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Statistics of Oceanographic Data Based on Hydrographic/STD Casts Made at Ocean Station P During August 1956 through June 1981

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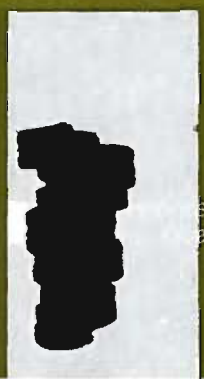

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Les établissements des Sciences et levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports en décembre 1981. Une liste complète de ces publications figure dans le volume 39, Index des publications 1982, du *Journal canadien des sciences halieutiques et aquatiques*. La série actuelle a commencé avec la publication du rapport numéro 1 en janvier 1982.

Canadian Data Report of Hydrography and Ocean Sciences No. 31

1985

STATISTICS OF OCEANOGRAPHIC DATA BASED ON HYDROGRAPHIC/STD CASTS MADE AT OCEAN STATION P DURING AUGUST 1956 THROUGH JUNE 1981

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ABSTRACT

Tabata, S. and J.L. Peart. 1985. Statistics of oceanographic data based on hydrographic/STD casts made at Ocean Station P during August 1956 through June 1981. Can. Data Rep. Hydrogr. Ocean Sci. 31:133p.

Hydrographic and STD casts have been made at Station P (50°N, 145°W) for approximately 25 years (25 August 1956 - 18 June 1981). During the first half of the program (1956-1968) the observations were made regularly throughout alternate 6-week intervals. From 1969 onward, they were taken almost continuously (at least once weekly), except for some occasional gaps in the series.

The statistics (mean, standard deviation, maximum and minimum values and number of observations) are presented in two main groups. In one, values at each "standard" pressure level (0, 10, 20, ..., 4200 decibars) are provided; in the second, information on σ_t - surfaces, at intervals of 0.2 (24.0, 24.2, 24.4, ..., 27.4) is given. The water properties and parameters considered are: temperature, salinity, oxyty, depth, σ_t, specific volume anomaly, potential temperature, "potential" specific volume anomaly, dynamic height (relative to the surface and to the 1000-decibar level), potential energy (relative to the surface), sound speed and acceleration potential (relative to the 1000-decibar surface). Both "overall" statistics (using all the data) and monthly statistics are presented.

key words: North Pacific Ocean, open-ocean time-series, hydrographic/STD data, ocean climatology.

RÉSUMÉ

Tabata, S. and J.L. Peart. 1985. Statistics of oceanographic data based on hydrographic/STD casts made at Ocean Station P during August 1956 through June 1981. Can. Data Rep. Hydrogr. Ocean Sci. 31:133p.

Pendant environ 25 ans (du 25 août 1956 au 18 juin 1981), des mesures hydrographiques et STP ont été effectuées à la station P (50°N, 145°O). Au cours de la première moitié de la période d'observation, les données ont été recueillies régulièrement à intervalle de six semaines. À partir de 1969, elles ont été recueillies presque continuellement sauf pour quelques

discontinuités. Le présent document porte sur les données recueillies à la station P seulement.

Les statistiques (moyenne, écart-type, valeurs minimum et maximum et nombre d'observations) sont divisées en deux groupes principaux: le premier, à chaque niveau de pression normalisée (0, 10, ..., 4200 décibars) et le second, à σ_t - surfaces à des intervalles de 0.2 (24.2, 24.4, ..., 27.4). Les paramètres ou propriétés de l'eau étudiés sont: la température, la salinité, la teneur en oxygène, la profondeur, σ_t, les anomalies du volume spécifique, la température potentielle, les anomalies "potentielles" du volume spécifique, la hauteur dynamique (par rapport à la surface et au niveau de 1000 décibars), l'énergie potentielle (par rapport à la surface), la vitesse du son et le potentiel d'accélération (par rapport à la surface de 1000 décibars). On présente aussi les statistiques globales pour toutes les données et les statistiques mensuelles pour les données recueillies chaque mois.

Mots-clés: océan Pacifique nord, séries chronologiques du milieu océanique, données hydrographiques/STP, climat océanique.

ACKNOWLEDGEMENTS

A large number of personnel were associated with the field-work portion of the oceanographic program at Station P and Line P, from inception in 1956 to termination in 1981. Their names are listed below; excluded are any personnel who participated to obtain specialized observations such as those associated with air-sea interaction studies, bird counts, etc. Captains J.A. Sleight and F.G. Nesbit, masters of St. Catharines, also contributed greatly to the success of the observational program.

Ackley, C. (1)
Arminini, G.W. (1)(uc)
*Ashton, H.J. (3)(uc)
Atkinson, W. (2)
*Batchelder, H. (3)
*Bellegay, R.D. (6)
*Bennett, E.B. (1)
*Berrang, P. (1)(uc)
*Bigham, R.H. (5)
Blower, L. (2)(uc)
Boillard, L. (1)
Booth, K.S. (1)
Butters, J. (1)
Canning, B. (8)(uc)
*Coates, K.A. (2)(uc)
*Collins, C.A. (1)
*Conway, R.E. (4)
Coombs, J.A. (1)
Cox, B. (2)
*Denman, K.L. (1)
*Dobson, F.W. (1)
*de Jong, C. (11)
*de Lange Boom, B. (1)(uc)
Ferrier, K. (1)
Gantzer, K.A. (8)
*Garrett, J.F. (1)
Grant, W.E. (3)(uc)
Hansen, W. (6)
Healey, D.A. (6)
Huggett, P. (2)(uc)
*Huyer, A. (1)
Jackson, C. (7)
*Jewsbury, G. (2)
Joergensen, O. (2)
*Johnson, W.K. (2)(uc)
Johnstone, R.L. (1)
*Juhasz, T. (6)(uc)
Loewen, D. (2)
*Marles, E.W. (2)
*McAllister, C.D. (9)
*Meikle, J.H. (2)
*Minkley, B.G. (13)
*Mullin, T. (2)(uc)
*Munro, P.S. (3)
Panchyson, C. (2)
Pannekoek, J. (1)
*Parsons, T.R. (1)
*Robertson, D.G. (9)
Rudge, L.A. (1)
Rupp, S.M. (1)
Schmitt, D. (1)(uc)
*Sherlock, M. (4)
Simmons, J. (1)
Smith, D.B. (1)
Smyth, T.A. (2)(uc)
Stewart, B. (1)
Stewart, P. (1)(uc)
*Stickland, J.A. (1)
Strickland, J.D.H. (1)
*Tabata, S. (6)
Taufen, L.E. (1)(uc)
Tippett, R.G. (1)
Tripe, R.L.K. (2)
*Tripp, R.B. (4)
Twaites, B.L. (3)(uc)
Vandergugten, P. (3)
Whitehouse, B. (5)(uc)
Wilke, H. (1)
Wong, J. (6)
Yu, J. (1)

Crew of C.C.G.S. Vancouver (14)
Masters: Linggard, J.H., J. Strand, and F. Ali.

Crew of C.C.G.S. Quadra (7)
Masters: Dykes, A.A.R., J.C. Lennie, and R.H. Ferguson.

Crew of C.S.S. Parizeau (1)
Master: Chamberlain, A.

The asterisk before a name represents personnel still active in oceanography or its related discipline. The number in brackets following a person's name denotes the number of cruises that an observer made; that after a ship's name denotes the number of cruises in which the ship's crew made the observations. The abbreviation (uc) represents personnel working under contract.

Among the many who participated in data processing and basic analyses were: H.J. Hollister and M.C. Cairns in the 1950's and 1960's; A.B. Smith, L. Kuwahara and K. Abbott-Smith in the 1970's; and J. Linguanti, B.J. Minkley, C. de Jong, P.M. Kimber and D. Ramsden during the past several years. Dr. L.F. Giovando reviewed the manuscript.

Without the efforts of the people mentioned above, as well as those of others who assisted in some way with the observations, data-processing and analyses, the compilation of the long time series would not have been possible. We owe to them, particularly those who made frequent cruises, and to Dr. J.P. Tully, formerly Oceanographer-in-Charge of the Pacific Oceanographic Group who had the courage and foresight to initiate this program, our tribute, gratitude and appreciation.

INTRODUCTION

Ocean Station P (50°00'N, 145°00'W, depth 4220 metres - Figure 1) was operated from 19 December 1949 through 20 June 1981. During the first year of operation it was occupied by the ships of the U.S. Coast Guard; from December 1950 to 1967, it was occupied alternately by two Canadian Coast Guard ships, C.C.G.S. St. Catharines (until March) and C.C.G.S. Stonetown (until September) - Figure 2. These vessels were replaced by two specially-designed weatherships, C.C.G.S. Vancouver (in April 1967) and C.C.G.S. Quadra (in October 1967) - Figure 3. Each of the two operating ships remained "on station" for a period of about 6 weeks until relieved by the other ship; the station was therefore maintained continuously.

In addition to the regular 3-hourly measurements of sea-surface temperature which were part of the routine "synoptic" meteorological observations, bathythermograph (BT) casts constituted the only oceanographic program prior to mid-1956. They were made twice daily to depths of 135 or 270 metres (m) at the Station during 1950 and after mid-1952. In August 1956 a more extensive program of oceanographic observations commenced from St. Catharines. It comprised hydrographic casts, plankton hauls/tows, primary production and light attenuation measurements, and surface current measurements (with drogues). From April 1959, the program was further increased by the addition of a series of hydrographic stations along the route between Station P and the ships' home port of Victoria, B.C. (Line P). In August 1968, STD casts were added to supplement the existing program.

During the earlier half of the expanded program (August 1956 - January 1969), oceanographic observations were made regularly throughout alternate 6-week periods. From January 1969 to the end of the program they were carried out by two ships (Vancouver and Quadra); data are therefore available "continuously" (at least one hydrographic/STD cast per week) for this part of the program except for thirteen 6-week gaps. Uninterrupted observations exist from 25 February 1969 through 4 December 1971; from 9 December 1975 through 6 January 1979, and from 19 January 1980 through 28 March 1981.

From time to time, research vessels not specifically assigned to duty at Station P have occupied the Station. The most notable examples are the cruises made by C.S.S. Parizeau during April - October 1974, this vessel replacing

Quadra which had been assigned to the GARP Atlantic Tropical Experiment (GATE). Data taken by these vessels are included in the Station P data set.

DATA RECORD

The physical oceanographic data taken at Station P, its vicinity and Line P by Canadian weatherships and research ships have been published in a variety of reports. Representative references are given by the following:

Pacific Oceanographic Group, 1957;
Tabata et al., 1969;
Marine Sciences Branch and Pacific Oceanographic Group, 1969
Minkley et al., 1969;
Gantzer and Joergensen, 1969
de Jong et al., 1971 and
Institute of Ocean Sciences, 1981.

All data sets are archived at the Marine Environmental Data Service Branch (MEDS) of the Department of Fisheries and Oceans (1202 - 200 Kent Street, Ottawa, Ontario, Canada, K1A 0E6). Not all the data have been used in the compilation of the statistics. Firstly, only the observations made within 30 kilometres (km) of the exact location ($50^{o}00'N$, $145^{o}00'W$) were utilized. Secondly, data determined by us to be of questionable quality have been removed from the data set. Not including the entire STD data that have been eliminated from the two cruises in 1979 (8 January - 11 February and 18 June - 29 July due to poor data quality), only 11 STD casts (3 from March 1971, 2 from February 1975 and 6 from February 1976) (<½%) have been rejected outright.

We have carefully edited the data, and believe that most of the errors were eliminated before statistics were calculated. We suspect, however, that there may still be some undetected errors. Further, we have encountered data that deviate from the corresponding cruise means by greater than two standard deviations. A deviation of ±0.1 $^{o}/oo$ in salinity at 1000 decibars would be an example of this. Such errors could result from the use of slowly-leaking sampling bottles or from a small "drift" in the STD system. They are, however, difficult to "correct"; the data involved have therefore been accepted as usable data.

The present report is a supplement to the many records of Station P data that have already been published. It is anticipated that a similar report based on data obtained at the 12 stations along Line P will be published.

STATISTICS

The statistics presented here are the derived physical oceanographic data at each "standard" pressure level (0, 10, 20, ..., 4200 decibars) and on selected σ_t - surfaces at 0.2 intervals (24.0, 24.2, 24.4, ..., 27.4). They are based on hydrographic and STD data obtained at Station P during the approximately 25-year period from 25 August 1956 through 18 June 1981. The properties and parameters of water selected for compilation are: temperature, salinity, oxyty, σ_t, specific volume anomaly, potential temperature, "potential" specific volume anomaly, dynamic height relative to the surface, dynamic height relative to the 1000-decibar surface, potential energy relative to the surface, sound speed, depth of σ_t - surfaces and acceleration potential relative to the 1000-decibar surface. For each parameter the mean, standard deviation, maximum and minimum values, and number of observations are tabulated.

Statistics based on all the data, as well as those based on the data for each month, are presented. The abbreviations and units of variables used are given in Table 1. Tables 2 and 3 show the statistics at standard pressures using all data and the data for each month, respectively. Tables 4 and 5 indicate the corresponding quantities on σ_t - surfaces.

It is to be noted that for low σ_t values (<26.2) the statistics for water properties or parameters using all data do not reflect the true statistical character of the water. The reason is that during winter the upper layers of the ocean invariably attain a density sufficiently high that water with σ_t less than 26.2 no longer exists.

The above statistics have been used as a basis for the compilation of two other sets. One set consists of data lying within 3 standard deviations, and the other, those lying within 2 standard deviations, of the means derived here. These sets will not be published, but are kept on file at the Institute of Ocean Sciences.

Table 1. Abbreviations and units.

STD	standard
STD	salinity-temperature-depth recorder, (including conductivity-temperature-pressure recorder)
S.D.	standard deviation
MAX	maximum
MIN	minimum
N	number of observations
PRESS	pressure, in decibars (db)
TEMPERATURE	in ^{o}Celsius
SALINITY	in parts $^{o}/oo$
SIGMA T	specific gravity anomaly = $\sigma_t = (\rho_{T,S,O} - 1)10^3$, where $\rho_{T,S,O}$ = in-situ specific gravity of seawater at pressure = 0, (i.e. at the sea surface)
OXYGEN	dissolved oxygen content (oxyty), in mL L^{-1}
SVA	specific volume anomaly ($10^5\delta$), in 10^5 mL g^{-1}
DEPTH	in metres
THETA	potential temperature, in ^{o}Celsius
SVA (THETA)	specific volume anomaly based on potential temperature, in 10^5 mL g^{-1}
DELTA D	dynamic height relative to sea surface, in J kg^{-1}
DELTA-DH	dynamic height relative to 1000-db surface, in J kg^{-1}
POT. ENERGY	potential energy relative to sea surface, in 10^8 ergs cm^{-1}
SOUND	sound speed, in m s^{-1}
ACC. POT.	acceleration potential relative to 1000-db surface, in J kg^{-1} (J = Joules).

EPILOGUE

With the withdrawal of the weatherships from service in mid-1981, the program of regular oceanographic observations at Station P and Line P was terminated. However, the Institute of Ocean Sciences maintains a small program by which it is possible to occupy the Station and the Line a few times every year. From June 1981 to the end of 1984 a total of 16 cruises, each of approximately 2-week duration, have been made. Data taken from these will be reported subsequently in the "Canadian Data Report of Hydrography and Ocean Sciences" series or in other appropriate publications.

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Gantzer, K.A. and O.H. Joergensen. 1969. Oceanographic Observations at Ocean Station P (50°N, 145°W), 27 October 1968 to 26 February 1969. Fish. Res. Bd. Canada Tech. Rept. No. 143, 49 pp.

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[1] The Pacific Marine Science Report Series were published during 1972-1981 by the (present) Department of Fisheries and Oceans and its organizational predecessors - Department of the Environment (Environment Canada), Department of Fisheries and Forestry, and Department of Fisheries and the Environment. All of these reports are available from: the Institute of Ocean Sciences, P.O. Box 6000, Sidney, B.C., Canada, V8L 4B2.

