34.466	27.384	77.57	1.379	-0.131
1200.0	3.375	34.514	27.470	69.97	1.526	-0.140
1400.0	2.924	34.540	27.534	64.07	1.660	-0.162
1600.0	2.617	34.566	27.582	59.69	1.784	-0.169
1800.0	2.296	34.591	27.630	55.04	1,898	-0.176
2000.0	2.064	34.614	27.668	51.42	2.005	-0.177
2200.0	1.930	34.635	27.696	49.07	2.105	-0.172
2400.0	1.827	34.645	27.714	47.76	2.202	-0.173
2600.0	1.751	34.655	27.728	46.75	2.296	-0.172
2800.0	1.691	34.661	27.739	46.18	2.389	-0.173
3000.0	1.637	34.666	27.748	45.71	2.481	-0.174
3200.0	1.597	34.669	27.755	45.53	2.572	-0.175
3400.0	1.580	34.671	27.759	45.73	2.663	-0.176
3575.4	1.553	34.673	27.764	45.68	2.743	-0.178

STATION: 19 DATE: 10/29/90 0630 GMT

LAT: 36 15.6 N. LON: 123 10.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	17.664	32.922	23.763	412.61	0.000	1.111
5.0	17.616	32.962	23.806	408.73	0.021	1.131
10.0	17.619	32.972	23.813	408.20	0.041	1.139
15.0	17.617	32.982	23.821	407.60	0.061	1.146
20.0	17.624	32.990	23.826	407.30	0.082	1.154
25.0	17.643	33.009	23.836	406.50	0.102	1.174
30.0	17.663	33.046	23.860	404.42	0.122	1.208
40.0	17.700	33.131	23.916	399.37	0.163	1.283
50.0	17.520	33.125	23.955	396.00	0.202	1.233
60.0	13.673	32.934	24.659	328.85	0.240	0.203
70.0	12.060	32.878	24.932	302.94	0.271	-0.170
80.0	11.888	32.998	25.058	291.22	0.301	-0.107
100.0	9.774	32.932	25.377	260.91	0.357	-0.543
120.0	8.926	33.121	25.661	234.13	0.406	-0.531
140.0	8.906	33.360	25.851	216.50	0.451	-0.344
160.0	8.867	33.649	26.084	194.80	0.492	-0.120
180.0	8.508	33.795	26.254	178.90	0.529	-0.060
200.0	8.202	33.854	26.348	170.33	0.564	-0.060
250.0	7.617	33.971	26.525	154.11	0.644	-0.055
300.0	6.949	33.992	26.636	144.06	0.719	-0.133
350.0	6.369	34.009	26.727	135.76	0.789	-0.197
400.0	5.925	34.051	26.816	127.61	0.855	-0.221
450.0	5.414	34.052	26.880	121.71	0.917	-0.282
500.0	5.167	34.091	26.940	116.40	0.976	-0.281
550.0	4.968	34.134	26.997	111.35	1.033	-0.271
600.0	4.723	34.187	27.067	105.02	1.087	-0.257
650.0	4.597	34.242	27.125	99.91	1.139	-0.227
700.0	4.480	34.290	27.176	95.43	1.188	-0.202
750.0	4.364	34.323	27.215	92.08	1.234	-0.189
800.0	4.255	34.357	27.254	88.73	1.280	-0.174
1000.0	3.857	34.468	27.385	77.52	1.445	-0.129
1200.0	3.285	34.501	27.468	69.87	1.591	-0.159
1400.0	2.908	34.538	27.534	64.03	1.726	-0.164
1600.0	2.608	34.568	27.585	59.43	1.849	-0.168
1800.0	2.277	34.593	27.633	54.65	1.963	-0.176
2000.0	2.065	34.614	27.668	51.45	2.068	-0.177
2200.0	1.915	34.631	27.694	49.16	2.169	-0.176
2400.0	1.830	34.641	27.710	48.10	2.266	-0.176
2600.0	1.753	34.653	27.727	46.92	2.361	-0.173
2800.0	1.693	34.660	27.738	46.28	2.454	-0.173
3000.0	1.635	34.667	27.749	45.61	2.545	-0.173
3200.0	1.589	34.670	27.756	45.35	2.636	-0.175
3273.5	1.583	34.671	27.758	45.40	2.670	-0.175

STATION: 20 DATE: 10/29/90 0930 GMT

LAT: 36 7.2 N. LON: 123 29.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	17.949	33.184	23.895	400.05	0.000	1.388
5.0	17.934	33.185	23.899	399.81	0.020	1.385
10.0	17.938	33.184	23.898	400.10	0.040	1.385
15.0	17.940	33.184	23.898	400.32	0.060	1.385
20.0	17.940	33.183	23.897	400.52	0.080	1.384
25.0	17.942	33.182	23.896	400.79	0.100	1.384
30.0	17.941	33.182	23.897	400.92	0.120	1.383
40.0	17.942	33.181	23.896	401.32	0.160	1.382
50.0	17.873	33.173	23.907	400.58	0.200	1.359
60.0	14.174	32.987	24.598	334.75	0.238	0.352
70.0	12.467	32.888	24.863	309.56	0.270	-0.081
80.0	11.908	32.910	24.985	298.09	0.301	-0.174
100.0	10.973	32.933	25.173	280.51	0.358	-0.331
120.0	9.356	32.926	25.440	255.24	0.412	-0.618
140.0	8.771	33.092	25.662	234.35	0.461	-0.580
160.0	8.674	33.371	25.896	212.52	0.506	-0.372
180.0	8.428	33.600	26.113	192.22	0.546	-0.228
200.0	8.308	33.781	26.274	177.35	0.583	-0.103
250.0	7.831	33.975	26.498	156.85	0.666	-0.021
300.0	7.124	33.994	26.614	146.27	0.741	-0.107
350.0	6.580	34.012	26.702	138.32	0.812	-0.167
400.0	6.064	34.027	26.781	131.13	0.880	-0.222
450.0	5.604	34.045	26.851	124.64	0.943	-0.266
500.0	5.183	34.074	26.925	117.82	1.004	-0.293
550.0	4.963	34.115	26.983	112.70	1.061	-0.286
600.0	4.767	34.179	27.056	106.13	1.116	-0.258
650.0	4.610	34.226	27.111	101.25	1.168	-0.238
700.0	4.493	34.280	27.167	96.33	1.217	-0.209
750.0	4.415	34.325	27.212	92.54	1.265	-0.182
800.0	4.304	34.360	27.252	89.09	1.310	-0.167
1000.0	3.714	34.449	27.384	77.24	1.476	-0.158
1200.0	3.254	34.504	27.474	69.29	1.622	-0.159
1400.0	2.931	34.548	27.540	63.55	1.755	-0.155
1600.0	2.547	34.571	27.592	58.48	1.877	-0.170
1800.0	2.271	34.597	27.637	54.29	1.989	-0.173
2000.0	2.049	34.616	27.671	51.08	2.094	-0.176
2200.0	1.914	34.635	27.698	48.85	2.194	-0.173
2400.0	1.821	34.645	27.714	47.69	2.290	-0.173
2600.0	1.744	34.655	27.729	46.65	2.385	-0.172
2800.0	1.681	34.663	27.741	45.89	2.477	-0.172
3000.0	1.636	34.667	27.749	45.62	2.569	-0.173
3200.0	1.602	34.670	27.755	45.53	2.660	-0.174
3400.0	1.574	34.673	27.761	45.50	2.751	-0.175
3589.8	1.534	34.676	27.767	45.22	2.837	-0.177

STATION: 21 DATE: 10/30/90 0400 GMT

LAT: 35 57.3 N. LON: 123 50.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	16.958	32.938	23.943	395.48	0.000	0.951
5.0	16.957	32.978	23.974	392.68	0.020	0.982
10.0	16.954	33.015	24.003	390.08	0.039	1.010
15.0	16.954	33.030	24.015	389.12	0.059	1.022
20.0	16.953	33.040	24.023	388.53	0.078	1.029
25.0	16.936	33.044	24.030	387.99	0.098	1.028
30.0	16.917	33.050	24.040	387.25	0.117	1.028
40.0	15.647	33.028	24.312	361.49	0.155	0.712
50.0	14.279	33.024	24.605	333.84	0.190	0.404
60.0	13.579	33.108	24.814	314.10	0.222	0.321
70.0	13.334	33.097	24.855	310.46	0.253	0.261
80.0	12.462	33.031	24.975	299.19	0.284	0.031
100.0	11.638	33.168	25.236	274.67	0.341	-0.019
120.0	10.926	33.319	25.483	251.60	0.394	-0.032
140.0	9.749	33.454	25.790	222.60	0.441	-0.130
160.0	10.057	33.712	25.940	208.84	0.485	0.127
180.0	8.873	33.651	26.085	195.10	0.525	-0.118
200.0	9.411	33.883	26.181	186.59	0.564	0.153
250.0	8.539	34.010	26.419	164.64	0.651	0.114
300.0	8.272	34.127	26.552	152.85	0.730	0.164
350.0	7.716	34.141	26.646	144.48	0.805	0.092
400.0	6.615	34.036	26.717	137.69	0.875	-0.144
450.0	6.254	34.067	26.788	131.29	0.942	-0.167
500.0	5.959	34.134	26.879	123.11	1.006	-0.152
550.0	5.498	34.161	26.957	115.83	1.065	-0.188
600.0	5.236	34.209	27.027	109.57	1.122	-0.181
650.0	4.917	34.223	27.075	105.13	1.175	-0.207
700.0	4.724	34.268	27.132	99.97	1.226	-0.193
750.0	4.504	34.297	27.180	95.65	1.275	-0.194
800.0	4.395	34.336	27.223	91.97	1.322	-0.176
1000.0	3.788	34.434	27.365	79.20	1.493	-0.162
1200.0	3.320	34.493	27.459	70.87	1.642	-0.162
1400.0	2.921	34.531	27.527	64.68	1.778	-0.169
1600.0	2.569	34.565	27.586	59.17	1.901	-0.173
1800.0	2.274	34.592	27.633	54.71	2.014	-0.177
2000.0	2.064	34.618	27.671	51.14	2.120	-0.174
2200.0	1.923	34.637	27.698	48.84	2.220	-0.171
2400.0	1.828	34.646	27.714	47.71	2.316	-0.172
2600.0	1.753	34.658	27.730	46.59	2.410	-0.170
2800.0	1.690	34.663	27.741	46.02	2.503	-0.171
3000.0	1.638	34.667	27.749	45.65	2.595	-0.173
3200.0	1.600	34.670	27.755	45.50	2.686	-0.174
3400.0	1.567	34.672	27.761	45.47	2.777	-0.176
3600.0	1.534	34.675	27.767	45.31	2.868	-0.178
3800.0	1.514	34.676	27.771	45.47	2.958	-0.180
3892.0	1.483	34.680	27.776	44.97	3.000	-0.179

STATION: 22 DATE: 10/30/90 0753 GMT

LAT: 35 46.0 N. LON: 124 13.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	16.835	33.070	24.073	383.09	0.000	1.026
5.0	16.832	33.070	24.074	383.16	0.019	1.025
10.0	16.828	33.069	24.074	383.30	0.038	1.023
15.0	16.829	33.067	24.073	383.61	0.057	1.021
20.0	16.826	33.066	24.073	383.74	0.077	1.019
25.0	16.664	33.059	24.106	380.79	0.096	0.975
30.0	16.550	33.052	24.126	378.96	0.115	0.942
40.0	16.146	33.030	24.202	372.04	0.152	0.829
50.0	15.132	33.053	24.445	349.13	0.189	0.615
60.0	12.953	33.051	24.895	306.38	0.222	0.146
70.0	12.154	33.093	25.081	288.78	0.252	0.021
80.0	11.839	33.214	25.235	274.40	0.280	0.056
100.0	11.472	33.478	25.508	248.86	0.332	0.196
120.0	11.131	33.515	25.599	240.63	0.380	0.162
140.0	10.122	33.459	25.731	228.24	0.427	-0.063
160.0	9.712	33.644	25.945	208.31	0.471	0.014
180.0	9.429	33.798	26.112	192.79	0.511	0.089
200.0	9.024	33.924	26.275	177.52	0.548	0.123
250.0	8.761	34.086	26.445	162.39	0.633	0.208
300.0	8.076	34.110	26.568	151.21	0.711	0.121
350.0	7.427	34.114	26.666	142.36	0.785	0.029
400.0	6.898	34.126	26.750	134.85	0.854	-0.035
450.0	6.910	34.194	26.802	130.73	0.920	0.019
500.0	6.214	34.183	26.886	122.80	0.984	-0.081
550.0	5.780	34.215	26.966	115.40	1.043	-0.111
600.0	5.523	34.241	27.018	110.82	1.100	-0.122
650.0	5.192	34.279	27.088	104.35	1.154	-0.131
700.0	5.110	34.318	27.129	100.97	1.205	-0.110
750.0	4.708	34.324	27.179	96.10	1.254	-0.151
800.0	4.530	34.365	27.232	91.39	1.301	-0.138
1000.0	4.018	34.444	27.350	81.19	1.474	-0.131
1200.0	3.413	34.495	27.452	71.81	1.626	-0.151
1400.0	3.015	34.536	27.522	65.47	1.763	-0.157
1600.0	2.661	34.566	27.578	60.24	1.889	-0.165
1800.0	2.343	34.590	27.626	55.65	2.005	-0.173
2000.0	2.090	34.610	27.663	52.01	2.112	-0.178
2200.0	1.927	34.627	27.691	49.58	2.214	-0.178
2400.0	1.813	34.641	27.711	47.87	2.311	-0.177
2600.0	1.735	34.652	27.727	46.75	2.405	-0.175
2800.0	1.671	34.662	27.741	45.87	2.498	-0.173
3000.0	1.627	34.666	27.749	45.57	2.589	-0.174
3200.0	1.596	34.669	27.755	45.50	2.680	-0.175
3400.0	1.563	34.673	27.762	45.35	2.771	-0.176
3600.0	1.531	34.676	27.768	45.21	2.861	-0.177
3800.0	1.511	34.677	27.772	45.35	2.952	-0.179
4000.3	1.486	34.680	27.777	45.30	3.043	-0.180

STATION: 26 DATE: 10/31/90 0953 GMT

LAT: 36 36.6 N. LON: 122 9.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
0.0	14.022	33.256	24.836	310.41	0.000	0.534
5.0	13.914	33.250	24.853	308.89	0.016	0.506
10.0	13.175	33.207	24.970	297.86	0.031	0.318
15.0	13.095	33.205	24.985	296.60	0.046	0.299
20.0	13.020	33.197	24.994	295.92	0.060	0.277
25.0	12.552	33.135	25.037	291.87	0.075	0.134
30.0	12.389	33.156	25.085	287.49	0.090	0.118
40.0	12.495	33.259	25.144	282.05	0.118	0.221
50.0	10.557	32.989	25.289	268.39	0.146	-0.360
60.0	10.150	33.064	25.417	256.37	0.172	-0.372
70.0	9.780	33.188	25.576	241.43	0.197	-0.336
80.0	10.078	33.332	25.639	235.72	0.220	-0.170
100.0	10.144	33.520	25.774	223.29	0.267	-0.010
120.0	9.384	33.512	25.894	212.15	0.311	-0.145
140.0	9.476	33.723	26.045	198.34	0.352	0.038
160.0	9.363	33.844	26.158	188.00	0.390	0.115
180.0	9.172	33.907	26.238	180.72	0.427	0.133
200.0	8.939	33.967	26.322	173.05	0.463	0.143
250.0	8.276	34.072	26.508	156.13	0.544	0.122
300.0	7.559	34.090	26.628	145.24	0.620	0.030
350.0	6.756	34.065	26.720	136.73	0.689	-0.102
400.0	6.338	34.067	26.777	131.74	0.756	-0.156
450.0	6.298	34.148	26.847	125.87	0.820	-0.098
500.0	6.067	34.209	26.925	118.96	0.881	-0.080
550.0	5.619	34.226	26.994	112.52	0.939	-0.122
600.0	5.279	34.264	27.065	106.02	0.994	-0.133
650.0	5.147	34.303	27.112	102.04	1.046	-0.118
700.0	4.943	34.347	27.171	96.78	1.096	-0.107
750.0	4.750	34.370	27.211	93.23	1.143	-0.110
800.0	4.457	34.392	27.261	88.53	1.188	-0.125
1000.0	3.853	34.454	27.375	78.51	1.354	-0.140
1200.0	3.404	34.503	27.459	71.12	1.504	-0.146
1400.0	2.951	34.543	27.534	64.18	1.639	-0.157
1600.0	2.591	34.570	27.588	59.09	1.762	-0.167
1800.0	2.334	34.590	27.627	55.56	1.876	-0.174
2000.0	2.061	34.613	27.668	51.47	1.984	-0.178
2195.0	1.915	34.630	27.694	49.21	2.081	-0.177

STATION: 0 DATE: 12/13/90 0023 GMT

LAT: 36 33.5 N. LON: 122 1.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.472	33.395	25.056	289.57	0.013	0.528
5.0	13.472	33.395	25.056	289.55	0.014	0.528
10.0	13.452	33.397	25.062	289.18	0.029	0.525
15.0	13.336	33.394	25.083	287.30	0.043	0.499
20.0	13.282	33.395	25.095	286.28	0.058	0.489
25.0	13.259	33.396	25.100	285.90	0.072	0.484
30.0	13.144	33.389	25.117	284.40	0.086	0.454
40.0	13.120	33.397	25.129	283.58	0.115	0.456
50.0	13.020	33.399	25.150	281.79	0.143	0.437
60.0	12.778	33.404	25.203	277.07	0.171	0.392
70.0	12.484	33.427	25.277	270.19	0.198	0.351
80.0	12.194	33.437	25.341	264.36	0.225	0.302
100.0	11.759	33.467	25.447	254.73	0.277	0.242
120.0	10.202	33.650	25.866	215.02	0.324	0.103
140.0	9.709	33.754	26.031	199.72	0.365	0.102
160.0	9.290	33.861	26.183	185.60	0.404	0.116
180.0	9.011	33.925	26.278	176.91	0.440	0.121
200.0	8.350	34.036	26.467	159.06	0.474	0.106
250.0	7.788	34.086	26.591	147.98	0.550	0.061
300.0	7.409	34.126	26.678	140.42	0.622	0.037
350.0	7.056	34.152	26.748	134.37	0.691	0.008
400.0	6.682	34.166	26.810	128.99	0.757	-0.033
450.0	6.355	34.167	26.855	125.17	0.820	-0.075
500.0	5.819	34.207	26.954	115.89	0.881	-0.112
550.0	5.551	34.241	27.014	110.53	0.938	-0.118
600.0	5.423	34.262	27.047	107.97	0.993	-0.117
650.0	5.260	34.286	27.085	104.73	1.046	-0.118
700.0	5.090	34.310	27.125	101.34	1.097	-0.119
750.0	4.863	34.341	27.175	96.75	1.147	-0.121
799.9	4.646	34.367	27.221	92.68	1.194	-0.125

STATION: 1 DATE: 12/13/90 0300 GMT

LAT: 36 20.0 N. LON: 121 56.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.032	33.402	25.149	280.67	0.013	0.443
5.0	13.032	33.402	25.149	280.68	0.014	0.443
10.0	13.032	33.402	25.150	280.81	0.028	0.443
15.0	13.028	33.402	25.150	280.85	0.042	0.442
20.0	13.028	33.402	25.151	280.96	0.056	0.442
25.0	13.029	33.402	25.151	281.10	0.070	0.442
30.0	13.030	33.402	25.151	281.25	0.084	0.442
40.0	13.032	33.402	25.150	281.53	0.112	0.442
50.6	12.837	33.406	25.192	277.82	0.142	0.405

STATION: 2 DATE: 12/13/90 0341 GMT

LAT: 36 20.0 N. LON: 121 59.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.098	33.384	25.122	283.24	0.013	0.442
5.0	13.098	33.384	25.123	283.23	0.014	0.442
10.0	13.097	33.384	25.123	283.35	0.028	0.442
15.0	13.101	33.384	25.122	283.55	0.042	0.442
20.0	13.108	33.384	25.121	283.81	0.057	0.444
25.0	13.110	33.384	25.121	283.97	0.071	0.444
30.0	13.001	33.381	25.140	282.25	0.085	0.419
40.0	12.252	33.351	25.263	270.79	0.113	0.246
50.0	12.090	33.389	25.322	265.35	0.139	0.244
60.0	11.935	33.410	25.368	261.22	0.166	0.231
70.0	10.950	33.548	25.655	234.06	0.190	0.156
80.0	10.742	33.573	25.712	228.86	0.214	0.138
100.7	10.594	33.605	25.763	224.45	0.260	0.137

STATION: 3 DATE: 12/13/90 0418 GMT

LAT: 36 20.1 N. LON: 122 1.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.180	33.363	25.090	286.34	0.013	0.442
5.0	13.181	33.363	25.090	286.35	0.014	0.443
10.0	13.182	33.362	25.089	286.57	0.029	0.442
15.0	13.155	33.356	25.090	286.61	0.043	0.432
20.0	13.158	33.357	25.090	286.77	0.057	0.432
25.0	13.035	33.335	25.098	286.14	0.072	0.390
30.0	12.512	33.300	25.172	279.16	0.086	0.257
40.0	12.441	33.415	25.275	269.59	0.113	0.334
50.0	12.224	33.429	25.328	264.81	0.140	0.302
60.0	11.751	33.460	25.442	254.23	0.166	0.236
70.0	11.155	33.516	25.594	239.90	0.190	0.168
80.0	11.167	33.517	25.593	240.25	0.214	0.171
100.0	10.770	33.576	25.710	229.57	0.262	0.145
120.0	10.582	33.600	25.762	225.02	0.307	0.130
126.7	10.415	33.613	25.801	221.40	0.322	0.111

STATION: 4 DATE: 12/13/90 0518 GMT

LAT: 36 20.3 N. LON: 122 5.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.786	33.363	24.967	298.02	0.013	0.568
5.0	13.787	33.363	24.967	298.07	0.015	0.568
10.0	13.786	33.363	24.967	298.17	0.030	0.568
15.0	13.771	33.363	24.971	297.99	0.045	0.565
20.0	13.486	33.349	25.018	293.59	0.060	0.494
25.0	12.987	33.272	25.057	289.97	0.074	0.331
30.0	11.825	33.157	25.192	277.22	0.088	0.009
40.0	11.756	33.280	25.301	267.13	0.115	0.094
50.0	11.580	33.306	25.353	262.35	0.142	0.081
60.0	11.316	33.345	25.432	255.09	0.168	0.062
70.0	10.984	33.420	25.550	244.07	0.192	0.061
80.0	11.053	33.523	25.618	237.88	0.217	0.155
100.0	10.794	33.585	25.712	229.32	0.263	0.156
120.0	10.259	33.659	25.863	215.31	0.307	0.120
140.0	9.763	33.753	26.021	200.71	0.349	0.109
160.0	9.698	33.761	26.038	199.43	0.389	0.105
180.0	9.642	33.775	26.059	197.90	0.428	0.106
200.0	9.155	33.903	26.238	181.12	0.466	0.127
250.0	8.204	34.079	26.524	154.53	0.548	0.117
300.0	7.861	34.097	26.590	149.05	0.624	0.079
321.0	7.724	34.106	26.617	146.74	0.654	0.066

STATION: 5 DATE: 12/13/90 0606 GMT

LAT: 36 20.0 N. LON: 122 8.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	14.052	33.345	24.898	304.58	0.014	0.610
5.0	14.052	33.345	24.898	304.60	0.015	0.611
10.0	14.061	33.344	24.896	304.97	0.030	0.611
15.0	14.057	33.344	24.897	305.03	0.046	0.611
20.0	14.041	33.346	24.902	304.64	0.061	0.609
25.0	13.860	33.366	24.955	299.77	0.076	0.586
30.0	13.780	33.376	24.979	297.59	0.091	0.577
40.0	13.174	33.294	25.038	292.19	0.121	0.385
50.0	11.702	33.232	25.273	270.01	0.149	0.045
60.0	11.079	33.263	25.410	257.11	0.175	-0.047
70.0	10.480	33.278	25.528	246.13	0.200	-0.143
80.0	10.293	33.404	25.658	233.94	0.224	-0.076
100.0	9.906	33.554	25.841	216.96	0.269	-0.024
120.0	9.659	33.719	26.011	201.12	0.311	0.066
140.0	9.295	33.848	26.172	186.26	0.350	0.107
160.0	9.126	33.920	26.255	178.68	0.386	0.136
180.0	8.927	33.959	26.318	173.10	0.422	0.135
200.0	8.738	33.988	26.370	168.43	0.456	0.127
250.0	8.361	34.072	26.495	157.42	0.537	0.135
300.0	7.905	34.098	26.584	149.60	0.614	0.087
350.0	7.361	34.134	26.692	139.92	0.687	0.036
400.0	6.880	34.170	26.787	131.35	0.755	-0.003
450.0	6.462	34.190	26.858	124.94	0.819	-0.044
500.0	5.912	34.228	26.959	115.52	0.879	-0.084
550.0	5.600	34.251	27.016	110.46	0.936	-0.105
600.0	5.451	34.267	27.047	107.95	0.991	-0.110
650.0	5.350	34.279	27.069	106.34	1.044	-0.113
659.6	5.319	34.282	27.075	105.85	1.054	-0.114

STATION: 6 DATE: 12/13/90 0706 GMT

LAT: 36 20.1 N. LON: 122 12.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.684	33.376	24.998	295.07	0.013	0.557
5.0	13.683	33.376	24.998	295.08	0.015	0.557
10.0	13.694	33.377	24.997	295.34	0.030	0.560
15.0	13.695	33.376	24.996	295.53	0.044	0.559
20.0	13.676	33.380	25.004	294.98	0.059	0.558
25.0	13.662	33.382	25.008	294.73	0.074	0.557
30.0	13.654	33.382	25.009	294.72	0.089	0.555
40.0	13.434	33.384	25.056	290.56	0.118	0.510
50.0	12.000	33.310	25.279	269.49	0.146	0.165
60.0	11.268	33.230	25.351	262.81	0.172	-0.039
70.0	10.572	33.221	25.467	251.87	0.198	-0.172
80.0	10.265	33.339	25.613	238.24	0.223	-0.132
100.0	9.859	33.473	25.786	222.15	0.269	-0.096
120.0	9.461	33.666	26.002	201.94	0.311	-0.010
140.0	9.302	33.796	26.130	190.24	0.351	0.067
160.0	9.020	33.918	26.271	177.14	0.388	0.118
180.0	8.720	33.941	26.336	171.25	0.422	0.088
200.0	8.661	34.016	26.405	165.14	0.456	0.138
250.0	8.106	34.090	26.547	152.32	0.535	0.111
300.0	7.433	34.126	26.674	140.78	0.608	0.040
350.0	7.089	34.142	26.735	135.60	0.676	0.004
400.0	6.747	34.173	26.807	129.31	0.742	-0.018
450.0	6.461	34.178	26.849	125.78	0.806	-0.053
500.0	6.117	34.210	26.919	119.55	0.868	-0.073
550.0	5.957	34.230	26.956	116.56	0.926	-0.077
600.0	5.546	34.262	27.032	109.52	0.983	-0.103
650.0	5.159	34.288	27.098	103.31	1.035	-0.128
700.0	5.033	34.313	27.134	100.38	1.086	-0.123
750.0	4.835	34.339	27.177	96.56	1.136	-0.125
800.0	4.661	34.378	27.228	92.04	1.183	-0.114
914.1	4.280	34.420	27.303	85.39	1.284	-0.123

STATION: 7 DATE: 12/13/90 0753 GMT

LAT: 36 20.0 N. LON: 122 15.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.931	33.335	24.916	302.92	0.014	0.577
5.0	13.932	33.335	24.915	302.96	0.015	0.577
10.0	13.940	33.335	24.914	303.24	0.030	0.579
15.0	13.941	33.335	24.914	303.39	0.045	0.579
20.0	13.941	33.335	24.914	303.52	0.061	0.579
25.0	13.940	33.335	24.914	303.63	0.076	0.578
30.0	13.934	33.335	24.916	303.64	0.091	0.577
40.0	13.842	33.334	24.934	302.16	0.121	0.556
50.0	13.629	33.319	24.967	299.33	0.151	0.499
60.0	13.016	33.287	25.065	290.21	0.181	0.347
70.0	11.922	33.221	25.225	275.11	0.209	0.078
80.0	10.465	33.195	25.466	252.21	0.236	-0.212
100.0	9.897	33.403	25.724	227.99	0.283	-0.146
120.0	9.415	33.638	25.988	203.32	0.326	-0.039
140.0	9.220	33.814	26.157	187.60	0.365	0.068
160.0	8.683	33.877	26.291	175.10	0.402	0.032
180.0	8.769	33.982	26.361	168.94	0.436	0.129
200.0	8.626	34.007	26.403	165.30	0.469	0.125
250.0	8.083	34.071	26.536	153.35	0.548	0.093
300.0	7.632	34.123	26.643	143.82	0.622	0.066
350.0	6.896	34.150	26.768	132.36	0.691	-0.016
400.0	6.522	34.158	26.825	127.43	0.757	-0.060
450.0	6.161	34.196	26.902	120.49	0.819	-0.077
500.0	5.964	34.222	26.948	116.66	0.878	-0.082
550.0	5.678	34.228	26.988	113.15	0.935	-0.113
600.0	5.446	34.270	27.051	107.63	0.989	-0.108
650.0	5.254	34.274	27.077	105.51	1.043	-0.128
700.0	4.868	34.309	27.149	98.65	1.094	-0.145
750.0	4.804	34.340	27.181	96.08	1.143	-0.128
800.0	4.674	34.376	27.225	92.35	1.189	-0.114
912.0	4.249	34.416	27.303	85.29	1.289	-0.129

STATION: 8 DATE: 12/13/90 1053 GMT

LAT: 36 20.1 N. LON: 122 19.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	14.135	33.353	24.887	305.63	0.014	0.635
5.0	14.136	33.353	24.887	305.66	0.015	0.635
10.0	14.136	33.353	24.887	305.80	0.031	0.635
15.0	14.134	33.353	24.888	305.88	0.046	0.634
20.0	14.134	33.353	24.888	306.02	0.061	0.634
25.0	14.139	33.353	24.887	306.25	0.076	0.635
30.0	14.143	33.353	24.886	306.45	0.092	0.635
40.0	14.144	33.353	24.886	306.73	0.122	0.635
50.0	13.322	33.313	25.024	293.86	0.153	0.431
60.0	11.164	33.241	25.378	260.22	0.181	-0.048
70.0	10.194	33.285	25.582	240.93	0.206	-0.188
80.0	9.833	33.346	25.690	230.80	0.229	-0.202
100.0	9.379	33.564	25.935	207.87	0.274	-0.104
120.0	9.232	33.668	26.040	198.26	0.314	-0.046
140.0	9.113	33.720	26.100	192.93	0.353	-0.024
160.0	8.810	33.871	26.267	177.48	0.390	0.047
180.0	8.428	33.935	26.376	167.35	0.425	0.038
200.0	8.240	33.989	26.447	160.91	0.458	0.052
250.0	7.827	34.087	26.586	148.50	0.536	0.067
300.0	7.337	34.118	26.682	140.00	0.608	0.021
350.0	7.043	34.155	26.752	133.95	0.676	0.008
400.0	6.503	34.159	26.828	127.07	0.741	-0.062
450.0	6.230	34.179	26.880	122.65	0.803	-0.082
500.0	5.888	34.217	26.953	116.06	0.863	-0.096
550.0	5.771	34.241	26.988	113.34	0.920	-0.091
600.0	5.318	34.270	27.065	106.04	0.975	-0.123
650.0	5.067	34.294	27.114	101.70	1.027	-0.134
700.0	4.855	34.325	27.163	97.32	1.077	-0.134
750.0	4.776	34.340	27.184	95.79	1.125	-0.131
800.0	4.578	34.391	27.247	90.06	1.171	-0.113
962.1	3.719	34.473	27.403	75.22	1.300	-0.138

STATION: 9 DATE: 12/13/90 1200 GMT

LAT: 36 20.0 N. LON: 122 22.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	14.120	33.354	24.891	305.26	0.014	0.632
5.0	14.121	33.354	24.891	305.32	0.015	0.632
10.0	14.126	33.354	24.890	305.52	0.031	0.633
15.0	14.130	33.353	24.889	305.81	0.046	0.633
20.0	14.132	33.352	24.888	306.05	0.061	0.633
25.0	14.134	33.352	24.887	306.22	0.076	0.633
30.0	14.137	33.352	24.887	306.40	0.092	0.633
40.0	14.137	33.352	24.887	306.66	0.122	0.633
50.0	13.888	33.328	24.920	303.78	0.153	0.561
60.0	12.681	33.203	25.066	290.08	0.183	0.213
70.0	10.724	33.152	25.387	259.50	0.210	-0.200
80.0	10.327	33.257	25.538	245.35	0.235	-0.187
100.0	9.475	33.494	25.865	214.53	0.280	-0.144
120.0	9.148	33.681	26.064	195.96	0.321	-0.049
140.0	8.961	33.767	26.162	187.08	0.359	-0.011
160.0	8.583	33.891	26.318	172.55	0.395	0.028
180.0	8.325	33.949	26.403	164.77	0.429	0.034
200.0	8.234	34.016	26.469	158.83	0.461	0.072
250.0	7.729	34.074	26.590	148.02	0.538	0.043
300.0	7.420	34.133	26.682	140.05	0.611	0.045
350.0	7.018	34.148	26.749	134.18	0.679	-0.001
400.0	6.636	34.160	26.812	128.76	0.745	-0.043
450.0	6.280	34.201	26.891	121.70	0.807	-0.058
500.0	5.854	34.216	26.957	115.67	0.867	-0.101
550.0	5.597	34.242	27.010	111.05	0.923	-0.112
600.0	5.315	34.266	27.063	106.29	0.978	-0.127
650.0	5.069	34.288	27.109	102.18	1.030	-0.138
700.0	4.866	34.337	27.172	96.56	1.080	-0.123
750.0	4.733	34.362	27.206	93.61	1.128	-0.119
800.0	4.611	34.382	27.236	91.12	1.174	-0.116
1000.0	3.921	34.455	27.368	79.24	1.342	-0.132
1162.5	3.535	34.489	27.435	73.43	1.466	-0.144

STATION: 10 DATE: 12/13/90 1518 GMT

LAT: 36 20.1 N. LON: 122 25.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	14.075	33.351	24.898	304.59	0.014	0.620
5.0	14.075	33.351	24.898	304.61	0.015	0.620
10.0	14.077	33.351	24.898	304.78	0.030	0.621
15.0	14.082	33.351	24.897	305.00	0.046	0.621
20.0	14.082	33.350	24.896	305.20	0.061	0.620
25.0	14.084	33.350	24.896	305.36	0.076	0.621
30.0	14.085	33.350	24.896	305.51	0.092	0.621
40.0	14.077	33.350	24.898	305.61	0.122	0.619
50.0	13.694	33.323	24.957	300.30	0.153	0.517
60.0	10.555	33.121	25.392	258.79	0.181	-0.255
70.0	10.100	33.238	25.561	242.90	0.206	-0.242
80.0	9.923	33.301	25.640	235.57	0.230	-0.222
100.0	9.473	33.501	25.871	214.00	0.274	-0.138
120.0	9.105	33.707	26.092	193.35	0.315	-0.035
140.0	8.812	33.835	26.238	179.83	0.352	0.019
160.0	8.494	33.929	26.361	168.46	0.387	0.044
180.0	8.452	34.022	26.441	161.23	0.420	0.111
200.0	8.268	34.048	26.490	156.93	0.452	0.103
250.0	7.672	34.107	26.624	144.80	0.527	0.060
300.0	7.180	34.127	26.710	137.19	0.598	0.006
350.0	6.775	34.159	26.791	130.02	0.664	-0.025
400.0	6.676	34.224	26.857	124.57	0.728	0.012
450.0	6.145	34.208	26.914	119.37	0.789	-0.070
500.0	5.810	34.230	26.973	114.06	0.848	-0.095
550.0	5.627	34.245	27.008	111.21	0.904	-0.106
600.0	5.401	34.252	27.041	108.44	0.959	-0.128
650.0	5.144	34.284	27.097	103.41	1.012	-0.133
700.0	4.987	34.326	27.149	98.88	1.062	-0.118
750.0	4.739	34.358	27.203	93.98	1.110	-0.121
800.0	4.541	34.382	27.244	90.27	1.157	-0.124
1000.0	4.005	34.441	27.349	81.29	1.327	-0.135
1200.0	3.431	34.494	27.449	72.10	1.480	-0.151
1400.0	3.093	34.525	27.507	67.18	1.620	-0.158
1600.0	2.800	34.550	27.554	63.03	1.751	-0.165
1627.3	2.746	34.554	27.562	62.27	1.768	-0.167

STATION: 11 DATE: 12/13/90 1641 GMT

LAT: 36 20.1 N. LON: 122 28.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.999	33.338	24.904	304.04	0.014	0.594
5.0	13.999	33.338	24.904	304.07	0.015	0.593
10.0	14.004	33.336	24.902	304.41	0.030	0.593
15.0	14.004	33.337	24.902	304.48	0.046	0.594
20.0	14.005	33.337	24.902	304.63	0.061	0.594
25.0	14.008	33.336	24.901	304.90	0.076	0.593
30.0	14.008	33.336	24.901	305.02	0.091	0.593
40.0	14.007	33.336	24.902	305.25	0.122	0.593
50.0	14.009	33.336	24.902	305.55	0.152	0.593
60.0	11.728	33.216	25.256	271.85	0.182	0.038
70.0	10.235	33.174	25.489	249.79	0.208	-0.269
80.0	9.847	33.208	25.580	241.22	0.233	-0.309
100.0	9.452	33.424	25.814	219.34	0.278	-0.203
120.0	9.165	33.688	26.067	195.68	0.319	-0.040
140.0	8.742	33.846	26.258	177.91	0.356	0.017
160.0	8.709	33.912	26.315	172.89	0.391	0.064
180.0	8.425	34.023	26.446	160.75	0.425	0.108
200.0	8.142	34.052	26.511	154.81	0.456	0.087
250.0	7.839	34.125	26.614	145.86	0.531	0.099
300.0	7.204	34.126	26.706	137.59	0.602	0.008
350.0	6.864	34.181	26.797	129.58	0.669	0.004
400.0	6.473	34.192	26.858	124.25	0.732	-0.040
450.0	6.091	34.190	26.906	120.05	0.793	-0.091
500.0	5.781	34.222	26.970	114.32	0.852	-0.105
550.0	5.513	34.243	27.021	109.90	0.908	-0.121
600.0	5.271	34.269	27.070	105.55	0.962	-0.130
650.0	5.110	34.295	27.110	102.17	1.014	-0.128
700.0	4.824	34.316	27.160	97.60	1.064	-0.144
750.0	4.682	34.340	27.195	94.62	1.112	-0.141
800.0	4.515	34.374	27.240	90.56	1.158	-0.133
1000.0	3.955	34.456	27.366	79.59	1.329	-0.129
1200.0	3.403	34.495	27.452	71.71	1.479	-0.152
1400.0	3.011	34.527	27.516	66.06	1.616	-0.164
1600.0	2.708	34.555	27.566	61.58	1.743	-0.170
1800.0	2.426	34.579	27.610	57.47	1.861	-0.175
1855.6	2.280	34.592	27.633	55.03	1.892	-0.177

STATION: 12 DATE: 12/14/90 0518 GMT

LAT: 36 20.0 N. LON: 122 32.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.955	33.338	24.913	303.17	0.014	0.584
5.0	13.955	33.338	24.913	303.18	0.015	0.584
10.0	13.958	33.338	24.913	303.37	0.030	0.585
15.0	13.960	33.338	24.912	303.56	0.045	0.585
20.0	13.959	33.337	24.912	303.73	0.061	0.584
25.0	13.959	33.337	24.912	303.86	0.076	0.584
30.0	13.963	33.337	24.911	304.06	0.091	0.584
40.0	13.965	33.337	24.911	304.35	0.121	0.585
50.0	13.836	33.339	24.940	301.89	0.152	0.559
60.0	10.739	33.172	25.400	258.04	0.179	-0.181
70.0	9.887	33.155	25.532	245.61	0.204	-0.344
80.0	9.627	33.239	25.641	235.45	0.228	-0.321
100.0	9.456	33.532	25.898	211.41	0.273	-0.116
120.0	9.236	33.630	26.011	201.09	0.314	-0.075
140.0	8.831	33.795	26.204	183.08	0.352	-0.010
160.0	8.701	33.930	26.330	171.46	0.387	0.076
180.0	8.564	34.021	26.423	162.99	0.421	0.127
200.0	8.308	34.038	26.475	158.30	0.453	0.101
250.0	7.780	34.091	26.596	147.51	0.529	0.063
300.0	7.419	34.140	26.687	139.55	0.600	0.050
350.0	6.953	34.160	26.769	132.32	0.668	0.000
400.0	6.583	34.188	26.841	125.96	0.733	-0.028
450.0	5.984	34.199	26.927	117.98	0.794	-0.097
500.0	5.776	34.232	26.980	113.45	0.852	-0.097
550.0	5.444	34.255	27.038	108.16	0.907	-0.120
600.0	5.293	34.294	27.087	103.98	0.960	-0.108
650.0	4.933	34.297	27.132	99.83	1.011	-0.146
700.0	4.779	34.326	27.172	96.36	1.060	-0.142
750.0	4.634	34.353	27.210	93.08	1.107	-0.137
800.0	4.510	34.373	27.240	90.58	1.153	-0.134
1000.0	3.993	34.452	27.359	80.34	1.323	-0.128
1200.0	3.368	34.495	27.456	71.30	1.475	-0.156
1400.0	2.958	34.531	27.523	65.14	1.611	-0.166
1600.0	2.623	34.565	27.581	59.86	1.735	-0.169
1800.0	2.387	34.584	27.617	56.65	1.852	-0.174
2000.0	2.121	34.608	27.659	52.57	1.961	-0.178
2031.9	2.092	34.611	27.664	52.13	1.977	-0.178

STATION: 13 DATE: 12/14/90 0648 GMT

LAT: 36 20.0 N. LON: 122 35.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.927	33.336	24.917	302.77	0.014	0.577
5.0	13.927	33.336	24.917	302.79	0.015	0.577
10.0	13.938	33.335	24.914	303.20	0.030	0.578
15.0	13.937	33.335	24.915	303.31	0.045	0.578
20.0	13.938	33.335	24.915	303.46	0.061	0.578
25.0	13.938	33.326	24.908	304.21	0.076	0.571
30.0	13.934	33.334	24.915	303.70	0.091	0.576
40.0	13.846	33.330	24.930	302.54	0.121	0.554
50.0	10.295	33.184	25.486	249.63	0.148	-0.250
60.0	9.941	33.319	25.651	234.11	0.172	-0.204
70.0	9.765	33.371	25.721	227.62	0.196	-0.192
80.0	9.391	33.492	25.877	213.02	0.217	-0.159
100.0	9.139	33.738	26.110	191.26	0.258	-0.005
120.0	8.907	33.779	26.179	185.04	0.296	-0.010
140.0	8.790	33.906	26.297	174.18	0.331	0.072
160.0	8.721	33.988	26.372	167.47	0.366	0.126
180.0	8.501	34.017	26.430	162.33	0.399	0.114
200.0	8.251	34.047	26.491	156.75	0.430	0.100
250.0	7.924	34.112	26.592	148.01	0.506	0.101
300.0	7.326	34.137	26.698	138.47	0.578	0.034
350.0	6.800	34.164	26.792	129.98	0.645	-0.018
400.0	6.387	34.182	26.862	123.80	0.709	-0.058
450.0	6.097	34.205	26.917	118.99	0.769	-0.078
500.0	5.664	34.231	26.992	112.16	0.827	-0.112
550.0	5.419	34.261	27.046	107.44	0.882	-0.118
600.0	5.126	34.279	27.095	102.97	0.934	-0.138
650.0	4.938	34.308	27.140	99.08	0.985	-0.137
700.0	4.784	34.332	27.177	95.92	1.034	-0.136
750.0	4.577	34.362	27.224	91.71	1.081	-0.135
800.0	4.503	34.389	27.254	89.31	1.126	-0.123
1000.0	3.960	34.455	27.364	79.72	1.295	-0.129
1200.0	3.420	34.496	27.452	71.83	1.446	-0.150
1400.0	2.989	34.530	27.520	65.61	1.584	-0.164
1600.0	2.682	34.559	27.571	61.01	1.710	-0.169
1800.0	2.362	34.587	27.622	56.13	1.827	-0.174
2000.0	2.118	34.609	27.660	52.46	1.936	-0.177
2200.0	1.954	34.627	27.688	49.94	2.038	-0.176
2400.0	1.823	34.643	27.712	47.86	2.136	-0.175
2438.6	1.797	34.646	27.717	47.44	2.154	-0.175

STATION: 14 DATE: 12/14/90 1606 GMT

LAT: 36 19.9 N. LON: 122 39.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.826	33.334	24.937	300.94	0.014	0.554
5.0	13.826	33.334	24.937	300.95	0.015	0.554
10.0	13.827	33.334	24.937	301.09	0.030	0.554
15.0	13.827	33.334	24.936	301.24	0.045	0.553
20.0	13.829	33.333	24.936	301.46	0.060	0.553
25.0	13.829	33.333	24.936	301.58	0.075	0.553
30.0	13.830	33.333	24.936	301.74	0.090	0.553
40.0	13.840	33.332	24.933	302.24	0.121	0.554
50.0	10.702	33.198	25.427	255.31	0.148	-0.167
60.0	10.170	33.304	25.601	238.92	0.173	-0.177
70.0	9.840	33.367	25.705	229.16	0.196	-0.183
80.0	9.738	33.493	25.821	218.36	0.218	-0.100
100.0	9.356	33.647	26.004	201.34	0.260	-0.042
120.0	8.978	33.742	26.139	188.84	0.299	-0.028
140.0	8.854	33.881	26.267	177.03	0.336	0.062
160.0	8.821	33.977	26.348	169.76	0.370	0.133
180.0	8.493	34.016	26.430	162.32	0.404	0.112
200.0	8.336	34.044	26.476	158.21	0.436	0.110
250.0	7.734	34.108	26.616	145.61	0.512	0.070
300.0	7.283	34.143	26.709	137.43	0.582	0.033
350.0	6.816	34.158	26.785	130.68	0.649	-0.021
400.0	6.465	34.179	26.849	125.08	0.713	-0.051
450.0	5.963	34.182	26.916	118.94	0.774	-0.113
500.0	5.772	34.234	26.981	113.31	0.832	-0.097
550.0	5.478	34.262	27.040	108.05	0.887	-0.110
600.0	5.122	34.271	27.089	103.57	0.940	-0.145
650.0	5.009	34.306	27.130	100.09	0.991	-0.131
700.0	4.809	34.331	27.173	96.35	1.040	-0.134
750.0	4.619	34.359	27.217	92.44	1.087	-0.133
800.0	4.541	34.391	27.251	89.61	1.133	-0.117
1000.0	3.896	34.454	27.370	79.03	1.302	-0.136
1200.0	3.432	34.495	27.450	72.05	1.452	-0.150
1400.0	3.008	34.527	27.516	66.05	1.590	-0.165
1600.0	2.673	34.560	27.573	60.80	1.717	-0.169
1800.0	2.357	34.587	27.622	56.05	1.834	-0.174
2000.0	2.046	34.613	27.669	51.28	1.941	-0.179
2200.0	1.898	34.631	27.696	48.95	2.041	-0.177
2400.0	1.821	34.644	27.713	47.77	2.138	-0.174
2600.0	1.750	34.653	27.727	46.91	2.233	-0.174
2800.0	1.695	34.659	27.737	46.36	2.326	-0.174
2953.5	1.661	34.663	27.744	46.11	2.397	-0.174

STATION: 16 DATE: 12/14/90 2041 GMT

LAT: 36 20.0 N. LON: 122 48.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.690	33.347	24.974	297.32	0.013	0.535
5.0	13.686	33.347	24.975	297.25	0.015	0.535
10.0	13.628	33.346	24.987	296.31	0.030	0.522
15.0	13.612	33.346	24.990	296.15	0.045	0.518
20.0	13.601	33.346	24.992	296.06	0.059	0.516
25.0	13.587	33.346	24.995	295.93	0.074	0.512
30.0	13.284	33.337	25.050	290.85	0.089	0.443
40.0	12.725	33.322	25.149	281.68	0.117	0.316
50.0	12.040	33.284	25.251	272.16	0.145	0.151
60.0	9.956	33.065	25.450	253.16	0.171	-0.404
70.0	9.461	33.135	25.586	240.41	0.196	-0.432
80.0	9.266	33.197	25.666	232.99	0.220	-0.415
100.0	8.939	33.421	25.893	211.72	0.264	-0.289
120.0	8.663	33.665	26.128	189.81	0.304	-0.138
140.0	8.582	33.852	26.287	175.08	0.340	-0.003
160.0	8.660	33.995	26.387	166.00	0.374	0.122
180.0	8.386	34.039	26.464	159.02	0.407	0.114
200.0	8.247	34.090	26.526	153.50	0.438	0.133
250.0	7.663	34.103	26.622	144.98	0.512	0.056
300.0	7.346	34.157	26.711	137.26	0.583	0.053
350.0	6.791	34.186	26.810	128.25	0.650	-0.002
400.0	6.531	34.216	26.869	123.25	0.713	-0.013
450.0	6.290	34.227	26.910	119.87	0.774	-0.036
500.0	5.945	34.248	26.971	114.44	0.832	-0.064
550.0	5.433	34.268	27.049	107.10	0.888	-0.111
600.0	5.230	34.289	27.091	103.55	0.941	-0.119
650.0	4.999	34.329	27.150	98.26	0.991	-0.114
700.0	4.730	34.339	27.188	94.77	1.039	-0.137
750.0	4.631	34.377	27.230	91.26	1.085	-0.118
800.0	4.470	34.402	27.267	87.94	1.130	-0.116
1000.0	3.899	34.460	27.375	78.61	1.296	-0.131
1200.0	3.406	34.495	27.452	71.74	1.446	-0.152
1400.0	3.046	34.531	27.516	66.18	1.584	-0.158
1600.0	2.676	34.560	27.573	60.84	1.710	-0.168
1800.0	2.379	34.584	27.618	56.54	1.827	-0.175
2000.0	2.090	34.610	27.663	52.05	1.935	-0.178
2200.0	1.924	34.630	27.693	49.34	2.036	-0.176
2400.0	1.828	34.642	27.711	48.00	2.133	-0.175
2600.0	1.754	34.652	27.726	47.01	2.228	-0.174
2800.0	1.698	34.659	27.737	46.42	2.322	-0.174
3001.6	1.645	34.665	27.747	45.90	2.415	-0.174

STATION: 15 DATE: 12/15/90 0030 GMT

LAT: 36 20.1 N. LON: 122 41.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.972	33.339	24.910	303.44	0.014	0.589
5.0	13.972	33.339	24.910	303.45	0.015	0.589
10.0	13.908	33.338	24.923	302.38	0.030	0.574
15.0	13.878	33.338	24.929	301.96	0.045	0.568
20.0	13.858	33.337	24.933	301.74	0.061	0.562
25.0	13.848	33.336	24.935	301.70	0.076	0.560
30.0	13.838	33.335	24.936	301.75	0.091	0.556
40.0	13.846	33.338	24.937	301.91	0.121	0.560
50.0	12.674	33.185	25.051	291.24	0.151	0.200
60.0	10.219	33.153	25.474	250.92	0.178	-0.289
70.0	10.252	33.380	25.646	234.81	0.202	-0.102
80.0	9.904	33.476	25.780	222.28	0.225	-0.086
100.0	9.388	33.604	25.965	205.06	0.267	-0.071
120.0	8.982	33.739	26.136	189.12	0.306	-0.029
140.0	8.964	33.899	26.265	177.34	0.343	0.095
160.0	8.829	33.962	26.335	170.98	0.378	0.122
180.0	8.605	34.021	26.416	163.61	0.412	0.133
200.0	8.343	34.043	26.475	158.38	0.444	0.110
250.0	7.940	34.112	26.589	148.25	0.520	0.104
300.0	7.166	34.132	26.716	136.62	0.592	0.008
350.0	6.807	34.166	26.793	129.90	0.658	-0.015
400.0	6.388	34.181	26.861	123.91	0.722	-0.059
450.0	6.010	34.197	26.922	118.44	0.782	-0.095
500.0	5.571	34.197	26.976	113.51	0.840	-0.150
550.0	5.480	34.257	27.036	108.45	0.896	-0.114
600.0	5.271	34.297	27.092	103.48	0.949	-0.108
650.0	4.997	34.314	27.138	99.33	1.000	-0.126
700.0	4.787	34.335	27.179	95.73	1.048	-0.133
750.0	4.590	34.361	27.221	91.94	1.095	-0.135
800.0	4.487	34.398	27.263	88.43	1.140	-0.117
1000.0	3.983	34.454	27.361	80.06	1.309	-0.127
1200.0	3.453	34.496	27.448	72.23	1.461	-0.147
1400.0	2.988	34.529	27.519	65.68	1.599	-0.165
1600.0	2.622	34.564	27.581	59.87	1.724	-0.169
1800.0	2.315	34.590	27.628	55.34	1.839	-0.175
2000.0	2.070	34.610	27.665	51.80	1.947	-0.180
2200.0	1.913	34.632	27.695	49.06	2.047	-0.176
2400.0	1.822	34.644	27.713	47.78	2.144	-0.174
2600.0	1.748	34.653	27.727	46.89	2.238	-0.174
2800.0	1.693	34.659	27.737	46.35	2.332	-0.174
3000.0	1.646	34.664	27.746	45.96	2.424	-0.175
3053.7	1.627	34.667	27.750	45.66	2.449	-0.174

STATION: 23 DATE: 12/15/90 0341 GMT

LAT: 36 27.2 N. LON: 122 46.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.441	33.357	25.033	291.77	0.013	0.491
5.0	13.441	33.357	25.033	291.77	0.015	0.492
10.0	13.438	33.357	25.034	291.83	0.029	0.491
15.0	13.316	33.337	25.043	291.10	0.044	0.449
20.0	12.980	33.296	25.078	287.89	0.058	0.348
25.0	12.644	33.220	25.085	287.35	0.073	0.220
30.0	12.573	33.203	25.086	287.39	0.087	0.192
40.0	12.628	33.237	25.101	286.15	0.116	0.229
50.0	12.021	33.227	25.210	276.01	0.144	0.102
60.0	10.248	33.081	25.414	256.68	0.170	-0.341
70.0	9.608	33.106	25.539	244.86	0.195	-0.431
80.0	9.141	33.252	25.729	227.02	0.219	-0.392
100.0	8.785	33.490	25.971	204.33	0.262	-0.259
120.0	8.630	33.677	26.142	188.43	0.301	-0.134
140.0	8.558	33.803	26.252	178.36	0.338	-0.046
160.0	8.367	33.928	26.380	166.63	0.372	0.024
180.0	8.343	34.034	26.467	158.72	0.405	0.104
200.0	8.114	34.068	26.528	153.19	0.436	0.095
250.0	7.899	34.116	26.599	147.35	0.511	0.101
300.0	7.385	34.146	26.697	138.59	0.583	0.050
350.0	6.687	34.126	26.777	131.30	0.650	-0.063
400.0	6.359	34.170	26.855	124.36	0.714	-0.072
450.0	5.949	34.184	26.919	118.68	0.774	-0.114
500.0	5.527	34.179	26.967	114.28	0.833	-0.169
550.0	5.258	34.228	27.038	107.88	0.889	-0.163
600.0	5.160	34.288	27.098	102.74	0.941	-0.127
650.0	4.934	34.330	27.158	97.39	0.991	-0.120
700.0	4.840	34.376	27.205	93.35	1.038	-0.095
750.0	4.711	34.401	27.240	90.44	1.084	-0.090
800.0	4.527	34.408	27.266	88.20	1.129	-0.105
1000.0	4.177	34.453	27.341	82.48	1.299	-0.108
1200.0	3.517	34.488	27.436	73.58	1.454	-0.147
1400.0	3.001	34.527	27.516	65.94	1.593	-0.165
1600.0	2.610	34.565	27.582	59.71	1.718	-0.170
1800.0	2.312	34.589	27.627	55.38	1.833	-0.176
2000.0	2.039	34.613	27.669	51.20	1.939	-0.180
2200.0	1.913	34.628	27.692	49.34	2.040	-0.179
2400.0	1.821	34.641	27.711	47.98	2.137	-0.176
2600.0	1.751	34.652	27.726	47.00	2.232	-0.174
2800.0	1.686	34.660	27.739	46.18	2.325	-0.174
2951.5	1.640	34.664	27.746	45.74	2.394	-0.175

STATION: 17 DATE: 12/15/90 0836 GMT

LAT: 36 20.0 N. LON: 122 55.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	12.423	33.102	25.036	291.49	0.013	0.082
5.0	12.423	33.102	25.036	291.51	0.015	0.082
10.0	12.426	33.102	25.036	291.64	0.029	0.083
15.0	12.440	33.107	25.037	291.66	0.044	0.090
20.0	12.444	33.112	25.040	291.47	0.058	0.094
25.0	12.416	33.134	25.062	289.49	0.073	0.106
30.0	12.314	33.202	25.135	282.73	0.087	0.140
40.0	12.270	33.204	25.145	282.00	0.115	0.133
50.0	12.254	33.257	25.190	277.99	0.143	0.172
60.0	12.253	33.311	25.232	274.22	0.171	0.214
70.0	10.497	33.089	25.376	260.50	0.198	-0.290
80.0	9.437	33.057	25.529	246.02	0.223	-0.499
100.0	9.145	33.300	25.766	223.83	0.270	-0.353
120.0	8.771	33.609	26.067	195.57	0.312	-0.166
140.0	8.854	33.850	26.244	179.29	0.349	0.038
160.0	8.790	33.970	26.347	169.85	0.384	0.122
180.0	8.556	34.027	26.429	162.42	0.417	0.131
200.0	8.300	34.055	26.490	156.87	0.449	0.114
250.0	7.779	34.099	26.603	146.87	0.525	0.070
300.0	7.289	34.137	26.703	137.92	0.596	0.029
350.0	6.562	34.099	26.772	131.65	0.663	-0.101
400.0	6.229	34.138	26.847	125.02	0.727	-0.114
450.0	5.896	34.184	26.926	117.95	0.788	-0.120
500.0	5.661	34.229	26.991	112.27	0.845	-0.114
550.0	5.372	34.257	27.048	107.10	0.900	-0.127
600.0	5.201	34.292	27.096	102.97	0.953	-0.120
650.0	4.994	34.314	27.138	99.32	1.003	-0.126
700.0	4.893	34.344	27.174	96.39	1.052	-0.115
750.0	4.715	34.367	27.212	93.02	1.100	-0.116
800.0	4.543	34.391	27.251	89.64	1.145	-0.117
1000.0	3.901	34.460	27.374	78.64	1.313	-0.131
1200.0	3.440	34.499	27.452	71.85	1.464	-0.146
1400.0	2.987	34.535	27.524	65.22	1.601	-0.160
1600.0	2.652	34.564	27.578	60.28	1.726	-0.168
1800.0	2.364	34.586	27.621	56.22	1.842	-0.175
2000.0	2.071	34.614	27.668	51.52	1.950	-0.177
2200.0	1.915	34.631	27.695	49.15	2.050	-0.176
2400.0	1.820	34.644	27.713	47.75	2.147	-0.174
2600.0	1.741	34.653	27.728	46.77	2.242	-0.174
2800.0	1.678	34.660	27.739	46.07	2.335	-0.174
3000.0	1.632	34.665	27.748	45.71	2.426	-0.175
3055.7	1.620	34.666	27.750	45.64	2.452	-0.175