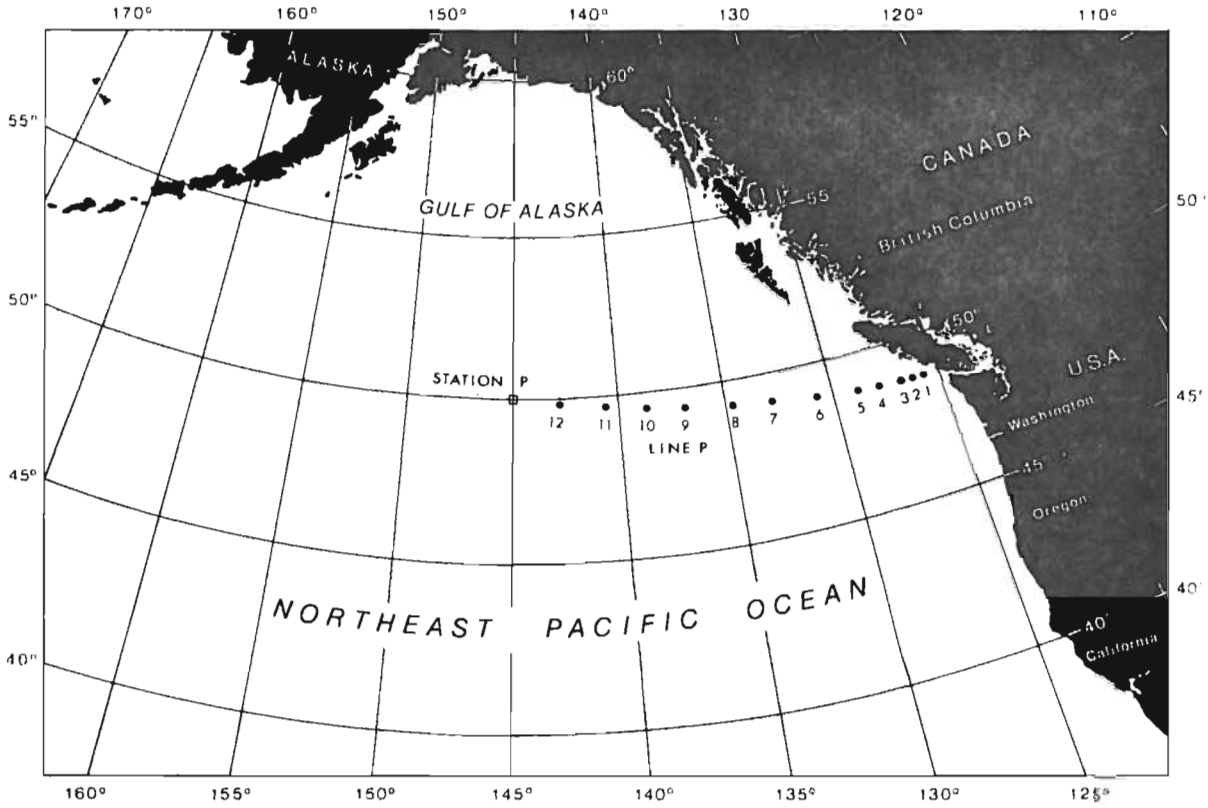

Figure 1. Location of Ocean Station P and Line P in the northeast Pacific Ocean.

(a)

(b)

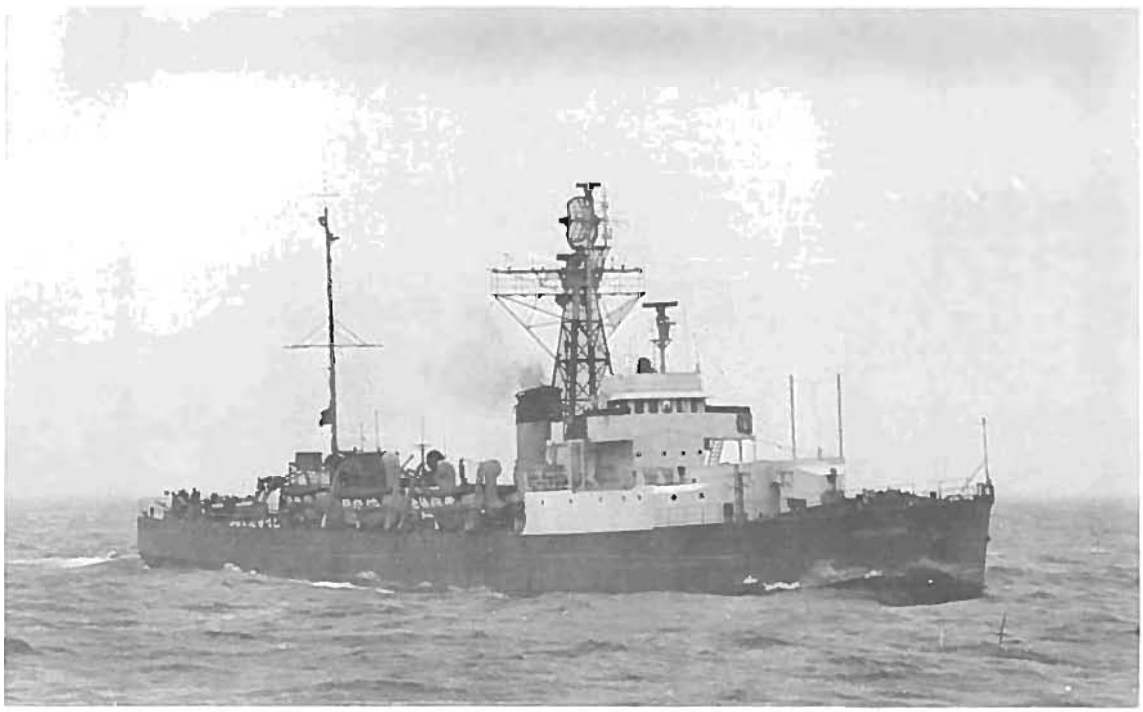

Figure 2. The Canadian Coast Guard weatherships, St. Catharines (a) and Stonetown (b). Until 1967 the bulk of the oceanographic observations were made from St. Catharines. Stonetown made bathythermograph and surface salinity and temperature observations only. (C.C.G. Photo.)

(a)

(b)

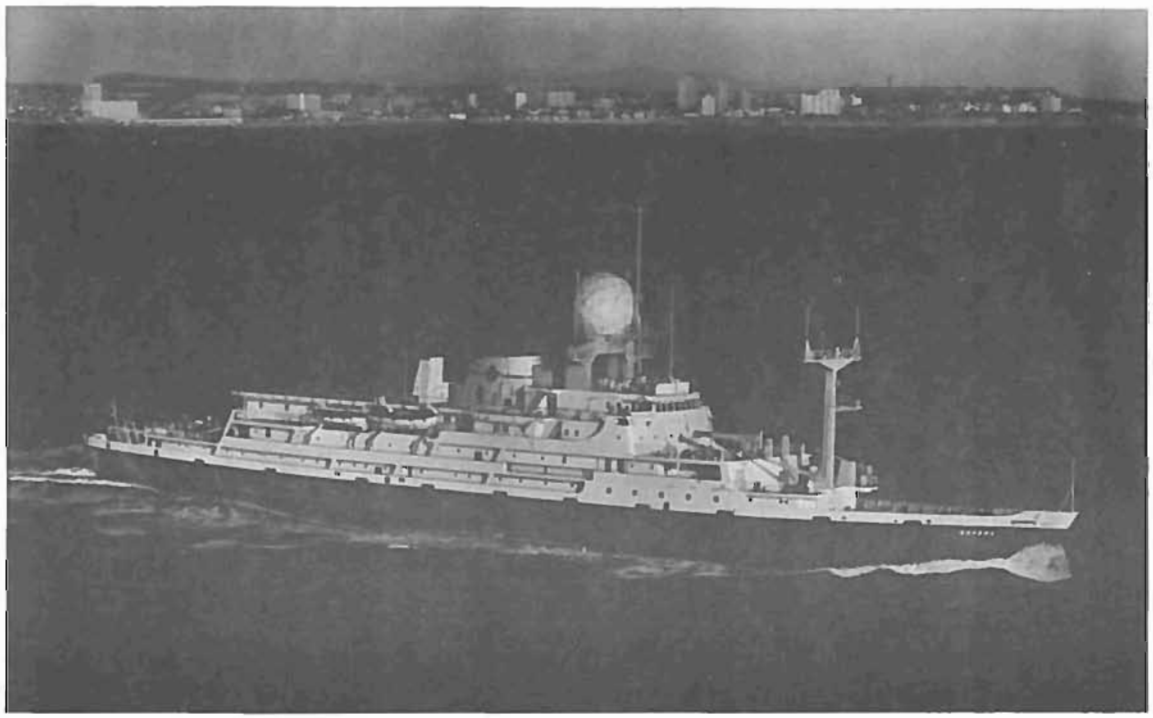

Figure 3. The specially-designed Canadian Coast Guard weatherships, Vancouver (a) and Quadra (b). They came into service in 1967 and were decommissioned in 1981. (C.C.G. Photo.)

Table 2. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA-DH at standard pressures, using all data.

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	8.28	2.711	15.24	4.09	3769	32.614	.1114	33.260	32.260	3769
10:	8.22	2.681	15.19	4.08	3766	32.612	.1052	32.913	32.333	3766
20:	8.09	2.598	15.15	4.08	3765	32.616	.1048	32.916	32.365	3765
30:	7.67	2.244	14.78	4.08	3765	32.626	.1050	33.049	32.374	3765
50:	6.47	1.197	12.19	4.08	3767	32.660	.1062	33.233	32.382	3767
75:	5.74	.750	9.90	4.09	3752	32.694	.1075	33.381	32.440	3752
100:	5.17	.622	7.83	3.68	3745	32.813	.1528	33.530	32.460	3745
125:	4.75	.446	6.46	3.41	3744	33.285	.2416	33.806	32.581	3744
150:	4.66	.451	6.57	3.39	3739	33.622	.1463	33.890	32.760	3739
175:	4.55	.462	6.47	3.23	3625	33.747	.0731	33.955	33.071	3625
200:	4.39	.427	6.33	3.17	3622	33.794	.0484	33.975	33.341	3622
225:	4.24	.372	6.10	3.22	3615	33.824	.0382	33.976	33.571	3615
250:	4.12	.319	5.90	3.23	3609	33.852	.0333	33.988	33.694	3609
300:	3.97	.234	5.47	3.32	3567	33.909	.0308	34.082	33.782	3567
400:	3.82	.153	4.63	3.43	2475	34.022	.0293	34.136	33.908	2475
500:	3.69	.110	4.19	3.40	2237	34.117	.0263	34.217	33.989	2237
600:	3.53	.088	3.90	3.14	2187	34.192	.0237	34.280	34.096	2187
700:	3.35	.074	3.65	3.01	2156	34.253	.0220	34.342	34.150	2156
800:	3.18	.061	3.46	2.81	2151	34.304	.0215	34.394	34.146	2151
900:	3.02	.052	3.43	2.67	2135	34.346	.0193	34.437	34.220	2135
1000:	2.88	.047	3.14	2.54	2130	34.383	.0181	34.469	34.251	2130
1200:	2.62	.042	2.94	2.31	2107	34.442	.0178	34.535	34.302	2107
1500:	2.31	.043	2.83	2.10	1646	34.509	.0195	34.600	34.360	1646
2000:	1.95	.026	2.09	1.76	566	34.585	.0117	34.620	34.503	566
2500:	1.74	.018	1.82	1.69	457	34.627	.0093	34.668	34.591	457
3000:	1.60	.015	1.65	1.57	449	34.654	.0109	34.692	34.581	449
3500:	1.54	.017	1.76	1.41	436	34.671	.0121	34.703	34.486	436
4000:	1.52	.027	1.57	1.17	407	34.681	.0088	34.731	34.643	407
4100:	1.52	.012	1.57	1.46	367	34.682	.0097	34.741	34.623	367
4200:	1.52	.015	1.57	1.37	298	34.683	.0104	34.738	34.631	298

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.345	.4696	26.144	24.018	3769	263.8	44.68	390.2	187.9	3769
10:	25.353	.4627	26.069	24.029	3766	263.2	44.07	389.5	195.1	3766
20:	25.377	.4476	26.069	24.045	3765	261.1	42.68	388.2	195.1	3765
30:	25.455	.3841	26.069	24.102	3765	253.8	36.66	383.0	195.2	3765
50:	25.663	.2124	26.191	24.652	3767	234.2	20.31	330.8	184.1	3767
75:	25.785	.1504	26.307	25.149	3752	222.8	14.39	283.7	173.3	3752
100:	25.946	.1582	26.561	25.407	3745	207.7	15.10	259.4	149.3	3745
125:	26.367	.1881	26.789	25.667	3744	167.9	17.82	234.6	127.9	3744
150:	26.643	.1095	26.852	25.906	3739	141.9	10.38	211.9	122.2	3739
175:	26.754	.0552	26.895	26.259	3625	131.7	5.30	178.3	118.1	3625
200:	26.809	.0410	26.939	26.475	3622	126.6	4.00	158.1	114.1	3622
225:	26.849	.0376	26.974	26.630	3615	123.0	3.70	143.8	111.0	3615
250:	26.883	.0359	27.017	26.702	3609	119.9	3.54	138.0	107.1	3609
300:	26.944	.0340	27.090	26.780	3567	114.5	3.32	130.8	100.7	3567
400:	27.050	.0306	27.140	26.928	2475	105.2	2.98	117.4	96.6	2475
500:	27.138	.0272	27.226	27.033	2237	97.5	2.66	107.5	89.2	2237
600:	27.214	.0245	27.284	27.119	2187	90.9	2.40	100.1	84.1	2187
700:	27.279	.0220	27.351	27.181	2156	85.3	2.15	94.8	78.2	2156
800:	27.335	.0205	27.405	27.201	2151	80.4	1.99	93.1	73.7	2151
900:	27.384	.0180	27.455	27.284	2135	76.2	1.76	85.5	69.4	2135
1000:	27.426	.0166	27.491	27.323	2130	72.5	1.62	82.1	66.2	2130
1200:	27.496	.0158	27.566	27.387	2107	66.5	1.53	76.5	60.2	2107
1500:	27.576	.0166	27.643	27.457	1646	59.6	1.60	70.5	53.6	1646
2000:	27.665	.0102	27.708	27.600	566	52.0	.99	57.9	47.1	566
2500:	27.715	.0079	27.748	27.685	457	48.1	.74	50.8	45.1	457
3000:	27.747	.0089	27.778	27.689	449	45.8	.83	50.9	42.9	449
3500:	27.766	.0105	27.791	27.601	436	45.0	1.02	61.4	41.7	436
4000:	27.775	.0075	27.820	27.748	407	45.3	.77	47.8	39.1	407
4100:	27.775	.0080	27.825	27.725	367	45.6	.74	50.3	40.7	367
4200:	27.776	.0084	27.822	27.745	298	45.7	.74	48.3	41.5	298

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	8.28	2.711	15.24	4.09	3769	263.8	44.68	390.2	187.9	3769
10:	8.22	2.680	15.19	4.08	3766	263.1	44.02	389.1	195.0	3766
20:	8.09	2.598	15.15	4.08	3765	260.8	42.57	387.6	195.0	3765
30:	7.67	2.244	14.78	4.08	3765	253.4	36.52	382.1	195.0	3765
50:	6.46	1.195	12.19	4.08	3767	233.5	20.19	329.7	183.4	3767
75:	5.73	.749	9.89	4.08	3752	221.9	14.29	282.3	172.3	3752
100:	5.16	.621	7.82	3.68	3745	206.6	15.02	257.8	148.2	3745
125:	4.74	.445	6.45	3.40	3744	166.7	17.86	233.1	126.6	3744
150:	4.65	.451	6.56	3.39	3739	140.4	10.39	210.4	120.6	3739
175:	4.54	.462	6.46	3.22	3625	129.9	5.23	176.8	116.5	3625
200:	4.37	.425	6.31	3.16	3622	124.6	3.88	156.4	112.3	3622
225:	4.22	.371	6.08	3.21	3615	120.9	3.56	141.6	109.0	3615
250:	4.10	.319	5.88	3.21	3609	117.6	3.40	134.7	104.9	3609
300:	3.95	.234	5.45	3.30	3567	111.8	3.21	127.3	98.0	3567
400:	3.79	.152	4.60	3.40	2475	101.7	2.90	113.2	93.1	2475
500:	3.66	.108	4.15	3.37	2237	93.2	2.58	103.2	85.0	2237
600:	3.48	.088	3.85	3.10	2187	86.0	2.31	95.0	79.4	2187
700:	3.30	.073	3.60	2.96	2156	79.8	2.08	89.0	73.0	2156
800:	3.13	.060	3.40	2.76	2151	74.4	1.93	87.1	67.8	2151
900:	2.96	.052	3.37	2.62	2135	69.7	1.70	79.3	63.1	2135
1000:	2.81	.046	3.07	2.47	2130	65.7	1.57	75.5	59.6	2130
1200:	2.54	.042	2.85	2.23	2107	59.0	1.49	69.4	52.4	2107
1500:	2.21	.043	2.72	2.00	1646	51.4	1.57	62.6	44.9	1646
2000:	1.82	.026	1.95	1.62	566	42.6	.96	48.8	38.6	566
2500:	1.57	.017	1.64	1.51	457	37.7	.73	40.5	34.6	457
3000:	1.38	.014	1.42	1.34	449	34.4	.84	39.9	31.5	449
3500:	1.26	.017	1.49	1.14	436	32.3	.99	47.8	29.9	436
4000:	1.19	.026	1.25	.86	407	31.1	.70	33.6	27.0	407
4100:	1.19	.011	1.23	1.13	367	31.0	.75	35.7	26.3	367
4200:	1.17	.015	1.23	1.03	298	30.8	.79	33.9	26.5	298

STD PRESS	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	3769	.00	.000	.00	.00	3769
10:	.26	.044	.39	.20	3766	.01	.004	.02	.01	3766
20:	.53	.088	.78	.39	3765	.05	.009	.08	.04	3765
30:	.79	.127	1.15	.59	3765	.12	.019	.18	.09	3765
50:	1.27	.173	1.79	.98	3767	.32	.038	.44	.25	3767
75:	1.85	.193	2.42	1.46	3752	.68	.055	.89	.54	3752
100:	2.38	.203	3.02	1.90	3745	1.16	.073	1.41	.91	3745
125:	2.86	.214	3.57	2.29	3744	1.70	.097	2.01	1.37	3744
150:	3.24	.229	4.04	2.67	3739	2.24	.131	2.67	1.84	3739
175:	3.58	.242	4.42	3.00	3625	2.80	.158	3.35	2.36	3625
200:	3.91	.249	4.76	3.30	3622	3.42	.175	4.10	2.93	3622
225:	4.22	.255	5.09	3.59	3615	4.09	.191	4.91	3.56	3615
250:	4.52	.260	5.41	3.88	3609	4.83	.208	5.71	4.24	3609
300:	5.11	.271	6.04	4.43	3567	6.47	.244	7.41	5.79	3567
400:	6.19	.294	7.27	5.47	2475	10.38	.336	11.67	9.44	2475
500:	7.20	.311	8.35	6.43	2237	15.02	.450	16.59	13.81	2237
600:	8.14	.326	9.34	7.34	2187	20.29	.572	22.33	18.80	2187
700:	9.01	.339	10.26	8.19	2156	26.11	.704	28.65	24.24	2156
800:	9.84	.352	11.13	8.97	2151	32.44	.845	35.67	30.04	2151
900:	10.63	.364	11.94	9.71	2135	39.22	.988	43.05	36.28	2135
1000:	11.37	.374	12.71	10.43	2130	46.41	1.128	50.68	42.93	2130
1200:	12.76	.394	14.17	11.76	2107	61.96	1.429	67.59	57.19	2107
1500:	14.60	.429	16.14	13.51	1646	87.67	1.963	97.66	80.62	1646
2000:	17.40	.438	18.71	16.28	566	137.22	2.365	144.67	129.71	566
2500:	19.90	.464	21.21	18.68	457	194.41	3.071	202.62	183.75	457
3000:	22.24	.485	23.58	20.89	449	259.95	3.833	271.07	245.75	449
3500:	24.50	.502	25.86	23.02	436	334.80	4.651	349.52	317.57	436
4000:	26.74	.517	28.13	25.17	407	420.77	5.368	438.68	400.23	407
4100:	27.20	.511	28.59	25.61	367	439.63	5.452	457.94	418.11	367
4200:	27.65	.527	29.04	26.04	298	458.81	5.736	475.46	436.40	298

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	6.86	.406	8.54	5.73	993	1480	10.1	1505	1464	3769
10:	6.87	.401	8.45	5.67	993	1480	10.0	1505	1464	3766
20:	6.89	.398	8.45	5.45	993	1480	9.7	1505	1465	3765
30:	6.95	.394	8.46	5.05	992	1478	8.5	1504	1465	3765
50:	7.08	.289	8.48	5.64	990	1474	4.7	1496	1465	3767
75:	7.06	.250	8.46	5.35	988	1472	3.0	1488	1465	3752
100:	6.89	.380	8.27	4.95	988	1470	2.5	1481	1464	3745
125:	5.87	.799	7.75	2.82	986	1469	2.0	1477	1463	3744
150:	4.64	.792	7.02	2.23	981	1470	2.0	1478	1465	3739
175:	3.84	.661	5.91	1.84	979	1470	2.0	1478	1465	3625
200:	3.28	.589	6.00	1.47	977	1470	1.9	1478	1465	3622
225:	2.84	.541	5.12	1.32	974	1469	1.6	1478	1465	3615
250:	2.46	.506	4.54	1.07	968	1469	1.4	1477	1466	3609
300:	1.88	.410	3.50	.09	932	1470	1.0	1476	1467	3567
400:	1.27	.281	2.43	.01	836	1471	.7	1475	1470	2475
500:	.94	.210	2.14	.01	740	1472	.5	1475	1471	2237
600:	.79	.165	1.56	.01	715	1473	.5	1475	1472	2187
700:	.70	.131	1.37	.01	700	1474	.5	1476	1473	2156
800:	.65	.121	1.26	.01	697	1475	.5	1477	1474	2151
900:	.63	.112	1.27	.01	697	1476	.5	1478	1475	2135
1000:	.61	.115	1.30	.01	688	1477	.4	1479	1476	2130
1200:	.65	.113	1.49	.01	662	1479	.1	1481	1479	2107
1500:	.84	.124	1.82	.01	588	1483	.4	1486	1483	1646
2000:	1.41	.128	2.07	.04	497	1490	.5	1491	1490	566
2500:	2.04	.154	2.45	.06	434	1498	.0	1498	1498	457
3000:	2.59	.169	2.97	.13	425	1506	.0	1506	1506	449
3500:	2.97	.326	3.51	.16	405	1514	.0	1515	1514	436
4000:	3.23	.203	3.68	.01	369	1522	.1	1523	1521	407
4100:	3.28	.104	3.60	2.45	325	1524	.4	1525	1524	367
4200:	3.31	.123	4.33	2.92	241	1525	.1	1526	1525	298

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.363	.4489	12.710	.000	2118
10:	11.107	.3491	12.331	10.228	2115
20:	10.847	.3270	11.960	10.006	2116
30:	10.591	.3093	11.670	9.755	2114
50:	10.106	.2842	11.091	9.318	2117
75:	9.534	.2607	10.427	8.812	2117
100:	8.998	.2392	9.853	8.364	2117
125:	8.529	.2186	9.352	7.898	2117
150:	8.145	.2026	8.968	7.531	2117
175:	7.806	.1921	8.600	7.213	2117
200:	7.484	.1841	8.243	6.917	2117
225:	7.174	.1762	7.895	6.625	2117
250:	6.871	.1687	7.557	6.333	2117
300:	6.284	.1546	6.902	5.762	2117
400:	5.188	.1254	5.690	4.783	2117
500:	4.175	.0993	4.576	3.847	2117
600:	3.234	.0764	3.586	2.974	2117
700:	2.353	.0551	2.632	2.160	2117
800:	1.525	.0351	1.713	1.394	2117
900:	.743	.0169	.839	.678	2117
1000:	.000	.0001	.003	.000	2117
1200:	-1.386	.0329	-1.250	-1.584	2106
1500:	-3.266	.0758	-2.960	-3.772	1646
2000:	-6.048	.0960	-5.747	-6.346	566
2500:	-8.541	.1282	-8.103	-8.903	457
3000:	-10.879	.1559	-10.314	-11.360	449
3500:	-13.137	.1802	-12.452	-13.728	436
4000:	-15.385	.1983	-14.603	-16.061	407
4100:	-15.841	.2000	-15.036	-16.527	367
4200:	-16.293	.2072	-15.469	-16.945	298

Table 3. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA-DH at standard pressures, by months.

JANUARY

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	6.04	.574	7.36	4.60	283	32.639	.1081	32.969	32.410	283
10:	6.04	.572	7.33	4.64	283	32.631	.0992	32.850	32.420	283
20:	6.04	.570	7.30	4.65	283	32.632	.0989	32.852	32.420	283
30:	6.04	.570	7.30	4.64	283	32.633	.0987	32.854	32.430	283
50:	6.03	.573	7.30	4.64	283	32.634	.0983	32.864	32.430	283
75:	6.00	.582	7.30	4.64	283	32.643	.1015	32.904	32.440	283
100:	5.47	.691	7.15	3.68	283	32.811	.1801	33.435	32.460	283
125:	4.80	.541	6.27	3.58	283	33.284	.2507	33.770	32.585	283
150:	4.70	.454	6.20	3.54	283	33.618	.1472	33.820	32.801	283
175:	4.56	.452	5.96	3.39	283	33.743	.0774	33.900	33.200	283
200:	4.39	.416	5.44	3.30	282	33.790	.0495	33.900	33.579	282
225:	4.24	.365	5.38	3.35	281	33.819	.0398	33.913	33.656	281
250:	4.12	.316	5.34	3.39	279	33.847	.0359	33.915	33.701	279
300:	3.97	.227	4.82	3.42	276	33.903	.0335	33.978	33.790	276
400:	3.81	.148	4.31	3.48	203	34.019	.0302	34.105	33.939	203
500:	3.68	.114	4.02	3.47	193	34.114	.0284	34.176	34.008	193
600:	3.52	.092	3.81	3.33	187	34.190	.0249	34.259	34.116	187
700:	3.34	.076	3.52	3.20	185	34.249	.0259	34.308	34.151	185
800:	3.17	.060	3.34	3.04	185	34.299	.0265	34.360	34.146	185
900:	3.02	.049	3.13	2.90	185	34.344	.0237	34.415	34.259	185
1000:	2.87	.044	2.97	2.76	185	34.380	.0226	34.450	34.304	185
1200:	2.61	.036	2.69	2.50	180	34.438	.0243	34.505	34.360	180
1500:	2.30	.036	2.38	2.19	142	34.505	.0282	34.570	34.408	142
2000:	1.95	.020	2.00	1.91	57	34.585	.0123	34.614	34.529	57
2500:	1.74	.016	1.77	1.70	50	34.627	.0105	34.668	34.605	50
3000:	1.60	.017	1.64	1.57	48	34.653	.0126	34.675	34.604	48
3500:	1.54	.012	1.57	1.52	46	34.671	.0087	34.690	34.643	46
4000:	1.50	.065	1.55	1.17	43	34.682	.0108	34.715	34.655	43
4100:	1.52	.012	1.56	1.50	40	34.682	.0097	34.705	34.655	40
4200:	1.52	.015	1.57	1.50	31	34.683	.0105	34.703	34.654	31

JANUARY

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	6.04	.574	7.36	4.60	283	229.5	13.48	262.1	204.6	283
10:	6.04	.572	7.33	4.64	283	230.0	13.03	261.2	201.9	283
20:	6.04	.570	7.30	4.65	283	230.0	12.96	259.7	202.3	283
30:	6.04	.570	7.30	4.64	283	229.9	12.94	259.7	201.9	283
50:	6.03	.573	7.30	4.64	283	229.7	12.95	259.7	201.9	283
75:	5.99	.582	7.29	4.63	283	228.6	13.33	259.2	201.8	283
100:	5.46	.691	7.14	3.68	283	210.1	19.01	256.0	148.9	283
125:	4.79	.541	6.26	3.57	283	167.3	20.36	233.1	128.2	283
150:	4.68	.454	6.19	3.53	283	141.0	10.84	201.7	122.4	283
175:	4.54	.451	5.94	3.38	283	130.2	5.77	165.5	119.4	283
200:	4.37	.414	5.42	3.29	282	124.9	4.11	136.2	116.3	282
225:	4.22	.363	5.36	3.34	281	121.2	3.74	130.4	112.6	281
250:	4.10	.315	5.32	3.37	279	117.9	3.59	127.3	109.3	279
300:	3.95	.226	4.80	3.40	276	112.2	3.48	123.9	104.4	276
400:	3.78	.148	4.28	3.45	203	101.8	2.99	111.1	94.1	203
500:	3.65	.113	3.99	3.44	193	93.4	2.75	102.4	87.5	193
600:	3.48	.093	3.76	3.29	187	86.1	2.43	92.5	80.3	187
700:	3.29	.076	3.48	3.16	185	80.0	2.36	89.0	75.0	185
800:	3.12	.059	3.28	2.99	185	74.7	2.28	87.1	69.6	185
900:	2.96	.049	3.07	2.84	185	69.9	1.98	77.1	64.2	185
1000:	2.80	.043	2.90	2.70	185	65.8	1.84	71.8	60.3	185
1200:	2.53	.036	2.61	2.42	180	59.2	1.89	65.1	54.1	180
1500:	2.20	.036	2.28	2.09	142	51.6	2.06	58.8	47.2	142
2000:	1.82	.019	1.86	1.77	57	42.7	.98	46.9	40.5	57
2500:	1.56	.015	1.59	1.53	50	37.7	.81	39.4	34.6	50
3000:	1.38	.017	1.41	1.34	48	34.5	.99	38.4	32.8	48
3500:	1.27	.011	1.29	1.25	46	32.4	.69	34.4	30.8	46
4000:	1.18	.063	1.22	.86	43	31.0	1.00	33.0	27.0	43
4100:	1.19	.011	1.23	1.17	40	31.0	.74	33.0	29.3	40
4200:	1.18	.017	1.23	1.15	31	30.9	.80	33.0	29.3	31

JANUARY

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.706	.1419	25.968	25.363	283	229.5	13.49	262.1	204.6	283
10:	25.700	.1371	25.997	25.373	283	230.2	13.05	261.4	202.0	283
20:	25.701	.1363	25.992	25.388	283	230.2	12.97	260.6	202.5	283
30:	25.702	.1361	25.997	25.388	283	230.2	12.97	260.1	202.2	283
50:	25.704	.1363	25.997	25.388	283	230.3	13.00	260.4	202.3	283
75:	25.715	.1403	25.997	25.392	283	229.5	13.41	260.4	202.5	283
100:	25.910	.2002	26.554	25.426	283	211.2	19.12	257.5	149.8	283
125:	26.360	.2145	26.772	25.667	283	168.5	20.38	234.6	129.3	283
150:	26.637	.1143	26.834	25.997	283	142.6	10.84	203.1	123.6	283
175:	26.751	.0609	26.865	26.379	283	132.0	5.83	166.9	120.9	283
200:	26.806	.0434	26.898	26.687	282	126.9	4.23	138.5	117.8	282
225:	26.845	.0395	26.936	26.748	281	123.3	3.87	132.9	114.4	281
250:	26.879	.0379	26.970	26.780	279	120.3	3.71	130.4	111.4	279
300:	26.940	.0368	27.022	26.816	276	114.9	3.58	126.8	106.9	276
400:	27.049	.0316	27.130	26.950	203	105.3	3.07	115.1	97.5	203
500:	27.137	.0290	27.199	27.042	193	97.6	2.83	106.7	91.6	193
600:	27.213	.0258	27.274	27.145	187	91.0	2.52	97.5	85.2	187
700:	27.277	.0250	27.329	27.181	185	85.5	2.44	94.8	80.5	185
800:	27.333	.0241	27.386	27.201	185	80.6	2.33	93.1	75.6	185
900:	27.382	.0209	27.442	27.306	185	76.3	2.01	83.6	70.7	185
1000:	27.425	.0195	27.483	27.362	185	72.6	1.86	78.5	67.2	185
1200:	27.494	.0200	27.548	27.432	180	66.7	1.88	72.4	61.7	180
1500:	27.573	.0217	27.619	27.497	142	59.8	1.97	66.7	55.8	142
2000:	27.665	.0104	27.688	27.620	57	52.0	.98	56.1	49.9	57
2500:	27.715	.0087	27.748	27.697	50	48.1	.80	49.7	45.1	50
3000:	27.746	.0105	27.764	27.705	48	45.9	.99	49.7	44.3	48
3500:	27.765	.0073	27.781	27.744	46	45.0	.69	46.8	43.5	46
4000:	27.776	.0109	27.820	27.755	43	45.0	1.42	47.0	39.1	43
4100:	27.775	.0080	27.793	27.754	40	45.6	.71	47.8	44.1	40
4200:	27.776	.0084	27.792	27.754	31	45.8	.74	47.6	44.4	31

JANUARY

STD PRESS	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	283	.00	.000	.00	.00	283
10:	.23	.013	.26	.21	283	.01	.000	.01	.01	283
20:	.46	.026	.52	.41	283	.05	.004	.05	.04	283
30:	.69	.039	.78	.61	283	.11	.007	.12	.09	283
50:	1.15	.064	1.31	1.01	283	.29	.017	.34	.26	283
75:	1.73	.098	1.97	1.52	283	.66	.039	.76	.58	283
100:	2.28	.124	2.61	2.03	283	1.15	.063	1.34	1.01	283
125:	2.76	.142	3.15	2.40	283	1.70	.097	1.96	1.41	283
150:	3.15	.160	3.54	2.72	283	2.24	.136	2.56	1.85	283
175:	3.49	.172	3.89	3.02	283	2.81	.163	3.32	2.36	283
200:	3.81	.181	4.22	3.32	282	3.42	.182	4.05	2.94	282
225:	4.12	.190	4.54	3.61	281	4.10	.200	4.75	3.57	281
250:	4.43	.197	4.86	3.90	279	4.83	.219	5.51	4.26	279
300:	5.01	.211	5.48	4.46	276	6.48	.260	7.18	5.82	276
400:	6.11	.235	6.64	5.50	203	10.39	.342	11.23	9.51	203
500:	7.13	.253	7.70	6.47	193	15.04	.453	16.26	14.00	193
600:	8.06	.275	8.68	7.38	187	20.32	.591	21.89	19.06	187
700:	8.95	.295	9.60	8.23	185	26.16	.736	28.08	24.69	185
800:	9.78	.314	10.46	9.03	185	32.51	.903	35.26	30.76	185
900:	10.56	.332	11.33	9.80	185	39.30	1.071	43.00	37.15	185
1000:	11.31	.347	12.11	10.53	185	46.50	1.235	50.59	43.80	185
1200:	12.69	.376	13.57	11.90	180	62.07	1.611	66.92	58.34	180
1500:	14.50	.395	15.53	13.74	142	87.78	2.344	94.97	82.51	142
2000:	17.29	.399	18.39	16.49	57	137.36	2.619	144.67	132.46	57
2500:	19.78	.418	20.91	18.91	50	194.43	3.308	202.62	187.66	50
3000:	22.12	.438	23.27	21.12	48	260.04	4.163	268.90	249.46	48
3500:	24.39	.454	25.54	23.31	46	334.98	5.068	346.85	322.17	46
4000:	26.61	.470	27.79	25.49	43	420.84	6.143	435.94	405.38	43
4100:	27.07	.487	28.24	25.93	40	439.94	6.409	455.39	423.51	40
4200:	27.50	.497	28.34	26.37	31	459.28	7.020	475.46	442.21	31