STATION: 18 DATE: 12/15/90 1400 GMT

LAT: 36 19.9 N. LON: 123 1.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	12.453	33.162	25.076	287.61	0.013	0.136
5.0	12.454	33.162	25.076	287.63	0.014	0.136
10.0	12.459	33.162	25.075	287.85	0.029	0.137
15.0	12.462	33.162	25.075	288.01	0.043	0.138
20.0	12.461	33.162	25.075	288.12	0.058	0.137
25.0	12.463	33.162	25.075	288.27	0.072	0.138
30.0	12.467	33.162	25.074	288.46	0.086	0.138
40.0	12.470	33.162	25.074	288.74	0.115	0.138
50.0	12.469	33.162	25.075	288.95	0.144	0.138
60.0	12.420	33.191	25.107	286.14	0.173	0.151
70.0	10.363	33.069	25.385	259.64	0.200	-0.330
80.0	9.525	33.184	25.615	237.91	0.225	-0.382
100.0	9.115	33.389	25.840	216.80	0.270	-0.287
120.0	8.868	33.614	26.056	196.72	0.312	-0.147
140.0	8.507	33.687	26.169	186.25	0.350	-0.146
160.0	8.359	33.854	26.323	172.02	0.386	-0.037
180.0	8.163	33.919	26.403	164.68	0.419	-0.015
200.0	7.974	33.951	26.457	159.90	0.452	-0.018
250.0	7.278	33.988	26.587	148.10	0.528	-0.090
300.0	6.628	34.019	26.700	137.73	0.600	-0.154
350.0	6.018	34.020	26.780	130.46	0.667	-0.233
400.0	5.647	34.044	26.845	124.61	0.730	-0.260
450.0	5.326	34.078	26.911	118.72	0.791	-0.272
500.0	5.210	34.144	26.977	112.96	0.849	-0.234
550.0	4.990	34.184	27.034	107.89	0.904	-0.228
600.0	4.879	34.236	27.089	103.20	0.957	-0.200
650.0	4.689	34.272	27.139	98.72	1.007	-0.193
700.0	4.567	34.323	27.193	94.03	1.055	-0.167
750.0	4.424	34.341	27.223	91.44	1.102	-0.168
800.0	4.248	34.362	27.259	88.26	1.147	-0.171
1000.0	3.747	34.450	27.382	77.57	1.311	-0.154
1200.0	3.300	34.504	27.470	69.80	1.458	-0.155
1400.0	2.938	34.538	27.531	64.39	1.592	-0.162
1600.0	2.615	34.567	27.583	59.59	1.715	-0.168
1800.0	2.260	34.592	27.634	54.54	1.829	-0.178
2000.0	2.038	34.612	27.669	51.26	1.935	-0.181
2200.0	1.917	34.630	27.694	49.25	2.036	-0.177
2400.0	1.826	34.642	27.711	47.97	2.133	-0.175
2600.0	1.752	34.651	27.725	47.06	2.228	-0.175
2800.0	1.693	34.658	27.737	46.40	2.321	-0.175
3000.0	1.637	34.665	27.747	45.79	2.413	-0.175
3200.0	1.600	34.669	27.755	45.58	2.505	-0.175
3258.0	1.594	34.670	27.756	45.59	2.531	-0.175

STATION: 19 DATE: 12/15/90 2030 GMT

LAT: 36 15.7 N. LON: 123 10.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	12.393	33.147	25.076	287.62	0.013	0.112
5.0	12.393	33.147	25.076	287.64	0.014	0.112
10.0	12.394	33.148	25.077	287.71	0.029	0.113
15.0	12.391	33.147	25.077	287.83	0.043	0.112
20.0	12.391	33.147	25.077	287.95	0.058	0.111
25.0	12.389	33.147	25.078	288.02	0.072	0.111
30.0	12.385	33.147	25.078	288.07	0.086	0.110
40.0	12.405	33.158	25.083	287.86	0.115	0.122
50.0	12.540	33.222	25.108	285.82	0.144	0.200
60.0	12.569	33.272	25.141	282.89	0.172	0.245
70.0	12.492	33.271	25.155	281.84	0.200	0.229
80.0	12.215	33.250	25.192	278.51	0.229	0.158
100.0	9.538	33.150	25.586	241.06	0.280	-0.408
120.0	8.927	33.345	25.836	217.57	0.326	-0.352
140.0	8.974	33.673	26.086	194.24	0.367	-0.083
160.0	8.614	33.820	26.257	178.28	0.404	-0.024
180.0	8.236	33.896	26.375	167.42	0.439	-0.022
200.0	7.922	33.958	26.470	158.59	0.471	-0.020
250.0	7.193	33.993	26.602	146.60	0.548	-0.098
300.0	6.638	34.010	26.692	138.57	0.619	-0.161
350.0	6.262	34.036	26.762	132.37	0.687	-0.189
400.0	5.769	34.068	26.849	124.37	0.751	-0.227
450.0	5.319	34.104	26.932	116.70	0.811	-0.252
500.0	5.076	34.137	26.987	111.85	0.868	-0.255
550.0	4.935	34.196	27.050	106.31	0.923	-0.225
600.0	4.746	34.222	27.092	102.65	0.975	-0.226
650.0	4.575	34.258	27.140	98.43	1.025	-0.217
700.0	4.427	34.284	27.177	95.25	1.074	-0.213
750.0	4.395	34.332	27.219	91.76	1.120	-0.178
800.0	4.229	34.355	27.256	88.54	1.165	-0.178
1000.0	3.683	34.444	27.383	77.25	1.330	-0.164
1200.0	3.227	34.509	27.480	68.61	1.475	-0.158
1400.0	2.867	34.544	27.542	63.08	1.607	-0.163
1600.0	2.558	34.572	27.592	58.55	1.728	-0.169
1800.0	2.277	34.591	27.632	54.80	1.842	-0.177
2000.0	2.069	34.615	27.669	51.43	1.948	-0.176
2200.0	1.918	34.630	27.693	49.27	2.048	-0.177
2400.0	1.820	34.643	27.712	47.84	2.145	-0.175
2600.0	1.750	34.653	27.727	46.86	2.240	-0.173
2800.0	1.684	34.661	27.739	46.08	2.333	-0.173
3000.0	1.631	34.666	27.749	45.62	2.425	-0.174
3200.0	1.599	34.670	27.755	45.49	2.516	-0.175
3258.0	1.594	34.671	27.757	45.52	2.542	-0.174

STATION: 20 DATE: 12/16/90 0736 GMT

LAT: 36 7.1 N. LON: 123 30.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	12.318	33.086	25.043	290.76	0.013	0.049
5.0	12.318	33.086	25.043	290.77	0.015	0.049
10.0	12.321	33.086	25.043	290.95	0.029	0.049
15.0	12.322	33.086	25.043	291.08	0.044	0.049
20.0	12.325	33.086	25.042	291.25	0.058	0.050
25.0	12.332	33.089	25.044	291.26	0.073	0.053
30.0	12.335	33.090	25.044	291.37	0.087	0.054
40.0	12.363	33.100	25.047	291.33	0.116	0.068
50.0	12.270	33.106	25.070	289.41	0.146	0.055
60.0	10.249	33.021	25.367	261.16	0.173	-0.388
70.0	9.481	33.022	25.494	249.13	0.199	-0.520
80.0	8.932	33.129	25.666	232.95	0.223	-0.523
100.0	8.772	33.320	25.840	216.72	0.268	-0.396
120.0	8.853	33.600	26.047	197.52	0.309	-0.161
140.0	8.710	33.753	26.189	184.39	0.347	-0.062
160.0	8.537	33.850	26.292	174.94	0.383	-0.012
180.0	8.277	33.931	26.396	165.41	0.417	0.012
200.0	8.160	34.001	26.469	158.85	0.449	0.049
250.0	7.311	34.020	26.607	146.20	0.525	-0.060
300.0	6.471	33.976	26.687	138.87	0.596	-0.209
350.0	6.022	34.005	26.768	131.61	0.664	-0.245
400.0	5.849	34.074	26.844	124.94	0.728	-0.213
450.0	5.548	34.116	26.914	118.67	0.789	-0.216
500.0	5.208	34.155	26.986	112.16	0.846	-0.226
550.0	4.899	34.184	27.045	106.75	0.901	-0.238
600.0	4.760	34.239	27.104	101.57	0.953	-0.211
650.0	4.653	34.294	27.160	96.71	1.003	-0.180
700.0	4.504	34.332	27.207	92.57	1.050	-0.166
750.0	4.393	34.362	27.243	89.53	1.096	-0.155
800.0	4.174	34.372	27.275	86.65	1.140	-0.171
1000.0	3.655	34.456	27.396	76.04	1.302	-0.158
1200.0	3.216	34.501	27.475	69.08	1.447	-0.165
1400.0	2.860	34.540	27.540	63.29	1.579	-0.167
1600.0	2.576	34.572	27.591	58.73	1.701	-0.167
1800.0	2.268	34.596	27.636	54.34	1.813	-0.174
2000.0	2.047	34.618	27.673	50.94	1.919	-0.175
2200.0	1.904	34.635	27.699	48.73	2.018	-0.174
2400.0	1.812	34.646	27.716	47.48	2.114	-0.173
2600.0	1.730	34.655	27.730	46.47	2.208	-0.173
2800.0	1.674	34.662	27.741	45.87	2.300	-0.173
3000.0	1.620	34.668	27.751	45.33	2.391	-0.173
3200.0	1.586	34.672	27.758	45.16	2.482	-0.174
3400.0	1.562	34.675	27.763	45.18	2.572	-0.174
3566.6	1.535	34.679	27.770	44.96	2.647	-0.174

STATION: 21 DATE: 12/16/90 1436 GMT

LAT: 35 56.8 N. LON: 123 52.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	12.235	33.034	25.019	293.09	0.013	-0.009
5.0	12.235	33.034	25.019	293.11	0.015	-0.009
10.0	12.239	33.033	25.017	293.37	0.029	-0.009
15.0	12.242	33.033	25.017	293.53	0.044	-0.009
20.0	12.243	33.033	25.017	293.66	0.059	-0.009
25.0	12.242	33.033	25.017	293.76	0.073	-0.009
30.0	12.240	33.033	25.018	293.84	0.088	-0.009
40.0	12.241	33.030	25.015	294.31	0.117	-0.012
50.0	12.243	33.031	25.016	294.49	0.147	-0.011
60.0	12.214	33.029	25.020	294.36	0.176	-0.019
70.0	10.437	32.941	25.272	270.39	0.205	-0.421
80.0	9.827	33.035	25.448	253.76	0.231	-0.451
100.0	8.844	33.318	25.828	217.96	0.278	-0.386
120.0	8.079	33.551	26.127	189.77	0.319	-0.319
140.0	8.173	33.742	26.262	177.29	0.356	-0.154
160.0	8.555	33.962	26.378	166.89	0.390	0.079
180.0	8.251	34.010	26.462	159.14	0.423	0.071
200.0	8.045	34.041	26.517	154.24	0.454	0.063
250.0	7.426	34.060	26.622	144.81	0.529	-0.012
300.0	6.729	34.061	26.720	135.94	0.599	-0.108
350.0	6.472	34.103	26.787	130.18	0.665	-0.110
400.0	6.246	34.145	26.850	124.72	0.729	-0.106
450.0	5.905	34.168	26.912	119.23	0.790	-0.131
500.0	5.566	34.198	26.978	113.33	0.848	-0.149
550.0	5.269	34.222	27.033	108.44	0.903	-0.166
600.0	5.017	34.261	27.093	103.01	0.956	-0.165
650.0	4.870	34.296	27.138	99.12	1.007	-0.154
700.0	4.702	34.328	27.182	95.26	1.055	-0.148
750.0	4.585	34.365	27.225	91.57	1.102	-0.132
800.0	4.348	34.389	27.270	87.44	1.147	-0.139
1000.0	3.757	34.459	27.388	76.97	1.311	-0.145
1200.0	3.243	34.501	27.472	69.38	1.457	-0.162
1400.0	2.886	34.536	27.534	63.93	1.590	-0.168
1600.0	2.566	34.566	27.587	59.06	1.713	-0.172
1800.0	2.229	34.590	27.635	54.31	1.826	-0.182
2000.0	2.021	34.611	27.669	51.13	1.931	-0.183
2200.0	1.864	34.628	27.696	48.74	2.031	-0.182
2400.0	1.778	34.641	27.714	47.45	2.127	-0.180
2600.0	1.720	34.650	27.727	46.70	2.221	-0.178
2800.0	1.651	34.660	27.741	45.73	2.313	-0.176
3000.0	1.617	34.668	27.751	45.30	2.404	-0.174
3200.0	1.580	34.671	27.758	45.15	2.495	-0.175
3400.0	1.545	34.675	27.765	44.93	2.585	-0.176
3568.6	1.521	34.679	27.771	44.76	2.660	-0.175

STATION: 22 DATE: 12/16/90 1911 GMT

LAT: 35 46.7 N. LON: 124 12.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	12.231	32.974	24.973	297.45	0.013	-0.058
5.0	12.231	32.974	24.973	297.46	0.015	-0.058
10.0	12.229	32.973	24.973	297.60	0.030	-0.059
15.0	12.228	32.972	24.972	297.78	0.045	-0.060
20.0	12.231	32.975	24.974	297.72	0.060	-0.057
25.0	12.238	32.986	24.981	297.17	0.074	-0.047
30.0	12.240	32.994	24.988	296.69	0.089	-0.040
40.0	12.231	33.023	25.012	294.64	0.119	-0.019
50.0	12.308	33.137	25.086	287.87	0.148	0.086
60.0	12.243	33.144	25.104	286.40	0.177	0.079
70.0	10.539	32.999	25.300	267.75	0.204	-0.356
80.0	10.248	33.103	25.431	255.48	0.230	-0.324
100.0	9.152	33.305	25.769	223.59	0.279	-0.348
120.0	9.122	33.531	25.951	206.68	0.322	-0.172
140.0	8.954	33.689	26.102	192.78	0.362	-0.074
160.0	8.704	33.804	26.231	180.83	0.399	-0.023
180.0	8.396	33.887	26.344	170.40	0.434	-0.005
200.0	8.203	33.960	26.430	162.55	0.468	0.023
250.0	7.481	34.005	26.571	149.68	0.545	-0.048
300.0	6.777	34.014	26.676	140.12	0.617	-0.139
350.0	6.377	34.060	26.766	132.08	0.685	-0.156
400.0	5.849	34.080	26.849	124.49	0.749	-0.208
450.0	5.600	34.127	26.917	118.48	0.810	-0.201
500.0	5.534	34.195	26.979	113.17	0.868	-0.156
550.0	5.147	34.223	27.047	106.88	0.923	-0.180
600.0	5.151	34.269	27.084	104.08	0.975	-0.144
650.0	4.995	34.312	27.137	99.47	1.026	-0.128
700.0	4.762	34.338	27.184	95.21	1.075	-0.134
750.0	4.590	34.364	27.224	91.72	1.122	-0.132
800.0	4.215	34.357	27.259	88.24	1.166	-0.178
1000.0	3.627	34.436	27.382	77.20	1.332	-0.176
1200.0	3.260	34.498	27.468	69.80	1.478	-0.163
1400.0	2.852	34.537	27.538	63.45	1.612	-0.170
1600.0	2.496	34.569	27.595	58.01	1.733	-0.176
1800.0	2.226	34.594	27.638	53.98	1.845	-0.179
2000.0	2.018	34.611	27.669	51.10	1.950	-0.183
2200.0	1.890	34.625	27.692	49.28	2.050	-0.183
2400.0	1.787	34.638	27.711	47.74	2.147	-0.181
2600.0	1.738	34.654	27.729	46.65	2.242	-0.173
2800.0	1.667	34.661	27.741	45.86	2.334	-0.174
3000.0	1.611	34.667	27.751	45.26	2.425	-0.175
3200.0	1.582	34.671	27.757	45.17	2.515	-0.175
3400.0	1.546	34.676	27.765	44.87	2.606	-0.175
3600.0	1.515	34.680	27.772	44.70	2.695	-0.175
3800.0	1.494	34.684	27.778	44.65	2.785	-0.175
3977.3	1.485	34.687	27.782	44.73	2.864	-0.174

STATION: 24 DATE: 12/17/90 2136 GMT

LAT: 36 36.0 N. LON: 122 29.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.490	33.333	25.004	294.48	0.013	0.482
5.0	13.484	33.333	25.005	294.39	0.015	0.481
10.0	13.465	33.333	25.010	294.14	0.029	0.477
15.0	13.464	33.333	25.010	294.24	0.044	0.477
20.0	13.463	33.333	25.010	294.34	0.059	0.476
25.0	13.437	33.332	25.015	294.04	0.074	0.470
30.0	13.421	33.332	25.018	293.85	0.088	0.467
40.0	13.404	33.332	25.022	293.77	0.118	0.463
50.0	13.385	33.332	25.026	293.67	0.147	0.459
60.0	12.521	33.287	25.161	280.96	0.176	0.248
70.0	10.880	33.253	25.438	254.66	0.202	-0.091
80.0	10.589	33.323	25.544	244.83	0.227	-0.088
100.0	9.996	33.513	25.794	221.40	0.274	-0.041
120.0	9.490	33.618	25.960	205.93	0.316	-0.043
140.0	9.215	33.787	26.136	189.56	0.356	0.045
160.0	9.019	33.895	26.253	178.87	0.392	0.099
180.0	8.787	33.974	26.352	169.80	0.427	0.125
200.0	8.500	34.026	26.437	162.00	0.460	0.121
250.0	8.014	34.091	26.562	150.87	0.538	0.098
300.0	7.501	34.125	26.664	141.78	0.611	0.050
350.0	6.979	34.146	26.753	133.77	0.680	-0.008
400.0	6.694	34.168	26.810	128.97	0.745	-0.029
450.0	6.334	34.189	26.874	123.29	0.808	-0.061
500.0	5.974	34.216	26.942	117.19	0.868	-0.085
550.0	5.760	34.237	26.986	113.51	0.926	-0.096
600.0	5.420	34.263	27.048	107.84	0.981	-0.117
650.0	5.136	34.291	27.104	102.80	1.034	-0.129
700.0	4.940	34.317	27.147	98.96	1.085	-0.130
750.0	4.688	34.345	27.198	94.33	1.133	-0.137
800.0	4.557	34.372	27.234	91.22	1.179	-0.130
1000.0	3.973	34.451	27.360	80.16	1.350	-0.130
1200.0	3.383	34.500	27.458	71.11	1.501	-0.151
1400.0	3.020	34.527	27.515	66.17	1.638	-0.163
1600.0	2.667	34.557	27.571	60.95	1.765	-0.171
1800.0	2.361	34.580	27.616	56.61	1.882	-0.179
2000.0	2.116	34.604	27.656	52.80	1.991	-0.181
2200.0	1.940	34.626	27.689	49.83	2.094	-0.178
2400.0	1.784	34.645	27.717	47.21	2.190	-0.176
2600.0	1.721	34.653	27.729	46.50	2.284	-0.175
2800.0	1.676	34.659	27.738	46.11	2.377	-0.175
2897.4	1.661	34.661	27.742	46.08	2.422	-0.175

STATION: 26 DATE: 12/18/90 0223 GMT

LAT: 36 36.6 N. LON: 122 9.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.213	33.354	25.076	287.63	0.013	0.442
5.0	13.211	33.354	25.076	287.63	0.014	0.441
10.0	13.159	33.352	25.086	286.85	0.029	0.429
15.0	13.158	33.354	25.088	286.83	0.043	0.431
20.0	13.152	33.355	25.090	286.79	0.057	0.430
25.0	13.079	33.350	25.101	285.86	0.072	0.411
30.0	13.033	33.346	25.107	285.41	0.086	0.398
40.0	12.551	33.328	25.187	278.02	0.114	0.286
50.0	11.565	33.277	25.334	264.22	0.141	0.055
60.0	11.139	33.326	25.449	253.48	0.167	0.014
70.0	10.931	33.413	25.554	243.67	0.192	0.045
80.0	11.075	33.507	25.602	239.43	0.216	0.146
100.0	10.774	33.527	25.671	233.23	0.264	0.107
120.0	10.416	33.582	25.776	223.61	0.309	0.086
140.0	10.050	33.626	25.874	214.66	0.353	0.058
160.0	9.544	33.797	26.092	194.33	0.394	0.107
180.0	9.282	33.875	26.196	184.75	0.432	0.126
200.0	9.049	33.940	26.284	176.69	0.468	0.139
250.0	8.366	34.056	26.481	158.68	0.552	0.123
300.0	7.944	34.095	26.576	150.40	0.629	0.090
350.0	7.288	34.129	26.697	139.33	0.701	0.021
400.0	6.738	34.133	26.777	132.16	0.768	-0.051
450.0	6.173	34.160	26.872	123.34	0.832	-0.105
500.0	5.868	34.199	26.942	117.13	0.892	-0.113
550.0	5.617	34.229	26.997	112.26	0.949	-0.119
600.0	5.431	34.253	27.039	108.72	1.005	-0.123
650.0	5.206	34.285	27.091	104.07	1.058	-0.125
700.0	4.957	34.328	27.154	98.36	1.108	-0.120
750.0	4.722	34.358	27.204	93.79	1.157	-0.123
800.0	4.556	34.380	27.241	90.61	1.203	-0.124
1000.0	3.920	34.445	27.361	79.97	1.373	-0.141
1200.0	3.406	34.494	27.451	71.83	1.524	-0.153
1400.0	2.882	34.540	27.537	63.59	1.660	-0.165
1600.0	2.673	34.560	27.573	60.80	1.785	-0.169
1800.0	2.362	34.589	27.623	55.98	1.902	-0.172
2000.0	2.103	34.612	27.664	52.05	2.010	-0.176
2029.9	2.047	34.616	27.671	51.21	2.026	-0.177

STATION: 27 DATE: 12/18/90 0523 GMT

LAT: 36 43.3 N. LON: 122 14.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.340	33.342	25.042	290.94	0.013	0.459
5.0	13.340	33.343	25.042	290.87	0.015	0.460
10.0	13.341	33.348	25.046	290.66	0.029	0.463
15.0	13.316	33.348	25.051	290.31	0.044	0.458
20.0	13.203	33.349	25.075	288.20	0.058	0.436
25.0	13.087	33.354	25.102	285.72	0.072	0.416
30.0	12.977	33.373	25.139	282.35	0.087	0.408
40.0	12.835	33.386	25.177	279.01	0.115	0.389
50.0	12.558	33.384	25.229	274.24	0.142	0.332
60.0	11.612	33.418	25.434	254.90	0.169	0.175
70.0	11.258	33.444	25.519	247.02	0.194	0.130
80.0	11.091	33.482	25.580	241.49	0.218	0.129
100.0	10.873	33.527	25.654	234.91	0.266	0.125
120.0	10.635	33.569	25.728	228.23	0.312	0.115
140.0	10.208	33.614	25.837	218.20	0.356	0.075
160.0	9.874	33.706	25.966	206.31	0.399	0.091
180.0	9.716	33.751	26.028	200.85	0.439	0.099
200.0	9.458	33.837	26.137	190.78	0.479	0.124
250.0	8.851	33.993	26.358	170.63	0.569	0.149
300.0	8.079	34.093	26.555	152.48	0.648	0.109
350.0	7.425	34.123	26.673	141.70	0.722	0.036
400.0	7.002	34.157	26.760	133.99	0.790	0.003
450.0	6.311	34.164	26.858	124.83	0.855	-0.083
500.0	6.142	34.204	26.911	120.32	0.916	-0.074
550.0	5.675	34.232	26.992	112.79	0.975	-0.110
600.0	5.397	34.257	27.046	108.03	1.030	-0.125
650.0	5.160	34.292	27.102	102.99	1.083	-0.125
700.0	4.881	34.332	27.166	97.13	1.133	-0.125
750.0	4.680	34.359	27.210	93.15	1.181	-0.126
800.0	4.436	34.392	27.263	88.26	1.226	-0.127
984.2	3.910	34.442	27.359	79.94	1.380	-0.144

STATION: 33 DATE: 12/18/90 0711 GMT

LAT: 36 46.6 N. LON: 122 1.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	13.009	33.364	25.125	283.03	0.013	0.408
5.0	13.008	33.364	25.125	283.04	0.014	0.408
10.0	12.966	33.366	25.135	282.22	0.028	0.401
15.0	12.777	33.378	25.181	277.91	0.042	0.372
20.0	12.453	33.386	25.250	271.48	0.056	0.314
25.0	12.212	33.387	25.298	267.09	0.070	0.267
30.0	11.911	33.372	25.343	262.87	0.083	0.197
40.0	11.683	33 410	25.415	256.24	0.109	0.183
50.0	11.492	33.439	25.473	250.98	0.134	0.170
60.0	11.385	33.458	25.507	247.97	0.159	0.165
70.0	11.214	33.474	25.551	244.02	0.184	0.146
80.0	11.116	33.480	25.574	242.09	0.208	0.132
100.0	10.854	33.507	25.641	236.06	0.256	0.105
120.0	10.777	33.512	25.659	234.80	0.303	0.095
140.0	10.200	33.614	25.839	218.08	0.349	0.074
160.0	9.708	33.728	26.011	202.02	0.391	0.080
180.0	8.828	33.965	26.338	171.10	0.428	0.125
200.0	8.514	34.038	26.444	161.34	0.461	0.132
250.0	7.947	34.084	26.566	150.46	0.539	0.082
300.0	7.467	34.100	26.649	143.19	0.613	0.025
350.0	7.116	34.117	26.712	137.80	0.682	-0.012
400.0	6.532	34.141	26.810	128.83	0.749	-0.073
450.0	6.019	34.189	26.914	119.17	0.811	-0.101
500.0	5.620	34.234	27.000	111.32	0.868	-0.115
550.0	5.426	34.256	27.041	107.85	0.923	-0.121
600.0	5.177	34.290	27.098	102.80	0.976	-0.124
650.0	5.028	34.308	27.130	100.17	1.026	-0.127
700.0	4.765	34.341	27.186	95.05	1.075	-0.131
750.0	4.678	34.354	27.206	93.53	1.122	-0.131
800.0	4.440	34.378	27.252	89.33	1.168	-0.138
980.2	3.586	34.469	27.413	74.12	1.314	-0.154

STATION: 29 DATE: 12/18/90 0836 GMT

LAT: 36 42.2 N. LON: 122 1.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
4.5	12.981	33.351	25.120	283.46	0.013	0.392
5.0	12.981	33.351	25.120	283.48	0.014	0.392
10.0	12.983	33.351	25.120	283.63	0.028	0.393
15.0	12.984	33.351	25.120	283.77	0.043	0.392
20.0	12.990	33.351	25.119	284.00	0.057	0.394
25.0	12.987	33.351	25.119	284.08	0.071	0.393
30.0	12.988	33.351	25.119	284.21	0.085	0.393
40.0	12.990	33.378	25.140	282.48	0.114	0.415
50.0	12.565	33.380	25.225	274.65	0.141	0.331
60.0	12.240	33.408	25.310	266.84	0.168	0.288
70.0	11.800	33.393	25.381	260.25	0.195	0.192
80.0	11.363	33.379	25.451	253.81	0.220	0.098
100.0	11.142	33.413	25.517	247.90	0.270	0.083
120.0	10.696	33.469	25.640	236.58	0.319	0.047
140.0	10.577	33.510	25.693	231.98	0.366	0.058
160.0	10.348	33.588	25.794	222.83	0.411	0.078
180.0	9.456	33.788	26.099	193.96	0.453	0.085
200.0	9.000	33.930	26.284	176.73	0.490	0.123
250.0	8.254	34.059	26.501	156.78	0.572	0.109
300.0	7.765	34.094	26.602	147.84	0.649	0.063
350.0	7.128	34.111	26.706	138.37	0.720	-0.015
400.0	6.592	34.139	26.800	129.76	0.787	-0.066
450.0	6.181	34.171	26.880	122.60	0.850	-0.094
500.0	5.759	34.210	26.964	114.88	0.909	-0.117
550.0	5.576	34.235	27.006	111.35	0.965	-0.120
600.0	5.300	34.273	27.070	105.59	1.020	-0.123
650.0	5.098	34.304	27.118	101.34	1.071	-0.122
700.0	4.898	34.333	27.165	97.26	1.121	-0.123
750.0	4.720	34.363	27.209	93.35	1.169	-0.119
800.0	4.461	34.380	27.251	89.47	1.214	-0.134
1000.0	3.787	34.454	27.381	77.73	1.380	-0.147
1200.0	3.349	34.495	27.458	71.04	1.528	-0.157
1400.0	3.014	34.528	27.516	66.02	1.665	-0.163
1473.0	2.904	34.538	27.534	64.43	1.712	-0.165