JANUARY

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	7.03	.221	7.44	5.98	90	1472	2.2	1477	1466	283
10:	7.04	.180	7.49	6.33	90	1472	2.2	1477	1467	283
20:	7.02	.218	7.47	5.86	90	1472	2.2	1477	1467	283
30:	7.01	.216	7.46	5.95	90	1472	2.2	1477	1467	283
50:	7.03	.208	7.50	6.00	90	1472	2.2	1478	1467	283
75:	7.00	.215	7.57	6.09	90	1473	2.3	1478	1468	283
100:	6.77	.425	7.32	5.52	90	1471	2.7	1478	1464	283
125:	5.79	.854	7.19	4.06	90	1469	2.2	1476	1464	283
150:	4.70	.829	6.63	2.91	90	1470	2.0	1477	1466	283
175:	3.90	.715	5.53	2.23	90	1470	1.9	1476	1465	283
200:	3.34	.652	4.94	1.79	90	1470	1.8	1474	1465	282
225:	2.90	.597	4.29	1.51	90	1469	1.5	1475	1466	281
250:	2.51	.566	3.70	1.23	88	1469	1.4	1475	1467	279
300:	1.91	.449	3.19	.93	83	1470	1.0	1474	1468	276
400:	1.28	.286	2.17	.51	78	1471	.7	1473	1470	203
500:	.93	.211	1.68	.39	72	1472	.6	1474	1472	193
600:	.79	.162	1.29	.37	69	1473	.5	1475	1473	187
700:	.71	.142	1.18	.48	68	1474	.5	1475	1474	185
800:	.67	.143	1.26	.44	68	1475	.5	1476	1475	185
900:	.64	.127	1.00	.29	68	1476	.5	1477	1476	185
1000:	.62	.130	1.00	.03	67	1477	.5	1478	1477	185
1200:	.66	.087	.93	.51	64	1479	.1	1480	1479	180
1500:	.82	.087	1.17	.63	56	1483	.4	1484	1483	142
2000:	1.38	.205	1.60	.04	50	1490	.5	1491	1490	57
2500:	2.04	.105	2.42	1.78	48	1498	.0	1498	1498	50
3000:	2.57	.109	2.97	2.26	47	1506	.0	1506	1506	46
3500:	2.98	.083	3.23	2.77	45	1514	.0	1514	1514	46
4000:	3.23	.138	3.49	2.52	41	1522	.3	1523	1521	43
4100:	3.29	.084	3.51	3.11	38	1524	.4	1525	1524	40
4200:	3.33	.116	3.64	3.14	24	1526	.0	1526	1526	31

JANUARY

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.302	.3465	12.113	10.535	183
10:	11.071	.3367	11.885	10.322	183
20:	10.840	.3269	11.656	10.106	183
30:	10.609	.3176	11.431	9.891	183
50:	10.147	.2997	10.976	9.467	183
75:	9.567	.2792	10.407	8.934	183
100:	9.015	.2565	9.837	8.483	183
125:	8.543	.2306	9.299	8.087	183
150:	8.160	.2127	8.858	7.729	183
175:	7.820	.2041	8.483	7.409	183
200:	7.498	.1967	8.134	7.094	183
225:	7.187	.1891	7.797	6.793	183
250:	6.883	.1820	7.473	6.501	183
300:	6.296	.1683	6.839	5.928	183
400:	5.196	.1385	5.654	4.874	183
500:	4.183	.1117	4.569	3.916	183
600:	3.240	.0872	3.575	3.029	183
700:	2.358	.0635	2.618	2.200	183
800:	1.528	.0401	1.679	1.414	183
900:	.744	.0191	.805	.687	183
1000:	.000	.0000	.000	.000	183
1200:	-1.389	.0384	-1.297	-1.507	180
1500:	-3.274	.0964	-3.055	-3.583	142
2000:	-6.055	.1126	-5.833	-6.330	57
2500:	-8.544	.1438	-8.257	-8.869	50
3000:	-10.885	.1754	-10.460	-11.315	48
3500:	-13.148	.2031	-12.655	-13.669	46
4000:	-15.391	.2296	-14.831	-15.999	43
4100:	-15.858	.2365	-15.271	-16.471	40
4200:	-16.316	.2530	-15.713	-16.945	31

FEBRUARY

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	5.69	.561	6.76	4.20	282	32.647	.0900	32.900	32.459	282
10:	5.67	.566	6.60	4.21	282	32.646	.0863	32.850	32.477	282
20:	5.67	.563	6.59	4.22	282	32.648	.0870	32.905	32.483	282
30:	5.66	.563	6.59	4.20	282	32.649	.0902	33.049	32.479	282
50:	5.66	.565	6.59	4.20	282	32.652	.0962	33.233	32.489	282
75:	5.64	.568	6.59	4.21	282	32.657	.1022	33.381	32.488	282
100:	5.46	.547	6.59	4.22	282	32.759	.1774	33.510	32.510	282
125:	4.82	.421	5.89	3.58	281	33.310	.2614	33.759	32.641	281
150:	4.69	.393	5.46	3.45	281	33.641	.1372	33.810	32.870	281
175:	4.56	.404	5.39	3.32	280	33.753	.0600	33.840	33.541	280
200:	4.39	.363	5.19	3.28	279	33.797	.0370	33.870	33.664	279
225:	4.24	.313	4.91	3.33	278	33.825	.0304	33.887	33.699	278
250:	4.13	.266	4.71	3.37	277	33.853	.0280	33.923	33.729	277
300:	3.98	.195	4.47	3.46	277	33.911	.0270	34.082	33.823	277
400:	3.81	.125	4.04	3.49	190	34.024	.0269	34.090	33.944	190
500:	3.68	.092	3.87	3.48	177	34.117	.0244	34.186	34.043	177
600:	3.52	.081	3.69	3.34	175	34.193	.0214	34.243	34.121	175
700:	3.35	.070	3.51	3.19	173	34.251	.0198	34.298	34.155	173
800:	3.18	.056	3.37	3.04	172	34.302	.0197	34.346	34.184	172
900:	3.02	.049	3.25	2.91	171	34.345	.0170	34.384	34.257	171
1000:	2.87	.046	3.13	2.77	170	34.382	.0155	34.426	34.308	170
1200:	2.62	.045	2.94	2.51	168	34.441	.0153	34.490	34.398	168
1500:	2.31	.040	2.40	2.20	120	34.509	.0166	34.559	34.467	120
2000:	1.95	.026	2.00	1.87	40	34.582	.0210	34.602	34.503	40
2500:	1.74	.015	1.77	1.71	31	34.628	.0076	34.640	34.611	31
3000:	1.60	.016	1.65	1.57	31	34.651	.0157	34.670	34.581	31
3500:	1.53	.010	1.56	1.52	29	34.672	.0059	34.681	34.657	29
4000:	1.51	.008	1.53	1.50	28	34.681	.0077	34.696	34.663	28
4100:	1.52	.012	1.54	1.49	25	34.682	.0070	34.695	34.670	25
4200:	1.52	.018	1.56	1.49	18	34.684	.0085	34.696	34.671	18

FEBRUARY

STD PRESS	STIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.755	.1290	26.058	25.505	282	224.8	12.26	248.6	196.0	282
10:	25.757	.1263	26.043	25.540	282	224.8	12.02	245.4	197.6	282
20:	25.759	.1257	25.999	25.548	282	224.7	11.96	244.8	201.8	282
30:	25.760	.1269	26.045	25.551	282	224.7	12.09	244.6	197.6	282
50:	25.764	.1301	26.191	25.552	282	224.6	12.41	244.6	184.1	282
75:	25.769	.1333	26.307	25.550	282	224.3	12.74	245.2	173.3	282
100:	25.871	.1794	26.505	25.549	282	214.8	17.11	245.6	154.7	282
125:	26.380	.2155	26.789	25.775	281	166.7	20.44	224.3	127.9	281
150:	26.655	.0992	26.814	26.036	281	140.8	9.39	199.5	125.6	281
175:	26.758	.0423	26.859	26.617	280	131.3	4.07	144.5	121.5	280
200:	26.812	.0336	26.893	26.694	279	126.3	3.30	137.8	118.4	279
225:	26.850	.0324	26.933	26.736	278	122.9	3.19	133.9	114.8	278
250:	26.884	.0319	26.971	26.780	277	119.8	3.13	130.0	111.4	277
300:	26.945	.0306	27.090	26.863	277	114.3	2.99	122.5	100.7	277
400:	27.052	.0274	27.114	26.991	190	104.9	2.67	110.8	99.0	190
500:	27.139	.0243	27.203	27.082	177	97.4	2.36	102.9	91.4	177
600:	27.215	.0222	27.266	27.151	175	90.8	2.17	97.0	85.8	175
700:	27.278	.0200	27.325	27.188	173	85.3	1.96	94.0	80.9	173
800:	27.334	.0187	27.375	27.234	172	80.5	1.82	90.2	76.5	172
900:	27.383	.0159	27.419	27.292	171	76.2	1.56	85.3	72.7	171
1000:	27.426	.0144	27.460	27.344	170	72.5	1.41	80.8	69.2	170
1200:	27.495	.0136	27.535	27.433	168	66.5	1.33	73.3	62.9	168
1500:	27.576	.0130	27.619	27.547	120	59.5	1.20	62.1	55.5	120
2000:	27.663	.0170	27.680	27.600	40	52.2	1.58	57.9	50.5	40
2500:	27.715	.0065	27.725	27.702	31	48.0	.63	49.3	47.0	31
3000:	27.745	.0128	27.760	27.689	31	46.0	1.16	50.9	44.6	31
3500:	27.766	.0048	27.774	27.755	29	44.9	.45	45.8	44.1	29
4000:	27.775	.0065	27.787	27.761	28	45.3	.59	46.4	44.2	28
4100:	27.775	.0062	27.788	27.765	25	45.5	.60	46.5	44.2	25
4200:	27.777	.0075	27.789	27.766	18	45.6	.75	46.8	44.3	18

FEBRUARY

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	5.69	.561	6.70	4.20	282	224.8	12.26	248.6	196.0	282
10:	5.67	.566	6.60	4.21	282	224.6	12.01	245.3	197.5	282
20:	5.67	.563	6.59	4.22	282	224.5	11.94	244.5	201.6	282
30:	5.66	.563	6.59	4.20	282	224.3	12.06	244.2	197.3	282
50:	5.65	.565	6.59	4.20	282	224.0	12.36	244.1	183.4	282
75:	5.63	.567	6.58	4.20	282	223.4	12.66	244.2	172.3	282
100:	5.45	.547	6.58	4.21	282	213.7	17.04	244.3	153.6	282
125:	4.81	.421	5.88	3.57	281	165.4	20.45	222.9	126.6	281
150:	4.68	.394	5.44	3.44	281	139.3	9.42	198.1	124.2	281
175:	4.55	.404	5.38	3.31	280	129.5	4.01	142.8	120.0	280
200:	4.37	.362	5.17	3.27	279	124.4	3.18	135.5	116.7	279
225:	4.23	.313	4.89	3.31	278	120.8	3.07	131.5	112.9	278
250:	4.11	.266	4.69	3.35	277	117.5	3.02	127.3	109.3	277
300:	3.96	.194	4.45	3.44	277	111.6	2.89	119.5	98.0	277
400:	3.78	.125	4.02	3.46	190	101.5	2.60	107.2	95.6	190
500:	3.65	.091	3.83	3.45	177	93.2	2.30	98.5	87.1	177
600:	3.48	.081	3.65	3.30	175	85.9	2.09	92.0	81.1	175
700:	3.30	.069	3.46	3.15	173	79.8	1.89	88.4	75.5	173
800:	3.12	.056	3.32	2.99	172	74.5	1.77	84.0	70.6	172
900:	2.96	.049	3.18	2.85	171	69.8	1.51	78.5	66.4	171
1000:	2.80	.045	3.06	2.70	170	65.7	1.36	73.5	62.5	170
1200:	2.53	.044	2.85	2.43	168	59.1	1.29	65.0	55.3	168
1500:	2.21	.040	2.29	2.10	120	51.3	1.22	54.0	47.3	120
2000:	1.81	.026	1.86	1.73	40	42.9	1.60	48.8	41.2	40
2500:	1.56	.015	1.60	1.54	31	37.6	.60	38.9	36.7	31
3000:	1.38	.015	1.42	1.35	31	34.6	1.22	39.9	33.2	31
3500:	1.26	.010	1.29	1.25	29	32.2	.46	33.3	31.5	29
4000:	1.19	.008	1.21	1.18	28	31.1	.61	32.4	30.0	28
4100:	1.18	.012	1.21	1.16	25	31.0	.58	32.0	29.8	25
4200:	1.17	.017	1.21	1.14	18	30.7	.70	31.8	29.6	18

FEBRUARY

STD PRESS	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	282	.00	.000	.00	.00	282
10:	.22	.012	.25	.20	282	.01	.000	.01	.01	282
20:	.45	.024	.49	.40	282	.05	.005	.05	.04	282
30:	.68	.036	.74	.61	282	.10	.005	.11	.09	282
50:	1.12	.060	1.23	1.01	282	.29	.015	.32	.25	282
75:	1.69	.091	1.85	1.48	282	.65	.036	.72	.54	282
100:	2.24	.119	2.45	1.90	282	1.14	.062	1.26	.91	282
125:	2.72	.136	2.98	2.29	281	1.69	.091	1.86	1.37	281
150:	3.10	.149	3.39	2.67	281	2.22	.123	2.45	1.89	281
175:	3.44	.158	3.73	3.02	280	2.78	.143	3.15	2.43	280
200:	3.76	.163	4.05	3.36	279	3.39	.155	3.81	3.03	279
225:	4.07	.168	4.37	3.68	278	4.07	.168	4.50	3.69	278
250:	4.38	.174	4.66	3.97	277	4.80	.182	5.27	4.39	277
300:	4.96	.184	5.27	4.52	277	6.44	.215	6.95	5.94	277
400:	6.03	.204	6.40	5.55	190	10.31	.284	10.96	9.63	190
500:	7.04	.221	7.44	6.51	177	14.96	.386	15.78	13.99	177
600:	7.98	.238	8.42	7.39	175	20.23	.500	21.30	18.96	175
700:	8.86	.251	9.35	8.23	173	26.06	.610	27.41	24.54	173
800:	9.69	.262	10.23	9.04	172	32.38	.726	34.00	30.68	172
900:	10.47	.272	11.04	9.79	171	39.16	.850	41.53	37.23	171
1000:	11.21	.281	11.81	10.51	170	46.36	.968	49.57	44.10	170
1200:	12.60	.298	13.23	11.85	168	61.90	1.239	66.83	58.96	166
1500:	14.41	.314	15.00	13.66	120	87.51	1.568	91.06	84.00	120
2000:	17.18	.376	17.76	16.52	40	136.90	2.647	142.09	132.27	40
2500:	19.68	.418	20.33	18.96	31	194.19	3.595	201.38	188.22	31
3000:	22.02	.446	22.68	21.26	31	259.88	4.464	267.45	252.40	31
3500:	24.28	.477	24.99	23.48	29	334.74	5.438	343.74	326.15	29
4000:	26.51	.490	27.24	25.69	28	420.59	6.015	430.18	410.50	28
4100:	27.00	.498	27.70	26.13	25	439.75	6.300	449.34	428.74	25
4200:	27.38	.507	28.16	26.58	18	457.71	6.412	468.04	447.46	18

FEBRUARY

STD PRESS	OXYGEN MEAN	OXYGEN S.D.	OXYGEN MAX	OXYGEN MIN	OXYGEN N	SOUND MEAN	SOUND S.D.	SOUND MAX	SOUND MIN	SOUND N
0:	7.09	.211	7.49	6.23	72	1470	2.2	1475	1465	282
10:	7.09	.165	7.47	6.53	72	1470	2.2	1474	1465	282
20:	7.08	.168	7.47	6.60	72	1470	2.2	1475	1465	282
30:	7.08	.180	7.47	6.34	72	1471	2.2	1475	1465	282
50:	7.07	.213	7.45	6.01	72	1471	2.3	1475	1465	282
75:	7.07	.238	7.44	5.75	72	1471	2.2	1475	1466	282
100:	6.91	.331	7.44	5.56	72	1471	2.2	1476	1466	282
125:	5.76	.833	7.14	3.95	71	1470	1.8	1474	1464	281
150:	4.57	.673	6.07	3.21	71	1470	1.7	1473	1465	281
175:	3.77	.489	4.64	2.54	71	1470	1.8	1474	1465	280
200:	3.21	.465	4.27	2.03	69	1470	1.6	1474	1465	279
225:	2.76	.439	3.78	1.63	69	1469	1.4	1473	1466	278
250:	2.36	.434	3.31	1.28	69	1469	1.2	1472	1467	277
300:	1.78	.368	2.63	1.00	67	1470	.9	1472	1468	277
400:	1.22	.261	1.84	.73	61	1471	.6	1472	1470	190
500:	.92	.195	1.45	.61	53	1472	.5	1473	1472	177
600:	.80	.162	1.23	.51	53	1473	.5	1474	1473	175
700:	.71	.121	1.03	.46	51	1474	.5	1475	1474	173
800:	.65	.109	.91	.42	50	1475	.5	1476	1475	172
900:	.63	.096	.87	.39	50	1476	.5	1477	1476	171
1000:	.61	.093	.85	.40	50	1477	.5	1479	1477	170
1200:	.64	.077	.83	.46	48	1479	.1	1481	1479	168
1500:	.82	.086	1.07	.63	42	1483	.4	1484	1483	120
2000:	1.40	.089	1.60	1.18	37	1490	.5	1491	1490	40
2500:	2.06	.083	2.21	1.84	31	1498	.0	1498	1498	31
3000:	2.56	.144	2.73	2.11	30	1506	.0	1506	1506	31
3500:	2.93	.533	3.38	.21	29	1514	.0	1514	1514	29
4000:	3.10	.639	3.37	.01	26	1523	.0	1523	1523	28
4100:	3.25	.102	3.41	3.03	24	1524	.4	1525	1524	25
4200:	3.30	.080	3.40	3.10	17	1526	.0	1526	1526	18

FERRUARY

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.211	.2807	11.810	10.507	170
10:	10.987	.2725	11.565	10.305	170
20:	10.763	.2646	11.323	10.103	170
30:	10.539	.2569	11.082	9.900	170
50:	10.092	.2425	10.600	9.494	170
75:	9.534	.2268	9.999	8.986	170
100:	8.987	.2105	9.429	8.465	170
125:	8.513	.1850	9.033	8.062	170
150:	8.136	.1709	8.661	7.736	170
175:	7.799	.1642	8.307	7.428	170
200:	7.477	.1583	7.968	7.124	170
225:	7.168	.1522	7.642	6.824	170
250:	6.865	.1463	7.328	6.532	170
300:	6.280	.1344	6.729	5.973	170
400:	5.186	.1104	5.610	4.927	170
500:	4.175	.0883	4.571	3.967	170
600:	3.234	.0684	3.586	3.076	170
700:	2.355	.0491	2.632	2.243	170
800:	1.526	.0317	1.707	1.457	170
900:	.743	.0148	.830	.709	170
1000:	.000	.0002	.002	.000	170
1200:	-1.386	.0302	-1.311	-1.540	168
1500:	-3.261	.0573	-3.118	-3.374	120
2000:	-6.038	.1111	-5.814	-6.277	40
2500:	-8.533	.1529	-8.243	-8.870	31
3000:	-10.877	.1810	-10.526	-11.210	31
3500:	-13.135	.2112	-12.753	-13.494	29
4000:	-15.379	.2266	-15.003	-15.771	28
4100:	-15.849	.2361	-15.446	-16.236	25
4200:	-16.252	.2338	-15.897	-16.591	18

MARCH

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	5.52	.573	6.50	4.09	396	32.654	.0997	32.967	32.510	396
10:	5.49	.575	6.44	4.08	396	32.653	.0972	32.899	32.510	396
20:	5.49	.576	6.42	4.08	396	32.654	.0977	32.899	32.510	396
30:	5.48	.580	6.40	4.08	395	32.654	.0976	32.899	32.510	395
50:	5.46	.586	6.39	4.08	396	32.656	.0979	32.899	32.510	396
75:	5.42	.596	6.39	4.09	396	32.660	.0983	32.902	32.510	396
100:	5.27	.582	6.36	4.03	396	32.754	.1687	33.430	32.519	396
125:	4.85	.379	6.24	3.80	396	33.341	.2521	33.806	32.643	396
150:	4.76	.395	5.80	3.58	396	33.654	.1214	33.840	32.830	396
175:	4.64	.394	5.78	3.54	396	33.759	.0583	33.934	33.452	396
200:	4.46	.357	5.41	3.48	396	33.800	.0388	33.950	33.609	396
225:	4.30	.308	5.14	3.50	396	33.826	.0317	33.950	33.664	396
250:	4.18	.264	4.91	3.45	395	33.853	.0293	33.980	33.714	395
300:	4.02	.196	4.65	3.41	393	33.910	.0284	34.030	33.804	393
400:	3.84	.138	4.07	3.49	275	34.024	.0265	34.130	33.928	275
500:	3.71	.092	3.91	3.47	255	34.119	.0234	34.203	34.028	255
600:	3.54	.072	3.69	3.35	254	34.195	.0219	34.270	34.096	254
700:	3.36	.064	3.51	3.19	252	34.253	.0199	34.310	34.170	252
800:	3.19	.054	3.35	3.03	251	34.303	.0197	34.360	34.214	251
900:	3.03	.046	3.16	2.87	251	34.347	.0174	34.398	34.270	251
1000:	2.88	.041	2.99	2.75	251	34.384	.0161	34.430	34.291	251
1200:	2.62	.037	2.72	2.46	251	34.442	.0165	34.493	34.353	251
1500:	2.32	.033	2.41	2.22	157	34.510	.0158	34.560	34.437	157
2000:	1.95	.020	1.99	1.90	52	34.588	.0120	34.606	34.533	52
2500:	1.73	.018	1.77	1.69	43	34.631	.0089	34.649	34.613	43
3000:	1.60	.017	1.64	1.57	42	34.658	.0084	34.678	34.638	42
3500:	1.53	.011	1.55	1.51	40	34.675	.0073	34.694	34.661	40
4000:	1.52	.011	1.55	1.50	40	34.684	.0103	34.712	34.668	40
4100:	1.52	.011	1.55	1.50	35	34.684	.0101	34.709	34.669	35
4200:	1.52	.014	1.55	1.48	31	34.687	.0108	34.708	34.670	31

MARCH

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.782	.1306	26.065	25.566	396	222.3	12.40	242.8	195.4	396
10:	25.783	.1293	26.069	25.570	396	222.3	12.30	242.5	195.1	396
20:	25.784	.1299	26.069	25.571	396	222.3	12.36	242.6	195.1	396
30:	25.785	.1301	26.069	25.571	395	222.3	12.39	242.7	195.2	395
50:	25.790	.1309	26.073	25.571	396	222.1	12.49	242.9	195.0	396
75:	25.797	.1319	26.073	25.570	396	221.6	12.62	243.3	195.1	396
100:	25.889	.1702	26.456	25.574	396	213.1	16.24	243.2	159.3	396
125:	26.401	.1967	26.766	25.837	396	164.7	18.63	218.2	130.1	396
150:	26.658	.0916	26.814	26.021	396	140.6	8.69	200.8	125.7	396
175:	26.755	.0441	26.877	26.568	396	131.6	4.24	149.1	119.9	396
200:	26.806	.0342	26.910	26.718	396	126.9	3.35	135.7	117.0	396
225:	26.844	.0319	26.952	26.766	396	123.5	3.13	131.2	113.2	396
250:	26.879	.0308	26.980	26.800	395	120.3	3.02	128.1	110.7	395
300:	26.940	.0294	27.033	26.861	393	114.9	2.87	122.4	106.2	393
400:	27.048	.0277	27.128	26.958	275	105.3	2.70	114.0	97.9	275
500:	27.138	.0247	27.208	27.056	255	97.6	2.40	105.3	90.9	255
600:	27.215	.0227	27.279	27.128	254	90.9	2.21	99.1	84.8	254
700:	27.278	.0201	27.329	27.206	252	85.4	1.98	92.3	80.4	252
800:	27.335	.0186	27.386	27.260	251	80.5	1.81	87.5	75.5	251
900:	27.384	.0164	27.432	27.319	251	76.2	1.60	82.4	71.5	251
1000:	27.427	.0150	27.471	27.347	251	72.5	1.47	80.0	68.1	251
1200:	27.495	.0148	27.537	27.421	251	66.6	1.44	73.5	62.4	251
1500:	27.576	.0138	27.615	27.519	157	59.6	1.33	64.8	56.0	157
2000:	27.668	.0099	27.683	27.627	52	51.7	.92	55.1	50.1	52
2500:	27.718	.0071	27.733	27.705	43	47.7	.64	49.0	46.3	43
3000:	27.751	.0067	27.767	27.734	42	45.4	.62	47.0	44.0	42
3500:	27.769	.0056	27.783	27.758	40	44.6	.49	45.7	43.5	40
4000:	27.777	.0084	27.800	27.764	40	45.1	.78	46.3	43.0	40
4100:	27.777	.0083	27.798	27.765	35	45.3	.76	46.5	43.4	35
4200:	27.779	.0092	27.798	27.766	31	45.5	.86	46.7	43.6	31

MARCH

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	5.52	.573	6.50	4.09	396	222.3	12.40	242.8	195.4	396
10:	5.49	.575	6.44	4.08	396	222.2	12.29	242.4	195.0	396
20:	5.49	.576	6.42	4.08	396	222.1	12.34	242.3	195.0	396
30:	5.48	.580	6.40	4.08	395	222.0	12.36	242.3	195.0	395
50:	5.45	.586	6.39	4.08	396	221.5	12.44	242.3	194.6	396
75:	5.41	.596	6.38	4.08	396	220.8	12.53	242.3	194.6	396
100:	5.26	.581	6.35	4.03	396	212.1	16.16	242.0	158.2	396
125:	4.84	.379	6.23	3.79	396	163.4	18.67	216.9	128.8	396
150:	4.75	.395	5.79	3.57	396	139.0	8.69	199.4	124.2	396
175:	4.62	.394	5.77	3.52	396	129.8	4.18	147.5	118.2	396
200:	4.45	.356	5.39	3.47	396	124.9	3.24	133.2	115.0	396
225:	4.29	.307	5.12	3.49	396	121.3	3.02	128.7	111.1	396
250:	4.16	.263	4.89	3.43	395	118.0	2.92	125.4	108.4	395
300:	4.00	.196	4.63	3.39	393	112.2	2.78	119.6	103.4	393
400:	3.82	.137	4.05	3.47	275	101.8	2.62	110.4	94.3	275
500:	3.67	.090	3.88	3.44	255	93.3	2.34	101.0	86.6	255
600:	3.49	.072	3.64	3.31	254	85.9	2.14	94.1	79.8	254
700:	3.31	.064	3.46	3.14	252	79.8	1.90	86.7	75.1	252
800:	3.13	.054	3.29	2.97	251	74.5	1.76	81.5	69.6	251
900:	2.96	.046	3.10	2.81	251	69.8	1.54	75.9	65.2	251
1000:	2.81	.040	2.92	2.68	251	65.7	1.42	73.2	61.5	251
1200:	2.54	.037	2.64	2.38	251	59.1	1.39	66.1	55.2	251
1500:	2.21	.033	2.31	2.12	157	51.3	1.30	56.7	47.6	157
2000:	1.81	.020	1.85	1.76	52	42.4	.93	46.2	41.0	52
2500:	1.56	.017	1.59	1.52	43	37.4	.66	38.6	36.0	43
3000:	1.38	.015	1.41	1.35	42	34.0	.64	35.6	32.5	42
3500:	1.26	.010	1.28	1.24	40	32.0	.54	33.1	30.6	40
4000:	1.20	.009	1.22	1.18	40	30.9	.81	32.2	28.7	40
4100:	1.18	.010	1.21	1.16	35	30.8	.78	32.0	28.9	35
4200:	1.18	.015	1.21	1.14	31	30.5	.86	31.8	28.8	31

MARCH

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	DELTA D N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	POT. ENERGY N
0:	.00	.000	.00	.00	396	.00	.000	.00	.00	396
10:	.22	.012	.24	.20	396	.01	.000	.01	.01	396
20:	.45	.024	.49	.39	396	.05	.005	.05	.04	396
30:	.67	.036	.73	.59	395	.10	.006	.11	.09	395
50:	1.11	.061	1.21	.98	396	.28	.016	.31	.25	396
75:	1.67	.093	1.82	1.46	396	.64	.035	.70	.56	396
100:	2.21	.125	2.47	1.95	396	1.13	.065	1.29	.99	396
125:	2.69	.139	3.00	2.38	396	1.67	.089	1.89	1.42	396
150:	3.07	.159	3.43	2.70	396	2.20	.115	2.50	1.86	396
175:	3.41	.159	3.78	3.01	396	2.76	.134	3.10	2.38	396
200:	3.73	.165	4.12	3.31	396	3.38	.148	3.76	2.96	396
225:	4.04	.172	4.44	3.61	396	4.05	.163	4.48	3.60	396
250:	4.35	.177	4.75	3.90	395	4.79	.177	5.25	4.30	395
300:	4.93	.186	5.35	4.46	393	6.44	.206	6.99	5.88	393
400:	6.00	.207	6.45	5.51	275	10.33	.296	11.04	9.56	275
500:	7.02	.230	7.48	6.48	255	14.97	.401	16.08	13.90	255
600:	7.96	.247	8.49	7.36	254	20.24	.514	21.77	18.85	254
700:	8.84	.263	9.45	8.19	252	26.08	.639	28.10	24.32	252
800:	9.67	.277	10.35	8.97	251	32.42	.769	34.99	30.30	251
900:	10.45	.288	11.19	9.71	251	39.19	.892	42.31	36.76	251
1000:	11.19	.298	12.01	10.43	251	46.39	1.018	50.21	43.68	251
1200:	12.58	.318	13.55	11.76	251	61.93	1.298	67.42	58.58	251
1500:	14.35	.329	15.61	13.60	157	87.51	1.800	95.76	83.05	157
2000:	17.09	.352	17.96	16.39	52	136.36	2.084	140.61	132.10	52
2500:	19.55	.362	20.48	18.80	43	192.89	2.750	198.53	187.26	43
3000:	21.86	.380	22.83	21.10	42	257.84	3.375	264.38	250.57	42
3500:	24.11	.395	25.09	23.33	40	332.09	4.036	340.73	323.44	40
4000:	26.35	.404	27.33	25.55	40	417.56	4.771	428.14	407.98	40
4100:	26.77	.416	27.79	26.00	35	436.06	5.104	447.29	426.18	35
4200:	27.22	.408	28.24	26.58	31	455.12	5.427	466.99	444.67	31

MARCH

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	7.23	.199	8.08	6.65	92	1469	2.3	1474	1464	396
10:	7.21	.199	8.03	6.70	92	1470	2.3	1474	1464	396
20:	7.23	.180	7.95	6.72	92	1470	2.3	1474	1465	396
30:	7.21	.178	7.93	6.71	91	1470	2.3	1474	1465	395
50:	7.20	.183	8.01	6.72	92	1470	2.3	1474	1465	396
75:	7.19	.179	7.88	6.50	92	1470	2.4	1475	1465	396
100:	7.06	.267	7.86	6.21	92	1470	2.3	1475	1466	396
125:	5.87	.687	7.75	4.05	92	1470	1.7	1475	1466	396
150:	4.55	.719	6.28	2.55	92	1470	1.7	1475	1466	396
175:	3.77	.639	5.34	2.05	92	1470	1.7	1475	1466	396
200:	3.22	.608	4.97	1.65	92	1470	1.5	1474	1466	396
225:	2.82	.570	4.16	1.39	91	1470	1.3	1474	1467	396
250:	2.45	.521	3.62	1.17	91	1470	1.2	1473	1467	395
300:	1.84	.391	2.70	.96	87	1470	.9	1473	1468	393
400:	1.27	.267	1.82	.76	81	1471	.6	1472	1470	275
500:	.97	.182	1.53	.63	68	1472	.4	1473	1472	255
600:	.79	.118	1.09	.53	66	1473	.5	1474	1473	254
700:	.69	.089	1.02	.51	65	1474	.5	1475	1474	252
800:	.63	.093	.96	.44	64	1475	.5	1476	1475	251
900:	.60	.099	.91	.20	64	1476	.5	1477	1476	251
1000:	.59	.110	.88	.05	64	1477	.4	1478	1477	251
1200:	.65	.146	1.49	.34	64	1479	.1	1480	1479	251
1500:	.84	.158	1.82	.63	55	1483	.3	1484	1483	157
2000:	1.40	.141	1.62	.77	50	1490	.5	1491	1490	52
2500:	2.00	.380	2.42	.06	43	1498	.0	1498	1498	43
3000:	2.57	.180	2.90	1.73	42	1506	.0	1506	1506	42
3500:	2.79	.758	3.15	.16	40	1514	.0	1514	1514	40
4000:	3.21	.121	3.51	2.89	38	1523	.0	1523	1523	40
4100:	3.26	.084	3.44	3.05	34	1524	.4	1525	1524	35
4200:	3.27	.060	3.41	3.05	24	1526	.0	1526	1526	31

MARCH

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.196	.2966	12.010	10.428	250
10:	10.975	.2901	11.779	10.228	250
20:	10.754	.2816	11.549	10.029	250
30:	10.535	.2728	11.318	9.830	249
50:	10.092	.2579	10.857	9.432	250
75:	9.542	.2398	10.280	8.886	250
100:	9.000	.2193	9.704	8.418	250
125:	8.528	.1962	9.193	7.970	250
150:	8.150	.1821	8.790	7.639	250
175:	7.812	.1732	8.436	7.330	250
200:	7.490	.1663	8.095	7.032	250
225:	7.179	.1592	7.770	6.743	250
250:	6.875	.1527	7.447	6.462	250
300:	6.288	.1408	6.821	5.917	250
400:	5.190	.1141	5.632	4.898	250
500:	4.177	.0903	4.533	3.946	250
600:	3.235	.0695	3.519	3.055	250
700:	2.355	.0502	2.564	2.212	250
800:	1.525	.0319	1.662	1.430	250
900:	.743	.0157	.816	.698	250
1000:	.000	.0000	.000	.000	250
1200:	-1.386	.0328	-1.250	-1.535	250
1500:	-3.268	.0722	-3.093	-3.599	157
2000:	-6.015	.0876	-5.804	-6.223	52
2500:	-8.477	.1181	-8.226	-8.705	43
3000:	-10.793	.1410	-10.483	-11.058	42
3500:	-13.031	.1610	-12.682	-13.371	40
4000:	-15.267	.1794	-14.894	-15.657	40
4100:	-15.712	.1896	-15.341	-16.121	35
4200:	-16.159	.1982	-15.793	-16.587	31