STATION: 36 DATE: 2/21/91 1830 GMT

LAT: 36 47.7 N. LON: 121 52.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.302	33.389	25.281	268.07	0.008	0.287
5.0	12.253	33.389	25.291	267.23	0.013	0.277
10.0	12.194	33.389	25.302	266.28	0.027	0.266
15.0	11.993	33.395	25.345	262.33	0.040	0.231
20.0	11.624	33.427	25.439	253.51	0.053	0.187
25.0	11.238	33.453	25.529	245.01	0.065	0.134
30.0	10.753	33.467	25.627	235.81	0.077	0.057
40.0	10.445	33.529	25.729	226.35	0.100	0.051
50.0	10.225	33.614	25.833	216.62	0.123	0.081
60.0	9.976	33.674	25.922	208.35	0.144	0.085
70.0	9.813	33.696	25.967	204.30	0.165	0.075
80.0	9.761	33.700	25.979	203.37	0.185	0.069
100.0	9.466	33.772	26.084	193.76	0.225	0.076
120.0	9.290	33.813	26.145	188.39	0.263	0.079
140.0	9.179	33.827	26.174	185.97	0.300	0.072
160.0	9.030	33.842	26.210	182.92	0.337	0.060
180.0	8.660	33.896	26.310	173.70	0.373	0.043
200.0	8.526	33.919	26.349	170.33	0.407	0.040
250.0	8.151	33.979	26.454	161.15	0.490	0.030
261.0	7.958	34.005	26.503	156.63	0.507	0.021

STATION: 1 DATE: 2/22/91 0200 GMT

LAT: 36 20.1 N. LON: 21 56.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.116	33.332	25.273	268.92	0.008	0.205
5.0	11.884	33.377	25.351	261.49	0.013	0.196
10.0	11.567	33.404	25.431	253.99	0.026	0.158
15.0	11.285	33.450	25.518	245.83	0.039	0.141
20.0	11.133	33.474	25.564	241.56	0.051	0.132
25.0	11.057	33.497	25.596	238.66	0.063	0.136
30.0	11.021	33.516	25.618	236.72	0.075	0.145
41.0	10.641	33.587	25.740	225.32	0.100	0.132

STATION: 2 DATE: 2/22/91 0230 GMT

LAT: 36 20.0 N. LON: 121 59.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.218	33.369	25.282	268.02	0.008	0.254
5.0	12.031	33.368	25.317	264.78	0.013	0.217
10.0	11.990	33.374	25.329	263.71	0.027	0.214
15.0	11.975	33.375	25.333	263.49	0.040	0.212
20.0	11.576	33.394	25.422	255.15	0.053	0.151
25.0	11.145	33.446	25.541	243.93	0.065	0.112
30.0	10.816	33.498	25.640	234.63	0.077	0.093
40.0	10.341	33.578	25.785	221.02	0.100	0.072
50.0	10.084	33.640	25.877	212.44	0.121	0.076
60.0	10.034	33.657	25.899	210.58	0.143	0.081
70.0	9.830	33.700	25.967	204.27	0.163	0.081
80.0	9.740	33.727	26.004	201.03	0.184	0.087
91.0	9.707	33.733	26.014	200.31	0.206	0.085

STATION: 3 DATE: 2/22/91 0300 GMT

LAT: 36 20.0 N. LON: 122 1.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.308	33.357	25.255	270.54	0.008	0.263
5.0	12.279	33.359	25.263	269.91	0.014	0.258
10.0	12.153	33.360	25.287	267.68	0.027	0.235
15.0	12.030	33.365	25.315	265.21	0.040	0.214
20.0	11.998	33.376	25.329	263.95	0.054	0.217
25.0	11.722	33.390	25.392	258.11	0.067	0.175
30.0	11.459	33.409	25.455	252.20	0.079	0.140
40.0	10.666	33.515	25.680	231.05	0.104	0.080
50.0	9.904	33.698	25.953	205.22	0.125	0.092
60.0	9.762	33.734	26.005	200.48	0.145	0.096
70.0	9.628	33.766	26.052	196.22	0.165	0.099
80.0	9.579	33.778	26.070	194.75	0.185	0.100
100.0	9.490	33.796	26.099	192.35	0.223	0.099
111.0	9.484	33.796	26.100	192.51	0.245	0.098

STATION: 4 DATE: 2/22/91 0353 GMT

LAT: 36 20.1 N. LON: 122 4.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.067	33.259	25.225	273.43	0.008	0.138
5.0	12.067	33.259	25.225	273.47	0.014	0.138
10.0	11.869	33.281	25.279	268.43	0.027	0.117
15.0	11.739	33.314	25.329	263.80	0.041	0.118
20.0	11.487	33.369	25.419	255.43	0.053	0.114
25.0	11.256	33.427	25.506	247.25	0.066	0.117
30.0	10.881	33.469	25.606	237.85	0.078	0.082
40.0	10.697	33.486	25.651	233.72	0.102	0.062
50.0	10.119	33.628	25.862	213.87	0.124	0.073
60.0	9.931	33.676	25.932	207.47	0.145	0.079
70.0	9.833	33.705	25.970	203.98	0.166	0.085
80.0	9.502	33.801	26.100	191.83	0.186	0.105
100.0	9.230	33.876	26.204	182.37	0.223	0.120
120.0	9.086	33.915	26.258	177.64	0.259	0.127
140.0	9.016	33.914	26.268	177.05	0.295	0.114
160.0	8.751	33.965	26.350	169.59	0.329	0.112
180.0	8.546	34.006	26.414	163.84	0.362	0.113
200.0	8.343	34.046	26.476	158.20	0.395	0.113
250.0	7.930	34.091	26.574	149.67	0.472	0.085
281.0	7.759	34.106	26.611	146.59	0.518	0.072

STATION: 5 DATE: 2/22/91 0436 GMT

LAT: 36 20.0 N. LON: 122 8.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.382	33.216	25.132	282.29	0.008	0.165
5.0	12.382	33.217	25.133	282.27	0.014	0.166
10.0	12.286	33.233	25.164	279.45	0.028	0.160
15.0	12.080	33.280	25.239	272.38	0.042	0.157
20.0	11.783	33.331	25.335	263.40	0.055	0.140
25.0	11.588	33.353	25.388	258.48	0.068	0.120
30.0	11.197	33.418	25.509	247.01	0.081	0.099
40.0	10.761	33.450	25.613	237.41	0.105	0.045
50.0	10.372	33.571	25.774	222.25	0.128	0.072
60.0	10.105	33.587	25.833	216.86	0.150	0.038
70.0	9.820	33.622	25.908	209.89	0.171	0.017
80.0	9.793	33.710	25.982	203.13	0.192	0.082
100.0	9.613	33.784	26.069	195.19	0.232	0.110
120.0	9.301	33.856	26.177	185.34	0.270	0.115
140.0	9.093	33.942	26.278	176.11	0.307	0.149
160.0	8.789	34.004	26.375	167.24	0.341	0.150
180.0	8.548	34.033	26.435	161.86	0.374	0.134
200.0	8.378	34.059	26.481	157.76	0.406	0.128
250.0	7.921	34.108	26.589	148.28	0.482	0.098
300.0	7.522	34.124	26.660	142.19	0.555	0.051
350.0	7.459	34.131	26.675	141.56	0.626	0.047
400.0	7.099	34.161	26.750	135.00	0.695	0.020
450.0	6.601	34.192	26.842	126.59	0.760	-0.023
500.0	6.200	34.220	26.917	119.84	0.822	-0.054
550.0	5.667	34.263	27.018	110.36	0.879	-0.086
600.0	5.532	34.276	27.045	108.27	0.934	-0.093
639.0	5.222	34.304	27.104	102.77	0.975	-0.108

STATION: 6 DATE: 2/22/91 0536 GMT

LAT: 36 20.0 N. LON: 122 12.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.188	33.148	25.116	283.80	0.009	0.073
5.0	12.184	33.148	25.117	283.77	0.014	0.072
10.0	12.150	33.151	25.126	283.02	0.028	0.068
15.0	11.937	33.164	25.176	278.39	0.042	0.037
20.0	11.866	33.196	25.214	274.88	0.056	0.048
25.0	11.811	33.208	25.234	273.12	0.070	0.047
30.0	11.757	33.211	25.247	272.03	0.084	0.040
40.0	11.713	33.304	25.327	264.63	0.110	0.105
50.0	10.937	33.331	25.489	249.43	0.136	-0.018
60.0	9.781	33.264	25.634	235.66	0.160	-0.275
70.0	10.167	33.548	25.792	221.00	0.183	0.017
80.0	10.025	33.623	25.875	213.30	0.205	0.052
100.0	9.421	33.780	26.098	192.46	0.245	0.075
120.0	9.174	33.875	26.212	181.99	0.282	0.109
140.0	9.123	33.882	26.226	181.07	0.318	0.106
160.0	8.993	33.933	26.287	175.65	0.354	0.125
180.0	8.752	34.003	26.380	167.12	0.389	0.143
200.0	8.623	34.023	26.416	164.08	0.422	0.138
250.0	8.255	34.083	26.520	155.01	0.501	0.128
300.0	7.667	34.124	26.640	144.21	0.576	0.073
350.0	7.187	34.154	26.732	135.99	0.647	0.028
400.0	6.805	34.179	26.804	129.62	0.713	-0.006
450.0	6.517	34.198	26.858	125.02	0.777	-0.029
500.0	6.308	34.216	26.900	121.57	0.839	-0.043
550.0	6.050	34.238	26.950	117.22	0.898	-0.059
600.0	5.487	34.276	27.050	107.70	0.955	-0.098
650.0	5.271	34.298	27.094	103.92	1.008	-0.107
700.0	5.017	34.328	27.148	99.07	1.058	-0.113
750.0	4.826	34.354	27.190	95.31	1.107	-0.114
800.0	4.595	34.377	27.234	91.28	1.153	-0.122
859.0	4.378	34.406	27.281	87.10	1.206	-0.123

STATION: 7 DATE: 2/22/91 0630 GMT

LAT: 36 20.0 N. LON: 122 15.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.193	33.187	25.145	281.01	0.008	0.105
5.0	12.193	33.187	25.145	281.05	0.014	0.105
10.0	12.189	33.186	25.145	281.18	0.028	0.103
15.0	12.165	33.182	25.147	281.14	0.042	0.095
20.0	11.880	33.152	25.177	278.38	0.056	0.016
25.0	11.925	33.197	25.204	275.96	0.070	0.060
30.0	12.072	33.244	25.213	275.24	0.084	0.126
40.0	11.975	33.245	25.232	273.65	0.111	0.108
50.0	11.506	33.225	25.304	267.02	0.138	0.003
60.0	11.236	33.311	25.420	256.23	0.164	0.020
70.0	10.165	33.208	25.527	246.12	0.190	-0.254
80.0	9.815	33.243	25.613	238.10	0.214	-0.286
100.0	10.053	33.619	25.867	214.45	0.258	0.054
120.0	9.471	33.750	26.067	195.84	0.299	0.059
140.0	9.126	33.882	26.225	181.10	0.337	0.107
160.0	9.000	33.920	26.275	176.73	0.373	0.116
180.0	8.867	33.983	26.346	170.39	0.408	0.145
200.0	8.642	34.026	26.416	164.10	0.441	0.143
250.0	8.099	34.100	26.556	151.45	0.520	0.118
300.0	7.662	34.126	26.642	144.00	0.593	0.074
350.0	7.201	34.165	26.738	135.42	0.663	0.038
400.0	6.785	34.181	26.808	129.23	0.729	-0.007
450.0	6.451	34.204	26.871	123.73	0.792	-0.034
500.0	6.319	34.214	26.897	121.87	0.854	-0.043
550.0	6.066	34.237	26.948	117.46	0.914	-0.058
600.0	5.687	34.257	27.011	111.70	0.972	-0.090
650.0	5.277	34.300	27.095	103.85	1.026	-0.105
700.0	5.080	34.321	27.134	100.41	1.077	-0.112
750.0	4.774	34.355	27.197	94.60	1.126	-0.119
800.0	4.564	34.383	27.242	90.46	1.172	-0.120
959.0	3.994	34.451	27.358	80.06	1.309	-0.128

STATION: 8 DATE: 2/22/91 1236 GMT

LAT: 36 20.0 N. LON: 122 19.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.213	33.195	25.148	280.78	0.008	0.115
5.0	12.213	33.195	25.148	280.82	0.014	0.115
10.0	12.212	33.195	25.148	280.93	0.028	0.115
15.0	12.211	33.196	25.149	280.94	0.042	0.115
20.0	12.204	33.199	25.153	280.72	0.056	0.116
25.0	12.176	33.210	25.167	279.50	0.070	0.119
30.0	12.147	33.225	25.184	277.99	0.084	0.125
40.0	12.015	33.245	25.225	274.33	0.112	0.116
50.0	11.659	33.290	25.326	264.94	0.139	0.083
60.0	11.295	33.403	25.481	250.45	0.165	0.104
70.0	10.386	33.500	25.717	228.10	0.189	0.018
80.0	10.014	33.628	25.880	212.80	0.211	0.054
100.0	9.721	33.760	26.033	198.72	0.252	0.109
120.0	9.384	33.825	26.139	188.93	0.290	0.104
140.0	9.158	33.885	26.223	181.38	0.327	0.114
160.0	8.820	33.992	26.360	168.61	0.363	0.145
180.0	8.674	34.013	26.400	165.19	0.396	0.138
200.0	8.577	34.039	26.436	162.17	0.429	0.144
250.0	8.032	34.090	26.558	151.23	0.508	0.100
300.0	7.603	34.127	26.651	143.11	0.581	0.065
350.0	7.178	34.136	26.718	137.25	0.651	0.012
400.0	6.828	34.184	26.805	129.60	0.717	0.001
450.0	6.507	34.199	26.860	124.85	0.781	-0.030
500.0	6.102	34.234	26.940	117.55	0.842	-0.055
550.0	5.861	34.248	26.982	113.97	0.900	-0.075
600.0	5.545	34.270	27.038	108.92	0.956	-0.097
650.0	5.333	34.295	27.084	104.95	1.009	-0.102
700.0	5.012	34.327	27.147	99.12	1.060	-0.115
750.0	4.773	34.358	27.199	94.36	1.108	-0.117
800.0	4.485	34.394	27.260	88.68	1.154	-0.120
911.0	4.190	34.430	27.320	83.53	1.249	-0.124

STATION: 9 DATE: 2/22/91 1330 GMT

LAT: 36 20.1 N. LON: 122 22.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.149	33.226	25.184	277.33	0.008	0.127
5.0	12.149	33.226	25.184	277.38	0.014	0.127
10.0	12.145	33.227	25.186	277.35	0.028	0.127
15.0	12.137	33.232	25.191	276.95	0.042	0.129
20.0	12.111	33.238	25.201	276.15	0.055	0.129
25.0	12.025	33.248	25.225	273.98	0.069	0.120
30.0	12.008	33.263	25.240	272.66	0.083	0.129
40.0	11.966	33.268	25.252	271.80	0.110	0.124
50.0	11.919	33.289	25.277	269.63	0.137	0.132
60.0	11.628	33.320	25.356	262.39	0.164	0.101
70.0	11.277	33.407	25.488	250.02	0.190	0.104
80.0	10.746	33.465	25.628	236.89	0.214	0.054
100.0	9.935	33.702	25.952	206.40	0.258	0.099
120.0	9.427	33.819	26.127	190.09	0.297	0.106
140.0	9.192	33.892	26.223	181.38	0.335	0.125
160.0	8.992	33.951	26.301	174.26	0.370	0.140
180.0	8.807	33.995	26.365	168.54	0.405	0.145
200.0	8.632	34.024	26.415	164.14	0.438	0.140
250.0	8.145	34.081	26.534	153.54	0.518	0.110
300.0	7.410	34.082	26.643	143.70	0.592	0.003
350.0	6.817	34.113	26.750	133.97	0.661	-0.055
400.0	6.747	34.190	26.820	128.05	0.727	-0.005
450.0	6.537	34.211	26.865	124.36	0.790	-0.017
500.0	6.161	34.227	26.927	118.85	0.851	-0.053
550.0	5.778	34.248	26.992	112.90	0.909	-0.085
600.0	5.500	34.275	27.048	107.97	0.965	-0.098
650.0	5.316	34.297	27.087	104.60	1.018	-0.103
700.0	4.944	34.340	27.165	97.31	1.069	-0.112
750.0	4.596	34.379	27.235	90.65	1.115	-0.120
800.0	4.437	34.399	27.269	87.77	1.160	-0.122
1000.0	4.030	34.449	27.353	80.99	1.329	-0.126
1161.0	3.614	34.486	27.425	74.58	1.455	-0.139

STATION: 10 DATE: 2/22/91 1818 GMT

LAT: 36 20.1 N. LON: 122 25.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.146	33.227	25.185	277.21	0.008	0.128
5.0	12.144	33.228	25.187	277.14	0.014	0.128
10.0	12.130	33.248	25.205	275.50	0.028	0.141
15.0	12.189	33.301	25.235	272.79	0.041	0.194
20.0	12.185	33.295	25.231	273.28	0.055	0.189
25.0	12.190	33.346	25.270	269.72	0.069	0.230
30.0	12.114	33.364	25.298	267.14	0.082	0.230
40.0	11.989	33.374	25.330	264.38	0.109	0.213
50.0	11.805	33.373	25.364	261.36	0.135	0.177
60.0	11.316	33.365	25.448	253.59	0.161	0.078
70.0	10.759	33.413	25.584	240.78	0.185	0.014
80.0	10.447	33.451	25.669	232.94	0.209	-0.011
100.0	9.981	33.652	25.905	210.85	0.254	0.068
120.0	9.782	33.728	25.998	202.44	0.295	0.093
140.0	9.366	33.842	26.156	187.77	0.334	0.115
160.0	9.080	33.929	26.270	177.25	0.371	0.137
180.0	8.888	33.973	26.335	171.41	0.406	0.140
200.0	8.705	34.011	26.394	166.20	0.439	0.141
250.0	8.092	34.084	26.545	152.55	0.519	0.104
300.0	7.397	34.098	26.657	142.36	0.593	0.013
350.0	6.929	34.117	26.738	135.20	0.662	-0.037
400.0	6.791	34.195	26.818	128.28	0.728	0.005
450.0	6.426	34.208	26.877	123.09	0.790	-0.034
500.0	6.155	34.229	26.929	118.62	0.851	-0.053
550.0	5.785	34.249	26.992	112.91	0.909	-0.083
600.0	5.488	34.276	27.050	107.71	0.964	-0.098
650.0	5.204	34.311	27.112	102.11	1.016	-0.104
700.0	4.989	34.336	27.157	98.17	1.066	-0.110
750.0	4.628	34.376	27.229	91.30	1.113	-0.119
800.0	4.468	34.394	27.261	88.52	1.158	-0.122
1000.0	4.010	34.450	27.355	80.67	1.328	-0.127
1200.0	3.490	34.499	27.447	72.44	1.481	-0.141
1400.0	3.108	34.532	27.511	66.81	1.620	-0.151
1600.0	2.683	34.565	27.576	60.55	1.746	-0.164
1615.0	2.677	34.565	27.577	60.56	1.755	-0.164

STATION: 11 DATE: 2/22/91 2353 GMT

LAT: 36 20.1 N. LON: 122 28.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.370	33.329	25.222	273.74	0.008	0.253
5.0	12.367	33.331	25.224	273.58	0.014	0.253
10.0	12.301	33.356	25.256	270.62	0.027	0.261
15.0	12.243	33.368	25.277	268.83	0.041	0.258
20.0	12.196	33.370	25.288	267.91	0.054	0.251
25.0	12.114	33.368	25.301	266.73	0.068	0.233
30.0	12.050	33.368	25.313	265.70	0.081	0.220
40.0	11.948	33.370	25.334	263.95	0.107	0.202
50.0	11.889	33.384	25.357	262.08	0.134	0.202
60.0	11.547	33.441	25.465	252.00	0.159	0.182
70.0	11.194	33.501	25.576	241.65	0.184	0.164
80.0	11.141	33.512	25.594	240.18	0.208	0.162
100.0	10.302	33.550	25.771	223.66	0.255	0.042
120.0	9.801	33.708	25.979	204.20	0.298	0.081
140.0	9.329	33.858	26.174	186.03	0.337	0.121
160.0	9.093	33.928	26.267	177.52	0.373	0.138
180.0	8.794	33.992	26.365	168.57	0.408	0.141
200.0	8.353	34.063	26.489	157.05	0.440	0.128
250.0	7.863	34.101	26.592	147.92	0.517	0.084
300.0	7.377	34.146	26.698	138.52	0.588	0.048
350.0	6.906	34.167	26.780	131.17	0.656	-0.001
400.0	6.644	34.204	26.845	125.58	0.720	-0.007
450.0	6.247	34.221	26.911	119.73	0.782	-0.046
500.0	6.044	34.240	26.952	116.34	0.841	-0.058
550.0	5.769	34.255	26.999	112.26	0.898	-0.080
600.0	5.446	34.282	27.060	106.73	0.953	-0.098
650.0	5.178	34.303	27.109	102.38	1.005	-0.114
700.0	4.942	34.339	27.164	97.37	1.055	-0.113
750.0	4.674	34.373	27.222	92.08	1.102	-0.116
800.0	4.479	34.394	27.260	88.62	1.147	-0.121
1000.0	4.017	34.451	27.356	80.68	1.318	-0.126
1200.0	3.519	34.499	27.445	72.78	1.471	-0.138
1400.0	3.134	34.532	27.508	67.16	1.611	-0.149
1600.0	2.778	34.560	27.564	62.02	1.740	-0.159
1800.0	2.403	34.588	27.619	56.55	1.859	-0.170
1823.0	2.374	34.590	27.623	56.16	1.872	-0.171

STATION: 12 DATE: 2/23/91 1048 GMT

LAT: 36 20.0 N. LON: 122 32.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.201	33.285	25.220	273.92	0.008	0.184
5.0	12.201	33.285	25.220	273.96	0.014	0.184
10.0	12.204	33.288	25.222	273.92	0.027	0.187
15.0	12.220	33.313	25.238	272.47	0.041	0.210
20.0	12.231	33.330	25.250	271.50	0.055	0.226
25.0	12.179	33.359	25.282	268.56	0.068	0.238
30.0	12.113	33.375	25.307	266.31	0.082	0.238
40.0	12.069	33.382	25.321	265.22	0.108	0.235
50.0	12.030	33.394	25.338	263.84	0.135	0.237
60.0	11.924	33.404	25.366	261.45	0.161	0.224
70.0	11.570	33.463	25.478	251.00	0.187	0.204
80.0	10.874	33.486	25.621	237.53	0.211	0.093
100.0	10.349	33.546	25.760	224.73	0.257	0.047
120.0	9.831	33.708	25.974	204.67	0.300	0.086
140.0	9.480	33.790	26.096	193.44	0.340	0.092
160.0	9.112	33.919	26.257	178.52	0.377	0.133
180.0	8.888	33.984	26.344	170.63	0.411	0.149
200.0	8.583	34.042	26.437	162.03	0.445	0.147
250.0	7.955	34.084	26.565	150.52	0.522	0.084
300.0	7.305	34.130	26.695	138.70	0.594	0.025
350.0	7.017	34.151	26.753	133.87	0.662	0.002
400.0	6.535	34.191	26.849	125.13	0.727	-0.032
450.0	6.152	34.228	26.928	118.00	0.788	-0.053
500.0	5.996	34.242	26.960	115.57	0.847	-0.062
550.0	5.733	34.262	27.009	111.32	0.903	-0.080
600.0	5.368	34.286	27.072	105.50	0.958	-0.105
650.0	5.106	34.306	27.119	101.26	1.009	-0.120
700.0	4.942	34.325	27.154	98.37	1.059	-0.124
750.0	4.848	34.356	27.189	95.43	1.107	-0.110
800.0	4.621	34.382	27.235	91.23	1.154	-0.115
1000.0	4.024	34.451	27.355	80.77	1.325	-0.125
1200.0	3.487	34.503	27.451	72.10	1.477	-0.138
1400.0	3.077	34.535	27.516	66.22	1.615	-0.152
1600.0	2.750	34.561	27.568	61.61	1.742	-0.161
1800.0	2.472	34.583	27.609	57.76	1.862	-0.168
2000.0	2.085	34.616	27.668	51.55	1.972	-0.174
2200.0	1.929	34.632	27.694	49.26	2.072	-0.174
2231.0	1.893	34.636	27.700	48.63	2.087	-0.174

STATION: 13 DATE: 2/23/91 1218 GMT

LAT: 36 20.0 N. LON: 122 35.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.217	33.330	25.252	270.88	0.008	0.223
5.0	12.221	33.333	25.253	270.78	0.014	0.226
10.0	12.228	33.341	25.259	270.40	0.027	0.234
15.0	12.229	33.352	25.267	269.76	0.041	0.243
20.0	12.230	33.355	25.270	269.63	0.054	0.246
25.0	12.230	33.355	25.269	269.78	0.068	0.245
30.0	12.234	33.356	25.270	269.86	0.081	0.247
40.0	12.234	33.358	25.271	269.98	0.108	0.248
50.0	12.169	33.366	25.290	268.45	0.135	0.241
60.0	12.076	33.367	25.309	266.91	0.162	0.224
70.0	11.528	33.391	25.430	255.58	0.188	0.139
80.0	11.076	33.469	25.572	242.24	0.213	0.116
100.0	10.215	33.545	25.782	222.56	0.259	0.023
120.0	9.761	33.684	25.967	205.33	0.302	0.055
140.0	9.330	33.834	26.155	187.83	0.341	0.102
160.0	8.940	33.956	26.313	173.10	0.377	0.136
180.0	8.654	34.017	26.406	164.63	0.411	0.138
200.0	8.220	34.002	26.461	159.62	0.443	0.060
250.0	7.472	34.042	26.602	146.79	0.520	-0.020
300.0	7.210	34.107	26.691	139.06	0.591	-0.006
350.0	6.925	34.147	26.762	132.91	0.659	-0.014
400.0	6.603	34.191	26.841	126.00	0.724	-0.023
450.0	6.293	34.212	26.898	121.00	0.786	-0.047
500.0	6.038	34.239	26.952	116.34	0.846	-0.060
550.0	5.754	34.259	27.004	111.77	0.902	-0.079
600.0	5.393	34.282	27.066	106.11	0.957	-0.105
650.0	5.156	34.302	27.110	102.22	1.009	-0.117
700.0	4.986	34.336	27.157	98.10	1.059	-0.110
750.0	4.770	34.362	27.202	94.07	1.107	-0.114
800.0	4.601	34.382	27.238	90.98	1.153	-0.117
1000.0	3.939	34.460	27.371	79.08	1.323	-0.127
1200.0	3.473	34.502	27.452	71.98	1.475	-0.140
1400.0	3.098	34.533	27.513	66.66	1.613	-0.152
1600.0	2.705	34.564	27.573	60.89	1.740	-0.163
1800.0	2.483	34.581	27.607	58.03	1.859	-0.169
2000.0	2.127	34.612	27.662	52.36	1.970	-0.174
2200.0	1.930	34.631	27.693	49.34	2.072	-0.175
2400.0	1.825	34.644	27.713	47.82	2.169	-0.174
2585.0	1.741	34.654	27.728	46.64	2.256	-0.173

STATION: 14 DATE: 2/24/91 0618 GMT

LAT: 36 20.0 N. LON: 122 38.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.181	33.273	25.214	274.44	0.008	0.171
5.0	12.181	33.295	25.232	272.86	0.014	0.188
10.0	12.188	33.298	25.233	272.85	0.027	0.192
15.0	12.186	33.298	25.233	272.96	0.041	0.192
20.0	12.192	33.301	25.234	272.97	0.055	0.195
25.0	12.196	33.303	25.235	273.00	0.068	0.197
30.0	12.197	33.312	25.242	272.48	0.082	0.205
40.0	12.010	33.372	25.325	264.86	0.109	0.216
50.0	11.946	33.376	25.340	263.66	0.135	0.207
60.0	11.950	33.416	25.370	261.04	0.161	0.239
70.0	11.835	33.460	25.427	255.93	0.187	0.252
80.0	11.251	33.442	25.520	247.21	0.212	0.127
100.0	10.405	33.521	25.731	227.50	0.260	0.037
120.0	9.186	33.518	25.931	208.66	0.303	-0.172
140.0	8.847	33.690	26.119	191.10	0.343	-0.090
160.0	9.008	33.865	26.231	180.92	0.380	0.074
180.0	9.019	33.946	26.293	175.45	0.415	0.139
200.0	8.687	34.017	26.401	165.49	0.449	0.143
250.0	7.898	34.029	26.530	153.80	0.529	0.032
300.0	7.226	34.050	26.643	143.55	0.603	-0.049
350.0	6.757	34.095	26.744	134.50	0.673	-0.078
400.0	6.595	34.175	26.829	127.08	0.738	-0.037
450.0	6.310	34.214	26.898	121.08	0.800	-0.044
500.0	6.031	34.237	26.952	116.37	0.859	-0.062
550.0	5.770	34.257	27.000	112.17	0.917	-0.079
600.0	5.335	34.290	27.080	104.74	0.971	-0.105
650.0	5.028	34.320	27.139	99.27	1.022	-0.117
700.0	4.884	34.352	27.182	95.65	1.070	-0.109
750.0	4.733	34.357	27.203	93.94	1.118	-0.122
800.0	4.625	34.382	27.235	91.28	1.164	-0.115
1000.0	3.972	34.451	27.361	80.11	1.335	-0.130
1200.0	3.450	34.503	27.454	71.66	1.485	-0.142
1400.0	3.068	34.536	27.518	66.08	1.622	-0.152
1600.0	2.686	34.565	27.576	60.55	1.748	-0.163
1800.0	2.436	34.584	27.614	57.21	1.867	-0.170
2000.0	2.112	34.613	27.664	52.10	1.975	-0.174
2200.0	1.922	34.632	27.695	49.17	2.076	-0.175
2400.0	1.826	34.644	27.713	47.83	2.173	-0.174
2600.0	1.738	34.654	27.729	46.62	2.267	-0.173
2800.0	1.681	34.661	27.740	46.05	2.360	-0.173
3000.0	1.614	34.668	27.752	45.21	2.451	-0.173
3045.0	1.611	34.668	27.752	45.34	2.472	-0.174