APRIL

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	5.63	.530	7.20	4.37	251	32.689	.0979	32.933	32.520	251
10:	5.60	.517	7.15	4.37	250	32.686	.0955	32.913	32.538	250
20:	5.56	.506	7.00	4.37	250	32.687	.0960	32.916	32.532	250
30:	5.52	.499	6.78	4.37	250	32.690	.0964	32.916	32.523	250
50:	5.44	.499	6.59	4.36	250	32.692	.0970	32.909	32.554	250
75:	5.35	.448	6.15	4.15	244	32.696	.0963	32.946	32.555	244
100:	5.15	.432	6.11	4.05	243	32.777	.1597	33.530	32.578	243
125:	4.73	.331	5.87	3.80	243	33.307	.2892	33.739	32.581	243
150:	4.60	.369	5.90	3.57	241	33.624	.1604	33.834	33.079	241
175:	4.45	.370	5.82	3.34	241	33.742	.0850	33.860	33.266	241
200:	4.28	.343	5.46	3.17	241	33.790	.0554	33.880	33.428	241
225:	4.15	.300	5.13	3.23	241	33.823	.0427	33.920	33.571	241
250:	4.05	.258	5.01	3.23	241	33.853	.0355	33.936	33.699	241
300:	3.92	.173	4.53	3.34	238	33.911	.0318	34.015	33.806	238
400:	3.81	.128	4.12	3.49	174	34.023	.0332	34.136	33.940	174
500:	3.70	.092	3.86	3.45	160	34.116	.0290	34.196	34.030	160
600:	3.53	.077	3.72	3.31	158	34.190	.0273	34.265	34.097	158
700:	3.36	.062	3.50	3.17	154	34.252	.0252	34.322	34.150	154
800:	3.18	.055	3.46	3.03	153	34.302	.0272	34.385	34.180	153
900:	3.02	.053	3.43	2.90	153	34.346	.0239	34.424	34.220	153
1000:	2.87	.044	3.14	2.78	153	34.383	.0236	34.462	34.251	153
1200:	2.62	.035	2.84	2.52	152	34.442	.0238	34.516	34.302	152
1500:	2.31	.044	2.58	2.23	129	34.510	.0286	34.591	34.360	129
2000:	1.95	.026	2.00	1.90	42	34.588	.0079	34.614	34.575	42
2500:	1.74	.022	1.77	1.69	33	34.628	.0120	34.663	34.603	33
3000:	1.60	.016	1.64	1.57	32	34.655	.0125	34.692	34.627	32
3500:	1.54	.042	1.76	1.51	32	34.664	.0339	34.703	34.486	32
4000:	1.52	.010	1.54	1.50	27	34.680	.0082	34.713	34.670	27
4100:	1.52	.009	1.54	1.51	24	34.682	.0089	34.715	34.672	24
4200:	1.52	.007	1.53	1.51	23	34.684	.0126	34.716	34.645	23

APRIL

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.795	.1182	26.061	25.531	251	221.1	11.23	246.1	195.8	251
10:	25.797	.1156	26.035	25.545	250	220.9	10.99	244.9	198.3	250
20:	25.803	.1157	26.040	25.547	250	220.5	11.01	244.9	198.0	250
30:	25.810	.1165	26.041	25.568	250	220.0	11.09	243.0	197.9	250
50:	25.821	.1191	26.056	25.604	250	219.1	11.35	239.9	196.7	250
75:	25.834	.1110	26.082	25.659	244	218.0	10.60	234.8	194.5	244
100:	25.921	.1493	26.561	25.692	243	210.0	14.22	231.9	149.3	243
125:	26.387	.2285	26.741	25.754	243	166.0	21.65	226.2	132.4	243
150:	26.652	.1190	26.821	26.189	241	141.1	11.25	185.0	125.0	241
175:	26.761	.0623	26.895	26.357	241	130.9	5.92	169.3	118.1	241
200:	26.818	.0436	26.910	26.502	241	125.7	4.19	155.7	116.8	241
225:	26.857	.0368	26.948	26.630	241	122.2	3.56	143.8	113.4	241
250:	26.892	.0325	26.983	26.744	241	119.0	3.16	133.2	110.2	241
300:	26.952	.0283	27.030	26.887	238	113.7	2.72	120.2	106.2	238
400:	27.052	.0300	27.133	26.981	174	105.0	2.88	111.7	97.4	174
500:	27.137	.0278	27.203	27.071	160	97.6	2.68	104.0	91.3	160
600:	27.211	.0263	27.275	27.142	158	91.2	2.54	97.7	85.2	158
700:	27.278	.0231	27.338	27.200	154	85.4	2.22	92.6	79.7	154
800:	27.334	.0238	27.400	27.240	153	80.5	2.27	89.2	74.4	153
900:	27.384	.0207	27.448	27.284	153	76.2	1.98	85.5	70.2	153
1000:	27.427	.0199	27.489	27.323	153	72.5	1.89	82.1	66.7	153
1200:	27.496	.0198	27.556	27.387	152	66.5	1.86	76.5	60.9	152
1500:	27.576	.0244	27.641	27.457	129	59.6	2.33	70.5	53.6	129
2000:	27.668	.0074	27.691	27.656	42	51.7	.77	52.9	49.5	42
2500:	27.716	.0099	27.745	27.699	33	47.9	.94	49.5	45.3	33
3000:	27.748	.0100	27.778	27.725	32	45.7	.91	48.0	42.9	32
3500:	27.760	.0300	27.791	27.601	32	45.5	2.97	61.4	42.9	32
4000:	27.774	.0066	27.800	27.767	27	45.4	.53	46.1	43.3	27
4100:	27.775	.0073	27.802	27.766	24	45.5	.62	46.4	43.3	24
4200:	27.777	.0104	27.804	27.746	23	45.7	.91	48.3	43.2	23

APRIL

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	5.63	.530	7.20	4.37	251	221.1	11.23	246.1	195.8	251
10:	5.60	.517	7.15	4.37	250	220.8	10.98	244.8	198.2	250
20:	5.56	.506	7.00	4.37	250	220.3	10.99	244.6	197.8	250
30:	5.51	.499	6.78	4.37	250	219.6	11.06	242.6	197.6	250
50:	5.44	.500	6.59	4.36	250	218.6	11.31	239.2	196.2	250
75:	5.34	.447	6.14	4.14	244	217.2	10.54	233.9	193.7	244
100:	5.14	.431	6.10	4.05	243	209.0	14.18	230.7	148.2	243
125:	4.72	.331	5.86	3.79	243	164.7	21.70	224.9	131.1	243
150:	4.59	.368	5.88	3.56	241	139.5	11.29	183.5	123.6	241
175:	4.44	.370	5.81	3.33	241	129.2	5.91	167.6	116.5	241
200:	4.27	.342	5.46	3.16	241	123.8	4.13	153.8	115.1	241
225:	4.14	.299	5.12	3.21	241	120.1	3.48	141.6	111.5	241
250:	4.03	.258	4.99	3.21	241	116.8	3.07	130.8	108.1	241
300:	3.90	.173	4.51	3.32	238	111.0	2.68	117.2	103.7	238
400:	3.78	.128	4.09	3.47	174	101.5	2.84	108.2	93.8	174
500:	3.66	.091	3.83	3.41	160	93.3	2.63	99.6	87.1	160
600:	3.49	.077	3.68	3.26	158	86.3	2.49	92.9	80.2	158
700:	3.31	.062	3.45	3.12	154	79.9	2.18	87.3	74.2	154
800:	3.13	.054	3.40	2.97	153	74.5	2.24	83.4	68.3	153
900:	2.96	.053	3.37	2.84	153	69.8	1.96	79.3	63.7	153
1000:	2.81	.044	3.07	2.71	153	65.7	1.88	75.5	59.8	153
1200:	2.54	.035	2.76	2.44	152	59.0	1.87	69.4	53.3	152
1500:	2.21	.044	2.48	2.13	129	51.3	2.31	62.6	45.1	129
2000:	1.81	.025	1.86	1.76	42	42.4	.70	43.5	40.2	42
2500:	1.56	.022	1.59	1.51	33	37.6	.93	39.2	34.9	33
3000:	1.38	.016	1.41	1.35	32	34.3	.94	36.5	31.5	32
3500:	1.27	.042	1.49	1.24	32	32.9	2.82	47.8	29.9	32
4000:	1.20	.009	1.22	1.18	27	31.2	.60	31.8	28.8	27
4100:	1.19	.006	1.20	1.18	24	31.0	.67	31.8	28.5	24
4200:	1.17	.010	1.19	1.16	23	30.8	.98	33.7	28.2	23

APRIL

STD PRESS	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	251	.00	.000	.00	.00	251
10:	.22	.011	.25	.20	250	.01	.000	.01	.01	250
20:	.44	.022	.49	.40	250	.05	.005	.05	.04	250
30:	.66	.033	.73	.60	250	.10	.006	.11	.09	250
50:	1.10	.055	1.22	1.00	250	.28	.014	.31	.25	250
75:	1.65	.081	1.81	1.49	244	.63	.031	.69	.57	244
100:	2.19	.106	2.39	1.98	243	1.11	.055	1.20	.98	243
125:	2.66	.131	2.91	2.36	243	1.65	.090	1.83	1.39	243
150:	3.05	.158	3.36	2.68	241	2.18	.136	2.46	1.84	241
175:	3.39	.173	3.73	3.00	241	2.74	.165	3.09	2.36	241
200:	3.71	.181	4.05	3.30	241	3.36	.183	3.85	2.93	241
225:	4.01	.187	4.37	3.59	241	4.03	.198	4.67	3.57	241
250:	4.32	.192	4.68	3.88	241	4.76	.212	5.50	4.26	241
300:	4.90	.201	5.29	4.43	238	6.38	.239	7.23	5.81	238
400:	6.00	.214	6.39	5.47	174	10.30	.309	11.16	9.51	174
500:	7.00	.233	7.40	6.43	160	14.93	.413	15.82	13.86	160
600:	7.94	.249	8.37	7.34	158	20.21	.529	21.32	18.82	158
700:	8.83	.264	9.27	8.20	154	26.04	.661	27.41	24.34	154
800:	9.66	.276	10.13	9.00	153	32.38	.800	34.14	30.35	153
900:	10.44	.287	10.93	9.76	153	39.17	.954	41.70	36.79	153
1000:	11.18	.296	11.70	10.48	153	46.36	1.102	49.82	43.63	153
1200:	12.57	.314	13.12	11.82	152	61.92	1.445	67.59	58.14	152
1500:	14.43	.348	15.31	13.61	129	87.67	2.207	97.66	81.70	129
2000:	17.19	.361	17.76	16.33	42	136.99	2.128	140.52	131.90	42
2500:	19.64	.365	20.22	18.70	33	193.66	2.800	197.82	185.89	33
3000:	21.99	.390	22.59	20.89	32	259.17	3.770	264.26	247.43	32
3500:	24.25	.418	24.90	23.02	32	334.15	4.888	340.80	318.01	32
4000:	26.45	.444	27.20	25.17	27	419.87	5.822	428.50	400.23	27
4100:	26.94	.459	27.66	25.61	24	438.80	6.207	447.56	418.11	24
4200:	27.37	.460	28.12	26.04	23	457.83	6.443	467.27	436.40	23

APRIL

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	7.35	.247	8.54	6.90	68	1470	2.1	1477	1465	251
10:	7.36	.270	8.45	7.05	68	1470	2.1	1477	1466	250
20:	7.35	.251	8.45	6.94	68	1470	2.0	1476	1466	250
30:	7.35	.251	8.46	6.90	68	1470	2.0	1476	1466	250
50:	7.33	.249	8.48	7.02	66	1470	2.0	1475	1466	250
75:	7.29	.264	8.46	6.82	66	1470	1.8	1474	1466	244
100:	7.08	.404	8.27	5.36	66	1470	1.7	1474	1466	243
125:	5.87	.927	7.48	3.91	66	1469	1.5	1474	1465	243
150:	4.64	.828	6.06	2.82	64	1469	1.6	1475	1466	241
175:	3.88	.716	5.91	2.38	64	1469	1.6	1476	1465	241
200:	3.28	.591	4.92	2.03	64	1469	1.5	1475	1465	241
225:	2.87	.536	4.28	1.63	64	1469	1.3	1474	1466	241
250:	2.49	.497	3.82	1.28	64	1469	1.2	1474	1466	241
300:	1.92	.394	2.93	1.00	59	1469	.8	1473	1467	238
400:	1.32	.294	2.14	.73	54	1471	.6	1473	1470	174
500:	1.04	.275	2.14	.54	49	1472	.5	1473	1472	160
600:	.85	.182	1.36	.53	49	1473	.5	1474	1473	158
700:	.73	.136	1.17	.50	48	1474	.5	1475	1474	154
800:	.67	.128	1.13	.46	47	1475	.5	1477	1475	153
900:	.64	.110	1.05	.46	47	1476	.5	1478	1476	153
1000:	.63	.103	.97	.44	47	1477	.4	1479	1477	153
1200:	.66	.096	.90	.49	45	1480	.1	1481	1479	152
1500:	.86	.109	1.25	.69	43	1483	.4	1485	1483	129
2000:	1.45	.093	1.69	1.26	31	1490	.5	1491	1490	42
2500:	2.05	.091	2.22	1.81	29	1498	.0	1498	1498	33
3000:	2.62	.075	2.82	2.50	28	1506	.0	1506	1506	32
3500:	2.93	.583	3.19	.21	24	1514	.2	1515	1514	32
4000:	3.27	.130	3.68	2.91	22	1523	.0	1523	1523	27
4100:	3.31	.077	3.53	3.20	19	1524	.4	1525	1524	24
4200:	3.32	.081	3.51	3.19	15	1526	.0	1526	1526	23

APRIL

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.184	.2968	11.701	10.477	152
10:	10.958	.2884	11.487	10.274	151
20:	10.736	.2812	11.272	10.070	151
30:	10.514	.2742	11.056	9.866	151
50:	10.075	.2603	10.623	9.443	152
75:	9.525	.2441	10.079	8.910	152
100:	8.988	.2279	9.537	8.394	152
125:	8.515	.2069	9.012	7.964	152
150:	8.134	.1922	8.669	7.631	152
175:	7.797	.1849	8.337	7.319	152
200:	7.478	.1793	8.015	7.021	152
225:	7.170	.1733	7.701	6.732	152
250:	6.869	.1679	7.393	6.448	152
300:	6.288	.1577	6.788	5.910	152
400:	5.194	.1309	5.644	4.879	152
500:	4.182	.1062	4.576	3.922	152
600:	3.238	.0836	3.569	3.011	152
700:	2.356	.0624	2.620	2.179	152
800:	1.526	.0411	1.713	1.401	152
900:	.742	.0197	.839	.682	152
1000:	.000	.0000	.000	.000	152
1200:	-1.387	.0386	-1.270	-1.584	152
1500:	-3.267	.1006	-2.986	-3.772	129
2000:	-6.037	.0842	-5.775	-6.164	42
2500:	-8.510	.1176	-8.127	-8.675	33
3000:	-10.847	.1527	-10.323	-11.057	32
3500:	-13.110	.1855	-12.452	-13.337	32
4000:	-15.346	.2137	-14.603	-15.631	27
4100:	-15.802	.2244	-15.036	-16.092	24
4200:	-16.250	.2308	-15.469	-16.558	23