STATION: 15 DATE: 2/24/91 0818 GMT

LAT: 36 20.0 N. LON: 122 42.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.223	33.265	25.200	275.79	0.008	0.173
5.0	12.225	33.264	25.199	275.95	0.014	0.172
10.0	12.265	33.301	25.221	274.03	0.028	0.210
15.0	12.317	33.339	25.240	272.31	0.041	0.250
20.0	12.330	33.351	25.247	271.78	0.055	0.262
25.0	12.315	33.354	25.252	271.40	0.068	0.261
30.0	12.295	33.356	25.258	271.01	0.082	0.259
40.0	12.270	33.357	25.264	270.68	0.109	0.255
50.0	12.149	33.364	25.293	268.20	0.136	0.236
60.0	12.094	33.368	25.306	267.14	0.163	0.229
70.0	12.042	33.371	25.318	266.23	0.189	0.220
80.0	11.418	33.395	25.453	253.61	0.216	0.121
100.0	9.634	33.435	25.793	221.41	0.263	-0.164
120.0	9.224	33.573	25.968	205.16	0.306	-0.122
140.0	8.939	33.758	26.158	187.41	0.345	-0.021
160.0	8.715	33.881	26.290	175.25	0.382	0.041
180.0	8.329	33.969	26.418	163.37	0.415	0.050
200.0	8.119	34.005	26.478	157.92	0.448	0.047
250.0	7.601	34.050	26.590	148.01	0.524	0.005
300.0	6.992	34.079	26.699	138.14	0.595	-0.058
350.0	6.726	34.115	26.763	132.63	0.663	-0.066
400.0	6.421	34.134	26.819	127.85	0.728	-0.092
450.0	6.089	34.158	26.882	122.35	0.791	-0.116
500.0	6.117	34.237	26.941	117.53	0.851	-0.051
550.0	5.831	34.262	26.997	112.54	0.909	-0.067
600.0	5.448	34.288	27.064	106.35	0.963	-0.094
650.0	5.185	34.312	27.115	101.84	1.015	-0.106
700.0	4.950	34.329	27.156	98.20	1.065	-0.120
750.0	4.751	34.351	27.196	94.64	1.113	-0.125
800.0	4.573	34.386	27.243	90.38	1.160	-0.117
1000.0	3.952	34.457	27.367	79.46	1.329	-0.128
1200.0	3.497	34.496	27.445	72.71	1.481	-0.142
1400.0	3.054	34.536	27.519	65.87	1.619	-0.153
1600.0	2.724	34.562	27.570	61.26	1.747	-0.163
1800.0	2.397	34.584	27.616	56.77	1.865	-0.174
2000.0	2.120	34.611	27.661	52.35	1.974	-0.175
2200.0	1.933	34.631	27.693	49.38	2.075	-0.175
2400.0	1.802	34.646	27.716	47.37	2.172	-0.174
2600.0	1.730	34.655	27.730	46.48	2.266	-0.173
2800.0	1.673	34.662	27.741	45.86	2.358	-0.173
3000.0	1.601	34.668	27.753	45.03	2.449	-0.174
3097.0	1.592	34.670	27.755	45.08	2.493	-0.174

STATION: 16 DATE: 2/24/91 1036 GMT

LAT: 36 20.1 N. LON: 122 48.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.419	33.254	25.154	280.16	0.008	0.203
5.0	12.419	33.254	25.154	280.21	0.014	0.203
10.0	12.415	33.252	25.154	280.40	0.028	0.200
15.0	12.460	33.267	25.157	280.23	0.042	0.221
20.0	12.472	33.271	25.158	280.24	0.056	0.227
25.0	12.542	33.309	25.174	278.88	0.070	0.270
30.0	12.547	33.331	25.190	277.43	0.084	0.289
40.0	12.363	33.354	25.243	272.63	0.112	0.270
50.0	12.269	33.360	25.266	270.71	0.139	0.256
60.0	11.931	33.325	25.304	267.38	0.166	0.163
70.0	10.893	33.201	25.396	258.72	0.192	-0.130
80.0	9.901	33.245	25.600	239.32	0.217	-0.270
100.0	9.478	33.378	25.774	223.16	0.263	-0.235
120.0	9.086	33.567	25.985	203.46	0.306	-0.149
140.0	8.616	33.744	26.197	183.62	0.345	-0.084
160.0	8.382	33.858	26.323	172.04	0.380	-0.030
180.0	8.250	33.971	26.431	162.06	0.413	0.040
200.0	7.943	34.006	26.505	155.31	0.445	0.021
250.0	7.421	34.041	26.609	146.12	0.520	-0.027
300.0	6.949	34.079	26.705	137.56	0.591	-0.064
350.0	6.558	34.122	26.791	129.87	0.658	-0.083
400.0	6.222	34.142	26.851	124.61	0.722	-0.111
450.0	5.941	34.172	26.911	119.43	0.783	-0.124
500.0	5.762	34.188	26.947	116.53	0.842	-0.134
550.0	5.526	34.225	27.004	111.44	0.899	-0.134
600.0	5.341	34.246	27.044	108.13	0.954	-0.140
650.0	5.085	34.286	27.106	102.53	1.006	-0.138
700.0	4.893	34.316	27.152	98.47	1.056	-0.137
750.0	4.705	34.349	27.200	94.20	1.105	-0.131
800.0	4.573	34.380	27.239	90.83	1.151	-0.122
1000.0	4.000	34.451	27.357	80.48	1.321	-0.128
1200.0	3.426	34.500	27.454	71.60	1.473	-0.146
1400.0	3.041	34.537	27.521	65.68	1.610	-0.154
1600.0	2.665	34.562	27.576	60.52	1.737	-0.167
1800.0	2.356	34.589	27.624	55.91	1.853	-0.173
2000.0	2.124	34.607	27.658	52.68	1.961	-0.178
2200.0	1.954	34.626	27.688	49.97	2.064	-0.177
2400.0	1.826	34.642	27.711	47.98	2.162	-0.175
2600.0	1.766	34.651	27.724	47.24	2.257	-0.174
2800.0	1.672	34.662	27.741	45.85	2.350	-0.173
2993.0	1.614	34.668	27.751	45.22	2.438	-0.174

STATION: 18 DATE: 2/25/91 0636 GMT

LAT: 36 20.0 N. LON: 123 1.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.673	33.238	25.093	286.01	0.009	0.240
5.0	12.648	33.241	25.100	285.38	0.014	0.238
10.0	12.549	33.255	25.131	282.61	0.028	0.229
15.0	12.587	33.272	25.136	282.20	0.043	0.250
20.0	12.585	33.278	25.141	281.84	0.057	0.254
25.0	12.577	33.280	25.145	281.66	0.071	0.254
30.0	12.570	33.285	25.150	281.25	0.085	0.257
40.0	12.567	33.286	25.151	281.40	0.113	0.256
50.0	12.207	33.216	25.166	280.20	0.141	0.130
60.0	11.737	33.185	25.231	274.26	0.169	0.014
70.0	11.047	33.262	25.416	256.78	0.196	-0.053
80.0	10.622	33.332	25.545	244.71	0.221	-0.075
100.0	9.714	33.400	25.752	225.28	0.268	-0.179
120.0	9.084	33.588	26.002	201.86	0.310	-0.133
140.0	8.756	33.728	26.163	186.87	0.349	-0.074
160.0	8.641	33.837	26.267	177.41	0.386	-0.006
180.0	8.447	33.932	26.371	167.81	0.420	0.039
200.0	8.200	33.980	26.447	160.95	0.453	0.039
250.0	7.546	34.022	26.575	149.32	0.531	-0.025
300.0	7.340	34.118	26.681	140.07	0.603	0.021
350.0	6.882	34.118	26.745	134.48	0.672	-0.043
400.0	6.506	34.146	26.818	128.04	0.737	-0.071
450.0	6.167	34.187	26.894	121.24	0.800	-0.084
500.0	5.676	34.200	26.966	114.59	0.858	-0.135
550.0	5.401	34.227	27.021	109.68	0.914	-0.147
600.0	5.164	34.267	27.081	104.33	0.968	-0.143
650.0	4.971	34.300	27.130	100.08	1.019	-0.140
700.0	4.766	34.334	27.181	95.54	1.068	-0.136
750.0	4.622	34.356	27.214	92.71	1.115	-0.135
800.0	4.481	34.389	27.256	89.00	1.160	-0.125
1000.0	3.914	34.462	27.375	78.64	1.327	-0.128
1200.0	3.437	34.502	27.455	71.58	1.477	-0.144
1400.0	3.018	34.534	27.521	65.63	1.614	-0.158
1600.0	2.644	34.558	27.574	60.61	1.740	-0.173
1800.0	2.362	34.583	27.619	56.42	1.856	-0.177
2000.0	2.130	34.605	27.656	52.90	1.966	-0.179
2200.0	1.957	34.626	27.687	50.05	2.069	-0.177
2400.0	1.845	34.638	27.707	48.50	2.167	-0.177
2600.0	1.766	34.650	27.723	47.32	2.263	-0.175
2800.0	1.702	34.659	27.737	46.44	2.357	-0.173
3000.0	1.645	34.665	27.747	45.89	2.449	-0.174
3200.0	1.604	34.670	27.755	45.56	2.540	-0.174
3351.0	1.591	34.672	27.759	45.68	2.609	-0.175

STATION: 17 DATE: 2/25/91 1006 GMT

LAT: 36 20.0 N. LON: 122 55.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.268	33.237	25.170	278.67	0.008	0.159
5.0	12.314	33.262	25.181	277.71	0.014	0.188
10.0	12.377	33.321	25.214	274.62	0.028	0.247
15.0	12.317	33.333	25.235	272.75	0.041	0.245
20.0	12.238	33.332	25.250	271.52	0.055	0.229
25.0	12.228	33.336	25.255	271.15	0.069	0.230
30.0	12.208	33.351	25.270	269.79	0.082	0.238
40.0	12.135	33.371	25.300	267.23	0.109	0.239
50.0	12.087	33.380	25.317	265.90	0.136	0.237
60.0	11.792	33.326	25.330	264.82	0.162	0.137
70.0	11.492	33.336	25.393	259.05	0.188	0.088
80.0	11.036	33.344	25.482	250.79	0.214	0.009
100.0	9.284	33.394	25.818	219.00	0.260	-0.255
120.0	9.066	33.567	25.988	203.18	0.302	-0.153
140.0	8.616	33.661	26.132	189.79	0.341	-0.150
160.0	8.559	33.845	26.286	175.58	0.378	-0.012
180.0	8.275	33.948	26.410	164.09	0.412	0.025
200.0	7.923	33.988	26.494	156.35	0.444	0.004
250.0	7.381	34.044	26.617	145.34	0.519	-0.031
300.0	7.260	34.123	26.696	138.59	0.590	0.014
350.0	6.723	34.123	26.770	131.96	0.658	-0.060
400.0	6.341	34.161	26.851	124.79	0.722	-0.081
450.0	6.019	34.177	26.905	120.07	0.783	-0.110
500.0	5.671	34.187	26.957	115.46	0.842	-0.145
550.0	5.376	34.213	27.013	110.41	0.898	-0.161
600.0	5.260	34.265	27.069	105.67	0.952	-0.134
650.0	4.995	34.292	27.121	100.97	1.004	-0.144
700.0	4.751	34.327	27.176	95.92	1.053	-0.144
750.0	4.628	34.365	27.220	92.11	1.100	-0.128
800.0	4.538	34.386	27.247	89.95	1.145	-0.121
1000.0	3.928	34.459	27.371	79.03	1.314	-0.129
1200.0	3.410	34.504	27.459	71.08	1.464	-0.144
1400.0	3.036	34.536	27.521	65.66	1.601	-0.154
1600.0	2.663	34.560	27.574	60.65	1.727	-0.169
1800.0	2.330	34.588	27.625	55.67	1.843	-0.176
2000.0	2.099	34.608	27.661	52.30	1.951	-0.179
2200.0	1.946	34.626	27.688	49.91	2.053	-0.178
2400.0	1.849	34.639	27.707	48.48	2.151	-0.176
2600.0	1.766	34.650	27.723	47.31	2.247	-0.175
2800.0	1.693	34.659	27.738	46.32	2.341	-0.174
3000.0	1.632	34.666	27.748	45.64	2.433	-0.174
3200.0	1.588	34.671	27.757	45.26	2.524	-0.174
3400.0	1.565	34.674	27.763	45.27	2.614	-0.175
3403.0	1.564	34.674	27.762	45.29	2.616	-0.175

STATION: 19 DATE: 2/25/91 1336 GMT

LAT: 36 15.7 N. LON: 123 10.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.283	33.076	25.042	290.83	0.009	0.034
5.0	12.292	33.092	25.053	289.85	0.015	0.048
10.0	12.312	33.107	25.061	289.23	0.029	0.064
15.0	12.308	33.122	25.073	288.16	0.043	0.075
20.0	12.305	33.132	25.082	287.48	0.058	0.083
25.0	12.272	33.142	25.096	286.26	0.072	0.084
30.0	12.211	33.141	25.107	285.31	0.086	0.071
40.0	11.828	33.172	25.203	276.42	0.115	0.021
50.0	11.537	33.226	25.299	267.49	0.142	0.009
60.0	10.021	33.067	25.441	254.09	0.168	-0.392
70.0	9.484	33.129	25.578	241.21	0.193	-0.433
80.0	8.839	33.248	25.773	222.75	0.216	-0.443
100.0	9.041	33.496	25.936	207.68	0.259	-0.213
120.0	8.720	33.634	26.095	192.99	0.299	-0.155
140.0	8.639	33.780	26.222	181.29	0.336	-0.051
160.0	8.409	33.881	26.337	170.69	0.371	-0.007
180.0	8.253	33.941	26.408	164.29	0.405	0.017
200.0	7.964	33.970	26.474	158.28	0.437	-0.004
250.0	7.497	34.010	26.573	149.48	0.514	-0.041
300.0	7.354	34.092	26.659	142.16	0.587	0.003
350.0	6.801	34.097	26.739	134.95	0.656	-0.070
400.0	6.453	34.154	26.831	126.78	0.721	-0.072
450.0	6.059	34.180	26.903	120.32	0.783	-0.102
500.0	5.679	34.207	26.972	114.07	0.841	-0.129
550.0	5.394	34.217	27.014	110.33	0.897	-0.155
600.0	5.191	34.263	27.075	104.97	0.951	-0.143
650.0	4.972	34.302	27.131	99.95	1.002	-0.138
700.0	4.793	34.330	27.174	96.21	1.051	-0.137
750.0	4.638	34.366	27.220	92.13	1.098	-0.125
800.0	4.505	34.396	27.259	88.81	1.143	-0.117
1000.0	3.971	34.453	27.362	79.98	1.311	-0.129
1200.0	3.449	34.501	27.453	71.77	1.462	-0.143
1400.0	3.014	34.537	27.524	65.33	1.600	-0.156
1600.0	2.646	34.563	27.578	60.26	1.725	-0.168
1800.0	2.336	34.591	27.627	55.53	1.841	-0.173
2000.0	2.120	34.611	27.662	52.31	1.949	-0.175
2200.0	1.951	34.629	27.690	49.75	2.051	-0.175
2400.0	1.856	34.640	27.708	48.47	2.149	-0.174
2600.0	1.761	34.651	27.725	47.17	2.245	-0.174
2800.0	1.703	34.658	27.736	46.52	2.338	-0.174
3000.0	1.648	34.664	27.746	45.97	2.430	-0.174
3200.0	1.607	34.669	27.754	45.68	2.522	-0.175
3301.0	1.588	34.671	27.758	45.56	2.568	-0.175

STATION: 20 DATE: 2/25/91 2236 GMT

LAT: 36 6.9 N. LON: 123 30.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	13.257	32.934	24.742	319.37	0.010	0.117
5.0	13.149	32.933	24.763	317.44	0.016	0.094
10.0	13.106	32.933	24.772	316.71	0.032	0.085
15.0	13.028	32.919	24.777	316.43	0.048	0.058
20.0	13.005	32.917	24.780	316.23	0.063	0.052
25.0	12.979	32.913	24.782	316.19	0.079	0.043
30.0	12.975	32.914	24.784	316.16	0.095	0.042
40.0	12.987	32.918	24.785	316.29	0.127	0.048
50.0	12.980	32.921	24.789	316.17	0.158	0.049
60.0	12.633	32.888	24.831	312.41	0.190	-0.048
70.0	11.921	32.991	25.046	292.06	0.220	-0.106
80.0	11.225	32.920	25.118	285.36	0.249	-0.295
100.0	11.096	33.091	25.275	270.89	0.305	-0.182
120.0	9.472	33.256	25.680	232.52	0.355	-0.334
140.0	8.478	33.354	25.912	210.55	0.400	-0.416
160.0	8.497	33.591	26.096	193.56	0.440	-0.224
180.0	8.387	33.832	26.302	174.39	0.477	-0.050
200.0	8.116	33.909	26.403	165.05	0.511	-0.030
250.0	7.550	34.016	26.571	149.78	0.589	-0.029
300.0	7.060	34.048	26.665	141.37	0.662	-0.073
350.0	6.663	34.095	26.756	133.28	0.731	-0.091
400.0	6.373	34.132	26.824	127.33	0.796	-0.100
450.0	6.025	34.153	26.886	121.88	0.858	-0.128
500.0	5.815	34.176	26.930	118.11	0.918	-0.136
550.0	5.357	34.244	27.040	107.91	0.975	-0.139
600.0	5.143	34.272	27.088	103.70	1.028	-0.142
650.0	4.980	34.307	27.134	99.68	1.078	-0.133
700.0	4.740	34.330	27.180	95.53	1.127	-0.142
750.0	4.608	34.366	27.223	91.79	1.174	-0.129
800.0	4.505	34.389	27.254	89.29	1.219	-0.122
1000.0	3.911	34.461	27.374	78.68	1.387	-0.129
1200.0	3.365	34.510	27.468	70.11	1.536	-0.144
1400.0	2.922	34.543	27.536	63.83	1.670	-0.159
1600.0	2.647	34.566	27.580	60.01	1.793	-0.166
1800.0	2.356	34.591	27.626	55.72	1.908	-0.171
2000.0	2.107	34.614	27.665	51.97	2.016	-0.174
2200.0	1.943	34.629	27.691	49.62	2.117	-0.175
2400.0	1.833	34.643	27.712	47.96	2.215	-0.174
2600.0	1.763	34.653	27.726	47.02	2.310	-0.172
2800.0	1.697	34.660	27.738	46.30	2.403	-0.173
3000.0	1.645	34.666	27.748	45.82	2.495	-0.173
3200.0	1.607	34.669	27.754	45.64	2.586	-0.174
3400.0	1.582	34.673	27.760	45.62	2.678	-0.175
3507.0	1.567	34.674	27.763	45.63	2.726	-0.176

STATION: 21 DATE: 2/26/91 0353 GMT

LAT: 35 57.2 N. LON: 123 50.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	13.302	32.972	24.763	317.42	0.010	0.157
5.0	13.274	32.972	24.769	316.94	0.016	0.151
10.0	13.200	32.971	24.783	315.70	0.032	0.135
15.0	13.193	32.973	24.786	315.57	0.047	0.135
20.0	13.195	32.976	24.788	315.52	0.063	0.137
25.0	13.192	32.977	24.789	315.50	0.079	0.137
30.0	13.179	32.983	24.797	314.94	0.095	0.139
40.0	12.942	32.991	24.850	310.11	0.126	0.097
50.0	12.296	32.999	24.981	297.79	0.156	-0.026
60.0	11.838	32.998	25.067	289.88	0.186	-0.116
70.0	11.268	33.002	25.174	279.79	0.214	-0.220
80.0	10.767	33.045	25.296	268.35	0.242	-0.278
100.0	10.077	33.146	25.494	249.87	0.294	-0.319
120.0	9.177	33.268	25.736	227.06	0.341	-0.373
140.0	9.079	33.525	25.954	206.83	0.384	-0.184
160.0	8.827	33.693	26.125	190.89	0.424	-0.091
180.0	8.517	33.840	26.288	175.71	0.461	-0.023
200.0	8.304	33.914	26.379	167.41	0.495	0.002
250.0	7.557	34.008	26.563	150.51	0.574	-0.034
300.0	7.018	34.015	26.644	143.30	0.647	-0.105
350.0	6.456	34.029	26.731	135.40	0.717	-0.170
400.0	6.299	34.105	26.812	128.40	0.783	-0.131
450.0	5.920	34.140	26.888	121.54	0.845	-0.152
500.0	5.474	34.151	26.952	115.67	0.905	-0.197
550.0	5.272	34.199	27.014	110.16	0.961	-0.184
600.0	5.011	34.232	27.071	105.10	1.015	-0.189
650.0	4.867	34.265	27.114	101.38	1.067	-0.179
700.0	4.669	34.293	27.159	97.42	1.116	-0.179
750.0	4.615	34.344	27.205	93.51	1.164	-0.146
800.0	4.425	34.373	27.249	89.56	1.210	-0.143
1000.0	3.856	34.449	27.371	78.88	1.377	-0.143
1200.0	3.351	34.500	27.462	70.69	1.527	-0.153
1400.0	2.957	34.538	27.529	64.62	1.662	-0.160
1600.0	2.597	34.569	27.587	59.23	1.786	-0.168
1800.0	2.245	34.592	27.635	54.36	1.899	-0.179
2000.0	2.045	34.619	27.674	50.85	2.004	-0.175
2200.0	1.915	34.633	27.696	48.97	2.104	-0.174
2400.0	1.813	34.645	27.715	47.55	2.200	-0.173
2600.0	1.730	34.655	27.730	46.48	2.294	-0.173
2800.0	1.670	34.660	27.740	45.93	2.386	-0.174
3000.0	1.627	34.667	27.750	45.50	2.478	-0.174
3200.0	1.580	34.669	27.756	45.30	2.569	-0.177
3400.0	1.549	34.674	27.763	45.06	2.659	-0.176
3600.0	1.523	34.678	27.770	44.94	2.749	-0.176
3800.0	1.502	34.683	27.777	44.81	2.839	-0.175
3917.0	1.481	34.686	27.781	44.58	2.891	-0.175

STATION. 22 DATE: 2/26/91 0818 GMT

LAT: 35 45.6 N. LON: 124 14.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	13.208	32.991	24.796	314.24	0.009	0.152
5.0	13.208	32.991	24.796	314.29	0.016	0.152
10.0	13.206	32.989	24.796	314.49	0.031	0.151
15.0	13.184	32.987	24.798	314.37	0.047	0.144
20.0	13.174	32.985	24.799	314.41	0.063	0.141
25.0	13.166	32.985	24.801	314.41	0.079	0.138
30.0	13.157	32.985	24.802	314.37	0.094	0.136
40.0	13.150	32.986	24.805	314.40	0.126	0.135
50.0	13.127	32.985	24.809	314.28	0.157	0.130
60.0	12.818	32.976	24.863	309.36	0.188	0.059
70.0	12.271	32.996	24.984	298.05	0.219	-0.034
80.0	11.781	33.061	25.126	284.67	0.248	-0.077
100.0	10.259	33.093	25.422	256.76	0.302	-0.330
120.0	9.498	33.230	25.656	234.81	0.352	-0.351
140.0	9.112	33.385	25.839	217.71	0.397	-0.290
160.0	8.674	33.554	26.040	198.93	0.438	-0.226
180.0	8.480	33.757	26.229	181.29	0.476	-0.095
200.0	8.283	33.911	26.380	167.33	0.511	-0.003
250.0	7.551	33.983	26.545	152.24	0.591	-0.055
300.0	7.016	34.024	26.652	142.55	0.664	-0.098
350.0	6.565	34.057	26.739	134.79	0.734	-0.134
400.0	6.126	34.080	26.814	128.01	0.799	-0.173
450.0	5.673	34.094	26.882	121.80	0.862	-0.218
500.0	5.447	34.137	26.944	116.41	0.922	-0.212
550.0	5.388	34.214	27.013	110.48	0.978	-0.158
600.0	5.105	34.244	27.070	105.32	1.032	-0.168
650.0	4.839	34.272	27.122	100.56	1.083	-0.177
700.0	4.695	34.317	27.175	95.95	1.132	-0.157
750.0	4.595	34.359	27.220	92.13	1.179	-0.135
800.0	4.413	34.388	27.262	88.30	1.224	-0.133
1000.0	3.820	34.462	27.384	77.52	1.390	-0.137
1200.0	3.257	34.502	27.472	69.47	1.537	-0.160
1400.0	2.938	34.543	27.535	64.02	1.669	-0.158
1600.0	2.604	34.569	27.586	59.28	1.793	-0.167
1800.0	2.288	34.594	27.633	54.73	1.907	-0.174
2000.0	2.059	34.616	27.670	51.23	2.012	-0.176
2200.0	1.906	34.632	27.696	48.98	2.112	-0.176
2400.0	1.809	34.645	27.715	47.54	2.209	-0.174
2600.0	1.745	34.654	27.728	46.74	2.303	-0.173
2800.0	1.675	34.661	27.740	45.93	2.396	-0.173
3000.0	1.630	34.666	27.749	45.62	2.487	-0.174
3200.0	1.593	34.672	27.757	45.27	2.578	-0.173
3400.0	1.561	34.675	27.763	45.16	2.668	-0.175
3600.0	1.535	34.679	27.770	45.05	2.758	-0.175
3800.0	1.513	34.682	27.775	45.05	2.849	-0.175
3967.0	1.488	34.687	27.782	44.75	2.924	-0.174

STATION: 23 DATE: 2/26/91 2341 GMT

LAT: 36 27.1 N. LON: 122 46.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.066	33.239	25.210	274.88	0.008	0.122
5.0	12.066	33.240	25.211	274.86	0.014	0.122
10.0	12.057	33.241	25.213	274.71	0.027	0.122
15.0	11.974	33.249	25.235	272.77	0.041	0.111
20.0	11.959	33.254	25.242	272.22	0.055	0.113
25.0	11.951	33.259	25.247	271.85	0.068	0.115
30.0	11.936	33.260	25.251	271.62	0.082	0.112
40.0	11.822	33.263	25.275	269.56	0.109	0.093
50.0	11.733	33.280	25.305	266.95	0.136	0.090
60.0	11.635	33.307	25.344	263.49	0.162	0.092
70.0	11.440	33.282	25.361	262.12	0.189	0.035
80.0	10.872	33.234	25.425	256.14	0.215	-0.108
100.0	10.002	33.318	25.641	235.92	0.264	-0.195
120.0	9.408	33.564	25.931	208.68	0.309	-0.099
140.0	9.476	33.778	26.088	194.24	0.349	0.082
160.0	9.067	33.808	26.178	186.01	0.387	0.039
180.0	8.993	33.905	26.266	178.05	0.423	0.103
200.0	8.709	33.961	26.354	169.93	0.458	0.102
250.0	8.237	34.080	26.520	154.97	0.539	0.123
300.0	7.377	34.079	26.645	143.45	0.614	-0.004
350.0	7.119	34.162	26.747	134.49	0.683	0.024
400.0	6.732	34.181	26.815	128.49	0.749	-0.014
450.0	6.448	34.216	26.881	122.80	0.811	-0.025
500.0	6.107	34.233	26.939	117.69	0.871	-0.056
550.0	5.703	34.253	27.006	111.56	0.929	-0.090
600.0	5.445	34.277	27.056	107.13	0.983	-0.103
650.0	5.187	34.307	27.110	102.24	1.036	-0.110
700.0	5.010	34.333	27.152	98.61	1.086	-0.110
750.0	4.768	34.366	27.206	93.71	1.135	-0.111
800.0	4.629	34.384	27.236	91.18	1.181	-0.113
1000.0	3.954	34.455	27.366	79.60	1.351	-0.129
1200.0	3.474	34.502	27.451	72.02	1.502	-0.140
1400.0	3.098	34.532	27.512	66.72	1.641	-0.153
1600.0	2.746	34.556	27.563	61.97	1.769	-0.166
1800.0	2.352	34.585	27.621	56.16	1.887	-0.176
2000.0	2.115	34.607	27.659	52.57	1.996	-0.179
2200.0	1.942	34.627	27.689	49.79	2.099	-0.177
2400.0	1.832	34.640	27.709	48.20	2.196	-0.176
2600.0	1.755	34.652	27.726	47.03	2.291	-0.174
2800.0	1.676	34.661	27.740	45.94	2.384	-0.173
2897.0	1.640	34.665	27.746	45.50	2.429	-0.174