MAY

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	6.48	.690	9.30	5.26	350	32.666	.1112	33.260	32.430	350
10:	6.42	.661	8.76	5.05	350	32.663	.1005	32.886	32.430	350
20:	6.35	.626	8.21	5.03	349	32.666	.1003	32.905	32.430	349
30:	6.24	.593	7.96	5.01	350	32.669	.1005	32.917	32.430	350
50:	5.97	.552	7.82	4.71	350	32.679	.1017	32.959	32.430	350
75:	5.57	.582	7.51	4.36	349	32.696	.1037	33.050	32.450	349
100:	5.08	.438	6.39	4.04	349	32.828	.1473	33.450	32.560	349
125:	4.70	.289	5.73	3.96	349	33.310	.2636	33.752	32.702	349
150:	4.56	.321	5.78	3.68	348	33.643	.1499	33.813	32.965	348
175:	4.44	.331	5.56	3.23	330	33.755	.0731	33.890	33.476	330
200:	4.28	.301	5.29	3.19	329	33.800	.0444	33.910	33.579	329
225:	4.16	.266	5.08	3.22	329	33.830	.0367	33.930	33.636	329
250:	4.05	.230	4.85	3.24	329	33.858	.0329	33.948	33.694	329
300:	3.93	.173	4.39	3.32	327	33.917	.0296	34.020	33.812	327
400:	3.79	.125	4.06	3.49	250	34.028	.0278	34.097	33.924	250
500:	3.67	.085	3.91	3.45	234	34.120	.0260	34.217	34.013	234
600:	3.51	.074	3.75	3.14	228	34.195	.0215	34.257	34.107	228
700:	3.34	.067	3.57	3.08	226	34.256	.0177	34.320	34.201	226
800:	3.17	.055	3.38	2.99	226	34.306	.0172	34.367	34.264	226
900:	3.02	.047	3.22	2.85	225	34.350	.0157	34.407	34.310	225
1000:	2.87	.045	3.07	2.75	225	34.385	.0153	34.444	34.345	225
1200:	2.61	.050	2.83	2.31	222	34.445	.0155	34.508	34.408	222
1500:	2.30	.034	2.41	2.15	165	34.516	.0142	34.580	34.476	165
2000:	1.95	.028	2.00	1.84	57	34.586	.0142	34.611	34.521	57
2500:	1.74	.016	1.78	1.70	43	34.628	.0086	34.652	34.607	43
3000:	1.60	.010	1.62	1.57	42	34.654	.0096	34.681	34.633	42
3500:	1.53	.022	1.56	1.41	42	34.674	.0097	34.703	34.653	42
4000:	1.52	.037	1.55	1.31	37	34.680	.0114	34.712	34.643	37
4100:	1.52	.010	1.55	1.51	33	34.682	.0070	34.703	34.664	33
4200:	1.52	.009	1.54	1.51	24	34.682	.0063	34.691	34.670	24

MAY

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.671	.1473	26.144	25.194	350	232.8	14.00	278.2	187.9	350
10:	25.676	.1419	25.964	25.253	350	232.4	13.50	272.7	205.1	350
20:	25.689	.1385	25.961	25.355	349	231.4	13.18	263.2	205.5	349
30:	25.704	.1345	25.964	25.385	350	230.0	12.62	260.4	205.3	350
50:	25.747	.1328	26.087	25.430	350	226.2	12.66	256.4	193.8	350
75:	25.808	.1374	26.118	25.480	349	220.6	13.13	252.0	191.1	349
100:	25.969	.1344	26.503	25.610	349	205.5	12.80	239.8	154.7	349
125:	26.393	.2060	26.743	25.854	349	165.4	19.51	216.6	132.2	349
150:	26.672	.1107	26.840	26.125	348	139.2	10.47	191.0	123.2	348
175:	26.773	.0505	26.875	26.545	330	129.8	4.80	151.5	120.0	330
200:	26.826	.0326	26.911	26.697	329	125.0	3.14	137.3	116.8	329
225:	26.863	.0302	26.950	26.756	329	121.6	2.93	131.8	113.2	329
250:	26.896	.0293	26.979	26.807	329	118.7	2.84	127.3	110.7	329
300:	26.955	.0276	27.031	26.886	327	113.4	2.67	119.8	106.0	327
400:	27.057	.0270	27.131	26.991	250	104.5	2.61	110.9	97.4	250
500:	27.142	.0244	27.226	27.054	234	97.1	2.36	105.4	89.2	234
600:	27.218	.0212	27.284	27.144	228	90.6	2.07	97.5	84.1	228
700:	27.283	.0180	27.351	27.237	226	85.0	1.78	89.4	78.2	226
800:	27.338	.0167	27.401	27.297	226	80.2	1.63	84.1	74.0	226
900:	27.387	.0148	27.443	27.349	225	75.9	1.45	79.6	70.4	225
1000:	27.429	.0144	27.484	27.391	225	72.3	1.41	75.9	66.8	225
1200:	27.499	.0144	27.556	27.463	222	66.2	1.42	70.0	60.7	222
1500:	27.582	.0122	27.637	27.547	165	59.0	1.18	62.4	53.7	165
2000:	27.666	.0123	27.693	27.614	57	51.9	1.19	56.6	48.9	57
2500:	27.715	.0070	27.735	27.699	43	48.0	.63	49.5	46.2	43
3000:	27.747	.0075	27.768	27.731	42	45.7	.66	47.2	44.0	42
3500:	27.768	.0083	27.791	27.751	42	44.7	.83	46.3	41.7	42
4000:	27.774	.0080	27.800	27.759	37	45.4	.67	46.6	43.0	37
4100:	27.775	.0056	27.793	27.762	33	45.6	.51	46.6	43.9	33
4200:	27.775	.0050	27.783	27.766	24	45.9	.44	46.7	45.1	24

MAY

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	6.48	.690	9.30	5.26	350	232.8	14.00	276.2	167.9	350
10:	6.42	.661	8.76	5.05	350	232.3	13.49	272.6	205.0	350
20:	6.35	.627	8.21	5.03	349	231.1	13.16	262.9	205.2	349
30:	6.24	.593	7.96	5.01	350	229.6	12.78	260.0	205.0	350
50:	5.96	.553	7.82	4.70	350	225.6	12.62	255.7	193.3	350
75:	5.56	.582	7.50	4.35	349	219.8	13.05	250.9	190.3	349
100:	5.07	.439	6.38	4.03	349	204.5	12.76	238.5	153.7	349
125:	4.69	.268	5.72	3.95	349	164.2	19.56	215.3	130.9	349
150:	4.55	.321	5.76	3.67	348	137.7	10.51	189.6	121.8	348
175:	4.43	.331	5.55	3.22	330	128.1	4.79	149.7	118.4	330
200:	4.27	.301	5.27	3.17	329	123.1	3.09	135.3	115.0	329
225:	4.14	.265	5.06	3.21	329	119.5	2.86	129.6	111.3	329
250:	4.04	.230	4.83	3.22	329	116.4	2.77	124.7	108.5	329
300:	3.91	.173	4.37	3.30	327	110.7	2.61	117.2	103.5	327
400:	3.76	.125	4.03	3.46	250	101.0	2.55	107.2	94.0	250
500:	3.64	.084	3.87	3.42	234	92.8	2.31	101.2	85.0	234
600:	3.47	.074	3.70	3.10	228	85.7	2.01	92.6	79.4	228
700:	3.29	.067	3.52	3.03	226	79.4	1.70	83.7	73.0	226
800:	3.12	.054	3.32	2.93	226	74.2	1.57	78.0	68.2	226
900:	2.95	.047	3.15	2.79	225	69.4	1.40	73.0	64.1	225
1000:	2.80	.045	3.00	2.69	225	65.5	1.36	69.0	60.2	225
1200:	2.53	.049	2.74	2.24	222	58.7	1.35	62.1	53.3	222
1500:	2.20	.034	2.30	2.05	165	50.8	1.15	54.0	45.5	165
2000:	1.82	.028	1.86	1.70	57	42.6	1.16	47.5	40.1	57
2500:	1.57	.016	1.60	1.53	43	37.6	.65	39.2	35.8	43
3000:	1.38	.010	1.40	1.35	42	34.4	.71	35.9	32.4	42
3500:	1.26	.022	1.29	1.14	42	32.1	.78	33.7	30.0	42
4000:	1.19	.035	1.22	1.00	37	31.2	.77	32.8	28.8	37
4100:	1.19	.008	1.21	1.17	33	31.0	.53	32.3	29.4	33
4200:	1.18	.010	1.20	1.16	24	30.9	.47	31.8	30.2	24

MAY

STD PRESS	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	350	.00	.000	.00	.00	350
10:	.23	.014	.28	.20	350	.01	.000	.01	.01	350
20:	.47	.027	.54	.41	349	.05	.004	.06	.04	349
30:	.70	.039	.80	.62	350	.11	.007	.12	.09	350
50:	1.15	.064	1.30	1.02	350	.29	.016	.33	.26	350
75:	1.71	.094	1.92	1.53	349	.65	.036	.73	.57	349
100:	2.25	.117	2.54	2.02	349	1.12	.058	1.29	1.00	349
125:	2.71	.129	3.02	2.41	349	1.66	.080	1.86	1.41	349
150:	3.09	.148	3.46	2.74	348	2.18	.119	2.52	1.87	348
175:	3.42	.164	3.85	3.06	330	2.74	.147	3.17	2.40	330
200:	3.74	.171	4.19	3.36	329	3.34	.160	3.82	2.99	329
225:	4.05	.177	4.51	3.66	329	4.01	.172	4.52	3.64	329
250:	4.35	.182	4.82	3.94	329	4.74	.182	5.31	4.32	329
300:	4.93	.189	5.42	4.49	327	6.36	.208	7.03	5.67	327
400:	6.02	.216	6.53	5.52	250	10.25	.293	11.12	9.51	250
500:	7.04	.228	7.55	6.48	234	14.89	.378	15.99	13.81	234
600:	7.98	.234	8.50	7.37	228	20.14	.457	21.51	18.86	228
700:	8.85	.247	9.42	8.21	226	25.94	.561	27.61	24.24	226
800:	9.68	.259	10.29	9.00	226	32.25	.675	34.22	30.04	226
900:	10.46	.270	11.10	9.75	225	39.00	.791	41.24	36.28	225
1000:	11.20	.279	11.86	10.46	225	46.17	.906	48.62	42.93	225
1200:	12.58	.297	13.29	11.79	222	61.64	1.163	64.77	57.19	222
1500:	14.35	.282	15.23	13.51	165	86.98	1.420	91.47	80.62	165
2000:	17.22	.351	18.11	16.28	57	136.77	2.173	142.76	131.19	57
2500:	19.71	.373	20.66	18.68	43	193.96	3.071	201.34	186.24	43
3000:	22.04	.398	23.07	20.92	42	259.36	3.712	268.69	248.91	42
3500:	24.29	.414	25.39	23.10	42	334.10	4.387	345.55	321.21	42
4000:	26.56	.405	27.70	25.29	37	420.52	4.759	434.11	404.90	37
4100:	27.06	.358	28.17	26.62	33	439.85	4.275	453.37	433.85	33
4200:	27.58	.388	28.63	27.08	24	459.94	4.565	473.05	454.42	24

MAY

STD PRESS	OXYGEN MEAN	OXYGEN S.D.	OXYGEN MAX	OXYGEN MIN	OXYGEN N	SOUND MEAN	SOUND S.D.	SOUND MAX	SOUND MIN	SOUND N
0:	7.21	.248	7.78	6.35	98	1473	2.7	1485	1469	350
10:	7.25	.234	8.01	6.65	98	1473	2.6	1483	1468	350
20:	7.27	.235	8.04	6.57	98	1473	2.4	1481	1468	349
30:	7.27	.247	8.06	6.40	98	1473	2.3	1480	1468	350
50:	7.28	.255	8.11	6.17	98	1472	2.2	1480	1467	350
75:	7.22	.258	7.76	5.99	97	1471	2.3	1479	1467	349
100:	7.03	.370	7.60	5.60	97	1470	1.8	1475	1466	349
125:	6.06	.848	7.58	4.24	96	1469	1.4	1474	1466	349
150:	4.71	.840	6.94	3.10	96	1469	1.5	1475	1466	348
175:	3.85	.558	4.89	2.52	95	1469	1.5	1475	1465	330
200:	3.24	.488	4.20	1.99	95	1469	1.4	1474	1465	329
225:	2.81	.460	3.73	1.55	94	1469	1.2	1474	1465	329
250:	2.42	.451	3.33	1.16	94	1469	1.1	1473	1466	329
300:	1.83	.373	2.59	1.02	90	1470	.8	1472	1467	327
400:	1.26	.284	1.86	.69	80	1471	.6	1472	1470	250
500:	.94	.217	1.46	.55	74	1472	.5	1473	1472	234
600:	.79	.167	1.24	.49	72	1473	.5	1475	1472	228
700:	.70	.134	1.10	.47	70	1474	.5	1475	1473	226
800:	.65	.120	1.04	.44	70	1475	.5	1476	1475	226
900:	.63	.098	.94	.44	70	1476	.5	1477	1476	225
1000:	.61	.092	.88	.44	69	1477	.4	1478	1477	225
1200:	.65	.095	.92	.51	62	1479	.2	1481	1479	222
1500:	.82	.094	1.11	.65	56	1483	.4	1484	1483	165
2000:	1.41	.117	1.76	1.22	44	1490	.4	1491	1490	57
2500:	2.06	.097	2.32	1.80	37	1498	.0	1498	1498	43
3000:	2.61	.070	2.76	2.45	36	1506	.0	1506	1506	42
3500:	3.02	.100	3.51	2.89	34	1514	.0	1514	1514	42
4000:	3.26	.082	3.48	2.98	31	1522	.2	1523	1522	37
4100:	3.32	.108	3.56	3.00	25	1524	.5	1525	1524	33
4200:	3.31	.096	3.45	3.00	18	1526	.0	1526	1526	24

MAY

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.196	.2777	11.859	10.463	224
10:	10.962	.2668	11.627	10.253	224
20:	10.728	.2563	11.394	10.046	224
30:	10.496	.2465	11.166	9.838	224
50:	10.037	.2267	10.717	9.411	224
75:	9.475	.2091	10.173	8.891	224
100:	8.943	.1911	9.636	8.376	224
125:	8.480	.1747	9.096	7.898	224
150:	8.103	.1610	8.592	7.531	224
175:	7.768	.1528	8.180	7.213	224
200:	7.449	.1473	7.826	6.913	224
225:	7.141	.1417	7.490	6.625	224
250:	6.840	.1363	7.166	6.345	224
300:	6.258	.1254	6.551	5.802	224
400:	5.167	.1029	5.405	4.783	224
500:	4.159	.0818	4.360	3.847	224
600:	3.222	.0627	3.380	2.978	224
700:	2.345	.0454	2.458	2.166	224
800:	1.520	.0291	1.593	1.407	224
900:	.741	.0141	.777	.686	224
1000:	.000	.0000	.000	.000	224
1200:	-1.380	.0309	-1.271	-1.473	222
1500:	-3.240	.0599	-2.977	-3.418	165
2000:	-6.031	.0914	-5.812	-6.263	57
2500:	-8.526	.1297	-8.216	-8.816	43
3000:	-10.859	.1511	-10.453	-11.219	42
3500:	-13.115	.1713	-12.636	-13.538	42
4000:	-15.381	.1791	-14.825	-15.855	37
4100:	-15.856	.1626	-15.624	-16.321	33
4200:	-16.344	.1669	-16.145	-16.786	24

JUNE

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	8.26	.854	12.10	6.40	556	32.622	.0984	32.973	32.330	556
10:	8.14	.811	11.04	6.13	554	32.624	.0928	32.899	32.420	554
20:	7.87	.756	10.27	6.00	555	32.628	.0928	32.906	32.440	555
30:	7.42	.724	9.95	5.80	555	32.636	.0931	32.927	32.450	555
50:	6.26	.630	8.71	4.55	555	32.666	.0861	32.992	32.480	555
75:	5.51	.580	7.04	4.19	553	32.696	.0911	33.029	32.520	553
100:	4.95	.524	6.26	4.03	552	32.802	.1207	33.270	32.580	552
125:	4.59	.445	5.97	3.89	552	33.260	.2224	33.746	32.683	552
150:	4.47	.435	5.91	3.78	552	33.613	.1311	33.845	32.855	552
175:	4.40	.446	5.79	3.71	459	33.737	.0697	33.919	33.482	459
200:	4.25	.404	5.66	3.62	459	33.787	.0502	33.935	33.639	459
225:	4.13	.351	5.56	3.53	458	33.823	.0400	33.946	33.687	458
250:	4.03	.302	5.45	3.45	458	33.855	.0343	33.987	33.729	458
300:	3.92	.228	5.11	3.39	457	33.916	.0293	34.058	33.798	457
400:	3.81	.145	4.46	3.44	273	34.025	.0277	34.112	33.945	273
500:	3.68	.093	4.04	3.49	241	34.121	.0248	34.187	33.989	241
600:	3.52	.070	3.78	3.33	239	34.195	.0219	34.266	34.136	239
700:	3.35	.061	3.57	3.19	235	34.257	.0206	34.317	34.195	235
800:	3.18	.051	3.34	3.04	235	34.306	.0202	34.367	34.240	235
900:	3.02	.043	3.16	2.92	222	34.348	.0191	34.407	34.289	222
1000:	2.88	.037	3.02	2.78	221	34.383	.0192	34.437	34.319	221
1200:	2.62	.033	2.69	2.51	219	34.442	.0187	34.506	34.385	219
1500:	2.31	.032	2.38	2.10	155	34.513	.0139	34.567	34.465	155
2000:	1.95	.029	2.01	1.88	54	34.584	.0070	34.601	34.561	54
2500:	1.74	.020	1.78	1.69	45	34.628	.0065	34.638	34.604	45
3000:	1.60	.016	1.63	1.57	44	34.655	.0055	34.664	34.639	44
3500:	1.53	.012	1.56	1.50	42	34.671	.0071	34.684	34.654	42
4000:	1.52	.014	1.55	1.48	38	34.682	.0100	34.731	34.668	38
4100:	1.52	.015	1.55	1.49	36	34.683	.0117	34.741	34.669	36
4200:	1.52	.014	1.54	1.49	34	34.685	.0101	34.724	34.671	34