STATION: 24 DATE: 2/27/91 0306 GMT

LAT: 36 36.0 N. LON: 122 28.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.450	33.073	25.008	294.09	0.009	0.065
5.0	12.446	33.073	25.009	294.06	0.015	0.064
10.0	12.442	33.073	25.010	294.11	0.029	0.063
15.0	12.398	33.073	25.018	293.41	0.044	0.054
20.0	12.297	33.078	25.041	291.33	0.059	0.038
25.0	12.249	33.090	25.060	289.68	0.073	0.038
30.0	12.075	33.131	25.125	283.64	0.088	0.037
40.0	11.785	33.142	25.188	277.87	0.116	-0.011
50.0	11.395	33.147	25.264	270.85	0.143	-0.080
60.0	11.032	33.187	25.360	261.86	0.170	-0.116
70.0	10.985	33.267	25.431	255.40	0.196	-0.060
80.0	11.362	33.545	25.580	241.52	0.220	0.230
100.0	10.584	33.589	25.753	225.42	0.267	0.123
120.0	9.627	33.641	25.956	206.38	0.310	-0.001
140.0	9.430	33.778	26.095	193.50	0.351	0.074
160.0	9.166	33.831	26.180	185.84	0.388	0.073
180.0	9.095	33.871	26.222	182.19	0.425	0.092
200.0	8.867	33.950	26.320	173.19	0.461	0.118
250.0	8.266	34.044	26.488	158.03	0.543	0.099
300.0	7.927	34.075	26.563	151.59	0.620	0.072
350.0	7.254	34.110	26.688	140.19	0.693	0.002
400.0	6.755	34.150	26.788	131.10	0.761	-0.035
450.0	6.493	34.175	26.843	126.41	0.825	-0.051
500.0	6.135	34.201	26.910	120.40	0.887	-0.077
550.0	5.977	34.242	26.963	115.96	0.946	-0.065
600.0	5.784	34.257	26.999	112.92	1.004	-0.077
650.0	5.260	34.296	27.094	103.93	1.058	-0.110
700.0	5.050	34.327	27.143	99.55	1.109	-0.110
750.0	4.860	34.351	27.184	95.99	1.158	-0.113
800.0	4.629	34.376	27.230	91.77	1.205	-0.119
1000.0	4.058	34.447	27.349	81.44	1.378	-0.125
1200.0	3.537	34.493	27.438	73.44	1.533	-0.141
1400.0	3.106	34.530	27.509	66.97	1.674	-0.153
1600.0	2.705	34.558	27.569	61.34	1.802	-0.167
1800.0	2.357	34.588	27.623	55.99	1.920	-0.174
2000.0	2.087	34.609	27.662	52.09	2.028	-0.179
2200.0	1.940	34.626	27.689	49.80	2.129	-0.178
2400.0	1.807	34.645	27.715	47.51	2.226	-0.174
2600.0	1.727	34.655	27.731	46.40	2.320	-0.173
2800.0	1.667	34.663	27.742	45.71	2.412	-0.173
2889.0	1.651	34.665	27.746	45.63	2.453	-0.173

STATION: 26 DATE: 2/27/91 0648 GMT

LAT: 36 36.7 N. LON: 122 9.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.173	33.193	25.154	280.20	0.008	0.106
5.0	12.173	33.193	25.154	280.25	0.014	0.106
10.0	12.172	33.193	25.154	280.35	0.028	0.105
15.0	12.156	33.196	25.160	279.95	0.042	0.105
20.0	12.027	33.213	25.198	276.46	0.056	0.093
25.0	11.699	33.243	25.282	268.56	0.070	0.054
30.0	11.586	33.257	25.314	265.62	0.083	0.044
40.0	11.356	33.261	25.359	261.57	0.109	0.003
50.0	11.159	33.264	25.397	258.13	0.135	-0.031
60.0	11.206	33.344	25.451	253.28	0.161	0.041
70.0	10.908	33.399	25.547	244.30	0.186	0.031
80.0	10.470	33.491	25.696	230.35	0.209	0.025
100.0	9.580	33.593	25.926	208.81	0.254	-0.047
120.0	9.337	33.760	26.096	193.01	0.294	0.045
140.0	9.040	33.838	26.205	183.05	0.332	0.058
160.0	8.879	33.897	26.277	176.58	0.368	0.079
180.0	8.663	33.935	26.340	170.86	0.403	0.075
200.0	8.484	34.003	26.422	163.45	0.436	0.101
250.0	8.019	34.047	26.526	154.23	0.515	0.064
300.0	7.616	34.096	26.624	145.60	0.590	0.043
350.0	7.116	34.144	26.733	135.79	0.660	0.009
400.0	6.654	34.168	26.815	128.43	0.726	-0.035
450.0	6.185	34.162	26.872	123.30	0.789	-0.101
500.0	5.834	34.193	26.941	117.12	0.849	-0.121
550.0	5.497	34.190	26.981	113.63	0.907	-0.164
600.0	5.375	34.258	27.049	107.67	0.962	-0.126
650.0	5.228	34.292	27.094	103.86	1.016	-0.117
700.0	5.048	34.318	27.136	100.23	1.067	-0.118
750.0	4.785	34.350	27.192	95.10	1.115	-0.122
800.0	4.672	34.370	27.220	92.78	1.162	-0.119
1000.0	4.035	34.448	27.352	81.09	1.336	-0.126
1200.0	3.465	34.494	27.446	72.48	1.490	-0.147
1400.0	3.049	34.531	27.515	66.22	1.628	-0.158
1600.0	2.684	34.560	27.572	60.90	1.755	-0.167
1800.0	2.372	34.589	27.623	56.06	1.871	-0.171
2000.0	2.086	34.615	27.667	51.64	1.979	-0.175
2027.0	2.062	34.618	27.672	51.23	1.993	-0.174

STATION: 27 DATE: 2/27/91 0906 GMT

LAT: 36 43.4 N. LON: 122 14.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.422	33.219	25.127	282.80	0.008	0.175
5.0	12.420	33.219	25.127	282.81	0.014	0.175
10.0	12.393	33.225	25.137	281.95	0.028	0.175
15.0	11.915	33.247	25.245	271.87	0.042	0.098
20.0	11.609	33.280	25.327	264.13	0.056	0.066
25.0	11.541	33.297	25.353	261.80	0.069	0.067
30.0	11.516	33.311	25.368	260.44	0.082	0.073
40.0	11.618	33.412	25.429	254.95	0.108	0.173
50.0	11.321	33.382	25.460	252.21	0.133	0.093
60.0	10.598	33.337	25.553	243.53	0.158	-0.075
70.0	10.339	33.433	25.673	232.32	0.182	-0.044
80.0	10.256	33.539	25.770	223.32	0.204	0.025
100.0	9.452	33.624	25.970	204.55	0.247	-0.044
120.0	9.499	33.799	26.100	192.66	0.286	0.103
140.0	9.118	33.900	26.241	179.61	0.324	0.120
160.0	8.851	33.944	26.318	172.63	0.359	0.112
180.0	8.521	33.972	26.391	165.99	0.393	0.082
200.0	8.455	33.986	26.412	164.31	0.426	0.082
250.0	8.065	34.053	26.524	154.44	0.506	0.075
300.0	7.597	34.090	26.622	145.78	0.581	0.035
350.0	7.279	34.110	26.684	140.59	0.652	0.005
400.0	6.941	34.140	26.755	134.41	0.722	-0.018
450.0	6.629	34.149	26.805	130.17	0.788	-0.053
500.0	6.240	34.164	26.868	124.52	0.851	-0.093
550.0	5.823	34.229	26.972	114.93	0.911	-0.095
600.0	5.503	34.273	27.046	108.16	0.967	-0.099
650.0	5.262	34.305	27.101	103.28	1.020	-0.102
700.0	4.847	34.348	27.182	95.53	1.070	-0.117
750.0	4.606	34.376	27.232	90.99	1.116	-0.121
800.0	4.499	34.387	27.252	89.41	1.161	-0.125
987.0	3.939	34.451	27.363	79.64	1.322	-0.134

STATION: 33 DATE: 2/27/91 1106 GMT

LAT: 36 46.7 N. LON: 122 1.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.952	33.387	25.346	261.92	0.008	0.217
5.0	11.952	33.387	25.346	261.96	0.013	0.217
10.0	11.796	33.384	25.373	259.53	0.026	0.185
15.0	11.415	33.407	25.461	251.26	0.039	0.131
20.0	11.210	33.415	25.505	247.23	0.051	0.099
25.0	11.107	33.437	25.540	243.95	0.064	0.098
30.0	10.794	33.490	25.638	234.81	0.076	0.083
40.0	10.344	33.534	25.750	224.33	0.099	0.038
50.0	10.114	33.567	25.815	218.34	0.121	0.024
60.0	10.028	33.639	25.886	211.81	0.142	0.066
70.0	9.814	33.713	25.980	203.06	0.163	0.088
80.0	9.665	33.757	26.039	197.65	0.183	0.097
100.0	9.597	33.775	26.065	195.64	0.222	0.100
120.0	9.491	33.801	26.103	192.39	0.261	0.103
140.0	9.423	33.819	26.129	190.36	0.299	0.106
160.0	9.283	33.828	26.159	187.88	0.337	0.089
180.0	8.932	33.895	26.267	177.89	0.374	0.085
200.0	8.659	33.984	26.380	167.51	0.408	0.112
250.0	8.278	34.023	26.469	159.76	0.490	0.084
300.0	7.836	34.073	26.575	150.43	0.567	0.057
350.0	7.461	34.104	26.654	143.55	0.641	0.027
400.0	6.826	34.137	26.768	133.02	0.710	-0.036
450.0	6.552	34.161	26.824	128.23	0.775	-0.054
500.0	6.303	34.184	26.875	123.92	0.838	-0.069
550.0	6.023	34.212	26.933	118.78	0.899	-0.083
600.0	5.645	34.254	27.014	111.35	0.957	-0.097
650.0	5.421	34.281	27.062	107.11	1.012	-0.103
700.0	5.269	34.297	27.094	104.53	1.065	-0.108
750.0	5.075	34.320	27.135	100.97	1.116	-0.113
800.0	4.729	34.358	27.205	94.33	1.165	-0.122
951.0	4.075	34.430	27.333	82.51	1.298	-0.136

STATION: 29 DATE: 2/27/91 1230 GMT

LAT: 36 42.2 N. LON: 122 1.8 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.749	33.305	25.320	264.37	0.008	0.113
5.0	11.749	33.306	25.321	264.34	0.013	0.114
10.0	11.435	33.327	25.395	257.42	0.026	0.071
15.0	11.177	33.368	25.474	250.04	0.039	0.056
20.0	10.837	33.472	25.616	236.65	0.051	0.077
25.0	10.416	33.534	25.737	225.19	0.063	0.050
30.0	10.244	33.554	25.783	220.97	0.074	0.036
40.0	9.986	33.632	25.887	211.25	0.095	0.053
50.0	9.945	33.667	25.922	208.17	0.116	0.074
60.0	9.864	33.697	25.959	204.84	0.137	0.084
70.0	9.761	33.732	26.004	200.81	0.157	0.094
80.0	9.732	33.748	26.021	199.38	0.177	0.101
100.0	9.503	33.802	26.101	192.16	0.217	0.106
120.0	9.427	33.833	26.139	189.00	0.255	0.118
140.0	9.276	33.877	26.197	183.80	0.292	0.127
160.0	9.171	33.907	26.238	180.28	0.328	0.134
180.0	8.987	33.954	26.305	174.33	0.364	0.141
200.0	8.745	33.986	26.368	168.62	0.398	0.128
250.0	8.304	34.072	26.504	156.51	0.479	0.127
300.0	7.682	34.085	26.606	147.36	0.555	0.044
350.0	7.256	34.102	26.681	140.82	0.627	-0.004
400.0	6.789	34.133	26.770	132.86	0.695	-0.044
450.0	6.515	34.180	26.844	126.33	0.759	-0.044
500.0	6.060	34.199	26.918	119.57	0.821	-0.088
550.0	5.750	34.249	26.996	112.50	0.879	-0.088
600.0	5.448	34.285	27.062	106.57	0.933	-0.096
650.0	5.226	34.311	27.109	102.39	0.986	-0.102
700.0	5.063	34.330	27.144	99.50	1.036	-0.106
750.0	4.729	34.366	27.210	93.27	1.085	-0.116
800.0	4.607	34.376	27.232	91.50	1.131	-0.121
1000.0	3.977	34.445	27.355	80.65	1.304	-0.135
1011.0	3.964	34.447	27.358	80.44	1.313	-0.135

STATION: 34 DATE: 2/27/91 1800 GMT

LAT: 36 47.6 N. LON: 121 50.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.790	33.373	25.365	260.07	0.008	0.175
5.0	11.712	33.379	25.385	258.30	0.013	0.165
10.0	11.193	33.463	25.545	243.19	0.025	0.134
15.0	11.001	33.488	25.599	238.16	0.037	0.119
20.0	10.808	33.524	25.661	232.35	0.049	0.113
25.0	10.661	33.547	25.705	228.29	0.061	0.104
30.0	10.361	33.591	25.791	220.17	0.072	0.086
40.0	10.207	33 601	25.826	217.08	0.094	0.067
50.0	9.925	33.644	25.907	209.58	0.115	0.052
60.0	9.885	33.653	25.921	208.47	0.136	0.052
70.0	9.858	33.656	25.928	207.98	0.157	0.050
80.0	9.828	33.659	25.936	207.51	0.178	0.047
100.0	9.552	33.715	26.025	199.38	0.219	0.045
120.0	9.334	33.758	26.095	193.15	0.258	0.043
140.0	9.067	33.810	26.179	185.50	0.296	0.041
160.0	8.133	33.958	26.438	160.99	0.330	0.012
180.0	8.077	33.969	26.456	159.69	0.362	0.012
200.0	8.005	33.981	26.476	158.05	0.394	0.011
205.0	8.001	33.983	26.478	157.96	0.402	0.011

STATION: 0 DATE: 4/ 5/91 1953 GMT

LAT: 36 33.3 N. LON: 122 1.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.418	33.009	24.965	298.22	0.009	0.007
5.0	12.315	33.059	25.023	292.71	0.015	0.027
10.0	11.795	33.189	25.222	273.88	0.029	0.030
15.0	11.376	33.290	25.377	259.23	0.042	0.031
20.0	10.324	33.463	25.698	228.83	0.055	-0.022
25.0	10.009	33.524	25.799	219.33	0.066	-0.028
30.0	9.725	33.573	25.884	211.29	0.076	-0.038
40.0	9.571	33.627	25.953	205.01	0.097	-0.020
50.0	9.476	33.653	25.989	201.79	0.118	-0.016
60.0	9.307	33.695	26.049	196.24	0.137	-0.010
70.0	9.121	33.744	26.117	189.98	0.157	-0.002
80.0	8.986	33.792	26.176	184.54	0.176	0.014
100.0	8.847	33.870	26.260	176.98	0.212	0.054
120.0	8.814	33.897	26.286	174.83	0.247	0.069
140.0	8.568	33.959	26.373	166.94	0.281	0.079
160.0	8.258	34.012	26.462	158.78	0.313	0.073
180.0	8.107	34.034	26.502	155.29	0.345	0.068
200.0	7.917	34.058	26.550	151.07	0.376	0.059
250.0	7.543	34.091	26.630	144.15	0.449	0.029
300.0	7.294	34.114	26.684	139.73	0.520	0.011
350.0	6.942	34.140	26.754	133.70	0.589	-0.017
400.0	6.417	34.187	26.862	123.83	0.653	-0.051
450.0	5.937	34.225	26.953	115.44	0.713	-0.083
500.0	5.727	34.249	26.999	111.59	0.770	-0.090
550.0	5.499	34.275	27.048	107.35	0.825	-0.097
600.0	5.338	34.294	27.082	104.53	0.878	-0.102
650.0	5.088	34.318	27.131	100.15	0.929	-0.112
700.0	4.970	34.333	27.156	98.16	0.979	-0.115
735.0	4.900	34.341	27.171	97.06	1.013	-0.116

STATION: 1 DATE: 4/ 5/91 2148 GMT

LAT: 36 19.9 N. LON: 121 56.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.059	33.341	25.474	249.77	0.007	0.013
5.0	11.059	33.341	25.474	249.81	0.012	0.013
10.0	10.972	33.360	25.505	247.01	0.025	0.012
15.0	10.795	33.409	25.574	240.53	0.037	0.019
20.0	10.686	33.443	25.619	236.31	0.049	0.026
25.0	10.615	33.460	25.645	233.96	0.061	0.027
30.0	10.544	33.472	25.667	232.00	0.072	0.024
40.0	10.373	33.490	25.711	228.02	0.095	0.008
43.0	10.140	33.506	25.763	223.13	0.102	-0.020

STATION: 2 DATE: 4/ 5/91 2230 GMT

LAT: 36 20.0 N. LON: 121 59.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.007	33.185	25.179	277.82	0.008	0.067
5.0	12.004	33.185	25.180	277.81	0.014	0.066
10.0	11.956	33.186	25.190	276.95	0.028	0.058
15.0	11.816	33.189	25.218	274.39	0.042	0.033
20.0	11.398	33.189	25.295	267.20	0.055	-0.046
25.0	11.210	33.186	25.327	264.28	0.068	-0.083
30.0	11.061	33.202	25.366	260.62	0.082	-0.098
40.0	10.231	33.380	25.649	233.89	0.106	-0.105
50.0	9.506	33.508	25.870	213.03	0.128	-0.126
60.0	9.358	33.598	25.964	204.27	0.149	-0.079
70.0	9.150	33.732	26.103	191.28	0.169	-0.007
80.0	9.089	33.790	26.158	186.26	0.188	0.029
97.0	8.935	33.866	26.242	178.58	0.219	0.064

STATION: 3 DATE: 4/ 5/91 2300 GMT

LAT: 36 20.0 N. LON: 122 2.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.880	33.138	25.166	279.03	0.008	0.005
5.0	11.863	33.138	25.169	278.77	0.014	0.002
10.0	11.863	33.139	25.171	278.77	0.028	0.003
15.0	11.851	33.140	25.173	278.63	0.042	0.001
20.0	11.813	33.138	25.179	278.19	0.056	-0.008
25.0	11.759	33.134	25.186	277.67	0.070	-0.022
30.0	11.697	33.128	25.193	277.14	0.084	-0.038
40.0	11.072	33.153	25.326	264.69	0.111	-0.135
50.0	10.299	33.353	25.617	237.16	0.136	-0.114
60.0	9.775	33.509	25.827	217.36	0.158	-0.080
70.0	9.417	33.570	25.934	207.41	0.180	-0.092
80.0	9.301	33.632	26.001	201.20	0.200	-0.062
100.0	9.162	33.709	26.084	193.72	0.239	-0.024
120.0	8.890	33.868	26.252	178.13	0.277	0.059
127.0	8.704	33.955	26.349	169.04	0.289	0.098

STATION: 4 DATE: 4/ 5/91 2330 GMT

LAT: 36 20.0 N. LON: 122 5.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.701	33.100	25.170	278.68	0.008	-0.059
5.0	11.701	33.100	25.170	278.72	0.014	-0.059
10.0	11.686	33.100	25.173	278.53	0.028	-0.062
15.0	11.622	33.100	25.185	277.55	0.042	-0.075
20.0	11.609	33.101	25.188	277.37	0.056	-0.076
25.0	11.465	33.102	25.215	274.89	0.069	-0.103
30.0	10.894	33.106	25.321	264.94	0.083	-0.205
40.0	10.526	33.272	25.515	246.68	0.109	-0.139
50.0	10.150	33.422	25.696	229.66	0.133	-0.086
60.0	9.625	33.582	25.908	209.63	0.155	-0.048
70.0	9.305	33.663	26.024	198.81	0.175	-0.037
80.0	9.125	33.721	26.098	191.93	0.195	-0.020
100.0	8.906	33.793	26.190	183.62	0.232	0.002
120.0	8.798	33.851	26.252	178.04	0.268	0.030
140.0	8.638	33.925	26.336	170.48	0.303	0.064
160.0	8.515	33.982	26.400	164.80	0.336	0.089
180.0	8.423	34.004	26.431	162.16	0.369	0.092
200.0	8.168	34.024	26.486	157.22	0.401	0.069
250.0	7.806	34.075	26.580	149.03	0.478	0.055
300.0	7.219	34.117	26.697	138.47	0.550	0.003
305.0	7.198	34.116	26.699	138.33	0.557	-0.001

STATION: 5 DATE: 4/ 6/91 0011 GMT

LAT: 36 20.1 N. LON: 122 8.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.715	33.097	25.165	279.14	0.008	-0.059
5.0	11.715	33.097	25.165	279.19	0.014	-0.059
10.0	11.703	33.097	25.168	279.06	0.028	-0.061
15.0	11.688	33.098	25.171	278.86	0.042	-0.064
20.0	11.649	33.097	25.178	278.32	0.056	-0.072
25.0	11.611	33.097	25.185	277.80	0.070	-0.079
30.0	11.498	33.095	25.204	276.09	0.084	-0.102
40.0	10.920	33.160	25.359	261.55	0.111	-0.157
50.0	10.747	33.246	25.456	252.49	0.136	-0.120
60.0	10.114	33.441	25.717	227.87	0.160	-0.077
70.0	9.817	33.528	25.835	216.85	0.182	-0.059
80.0	9.592	33.632	25.953	205.77	0.204	-0.014
100.0	9.140	33.773	26.137	188.64	0.243	0.024
120.0	8.636	33.922	26.334	170.31	0.278	0.061
140.0	8.512	33.954	26.378	166.45	0.312	0.067
160.0	8.246	34.014	26.466	158.42	0.344	0.074
180.0	8.057	34.038	26.513	154.28	0.375	0.064
200.0	7.854	34.047	26.550	150.98	0.406	0.041
250.0	7.394	34.080	26.643	142.89	0.480	-0.001
300.0	6.914	34.109	26.733	134.89	0.549	-0.045
350.0	6.487	34.154	26.826	126.51	0.614	-0.067
400.0	6.245	34.180	26.878	122.13	0.676	-0.079
450.0	5.961	34.216	26.943	116.42	0.735	-0.087
500.0	5.632	34.253	27.013	110.10	0.792	-0.098
550.0	5.495	34.265	27.040	108.07	0.846	-0.106
600.0	5.432	34.270	27.052	107.49	0.900	-0.110
637.0	5.378	34.276	27.063	106.78	0.940	-0.112

STATION: 6 DATE: 4/ 6/91 0741 GMT

LAT: 36 20.6 N. LON: 122 12.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.748	33.104	25.164	279.21	0.008	-0.047
5.0	11.755	33.105	25.164	279.30	0.014	-0.045
10.0	11.758	33.107	25.165	279.32	0.028	-0.043
15.0	11.749	33.106	25.166	279.34	0.042	-0.046
20.0	11.743	33.105	25.166	279.43	0.056	-0.048
25.0	11.750	33.106	25.166	279.58	0.070	-0.046
30.0	11.737	33.105	25.168	279.51	0.084	-0.049
40.0	11.087	33.157	25.327	264.60	0.111	-0.129
50.0	10.840	33.220	25.420	255.97	0.137	-0.124
60.0	10.601	33.295	25.520	246.66	0.162	-0.108
70.0	10.412	33.361	25.604	238.85	0.187	-0.089
80.0	10.056	33.472	25.752	224.99	0.210	-0.062
100.0	9.371	33.680	26.027	199.14	0.252	-0.013
120.0	8.945	33.817	26.203	182.80	0.290	0.027
140.0	8.651	33.910	26.322	171.82	0.325	0.054
160.0	8.414	33.974	26.409	163.86	0.359	0.068
180.0	8.158	34.011	26.477	157.71	0.391	0.058
200.0	7.891	34.042	26.541	151.92	0.422	0.042
250.0	7.513	34.067	26.616	145.51	0.496	0.006
300.0	6.958	34.116	26.732	134.97	0.566	-0.034
350.0	6.546	34.148	26.813	127.78	0.632	-0.064
400.0	6.280	34.175	26.870	122.92	0.695	-0.078
450.0	6.011	34.197	26.922	118.47	0.755	-0.095
500.0	5.878	34.212	26.951	116.24	0.814	-0.100
550.0	5.563	34.250	27.020	110.01	0.871	-0.109
600.0	5.301	34.280	27.076	105.06	0.924	-0.117
650.0	5.033	34.308	27.129	100.22	0.976	-0.126
700.0	4.886	34.335	27.167	96.98	1.025	-0.122
750.0	4.622	34.374	27.229	91.33	1.072	-0.121
800.0	4.512	34.387	27.251	89.53	1.117	-0.123
867.0	4.311	34.412	27.293	85.92	1.176	-0.125

STATION: 7 DATE: 4/ 6/91 0836 GMT

LAT: 36 20.0 N. LON: 122 15.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.907	33.140	25.163	279.36	0.008	0.012
5.0	11.909	33.141	25.163	279.36	0.014	0.013
10.0	11.912	33.141	25.163	279.50	0.028	0.014
15.0	11.881	33.136	25.165	279.46	0.042	0.003
20.0	11.887	33.136	25.164	279.65	0.056	0.005
25.0	11.859	33.132	25.166	279.59	0.070	-0.004
30.0	11.853	33.131	25.167	279.64	0.084	-0.006
40.0	11.758	33.118	25.174	279.17	0.112	-0.035
50.0	11.169	33.131	25.292	268.17	0.139	-0.135
60.0	10.836	33.218	25.419	256.29	0.166	-0.127
70.0	10.436	33.355	25.596	239.65	0.190	-0.089
80.0	10.024	33.479	25.762	223.99	0.213	-0.063
100.0	9.578	33.621	25.948	206.71	0.257	-0.025
120.0	9.071	33.782	26.156	187.28	0.296	0.019
140.0	8.688	33.896	26.305	173.38	0.332	0.049
160.0	8.387	33.976	26.414	163.35	0.366	0.065
180.0	8.131	34.009	26.479	157.46	0.398	0.052
200.0	7.811	34.043	26.553	150.70	0.429	0.031
250.0	7.329	34.085	26.656	141.61	0.502	-0.006
300.0	6.978	34.115	26.729	135.32	0.571	-0.032
350.0	6.661	34.141	26.792	129.83	0.637	-0.055
400.0	6.292	34.171	26.865	123.37	0.701	-0.079
450.0	6.045	34.195	26.916	119.03	0.761	-0.092
500.0	5.767	34.219	26.970	114.33	0.819	-0.109
550.0	5.530	34.242	27.018	110.19	0.876	-0.119
600.0	5.292	34.273	27.071	105.51	0.929	-0.124
650.0	5.091	34.303	27.119	101.30	0.981	-0.124
700.0	4.812	34.345	27.184	95.33	1.030	-0.123
750.0	4.711	34.365	27.211	93.12	1.077	-0.119
800.0	4.537	34.385	27.247	90.02	1.123	-0.122
965.0	3.991	34.448	27.356	80.29	1.264	-0.131

STATION: 8 DATE: 4/ 6/91 1130 GMT

LAT: 36 20.1 N. LON: 122 19.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.963	33.181	25.184	277.33	0.008	0.055
5.0	11.963	33.181	25.184	277.37	0.014	0.055
10.0	11.961	33.181	25.185	277.46	0.028	0.055
15.0	11.961	33.181	25.185	277.56	0.042	0.055
20.0	11.957	33.181	25.186	277.61	0.055	0.054
25.0	11.899	33.182	25.197	276.61	0.069	0.043
30.0	11.755	33.179	25.222	274.36	0.083	0.014
40.0	11.540	33.168	25.253	271.64	0.110	-0.037
50.0	11.245	33.194	25.327	264.83	0.137	-0.071
60.0	10.552	33.314	25.543	244.44	0.163	-0.101
70.0	10.197	33.421	25.688	230.89	0.186	-0.079
80.0	9.691	33.554	25.877	213.08	0.209	-0.059
100.0	9.463	33.646	25.986	203.09	0.251	-0.025
120.0	9.199	33.722	26.089	193.69	0.290	-0.008
140.0	8.891	33.863	26.248	178.88	0.327	0.054
160.0	8.533	33.946	26.368	167.74	0.362	0.063
180.0	8.176	34.011	26.474	157.97	0.394	0.060
200.0	7.883	34.042	26.542	151.77	0.425	0.041
250.0	7.220	34.092	26.677	139.55	0.498	-0.015
300.0	6.902	34.123	26.746	133.65	0.566	-0.035
350.0	6.392	34.151	26.836	125.53	0.632	-0.082
400.0	6.080	34.194	26.910	118.95	0.693	-0.089
450.0	5.778	34.218	26.967	113.93	0.751	-0.108
500.0	5.570	34.240	27.011	110.28	0.807	-0.116
550.0	5.452	34.263	27.043	107.68	0.862	-0.113
600.0	5.236	34.282	27.084	104.15	0.915	-0.123
650.0	5.081	34.304	27.120	101.14	0.966	-0.124
700.0	4.889	34.327	27.161	97.56	1.016	-0.128
750.0	4.658	34.367	27.219	92.29	1.063	-0.122
800.0	4.315	34.411	27.291	85.42	1.107	-0.125
911.0	4.024	34.443	27.348	80.59	1.199	-0.131

STATION: 9 DATE: 4/ 6/91 1230 GMT

LAT: 36 20.1 N. LON: 122 22.0 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.851	33.168	25.195	276.30	0.008	0.024
5.0	11.851	33.169	25.196	276.27	0.014	0.024
10.0	11.851	33.169	25.196	276.38	0.028	0.024
15.0	11.849	33.169	25.196	276.45	0.041	0.024
20.0	11.806	33.165	25.201	276.11	0.055	0.012
25.0	11.640	33.152	25.222	274.25	0.069	-0.030
30.0	11.625	33.151	25.224	274.17	0.083	-0.034
40.0	11.512	33.143	25.239	272.96	0.110	-0.061
50.0	11.234	33.157	25.301	267.33	0.137	-0.102
60.0	10.532	33.312	25.545	244.27	0.163	-0.106
70.0	10.453	33.344	25.584	240.78	0.187	-0.095
80.0	10.202	33.401	25.672	232.62	0.211	-0.094
100.0	9.780	33.536	25.848	216.25	0.256	-0.059
120.0	9.188	33.732	26.098	192.78	0.296	-0.001
140.0	8.984	33.805	26.188	184.61	0.334	0.023
160.0	8.730	33.905	26.306	173.73	0.370	0.062
180.0	8.496	33.962	26.387	166.32	0.404	0.070
200.0	8.257	34.004	26.457	160.02	0.436	0.067
250.0	7.593	34.063	26.601	146.93	0.513	0.014
300.0	7.052	34.103	26.709	137.21	0.584	-0.031
350.0	6.615	34.123	26.785	130.52	0.651	-0.074
400.0	6.317	34.168	26.859	123.95	0.714	-0.079
450.0	5.996	34.200	26.926	118.02	0.774	-0.095
500.0	5.723	34.222	26.978	113.55	0.832	-0.112
550.0	5.378	34.271	27.059	106.17	0.887	-0.115
600.0	5.107	34.298	27.112	101.36	0.939	-0.126
650.0	4.847	34.332	27.169	96.20	0.988	-0.129
700.0	4.684	34.360	27.210	92.66	1.035	-0.125
750.0	4.498	34.377	27.244	89.65	1.081	-0.132
800.0	4.316	34.402	27.284	86.11	1.125	-0.132
1000.0	3.807	34.462	27.385	77.38	1.287	-0.138
1200.0	3.284	34.509	27.475	69.23	1.433	-0.152
1215.0	3.230	34.514	27.484	68.37	1.444	-0.153

STATION: 10 DATE: 4/ 6/91 1553 GMT

LAT: 36 20.1 N. LON: 122 25.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.710	33.123	25.186	277.14	0.008	-0.039
5.0	11.710	33.123	25.186	277.18	0.014	-0.039
10.0	11.706	33.122	25.186	277.26	0.028	-0.041
15.0	11.661	33.118	25.192	276.91	0.042	-0.053
20.0	11.687	33.121	25.190	277.21	0.055	-0.045
25.0	11.636	33.115	25.194	276.91	0.069	-0.060
30.0	11.576	33.109	25.200	276.41	0.083	-0.077
40.0	11.436	33.115	25.231	273.74	0.111	-0.098
50.0	10.778	33.238	25.445	253.59	0.137	-0.121
60.0	10.328	33.342	25.604	238.64	0.162	-0.118
70.0	10.111	33.389	25.677	231.84	0.185	-0.119
80.0	9.896	33.445	25.757	224.42	0.208	-0.111
100.0	9.327	33.659	26.018	200.01	0.250	-0.037
120.0	8.987	33.797	26.181	184.88	0.289	0.018
140.0	8.782	33.880	26.278	176.01	0.325	0.050
160.0	8.563	33.950	26.367	167.86	0.360	0.072
180.0	8.363	33.991	26.430	162.23	0.393	0.072
200.0	8.151	34.014	26.480	157.75	0.425	0.058
250.0	7.478	34.065	26.619	145.16	0.500	-0.001
300.0	7.065	34.096	26.702	137.92	0.571	-0.035
350.0	6.586	34.110	26.778	131.13	0.638	-0.089
400.0	6.406	34.144	26.829	126.91	0.703	-0.086
450.0	6.193	34.183	26.888	121.84	0.765	-0.083
500.0	5.937	34.211	26.943	117.08	0.825	-0.094
550.0	5.631	34.233	26.998	112.17	0.882	-0.115
600.0	5.335	34.272	27.065	106.08	0.937	-0.119
650.0	5.009	34.311	27.134	99.70	0.988	-0.127
700.0	4.785	34.343	27.185	95.14	1.037	-0.127
750.0	4.592	34.371	27.229	91.20	1.083	-0.126
800.0	4.387	34.393	27.269	87.62	1.128	-0.132
1000.0	3.758	34.460	27.389	76.94	1.292	-0.145
1200.0	3.250	34.508	27.478	68.91	1.438	-0.156
1400.0	2.893	34.539	27.536	63.75	1.571	-0.165
1601.0	2.488	34.574	27.600	57.58	1.693	-0.173

STATION: 11 DATE: 4/ 6/91 1706 GMT

LAT: 36 20.0 N. LON: 122 28.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.710	33.098	25.167	278.98	0.008	-0.059
5.0	11.708	33.098	25.167	278.99	0.014	-0.060
10.0	11.691	33.100	25.172	278.66	0.028	-0.061
15.0	11.697	33.100	25.171	278.87	0.042	-0.060
20.0	11.636	33.101	25.183	277.81	0.056	-0.071
25.0	11.574	33.102	25.195	276.78	0.070	-0.082
30.0	11.532	33.103	25.204	276.06	0.083	-0.089
40.0	11.382	33.112	25.238	273.03	0.111	-0.111
50.0	11.189	33.133	25.290	268.37	0.138	-0.130
60.0	10.692	33.256	25.473	251.07	0.164	-0.123
70.0	10.211	33.415	25.681	231.53	0.188	-0.081
80.0	9.788	33.543	25.852	215.48	0.211	-0.052
100.0	9.275	33.697	26.056	196.38	0.252	-0.015
120.0	9.014	33.795	26.175	185.48	0.290	0.020
140.0	8.831	33.885	26.274	176.39	0.326	0.062
160.0	8.561	33.954	26.371	167.53	0.360	0.074
180.0	8.369	33.989	26.428	162.43	0.393	0.072
200.0	8.181	34.025	26.485	157.34	0.425	0.072
250.0	7.613	34.055	26.592	147.77	0.502	0.011
300.0	7.047	34.069	26.683	139.68	0.574	-0.059
350.0	6.731	34.109	26.758	133.10	0.642	-0.070
400.0	6.322	34.145	26.841	125.73	0.707	-0.096
450.0	6.025	34.166	26.896	120.92	0.768	-0.118
500.0	5.813	34.200	26.949	116.34	0.828	-0.118
550.0	5.546	34.246	27.019	110.13	0.884	-0.115
600.0	5.329	34.268	27.062	106.35	0.939	-0.124
650.0	5.103	34.295	27.111	102.09	0.991	-0.129
700.0	4.822	34.334	27.174	96.23	1.040	-0.130
750.0	4.626	34.362	27.219	92.28	1.087	-0.130
800.0	4.466	34.387	27.256	89.01	1.133	-0.128
1000.0	3.771	34.458	27.386	77.21	1.299	-0.144
1200.0	3.255	34.503	27.473	69.38	1.446	-0.160
1400.0	2.917	34.533	27.529	64.51	1.580	-0.168
1600.0	2.569	34.566	27.587	59.09	1.703	-0.172
1800.0	2.135	34.604	27.653	52.17	1.815	-0.178
1821.0	2.066	34.609	27.663	51.07	1.825	-0.180

STATION: 13 DATE: 4/ 7/91 0653 GMT

LAT: 36 20.1 N. LON: 122 35.4 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.915	33.093	25.125	282.97	0.008	-0.024
5.0	11.918	33.093	25.124	283.07	0.014	-0.023
10.0	11.918	33.093	25.124	283.19	0.028	-0.024
15.0	11.921	33.093	25.124	283.35	0.042	-0.023
20.0	11.894	33.092	25.129	283.02	0.057	-0.029
25.0	11.854	33.092	25.136	282.45	0.071	-0.037
30.0	11.495	33.069	25.184	277.94	0.085	-0.123
40.0	10.803	33.037	25.283	268.73	0.112	-0.277
50.0	10.617	33.191	25.436	254.42	0.138	-0.188
60.0	10.333	33.336	25.598	239.21	0.163	-0.122
70.0	10.074	33.400	25.692	230.42	0.186	-0.116
80.0	9.855	33.411	25.738	226.29	0.209	-0.145
100.0	9.165	33.538	25.950	206.45	0.253	-0.159
120.0	8.913	33.735	26.144	188.40	0.292	-0.044
140.0	8.822	33.845	26.244	179.21	0.329	0.029
160.0	8.538	33.913	26.342	170.26	0.364	0.038
180.0	8.297	33.993	26.442	161.08	0.397	0.064
200.0	8.127	34.029	26.496	156.30	0.429	0.067
250.0	7.767	34.065	26.577	149.26	0.505	0.041
300.0	7.326	34.088	26.660	142.07	0.578	-0.004
350.0	7.022	34.131	26.736	135.43	0.647	-0.013
400.0	6.461	34.138	26.817	128.09	0.713	-0.084
450.0	6.005	34.159	26.893	121.18	0.776	-0.126
500.0	5.838	34.236	26.975	113.94	0.834	-0.086
550.0	5.566	34.246	27.016	110.38	0.890	-0.112
600.0	5.309	34.279	27.073	105.28	0.944	-0.117
650.0	5.059	34.310	27.128	100.43	0.996	-0.122
700.0	4.815	34.340	27.179	95.74	1.045	-0.126
750.0	4.586	34.370	27.229	91.19	1.091	-0.128
800.0	4.461	34.394	27.262	88.40	1.136	-0.123
1000.0	3.863	34.456	27.375	78.44	1.303	-0.137
1200.0	3.298	34.503	27.469	69.87	1.450	-0.156
1400.0	2.947	34.534	27.527	64.79	1.584	-0.164
1600.0	2.604	34.562	27.581	59.79	1.708	-0.172
1800.0	2.217	34.597	27.642	53.62	1.822	-0.177
2000.0	1.960	34.622	27.683	49.56	1.925	-0.178
2200.0	1.833	34.637	27.705	47.70	2.022	-0.177
2400.0	1.758	34.650	27.723	46.52	2.116	-0.174
2489.0	1.726	34.654	27.729	46.12	2.157	-0.174

STATION: 12 DATE: 4/ 7/91 1641 GMT

LAT: 36 20.0 N. LON: 122 32.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.723	33.121	25.182	277.51	0.008	-0.038
5.0	11.722	33.121	25.182	277.54	0.014	-0.039
10.0	11.717	33.121	25.183	277.56	0.028	-0.040
15.0	11.711	33.121	25.185	277.56	0.042	-0.041
20.0	11.703	33.121	25.186	277.54	0.056	-0.043
25.0	11.701	33.121	25.187	277.61	0.069	-0.043
30.0	11.686	33.120	25.189	277.50	0.083	-0.046
40.0	11.559	33.115	25.209	275.86	0.111	-0.075
50.0	10.666	33.153	25.398	258.01	0.138	-0.209
60.0	10.197	33.296	25.590	239.96	0.162	-0.178
70.0	9.991	33.400	25.706	229.12	0.186	-0.131
80.0	9.666	33.485	25.827	217.80	0.208	-0.118
100.0	9.432	33.635	25.983	203.39	0.250	-0.038
120.0	9.125	33.764	26.133	189.47	0.289	0.013
140.0	8.745	33.842	26.254	178.23	0.326	0.015
160.0	8.484	33.906	26.345	169.98	0.361	0.024
180.0	8.344	33.957	26.406	164.48	0.394	0.043
200.0	8.097	34.018	26.492	156.63	0.426	0.054
250.0	7.623	34.068	26.601	146.98	0.502	0.022
300.0	7.425	34.107	26.661	142.05	0.574	0.025
350.0	6.955	34.129	26.744	134.66	0.644	-0.024
400.0	6.475	34.145	26.821	127.71	0.709	-0.076
450.0	6.069	34.164	26.889	121.63	0.771	-0.114
500.0	5.890	34.222	26.957	115.69	0.831	-0.091
550.0	5.690	34.240	26.997	112.36	0.888	-0.102
600.0	5.332	34.284	27.075	105.15	0.942	-0.110
650.0	5.108	34.315	27.126	100.62	0.994	-0.112
700.0	4.806	34.343	27.183	95.36	1.043	-0.125
750.0	4.707	34.357	27.206	93.63	1.090	-0.125
800.0	4.458	34.388	27.258	88.84	1.135	-0.128
1000.0	3.890	34.449	27.367	79.28	1.303	-0.140
1200.0	3.340	34.498	27.461	70.74	1.453	-0.156
1400.0	2.906	34.535	27.532	64.20	1.588	-0.167
1600.0	2.483	34.573	27.599	57.59	1.709	-0.174
1800.0	2.183	34.601	27.647	52.96	1.820	-0.177
2000.0	1.976	34.620	27.680	49.89	1.923	-0.179
2061.0	1.937	34.625	27.687	49.33	1.953	-0.178

STATION: 14 DATE: 4/ 7/91 2348 GMT

LAT: 36 20.0 N. LON: 122 38.5 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.880	33.112	25.146	280.95	0.008	-0.016
5.0	11.878	33.112	25.146	280.96	0.014	-0.016
10.0	11.872	33.111	25.147	281.00	0.028	-0.018
15.0	11.869	33.112	25.148	281.02	0.042	-0.018
20.0	11.865	33.111	25.149	281.10	0.056	-0.019
25.0	11.884	33.112	25.146	281.51	0.070	-0.015
30.0	11.865	33.113	25.150	281.21	0.084	-0.018
40.0	11.835	33.110	25.154	281.08	0.112	-0.026
50.0	10.756	33.120	25.356	262.00	0.140	-0.220
60.0	10.675	33.379	25.572	241.69	0.165	-0.028
70.0	10.344	33.442	25.679	231.71	0.189	-0.036
80.0	10.107	33.529	25.788	221.59	0.211	-0.008
100.0	9.576	33.664	25.982	203.49	0.254	0.009
120.0	9.176	33.683	26.061	196.26	0.294	-0.043
140.0	8.990	33.817	26.196	183.80	0.332	0.034
160.0	8.659	33.895	26.310	173.37	0.368	0.043
180.0	8.461	33.945	26.379	167.10	0.402	0.051
200.0	8.228	33.995	26.454	160.26	0.435	0.055
250.0	7.625	34.065	26.598	147.20	0.511	0.021
300.0	7.162	34.103	26.694	138.72	0.583	-0.016
350.0	6.710	34.137	26.783	130.74	0.650	-0.051
400.0	6.416	34.163	26.843	125.60	0.714	-0.070
450.0	5.999	34.193	26.920	118.58	0.775	-0.100
500.0	5.630	34.215	26.984	112.86	0.833	-0.128
550.0	5.457	34.246	27.029	109.00	0.889	-0.125
600.0	5.237	34.273	27.078	104.79	0.942	-0.130
650.0	5.060	34.297	27.118	101.37	0.994	-0.132
700.0	4.887	34.320	27.156	98.06	1.043	-0.134
750.0	4.693	34.353	27.204	93.80	1.091	-0.130
800.0	4.521	34.372	27.238	90.79	1.138	-0.134
1000.0	3.784	34.451	27.379	77.92	1.305	-0.149
1200.0	3.301	34.500	27.466	70.14	1.454	-0.158
1400.0	2.887	34.537	27.535	63.82	1.587	-0.167
1600.0	2.567	34.565	27.586	59.18	1.711	-0.173
1800.0	2.254	34.594	27.636	54.32	1.824	-0.177
2000.0	2.066	34.613	27.667	51.54	1.929	-0.178
2200.0	1.885	34.631	27.697	48.79	2.029	-0.178
2400.0	1.784	34.643	27.715	47.33	2.126	-0.177
2600.0	1.724	34.654	27.730	46.47	2.219	-0.174
2800.0	1.669	34.661	27.740	45.88	2.312	-0.174
2999.0	1.605	34.668	27.752	45.11	2.402	-0.174

STATION: 15 DATE: 4/ 8/91 0206 GMT

LAT: 36 20.0 N. LON: 122 42.3 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.922	33.112	25.138	281.69	0.008	-0.008
5.0	11.922	33.112	25.138	281.74	0.014	-0.008
10.0	11.920	33.112	25.139	281.82	0.028	-0.008
15.0	11.921	33.112	25.139	281.94	0.042	-0.008
20.0	11.919	33.110	25.138	282.17	0.056	-0.010
25.0	11.921	33.112	25.139	282.17	0.070	-0.008
30.0	11.922	33.112	25.139	282.30	0.085	-0.008
40.0	11.907	33.111	25.141	282.29	0.113	-0.012
50.0	11.854	33.110	25.151	281.64	0.141	-0.023
60.0	10.596	33.201	25.447	253.55	0.168	-0.184
70.0	10.656	33.425	25.612	238.13	0.192	0.006
80.0	10.325	33.504	25.731	227.04	0.215	0.009
100.0	9.811	33.608	25.899	211.41	0.259	0.003
120.0	9.559	33.673	25.992	202.97	0.301	0.012
140.0	9.208	33.737	26.099	193.08	0.340	0.005
160.0	8.955	33.839	26.220	182.00	0.378	0.045
180.0	8.592	33.932	26.349	169.98	0.413	0.062
200.0	8.384	34.000	26.434	162.22	0.446	0.083
250.0	7.742	34.056	26.574	149.53	0.524	0.031
300.0	7.304	34.090	26.664	141.62	0.596	-0.006
350.0	6.762	34.115	26.758	133.11	0.665	-0.062
400.0	6.500	34.159	26.829	127.04	0.730	-0.062
450.0	6.180	34.180	26.887	121.90	0.792	-0.087
500.0	5.848	34.214	26.956	115.71	0.852	-0.102
550.0	5.484	34.245	27.026	109.38	0.908	-0.123
600.0	5.251	34.278	27.079	104.63	0.961	-0.125
650.0	4.956	34.311	27.140	99.08	1.012	-0.133
700.0	4.756	34.340	27.186	94.98	1.061	-0.132
750.0	4.642	34.358	27.214	92.77	1.108	-0.131
800.0	4.511	34.386	27.250	89.63	1.154	-0.124
1000.0	3.826	34.456	27.379	78.00	1.320	-0.141
1200.0	3.282	34.503	27.471	69.65	1.468	-0.157
1400.0	2.899	34.533	27.531	64.26	1.602	-0.169
1600.0	2.571	34.562	27.583	59.41	1.725	-0.175
1800.0	2.282	34.588	27.629	55.06	1.840	-0.179
2000.0	2.055	34.613	27.668	51.41	1.946	-0.179
2200.0	1.869	34.632	27.699	48.48	2.046	-0.178
2400.0	1.786	34.644	27.716	47.31	2.141	-0.177
2600.0	1.721	34.654	27.730	46.43	2.235	-0.175
2800.0	1.654	34.662	27.742	45.60	2.327	-0.174
3000.0	1.612	34.666	27.750	45.36	2.418	-0.175
3049.0	1.600	34.668	27.753	45.20	2.440	-0.175

STATION: 16 DATE: 4/ 8/91 1936 GMT

LAT: 36 20.0 N. LON: 122 48.2 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	11.939	33.093	25.120	283.40	0.009	-0.019
5.0	11.936	33.093	25.121	283.39	0.014	-0.020
10.0	11.931	33.094	25.123	283.34	0.028	-0.020
15.0	11.931	33.095	25.124	283.38	0.043	-0.020
20.0	11.922	33.096	25.126	283.25	0.057	-0.021
25.0	11.908	33.095	25.128	283.19	0.071	-0.024
30.0	11.910	33.096	25.129	283.27	0.085	-0.023
40.0	11.882	33.093	25.132	283.17	0.113	-0.031
50.0	11.838	33.090	25.138	282.84	0.142	-0.042
60.0	11.626	33.073	25.164	280.57	0.170	-0.096
70.0	10.968	33.042	25.258	271.77	0.198	-0.244
80.0	9.956	33.086	25.467	252.02	0.224	-0.388
100.0	9.218	33.260	25.724	227.89	0.271	-0.372
120.0	9.089	33.462	25.902	211.29	0.316	-0.232
140.0	8.936	33.594	26.030	199.53	0.357	-0.152
160.0	8.894	33.759	26.166	187.00	0.395	-0.028
180.0	8.605	33.849	26.282	176.36	0.432	-0.003
200.0	8.228	33.901	26.380	167.24	0.466	-0.019
250.0	7.481	33.968	26.543	152.38	0.546	-0.077
300.0	7.106	34.050	26.660	141.85	0.619	-0.065
350.0	6.811	34.117	26.753	133.63	0.688	-0.053
400.0	6.392	34.128	26.819	127.87	0.753	-0.100
450.0	6.049	34.186	26.909	119.74	0.815	-0.099
500.0	5.814	34.227	26.971	114.31	0.874	-0.096
550.0	5.445	34.249	27.034	108.59	0.929	-0.124
600.0	5.166	34.275	27.087	103.77	0.982	-0.137
650.0	4.972	34.323	27.148	98.39	1.033	-0.122
700.0	4.748	34.350	27.195	94.18	1.081	-0.126
750.0	4.598	34.372	27.229	91.23	1.128	-0.125
800.0	4.432	34.398	27.268	87.78	1.172	-0.123
1000.0	3.835	34.463	27.384	77.60	1.337	-0.134
1200.0	3.349	34.499	27.461	70.77	1.485	-0.154
1400.0	2.869	34.537	27.536	63.65	1.618	-0.169
1600.0	2.562	34.564	27.586	59.16	1.741	-0.174
1800.0	2.257	34.590	27.633	54.61	1.855	-0.180
2000.0	2.035	34.616	27.672	50.94	1.960	-0.178
2200.0	1.889	34.631	27.696	48.83	2.059	-0.178
2400.0	1.793	34.645	27.716	47.33	2.155	-0.175
2600.0	1.720	34.654	27.730	46.42	2.249	-0.175
2800.0	1.669	34.661	27.740	45.88	2.341	-0.174
3000.0	1.602	34.668	27.752	45.08	2.432	-0.175
3011.0	1.602	34.668	27.752	45.11	2.437	-0.175

STATION: 18 DATE: 4/ 8/91 2311 GMT

LAT: 36 19.9 N. LON: 123 1.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.216	33.043	25.029	292.05	0.009	-0.005
5.0	12.214	33.043	25.030	292.06	0.015	-0.006
10.0	12.214	33.044	25.031	292.11	0.029	-0.005
15.0	12.209	33.044	25.032	292.12	0.044	-0.006
20.0	12.198	33.044	25.034	292.01	0.058	-0.008
25.0	12.163	33.045	25.041	291.45	0.073	-0.015
30.0	12.145	33.045	25.045	291.20	0.088	-0.018
40.0	12.089	33.043	25.054	290.61	0.117	-0.031
50.0	12.027	33.042	25.065	289.78	0.146	-0.044
60.0	11.497	33.068	25.184	278.68	0.174	-0.124
70.0	11.307	33.158	25.288	268.98	0.202	-0.089
80.0	10.623	33.243	25.476	251.25	0.228	-0.145
100.0	9.195	33.247	25.717	228.50	0.276	-0.386
120.0	9.083	33.485	25.921	209.50	0.319	-0.215
140.0	8.883	33.675	26.102	192.75	0.359	-0.096
160.0	8.606	33.797	26.241	179.85	0.396	-0.043
180.0	8.410	33.904	26.355	169.39	0.431	0.011
200.0	8.135	33.933	26.419	163.53	0.464	-0.008
250.0	7.618	34.009	26.555	151.26	0.543	-0.025
300.0	7.382	34.087	26.651	142.96	0.616	0.002
350.0	6.999	34.118	26.729	136.11	0.686	-0.027
400.0	6.672	34.156	26.803	129.57	0.752	-0.042
450.0	6.444	34.201	26.870	123.82	0.815	-0.037
500.0	5.960	34.235	26.959	115.63	0.875	-0.072
550.0	5.391	34.263	27.051	106.88	0.931	-0.119
600.0	5.015	34.299	27.123	100.17	0.983	-0.135
650.0	4.889	34.323	27.157	97.38	1.032	-0.131
700.0	4.692	34.353	27.204	93.24	1.079	-0.129
750.0	4.550	34.376	27.238	90.32	1.125	-0.127
800.0	4.405	34.400	27.273	87.28	1.170	-0.124
1000.0	3.807	34.466	27.389	77.04	1.333	-0.135
1200.0	3.378	34.505	27.463	70.63	1.481	-0.146
1400.0	2.962	34.537	27.528	64.71	1.616	-0.160
1600.0	2.620	34.565	27.581	59.81	1.740	-0.169
1800.0	2.321	34.589	27.627	55.49	1.856	-0.176
2000.0	2.076	34.609	27.663	51.95	1.963	-0.180
2200.0	1.921	34.627	27.691	49.52	2.064	-0.179
2400.0	1.823	34.641	27.711	48.01	2.162	-0.176
2600.0	1.744	34.652	27.727	46.87	2.257	-0.175
2800.0	1.691	34.659	27.737	46.33	2.350	-0.174
3000.0	1.622	34.666	27.749	45.50	2.442	-0.175
3200.0	1.596	34.670	27.756	45.45	2.533	-0.175
3253.0	1.595	34.670	27.756	45.59	2.557	-0.175

STATION: 17 DATE: 4/ 9/91 0448 GMT

LAT: 36 20.0 N. LON: 122 55.7 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.469	32.937	24.899	304.47	0.009	-0.040
5.0	12.469	32.937	24.899	304.51	0.015	-0.040
10.0	12.469	32.936	24.898	304.70	0.030	-0.041
15.0	12.468	32.937	24.899	304.73	0.046	-0.041
20.0	12.464	32.938	24.901	304.69	0.061	-0.041
25.0	12.470	32.937	24.899	304.99	0.076	-0.041
30.0	12.471	32.936	24.899	305.16	0.091	-0.041
40.0	11.437	33.048	25.178	278.73	0.121	-0.152
50.0	11.252	33.057	25.220	275.04	0.149	-0.179
60.0	11.161	33.075	25.250	272.39	0.176	-0.182
70.0	10.152	33.099	25.444	254.01	0.202	-0.344
80.0	9.880	33.146	25.526	246.36	0.227	-0.353
100.0	9.165	33.240	25.716	228.61	0.275	-0.397
120.0	9.118	33.459	25.895	211.99	0.318	-0.230
140.0	8.860	33.653	26.088	194.03	0.359	-0.118
160.0	8.608	33.796	26.240	179.96	0.396	-0.043
180.0	8.506	33.934	26.364	168.57	0.430	0.049
200.0	8.260	33.985	26.441	161.50	0.463	0.052
250.0	7.508	33.986	26.553	151.42	0.542	-0.059
300.0	7.304	34.099	26.671	140.95	0.615	0.001
350.0	6.978	34.121	26.734	135.57	0.684	-0.027
400.0	6.743	34.168	26.803	129.63	0.750	-0.023
450.0	6.441	34.226	26.890	121.96	0.814	-0.018
500.0	5.678	34.264	27.016	109.86	0.871	-0.084
550.0	5.262	34.283	27.082	103.84	0.924	-0.119
600.0	4.989	34.303	27.130	99.52	0.975	-0.135
650.0	4.843	34.331	27.169	96.19	1.024	-0.129
700.0	4.688	34.355	27.206	93.05	1.071	-0.128
750.0	4.581	34.371	27.230	91.10	1.117	-0.128
800.0	4.405	34.402	27.274	87.16	1.162	-0.123
1000.0	3.845	34.464	27.384	77.64	1.327	-0.132
1200.0	3.390	34.505	27.462	70.81	1.475	-0.146
1400.0	2.985	34.536	27.525	65.09	1.611	-0.159
1600.0	2.565	34.566	27.587	59.04	1.735	-0.172
1800.0	2.274	34.591	27.632	54.78	1.848	-0.178
2000.0	2.078	34.608	27.662	52.05	1.955	-0.181
2200.0	1.923	34.626	27.690	49.62	2.056	-0.180
2400.0	1.831	34.640	27.710	48.14	2.154	-0.176
2600.0	1.745	34.652	27.726	46.89	2.249	-0.175
2800.0	1.684	34.660	27.739	46.16	2.342	-0.174
3000.0	1.621	34.667	27.750	45.41	2.433	-0.174
3200.0	1.591	34.670	27.756	45.38	2.524	-0.175
3400.0	1.588	34.672	27.759	45.78	2.615	-0.175
3409.0	1.585	34.672	27.759	45.76	2.619	-0.175

STATION: 19 DATE: 4/ 9/91 1436 GMT

LAT: 36 15.5 N. LON: 123 11.6 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.191	32.919	24.938	300.76	0.009	-0.109
5.0	12.191	32.919	24.938	300.80	0.015	-0.109
10.0	12.192	32.919	24.938	300.93	0.030	-0.109
15.0	12.189	32.919	24.939	300.99	0.045	-0.110
20.0	12.189	32.919	24.939	301.11	0.060	-0.110
25.0	12.190	32.919	24.939	301.23	0.075	-0.110
30.0	12.189	32.919	24.939	301.33	0.090	-0.111
40.0	12.110	32.917	24.952	300.29	0.120	-0.128
50.0	11.242	32.949	25.137	282.88	0.149	-0.268
60.0	10.431	32.993	25.314	266.19	0.177	-0.379
70.0	10.076	33.047	25.416	256.61	0.203	-0.398
80.0	9.665	33.137	25.555	243.63	0.228	-0.397
100.0	9.050	33.270	25.758	224.59	0.275	-0.392
120.0	9.037	33.508	25.946	207.12	0.318	-0.204
140.0	8.763	33.706	26.145	188.60	0.357	-0.090
160.0	8.679	33.832	26.257	178.35	0.394	-0.004
180.0	8.393	33.916	26.367	168.20	0.429	0.018
200.0	8.190	33.965	26.436	161.96	0.462	0.025
250.0	7.542	34.009	26.566	150.19	0.539	-0.036
300.0	6.816	34.017	26.674	140.38	0.612	-0.131
350.0	6.551	34.083	26.762	132.64	0.680	-0.115
400.0	6.301	34.124	26.827	127.01	0.745	-0.116
450.0	5.986	34.172	26.906	119.97	0.807	-0.118
500.0	5.641	34.206	26.975	113.67	0.866	-0.134
550.0	5.390	34.240	27.033	108.61	0.921	-0.138
600.0	5.198	34.288	27.094	103.19	0.974	-0.123
650.0	4.952	34.318	27.146	98.48	1.024	-0.128
700.0	4.749	34.347	27.193	94.37	1.072	-0.128
750.0	4.602	34.375	27.231	91.06	1.119	-0.123
800.0	4.438	34.397	27.267	87.90	1.164	-0.123
1000.0	3.876	34.461	27.378	78.26	1.330	-0.132
1200.0	3.387	34.505	27.462	70.78	1.479	-0.146
1400.0	2.964	34.539	27.529	64.62	1.614	-0.159
1600.0	2.612	34.569	27.585	59.41	1.738	-0.167
1800.0	2.298	34.591	27.630	55.06	1.853	-0.176
2000.0	2.081	34.608	27.662	52.09	1.960	-0.181
2200.0	1.932	34.627	27.690	49.66	2.062	-0.178
2400.0	1.826	34.640	27.710	48.11	2.159	-0.177
2600.0	1.750	34.651	27.725	47.03	2.254	-0.175
2800.0	1.681	34.660	27.739	46.12	2.347	-0.174
3000.0	1.629	34.665	27.748	45.63	2.439	-0.175
3200.0	1.596	34.670	27.756	45.45	2.530	-0.175
3303.0	1.591	34.672	27.758	45.54	2.577	-0.174

STATION: 20 DATE: 4/ 9/91 1918 GMT

LAT: 36 7.2 N. LON: 123 29.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
2.0	12.478	32.924	24.887	305.57	0.006	-0.049
5.0	12.478	32.924	24.887	305.65	0.015	-0.049
10.0	12.478	32.924	24.887	305.75	0.031	-0.049
15.0	12.470	32.924	24.889	305.69	0.046	-0.050
20.0	12.452	32.925	24.893	305.43	0.061	-0.054
25.0	12.449	32.925	24.894	305.50	0.076	-0.054
30.0	12.439	32.925	24.896	305.42	0.092	-0.056
40.0	12.425	32.926	24.900	305.32	0.122	-0.059
50.0	12.406	32.929	24.906	304.98	0.153	-0.060
60.0	12.319	32.942	24.933	302.66	0.183	-0.067
70.0	11.948	32.941	25.002	296.27	0.213	-0.141
80.0	11.401	32.962	25.119	285.30	0.242	-0.228
100.0	10.094	33.090	25.447	254.32	0.296	-0.362
120.0	9.259	33.279	25.732	227.51	0.344	-0.351
140.0	9.309	33.513	25.907	211.29	0.387	-0.157
160.0	9.260	33.676	26.043	198.82	0.428	-0.035
180.0	8.863	33.757	26.170	187.07	0.467	-0.035
200.0	8.571	33.835	26.276	177.24	0.503	-0.019
250.0	7.759	33.993	26.522	154.48	0.585	-0.017
300.0	7.179	34.019	26.625	145.19	0.660	-0.080
350.0	6.726	34.038	26.703	138.35	0.731	-0.127
400.0	6.210	34.073	26.798	129.62	0.798	-0.168
450.0	5.877	34.105	26.866	123.59	0.861	-0.185
500.0	5.482	34.139	26.941	116.69	0.921	-0.206
550.0	5.235	34.186	27.008	110.71	0.978	-0.199
600.0	5.007	34.227	27.067	105.42	1.032	-0.193
650.0	4.818	34.274	27.126	100.16	1.084	-0.178
700.0	4.641	34.306	27.172	96.15	1.133	-0.172
750.0	4.549	34.353	27.219	92.05	1.180	-0.146
800.0	4.364	34.374	27.256	88.75	1.225	-0.149
1000.0	3.874	34.460	27.377	78.31	1.392	-0.133
1200.0	3.359	34.500	27.461	70.81	1.541	-0.153
1400.0	3.006	34.532	27.520	65.63	1.677	-0.161
1600.0	2.634	34.565	27.580	59.97	1.802	-0.168
1800.0	2.328	34.590	27.627	55.50	1.918	-0.174
2000.0	2.087	34.611	27.664	51.94	2.025	-0.178
2200.0	1.946	34.628	27.690	49.76	2.127	-0.176
2400.0	1.843	34.642	27.710	48.19	2.225	-0.174
2600.0	1.762	34.652	27.725	47.11	2.320	-0.173
2800.0	1.702	34.659	27.737	46.47	2.414	-0.173
3000.0	1.655	34.664	27.745	46.10	2.506	-0.174
3200.0	1.618	34.668	27.752	45.91	2.598	-0.175
3400.0	1.587	34.672	27.759	45.76	2.690	-0.175
3520.0	1.569	34.675	27.764	45.62	2.745	-0.175

STATION: 22 DATE: 4/10/91 0406 GMT

LAT: 36 46.4 N. LON: 124 13.1 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	13.023	32.913	24.773	316.50	0.009	0.052
5.0	13.023	32.913	24.773	316.54	0.016	0.052
10.0	13.026	32.914	24.773	316.65	0.032	0.053
15.0	13.061	32.923	24.773	316.76	0.047	0.068
20.0	13.092	32.934	24.776	316.62	0.063	0.083
25.0	13.089	32.932	24.775	316.86	0.079	0.080
30.0	13.101	32.936	24.776	316.92	0.095	0.086
40.0	13.111	32.939	24.776	317.13	0.127	0.090
50.0	13.117	32.940	24.777	317.36	0.158	0.092
60.0	13.161	32.959	24.783	317.03	0.190	0.116
70.0	13.166	32.974	24.794	316.26	0.222	0.129
80.0	12.797	32.975	24.867	309.51	0.253	0.054
100.0	10.898	33.066	25.290	269.40	0.311	-0.238
120.0	9.813	33.092	25.496	250.04	0.362	-0.409
140.0	9.434	33.247	25.680	232.92	0.411	-0.348
160.0	8.949	33.457	25.921	210.28	0.455	-0.260
180.0	8.798	33.661	26.105	193.17	0.495	-0.121
200.0	8.497	33.809	26.268	178.03	0.532	-0.051
250.0	7.845	33.980	26.499	156.68	0.616	-0.015
300.0	7.314	34.032	26.617	146.10	0.691	-0.051
350.0	6.512	34.022	26.718	136.70	0.762	-0.168
400.0	6.216	34.070	26.795	129.89	0.828	-0.169
450.0	5.815	34.106	26.875	122.69	0.891	-0.191
500.0	5.355	34.123	26.944	116.27	0.951	-0.234
550.0	5.165	34.165	26.999	111.42	1.007	-0.223
600.0	4.955	34.211	27.060	105.98	1.062	-0.211
650.0	4.770	34.253	27.115	101.14	1.114	-0.199
700.0	4.672	34.305	27.168	96.56	1.163	-0.169
750.0	4.500	34.334	27.210	92.83	1.210	-0.165
800.0	4.376	34.362	27.246	89.79	1.256	-0.157
1000.0	3.858	34.444	27.366	79.31	1.424	-0.147
1200.0	3.348	34.500	27.462	70.68	1.573	-0.154
1400.0	2.926	34.529	27.525	64.88	1.709	-0.170
1600.0	2.585	34.563	27.583	59.53	1.833	-0.174
1800.0	2.305	34.591	27.629	55.15	1.947	-0.175
2000.0	2.086	34.612	27.665	51.81	2.054	-0.177
2200.0	1.915	34.633	27.696	49.01	2.154	-0.175
2400.0	1.827	34.642	27.711	47.98	2.251	-0.175
2600.0	1.752	34.652	27.726	46.98	2.346	-0.174
2800.0	1.689	34.659	27.738	46.27	2.440	-0.174
3000.0	1.639	34.664	27.747	45.84	2.532	-0.175
3200.0	1.605	34.669	27.754	45.65	2.623	-0.175
3400.0	1.574	34.672	27.760	45.57	2.714	-0.176
3600.0	1.546	34.675	27.766	45.47	2.805	-0.177
3800.0	1.531	34.679	27.772	45.54	2.896	-0.176
3949.0	1.507	34.684	27.778	45.21	2.964	-0.175

STATION: 21 DATE: 4/10/91 1518 GMT

LAT: 35 56.2 N. LON: 123 51.9 W.

P(DBAR)	T(C)	S(PSU)	G-THE	SVA	SDYN	SPICE
3.0	12.424	32.975	24.937	300.84	0.009	-0.019
5.0	12.424	32.975	24.937	300.89	0.015	-0.019
10.0	12.424	32.975	24.937	301.01	0.030	-0.019
15.0	12.424	32.976	24.938	301.04	0.045	-0.018
20.0	12.423	32.976	24.938	301.15	0.060	-0.019
25.0	12.425	32.975	24.937	301.36	0.075	-0.019
30.0	12.424	32.976	24.939	301.35	0.090	-0.018
40.0	12.427	32.976	24.938	301.67	0.120	-0.018
50.0	12.428	32.976	24.938	301.93	0.151	-0.018
60.0	12.428	32.975	24.938	302.22	0.181	-0.019
70.0	12.244	32.976	24.973	299.04	0.211	-0.055
80.0	11.584	33.072	25.171	280.37	0.240	-0.106
100.0	10.734	33.113	25.356	263.12	0.294	-0.230
120.0	10.372	33.338	25.594	240.90	0.345	-0.115
140.0	9.070	33.377	25.839	217.70	0.391	-0.304
160.0	8.722	33.582	26.055	197.53	0.432	-0.196
180.0	8.607	33.722	26.182	185.81	0.470	-0.103
200.0	8.431	33.854	26.313	173.70	0.506	-0.026
250.0	7.838	33.977	26.498	156.81	0.588	-0.018
300.0	7.168	33.994	26.607	146.90	0.664	-0.101
350.0	6.683	34.018	26.693	139.26	0.736	-0.149
400.0	6.267	34.063	26.783	131.07	0.803	-0.168
450.0	5.908	34.099	26.858	124.40	0.867	-0.185
500.0	5.442	34.122	26.932	117.46	0.928	-0.225
550.0	5.231	34.174	26.999	111.51	0.985	-0.208
600.0	4.965	34.203	27.053	106.70	1.039	-0.217
650.0	4.839	34.252	27.107	102.01	1.091	-0.192
700.0	4.703	34.299	27.159	97.42	1.141	-0.171
750.0	4.550	34.329	27.200	93.84	1.189	-0.164
800.0	4.428	34.365	27.242	90.19	1.235	-0.149
1000.0	3.944	34.450	27.362	79.89	1.404	-0.134
1200.0	3.412	34.501	27.457	71.33	1.555	-0.146
1400.0	2.989	34.525	27.516	65.95	1.692	-0.168
1600.0	2.686	34.561	27.573	60.89	1.819	-0.167
1800.0	2.342	34.587	27.624	55.85	1.935	-0.175
2000.0	2.087	34.611	27.664	51.94	2.043	-0.178
2200.0	1.934	34.628	27.691	49.62	2.144	-0.177
2400.0	1.828	34.641	27.710	48.07	2.242	-0.176
2600.0	1.753	34.652	27.726	46.99	2.337	-0.174
2800.0	1.688	34.659	27.738	46.25	2.430	-0.174
3000.0	1.639	34.665	27.747	45.81	2.522	-0.174
3200.0	1.601	34.669	27.754	45.59	2.613	-0.175
3400.0	1.576	34.672	27.760	45.57	2.704	-0.175
3600.0	1.553	34.675	27.765	45.62	2.796	-0.176
3743.0	1.531	34.679	27.771	45.39	2.861	-0.176

Appendix B-- Personnel List

The following table lists the personnel aboard each cruise. Unless otherwise indicated, the cruise participant was affiliated with the Naval Postgraduate School. A "C" indicates the chief scientist for that cruise. Note that there is no cruise 14.

Cruise Participant	Number of Cruise																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	15	16	17	18	19	20
A. Anderson			X		X	X	X	X		X	X	X	X	X		X	X	X	X
D. Anderson[1]					X														
J. Ashen[1]					X														
R. Barber, Jr.[4]			X																
P. Berryman					X														
S. Bloxdorf[7]							X												
K. Buck[1]									X	X				X			X		
K. Buckley					X														
F. Chavez[1]	X	X	X										X						
C. Cheaney[2]			X																
C.-S. Chen											X								
C. Clark			X																
A. Close[1]						X				X		X							
L. Codispotti[1]				X							X								
C. Collins	C	C	C	C	C	C	C	C		C		C			C		C		C
H. Collins[12]								X											
M. Cook																X		X	X
C. Costa de Lopez						X													
P. Davoll[1]					X	X													
R. Edson								X											
L. Ehret									X										
N. Fofonoff[6]											X								
G. Friederich[1]								X				X			X				
N. Garfield									C		C	X	C	C		C		C	
M. Geesy[4]							X												
P. Hoffman											X								
P. Jessen									X						X				
K. Kelly[10]	X		X																
P. Kelly[11]	X																		
J. Kogelshatz[1]							X	X	X	X		X			X			X	
J. Korcal						X													
M. Kreyenhagen								X											
C. Lombardo								X											
W. Mallchok[3]						X													
S. Maynard[5]	X						X												
M. McCann				X	X	X	X		X		X	X		X					
S. McCann		X				X													
D. McShane						X													
D. Milota[7]							X												
G. Moreno[2]													X						

Appendix B-- Personnel List (continued)

Cruise Participant	Number of Cruise																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	15	16	17	18	19	20
R. Olivieri[3]									X					X					
S. Provost[5]							X												
T. Rago	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
C. Rathbun[2]														X					
D. Roberson																			X
F. Ruiz[8]															X				
C. Sakamoto[1]					X		X			X			X						
M. Sanderson[4]		X					X												
P. Smith[3]								X											
R. Stanley[6]															X				
J. Stockel	X			X						X			X				X		
L. Tanenbaum[3]							X												
N. Tayal	X	X																	
H. Thomsen[3]									X										
P. Whaling[1]	X			X							X								
S. Yang[9]								X											
C. Zenker[1]											X		X						

[1] Monterey Bay Aquarium Research Institute
[2] Moss Landing Marine Laboratories
[3] University of California, Santa Cruz
[4] Duke University
[5] Naval Oceanography Command Facility, San Diego
[6] Woods Hole Oceanographic Institution
[7] Fleet Numerical Oceanography Center
[8] Oregon State University
[9] University of Southern California
[10] Boston University
[11] United States Army (ret.)
[12] Notre Dame High School

Appendix C1-- CTD Salinity Calibrations: Removal of Pressure Dependence

The NBIS MK-IIIb CTD serial number 5386 was found to have a faulty conductivity cell which produced larger instrument errors as ambient pressure increased. The faulty cell was not replaced until after the November 1989 cruise. A second order polynomial fit was used to model the conductivity cell's pressure dependence, which could then be removed from the CTD data. This table lists the coefficients of the second order fits used to remove the pressure dependence.

Cruise Date	Instrument Serial No.	Calibration Coefficients		
		$(a_2)x^2$	$(a_1)x$	(a_0)
Sep.88	5386	-4.596×10^{-9}	-9.816×10^{-6}	-0.018
Nov.88	5386	-4.385×10^{-9}	-8.975×10^{-6}	-0.015
Feb.89[a]	5386	-5.889×10^{-9}	-4.171×10^{-6}	-0.023
Feb.89[b]	5386	-1.031×10^{-8}	1.287×10^{-5}	-0.024
Mar.89	5386	-7.542×10^{-9}	3.498×10^{-6}	-0.018
May 89	5386	-1.569×10^{-8}	8.362×10^{-6}	-0.036
Nov.89[c]	5386	0.000	1.996×10^{-5}	0.028
Nov.89[d]	5386	0.000	1.921×10^{-6}	0.046

a: For CTD stations 0-17
b: For CTD stations 18-32
c: For CTD data from the surface to 1000 dbar
d: For CTD data from the bottom of the cast to 1000 dbar

Appendix C2-- CTD Salinity Calibrations

After each cruise of the CUC program, CTD salinities (calculated from the corrected pressure, temperature, and conductivity readings) were compared to water sample salinities (measured in the laboratory by a salinometer of samples collected at the same depths from which the CTD salinities were measured). The mean difference between the CTD and water sample salinities was determined and removed from the CTD data. A linear regression was then applied to fit the adjusted CTD salinity data to the water sample salinity data. This table lists the slope and intercept of that linear fit for each cruise of the CUC program. The actual CTD used, as well as the number of values that went into the fit and the standard deviation of the fit, are also listed for each cruise.

Cruise Date	Instrument Serial Number	Calibration Coefficients			
		Slope	Intercept	Number of Data Points	Standard Deviation
Apr.88	9453	1.004129	-0.140718	67	±0.006
Aug.88	9453	1.043071	-0.568235	45	±0.006
Sep.88	5386	0.999608	0.013374	18	±0.013
Nov.88[a]	5386	1.007040	-0.246238	28	±0.012
Nov.88[b]	5386	1.002435	-0.076711	24	±0.006
Feb.89[c]	5386	1.001894	-0.065019	21	±0.011
Feb.89[d]	5386	0.999418	0.019968	43	±0.013
Mar.89	5386	1.001946	-0.066434	106	±0.006
May 89	5386	1.012309	-0.422663	108	±0.012
Jul.89	9453	1.002600	-0.140919	45	±0.005
Sep.89	9453	0.984859	0.521642	35	±0.007
Nov.89	5386	1.002761	-0.095870	74	±0.005
Jan.90	5386	1.013599	-0.469405	56	±0.004
Mar.90	9453	0.994355	0.193911	49	±0.009
May 90	5386	1.019385	-0.669265	37	±0.003
Jun.90	9453	0.992259	0.266915	59	±0.006
Aug.90	9453	1.005432	-0.187292	39	±0.004

Appendix C2-- CTD Salinity Calibrations (continued)

Cruise Date	Instrument Serial Number	Calibration Coefficients			
		Slope	Intercept	Number of Data Points	Standard Deviation
Oct.90	9453	0.995703	0.147337	52	±0.006
Dec.90[e]	5386	1.018627	-0.522812	14	±0.016
Dec.90[f]	5386	0.991650	0.270718	33	±0.005
Feb.91	5386	0.994895	0.174896	64	±0.003
Apr.91	5386	0.994331	0.193219	73	±0.005

a: For CTD stations 1-17
b: For CTD stations 18-32
c: For CTD stations 0-17
d: For CTD stations 18-32
e: For CTD stations 0-10
f: For CTD stations 11-33

Appendix D-- CTD Calibration Coefficients: Pressure, Temperature, Conductivity

The following table lists for each cruise of the CUC program the actual instrument used and the corresponding calibration coefficients for the various CTD sensors. Pressure and temperature sensors were always calibrated before and after each cruise. Because of its stability, the conductivity sensor was not always calibrated in this manner. However, salinities calculated from the CTD conductivities were always calibrated after each cruise by comparison with *in situ* salinities of water samples collected during the cruise.

Cruise Date	Instrument Serial No.	Calibration Coefficients*1		
		Pressure	Temperature	Conductivity
Apr.88	9453	a = 1.000498	a = 0.998543	a = 1.023828
		b = -3.157472	b = 0.047536	b = 0.005897
Aug.88	9453	a = 0.999640	a = 0.998030	a = 1.023533
		b = -3.201514	b = 0.039016	b = 0.029906
Sep.88	5386	a = 0.999963	a = 0.999607	a = 0.994616
		b = -4.512295	b = 0.007789	b = -0.012906
Nov.88	5386	a = 0.999950	a = 0.999769	a = 0.999584
		b = -1.804852	b = 0.009749	b = 0.025243
Feb.89	5386	a = 0.999870	a = 0.999080	a = *2
		b = -0.578862	b = 0.002360	b = *2
Mar.89	5386	a = 0.999638	a = 0.999288	a = *2
		b = -0.235584	b = 0.002141	b = *2
May 89	5386	a = 0.999220	a = 0.999445	a = 1.000397
		b = -2.883500	b = 0.006937	b = -0.051422
Jul.89	9453	a = 0.999674	a = 0.999960	a = 0.999961
		b = -4.678071	b = -0.001150	b = 0.010115
Sep.89	9453	a = 0.999335	a = 0.999780	a = 1.000873
		b = -4.434745	b = 0.001963	b = -0.020289
Nov.89	5386	a = 1.000182	a = 0.999950	a = 0.998933
		b = -8.862462	b = 0.001880	b = 0.057364
Jan.90	5386	a = 1.000250	a = 0.999901	a = 0.996899
		b = -9.726036	b = -0.000312	b = 0.145065

Appendix D-- CTD Calibration Coefficients (continued)

Cruise Date	Instrument Serial No.	Calibration Coefficients*1 Pressure	Temperature	Conductivity
Mar.90	9453	a = 0.999670 b = -7.507530	a = 0.999970 b = -0.007740	a = b = *3
May 90	5386	a = 0.999270 b = -10.511610	a = 0.999870 b = 0.000530	a = 1.000040 b = 0.026180
Jun.90	9453	a = 0.999460 b = -7.796660	a = 0.999430 b = -0.004790	a = b = *3
Aug.90	9453	a = 0.999510 b = -8.275630	a = 0.999830 b = 0.001970	a = b = *3
Oct.90	9453	a = 0.999623 b = -9.067422	a = 0.999668 b = 0.004845	a = b = *3
Dec.90	5386	a = 1.000862 b = -5.844780	a = 0.999892 b = -0.020510	a = 0.998197 b = 0.177067
Feb.91	5386	a = 1.000160 b = -8.137873	a = 0.999898 b = 0.003823	a = b = *4
Apr.91	5386	a = 1.000427 b = -11.327698	a = 0.999698 b = -0.000555	a = b = *4

Notes:

***1:** Linear fit of the form

$y = ax+b$, where x = CTD value, y = "true" value.

***2:** Use the conductivity coefficients from November 1988.

***3:** Use the conductivity coefficients from September 1989.

***4:** Use the conductivity coefficients from December 1990.

APPENDIX E1-- Cruise and Station List

This table lists the CTD stations and the cruises during which they were sampled. Details of the station position are listed on the left. On the right, cruise numbers from 1 to 20 head the columns. For each cruise, the "+" signs indicate which stations were sampled.

Stations 1 through 22 comprise the CUC transection, which follows latitude line 36°20'N from the shore to station 18, then bends to follow the CalCoFi line 67. For the CUC transection, the distance column shows the distance between the station and the shore measured along the transection. The lower portion of the table shows stations in and about Monterey Bay. Note that there is no cruise 14.

STATIONS					CUC CRUISES			
						1	1111	11112
stn	dist	dpth	lon	lat	12345	67890	1235	67890
1	3.49	40	-121.933	36.333	+++++	+++++	++++	+++++
2	8.33	100	-121.987	36.333	+++++	+++++	++++	+++++
3	12.00	135	-122.028	36.333	+++++	+++++	++++	+++++
4	16.93	315	-122.083	36.333	+++++	+++++	++++	+++++
5	21.86	665	-122.138	36.333	+++++	+++++	++++	+++++
6	28.49	885	-122.212	36.333	+++++	+++++	++++	+++++
7	31.89	985	-122.250	36.333	+++++	+++++	++++	+++++
8	37.53	895	-122.313	36.333	+++++	+++++	++++	+++++
9	41.92	1220	-122.362	36.333	+++++	+++++	++++	+++++
10	47.12	1650	-122.420	36.333	+++++	+++++	++++	+++++
11	51.78	1885	-122.472	36.333	++++	+++++	++++	+++++
12	57.87	2200	-122.540	36.333	+++++	+++++	++++	+++++
13	61.72	2625	-122.583	36.333	++++	+++++	++++	+++++
14	67.00	3075	-122.642	36.333	+++++	+++++	++++	+++++
15	71.75	3150	-122.695	36.333	++++	+++++	++++	+++++
16	81.61	2990	-122.805	36.333	+++++	+++++	++++	+++++
17	91.64	3565	-122.917	36.333	+++++	+++++	++++	+++++
18	101.58	3300	-123.028	36.333	+++++	+++++	++++	+++++
19	117.33	3350	-123.180	36.262	++++	++++	++++	+++++
20	148.92	3540	-123.485	36.120	+++++	+++++	++++	+++++
21	186.01	3900	-123.842	35.953	+	+++	++++	+++++
22	224.92	3930	-124.210	35.770	+	+ +	++++	+++++
0		885	-122.028	36.553		+ +++	++++	+++ +
23		2970	-122.775	36.456	+++++	+ ++	+++	+ ++
24		2980	-122.482	36.600	+++++	+++++	++++	++++
25		2550	-122.244	36.561	+++++	++ ++	+ ++	
26		2250	-122.157	36.618	+++++	+++++	++++	++++
27		1060	-122.240	36.723	+++++	++ ++	+ ++	++++
28		1190	-122.037	36.756	+++ +	++ +	+	
29		1500	-122.032	36.702	+++ +	++ ++	++++	++++
30		625	-121.930	36.784	+++ +	++ ++	+	
31		355	-121.877	36.794	+++ +	+		
32		140	-121.819	36.798	+++ +	+		
33		1000	-122.031	36.771		+	++++	++++
34		300	-121.847	36.795			+ ++	+
36		354	-121.878	36.795				+
41		1005	-122.157	36.697			+	
42		1980	-122.178	36.598			+	
43		2000	-122.062	36.640			+	
44		1005	-122.157	36.697			+	
45		2280	-122.172	36.600			+	
46		2000	-122.060	36.640			+	

APPENDIX E2-- Cruise Dates and Vessel List

This table lists the CUC cruises with inclusive dates and research vessels used. Note that there is no cruise 14.

Cruise	Cruise Dates	Vessel
CUC01	15 April - 1 May 1988	USNS DeSteiguer
CUC02	3 August - 8 August 1988	R/V Point Sur
CUC03	22 September - 27 September 1988	R/V Point Sur
CUC04	14 November - 19 November 1988	R/V Point Sur
CUC05	2 February - 7 February 1989	R/V Point Sur
CUC06	25 March - 30 March 1989	R/V Point Sur
CUC07	10 May - 26 May 1989	USNS DeSteiguer
CUC08	28 July - 3 August 1989	R/V Point Sur
CUC09	25 September - 30 September 1989	R/V Point Sur
CUC10	15 November - 22 November 1989	R/V Point Sur
CUC11	17 January - 24 January 1990	R/V Point Sur
CUC12	19 March - 26 March 1990	R/V Point Sur
CUC13	17 May - 23 May 1990	R/V Point Sur
CUC15	16 June - 22 June 1990	R/V Point Sur
CUC16	13 August - 19 August 1990	R/V Point Sur
CUC17	18 October - 1 November 1990	USNS DeSteiguer
CUC18	12 December - 19 December 1990	R/V Point Sur
CUC19	12 February - 27 February 1991	R/V Point Sur
CUC20	5 April - 11 April 1991	R/V Point Sur

10.0 References

Collins, C. A., R. G. Paquette, and S. R. Ramp, 1996: Annual Variability of Ocean Currents at 350-m. Depth over the Continental Slope off Point Sur, California. *CalCoFi Reports*, **37**, 257-263.

EG&G Ocean Products, 1989: OCEANSOFT-- Post Processing Software Manual. *Neil Brown Instrument Systems*, Cataumet, Massachusetts, 110pp.

Flament, P., 1986: A Note on Seawater Spiciness and Diffusive Stability. *Personal Communication*.

Hickey, B. M., 1979: The California Current System-- Hypotheses and Facts. *Prog. Oceanog.*, **8**, 191-279.

Jessen, P. F., S. R. Ramp, and C. A. Clark, 1989: Hydrographic Data from the Pilot Study of the Coastal Transition Zone (CTZ) Program, 15-28 June 1987. *Tech. Rep. NPS-68-89-004*, Naval Postgraduate School, Monterey, California, 245pp.

Lewis, E. L. and R. G. Perkin, 1981: The Practical Salinity Scale 1978: Conversion of Existing Data. *Deep Sea Res.*, **28A**, 307-328.

Lynn, R. J. and J. J. Simpson, 1987: The California Current System: the Seasonal Variability of its Physical Characteristics. *J. Geophys. Res.*, **92**, 12947-12966.

Reid, J. L. and R. A. Schwartzlose, 1962: Direct Measurements of the Davidson Current off Central California. *J. Geophys. Res.*, **67**, 2491-2497.

Rischmiller, F. W., 1993: Variability of the California Current System off Point Sur, Ca., from April 1988 to December 1990. *Master's Thesis*, Naval Postgraduate School, Monterey, California, 157pp.

Tisch, T. D., 1990: Seasonal Variability of the Geostrophic Velocity and Water Mass Structure off Point Sur, California. *Master's Thesis*, Naval Postgraduate School, Monterey, California, 148pp.

Tisch, T. D., S. R. Ramp, and C. A. Collins, 1992: Observations of the Geostrophic Current and Water Mass Characteristics off Point Sur, California, from May 1988 through November 1989. *J. Geophys. Res.*, **97**, 12535-12555.

Wooster, W. S. and J. H. Jones, 1970: California Undercurrent off Northern Baja California. *J. Mar. Res.*, **28**, 253-260.

10.0 References (continued)

Wooster, W. S. and J. L. Reid, 1963: Eastern Boundary Currents. *The Sea*, **2**, 253-280.

11.0 Initial Distribution List

1.	Naval Postgraduate School Department of Oceanography Monterey, CA 93943	
	Dr. Curtis A. Collins	1
	Dr. Newell Garfield	1
	Mr. Thomas A. Rago	1
	Mr. John Locke	1
2.	Dean of Research Naval Postgraduate School Monterey, CA 93943	1
3.	Dudley Knox Library (Code 013) Naval Postgraduate School Monterey, CA 93943	2
4.	Monterey Bay Aquarium Research Institute P.O. Box 628 Moss Landing, CA 95039-0628	
	Dr. Francisco Chavez	1
	Mr. Gernot Friederich	1
5.	Dr. Frank Schwing Pacific Fisheries Environmental Group 1352 Lighthouse Avenue Pacific Grove, CA 93950	1
6.	Maury Library NavOceano 1002 Balch Boulevard Stennis Space Center, MS 39529	1
7.	Dr. Marlene Noble United States Geological Survey 345 Middlefield Road Menlo Park, CA 94025	1
8.	Defense Technical Information Center 8725 John J. Kingman Road, STE 0944 Fort Belvoir, VA 22060-6218	2
9.	Dr. Lou Codispotti The Center for Coastal Physical Oceanography Old Dominion University Crittenton Hall, 768 52nd Street Norfolk, VA 23529	1