JUNE

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.390	.1618	25.775	24.965	556	259.6	15.39	300.0	223.0	556
10:	25.410	.1553	25.802	25.076	554	257.8	14.78	289.7	220.5	554
20:	25.452	.1485	25.828	25.093	555	253.9	14.15	288.2	218.2	555
30:	25.522	.1446	25.873	25.099	555	247.4	13.78	287.7	214.0	555
50:	25.700	.1046	25.916	25.292	555	230.7	9.99	269.7	210.1	555
75:	25.816	.1020	26.073	25.563	553	219.9	9.75	244.0	195.3	553
100:	25.963	.1039	26.352	25.647	552	206.0	9.90	236.2	169.1	552
125:	26.365	.1620	26.760	25.887	552	168.1	15.32	213.4	130.6	552
150:	26.657	.0914	26.835	26.110	552	140.6	8.64	192.2	123.6	552
175:	26.763	.0457	26.885	26.504	459	130.8	4.38	155.5	119.0	459
200:	26.819	.0325	26.939	26.692	459	125.6	3.17	137.7	114.1	459
225:	26.860	.0303	26.974	26.761	458	121.9	2.98	131.4	111.0	458
250:	26.895	.0298	27.017	26.867	458	118.8	2.93	127.6	107.1	458
300:	26.956	.0299	27.080	26.867	457	113.3	2.93	122.6	101.5	457
400:	27.052	.0281	27.124	26.977	273	104.9	2.74	112.6	98.1	273
500:	27.142	.0253	27.208	27.033	241	97.2	2.46	107.5	90.8	241
600:	27.217	.0221	27.283	27.164	239	90.6	2.15	95.8	84.3	239
700:	27.282	.0203	27.341	27.235	235	85.0	1.98	89.7	79.4	235
800:	27.338	.0191	27.394	27.289	235	80.2	1.86	84.8	74.8	235
900:	27.386	.0176	27.440	27.340	222	76.0	1.71	80.4	70.7	222
1000:	27.427	.0173	27.475	27.376	221	72.5	1.67	77.4	67.8	221
1200:	27.496	.0166	27.551	27.448	219	66.5	1.59	71.1	61.3	219
1500:	27.579	.0118	27.625	27.542	155	59.3	1.14	62.7	54.9	155
2000:	27.664	.0069	27.683	27.645	54	52.0	.73	53.9	50.0	54
2500:	27.716	.0055	27.723	27.697	45	48.0	.51	49.6	47.2	45
3000:	27.748	.0045	27.755	27.734	44	45.7	.44	47.0	45.0	44
3500:	27.766	.0057	27.775	27.751	42	45.0	.51	46.2	44.1	42
4000:	27.776	.0085	27.816	27.762	38	45.2	.79	46.6	41.7	38
4100:	27.776	.0095	27.823	27.764	36	45.5	.88	46.7	41.3	36
4200:	27.777	.0083	27.808	27.765	34	45.7	.78	46.9	43.0	34

JUNE

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	8.26	.854	12.10	6.40	556	259.6	15.39	300.0	223.0	556
10:	8.14	.911	11.04	6.13	554	257.7	14.77	289.4	220.4	554
20:	7.87	.756	10.27	5.99	555	253.6	14.12	287.8	217.9	555
30:	7.42	.725	9.95	5.80	555	247.0	13.74	287.2	213.6	555
50:	6.26	.630	8.70	4.55	555	230.1	9.94	268.8	209.5	555
75:	5.50	.580	7.03	4.18	553	219.0	9.69	243.0	194.6	553
100:	4.94	.523	6.25	4.03	552	205.0	9.86	235.0	168.1	552
125:	4.58	.444	5.96	3.68	552	166.9	15.38	212.2	129.3	552
150:	4.46	.435	5.90	3.77	552	139.1	8.67	191.0	122.2	552
175:	4.39	.446	5.78	3.70	459	129.1	4.33	153.6	117.4	459
200:	4.23	.403	5.64	3.61	459	123.7	3.08	135.7	112.3	459
225:	4.11	.351	5.54	3.52	458	119.8	2.87	129.2	109.0	458
250:	4.01	.302	5.43	3.43	458	116.5	2.82	124.8	104.9	458
300:	3.90	.227	5.09	3.37	457	110.7	2.83	119.1	98.9	457
400:	3.78	.145	4.43	3.41	273	101.4	2.66	108.5	94.7	273
500:	3.65	.092	4.00	3.45	241	92.9	2.39	103.2	86.7	241
600:	3.47	.070	3.74	3.29	239	85.7	2.09	90.7	79.5	239
700:	3.30	.061	3.52	3.15	235	79.5	1.92	84.0	74.0	235
800:	3.12	.050	3.28	2.98	235	74.2	1.81	78.8	68.9	235
900:	2.96	.043	3.10	2.86	222	69.6	1.67	73.9	64.4	222
1000:	2.81	.037	2.95	2.72	221	65.7	1.64	70.5	61.1	221
1200:	2.54	.032	2.61	2.43	219	59.0	1.57	63.5	53.8	219
1500:	2.21	.032	2.27	2.00	155	51.0	1.12	54.5	46.6	155
2000:	1.81	.028	1.87	1.75	54	42.7	.65	44.6	40.9	54
2500:	1.57	.019	1.60	1.51	45	37.6	.50	39.4	36.9	45
3000:	1.38	.015	1.41	1.35	44	34.3	.44	35.6	33.6	44
3500:	1.26	.012	1.29	1.23	42	32.3	.54	33.7	31.4	42
4000:	1.19	.013	1.22	1.16	38	31.0	.79	32.3	27.2	38
4100:	1.19	.013	1.21	1.16	36	30.9	.91	32.1	26.4	36
4200:	1.18	.015	1.20	1.14	34	30.7	.79	31.9	27.8	34

JUNE

STD PRESS	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	556	.00	.000	.00	.00	556
10:	.26	.015	.29	.22	554	.01	.000	.02	.01	554
20:	.52	.029	.58	.44	555	.05	.004	.06	.04	555
30:	.77	.042	.87	.66	555	.12	.007	.13	.10	555
50:	1.25	.059	1.39	1.10	555	.31	.014	.35	.28	555
75:	1.81	.075	2.02	1.63	553	.67	.027	.76	.61	553
100:	2.34	.094	2.58	2.09	552	1.14	.045	1.27	1.00	552
125:	2.81	.107	3.09	2.47	552	1.68	.063	1.89	1.43	552
150:	3.19	.116	3.56	2.79	552	2.22	.092	2.56	1.88	552
175:	3.53	.136	3.96	3.09	459	2.77	.120	3.23	2.38	459
200:	3.85	.141	4.31	3.39	459	3.39	.132	3.89	2.95	459
225:	4.16	.146	4.63	3.68	458	4.05	.144	4.56	3.59	458
250:	4.46	.150	4.94	3.97	458	4.78	.156	5.33	4.29	458
300:	5.04	.156	5.54	4.53	457	6.41	.182	7.07	5.86	457
400:	6.14	.198	6.66	5.60	273	10.33	.286	11.16	9.66	273
500:	7.14	.214	7.70	6.58	241	14.93	.379	16.01	14.15	241
600:	8.07	.230	8.65	7.50	239	20.19	.492	21.58	19.07	239
700:	8.95	.245	9.55	8.37	235	25.99	.612	27.62	24.53	235
800:	9.77	.260	10.42	9.18	235	32.30	.744	34.20	30.42	235
900:	10.56	.276	11.24	9.95	222	39.09	.891	41.34	36.72	222
1000:	11.31	.289	12.02	10.68	221	46.28	1.033	48.92	43.42	221
1200:	12.69	.311	13.50	11.97	219	61.83	1.348	65.46	57.84	219
1500:	14.48	.313	15.52	13.72	155	87.22	1.580	93.24	81.93	155
2000:	17.42	.320	18.11	16.80	54	137.47	1.831	141.64	133.68	54
2500:	19.90	.341	20.66	19.25	45	194.57	2.341	200.07	189.83	45
3000:	22.24	.351	22.99	21.55	44	259.92	2.639	265.59	254.58	44
3500:	24.50	.353	25.28	23.78	42	334.72	2.871	341.26	328.74	42
4000:	26.77	.371	27.54	26.00	38	420.73	3.537	428.96	412.79	38
4100:	27.22	.380	28.00	26.41	36	439.51	3.738	448.22	429.91	36
4200:	27.67	.384	28.46	26.83	34	458.66	3.969	468.02	447.44	34

JUNE

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	6.94	.244	7.89	6.16	97	1480	3.2	1495	1474	556
10:	7.00	.219	7.34	6.13	97	1480	3.1	1491	1473	554
20:	7.06	.263	7.44	6.33	97	1479	2.9	1489	1472	555
30:	7.13	.227	7.72	6.14	97	1478	2.8	1488	1472	555
50:	7.20	.221	7.56	5.90	97	1473	2.5	1483	1467	555
75:	7.17	.222	7.76	5.70	97	1471	2.4	1477	1466	553
100:	6.93	.347	7.52	5.56	97	1469	2.2	1475	1466	552
125:	5.67	.855	7.37	3.59	97	1468	2.0	1475	1465	552
150:	4.57	.977	7.02	2.62	97	1469	2.0	1476	1466	552
175:	3.74	.767	5.13	1.64	96	1469	2.0	1476	1467	459
200:	3.17	.684	4.56	1.47	96	1469	1.9	1475	1467	459
225:	2.74	.628	3.99	1.33	96	1469	1.5	1476	1467	458
250:	2.37	.578	3.48	1.07	96	1469	1.3	1476	1467	458
300:	1.85	.440	2.66	.86	93	1469	1.0	1475	1468	457
400:	1.25	.291	1.77	.62	80	1471	.7	1474	1470	273
500:	.91	.220	1.58	.57	72	1472	.5	1474	1472	241
600:	.76	.171	1.30	.49	72	1473	.5	1475	1473	239
700:	.67	.118	1.01	.44	70	1474	.5	1475	1474	235
800:	.62	.096	.92	.41	70	1475	.5	1476	1475	235
900:	.60	.081	.85	.47	70	1476	.5	1477	1476	222
1000:	.59	.083	.85	.49	66	1477	.4	1478	1477	221
1200:	.63	.077	.85	.50	66	1479	.1	1480	1479	219
1500:	.82	.102	1.27	.65	58	1483	.3	1484	1483	155
2000:	1.40	.143	1.99	1.13	50	1490	.5	1491	1490	54
2500:	2.00	.097	2.20	1.79	42	1498	.0	1498	1498	45
3000:	2.57	.086	2.78	2.38	40	1506	.0	1506	1506	44
3500:	2.97	.084	3.14	2.73	39	1514	.0	1514	1514	42
4000:	3.22	.104	3.43	2.87	35	1523	.0	1523	1523	38
4160:	3.26	.078	3.50	3.00	33	1524	.5	1525	1524	36
4200:	3.33	.203	4.33	3.15	29	1526	.0	1526	1526	34

JUNE

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.255	.8134	12.023	.000	221
10:	11.047	.2807	11.766	10.429	219
20:	10.792	.2721	11.513	10.197	220
30:	10.543	.2632	11.258	9.981	220
50:	10.065	.2461	10.761	9.531	220
75:	9.499	.2270	10.190	8.995	220
100:	8.969	.2084	9.648	8.505	220
125:	8.504	.1963	9.127	8.016	220
150:	8.123	.1864	8.673	7.612	220
175:	7.785	.1769	8.204	7.291	220
200:	7.465	.1701	7.870	6.992	220
225:	7.156	.1632	7.545	6.697	220
250:	6.854	.1568	7.227	6.412	220
300:	6.270	.1440	6.607	5.863	220
400:	5.176	.1182	5.455	4.832	220
500:	4.167	.0935	4.380	3.886	220
600:	3.227	.0723	3.398	3.005	220
700:	2.349	.0528	2.481	2.189	220
800:	1.523	.0343	1.614	1.419	220
900:	.742	.0170	.787	.691	220
1000:	.000	.0001	.002	.000	220
1200:	-1.385	.0339	-1.287	-1.479	219
1500:	-3.250	.0598	-3.040	-3.494	155
2000:	-6.057	.0688	-5.899	-6.227	54
2500:	-8.545	.0892	-8.350	-8.752	45
3000:	-10.876	.1006	-10.661	-11.127	44
3500:	-13.133	.1070	-12.906	-13.406	42
4000:	-15.384	.1252	-15.142	-15.716	38
4100:	-15.840	.1283	-15.583	-16.182	36
4200:	-16.290	.1316	-15.998	-16.650	34

JULY

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	10.60	1.147	14.00	8.18	353	32.612	.1017	33.122	32.440	353
10:	10.43	1.116	12.92	8.16	353	32.611	.0924	32.835	32.460	353
20:	9.97	1.156	12.79	6.76	353	32.620	.0940	32.837	32.460	353
30:	8.74	1.166	11.99	6.21	353	32.645	.0899	32.861	32.478	353
50:	6.59	.658	8.39	5.24	353	32.698	.0865	32.990	32.530	353
75:	5.59	.574	6.86	4.45	352	32.730	.0913	33.033	32.570	352
100:	5.01	.551	6.43	4.00	349	32.819	.1183	33.360	32.620	349
125:	4.62	.428	5.77	3.55	349	33.216	.2725	33.741	32.726	349
150:	4.56	.409	5.38	3.66	349	33.581	.1833	33.828	32.960	349
175:	4.43	.394	5.29	3.63	349	33.733	.0777	33.856	33.393	349
200:	4.26	.353	5.15	3.46	349	33.784	.0486	33.883	33.633	349
225:	4.12	.287	4.88	3.44	348	33.816	.0391	33.900	33.672	348
250:	4.01	.235	4.48	3.41	348	33.845	.0351	33.930	33.707	348
300:	3.89	.176	4.24	3.35	348	33.906	.0325	33.990	33.764	348
400:	3.76	.123	4.02	3.50	223	34.024	.0318	34.111	33.908	223
500:	3.64	.099	3.83	3.41	191	34.124	.0262	34.207	34.056	191
600:	3.48	.085	3.63	3.26	183	34.198	.0222	34.280	34.141	183
700:	3.32	.073	3.46	3.13	179	34.259	.0192	34.342	34.214	179
800:	3.15	.060	3.27	2.99	179	34.308	.0174	34.394	34.269	179
900:	3.00	.051	3.13	2.86	179	34.350	.0166	34.437	34.308	179
1000:	2.86	.046	3.02	2.74	179	34.388	.0156	34.469	34.352	179
1200:	2.61	.041	2.77	2.52	178	34.447	.0152	34.535	34.417	178
1500:	2.31	.042	2.58	2.21	172	34.511	.0155	34.600	34.467	172
2000:	1.96	.027	2.03	1.89	47	34.584	.0115	34.613	34.534	47
2500:	1.75	.020	1.79	1.71	35	34.627	.0069	34.640	34.612	35
3000:	1.60	.011	1.63	1.58	34	34.654	.0096	34.674	34.617	34
3500:	1.54	.015	1.58	1.50	33	34.672	.0072	34.688	34.654	33
4000:	1.52	.015	1.57	1.48	31	34.682	.0067	34.703	34.670	31
4100:	1.52	.014	1.57	1.49	27	34.682	.0074	34.703	34.669	27
4200:	1.52	.012	1.55	1.51	21	34.682	.0101	34.704	34.649	21

JULY

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.005	.2210	25.491	24.359	353	296.2	21.04	357.7	250.0	353
10:	25.033	.2171	25.486	24.522	353	293.8	20.68	342.4	250.6	353
20:	25.117	.2252	25.695	24.548	353	285.9	21.47	340.1	230.9	353
30:	25.333	.2174	25.830	24.688	353	265.5	20.74	327.1	218.1	353
50:	25.683	.1224	26.022	25.363	353	232.3	11.69	263.0	200.0	353
75:	25.833	.1139	26.142	25.593	352	218.2	10.89	241.2	188.7	352
100:	25.969	.1144	26.426	25.645	349	205.4	10.92	236.6	162.0	349
125:	26.326	.1998	26.769	25.906	349	171.7	18.89	211.6	129.7	349
150:	26.623	.1349	26.842	26.170	349	143.9	12.76	186.6	122.9	349
175:	26.756	.0563	26.877	26.461	349	131.4	5.37	159.5	119.7	349
200:	26.814	.0368	26.922	26.657	349	126.0	3.56	141.2	115.6	349
225:	26.856	.0327	26.939	26.764	348	122.3	3.18	131.1	114.2	348
250:	26.890	.0304	26.964	26.805	348	119.2	2.95	127.3	112.0	348
300:	26.951	.0278	27.012	26.879	348	113.8	2.68	120.6	107.9	348
400:	27.058	.0272	27.118	26.981	223	104.4	2.60	111.6	98.6	223
500:	27.149	.0227	27.201	27.092	191	96.5	2.18	101.9	91.6	191
600:	27.223	.0203	27.278	27.172	183	90.1	1.97	94.9	85.0	183
700:	27.287	.0175	27.346	27.246	179	84.5	1.71	88.5	79.2	179
800:	27.342	.0160	27.405	27.304	179	79.8	1.56	83.4	74.0	179
900:	27.389	.0148	27.453	27.350	179	75.6	1.44	79.5	69.9	179
1000:	27.431	.0139	27.490	27.399	179	72.0	1.35	75.4	66.7	179
1200:	27.500	.0131	27.566	27.473	178	66.0	1.27	69.0	60.2	178
1500:	27.577	.0132	27.643	27.537	172	59.5	1.28	64.1	53.6	172
2000:	27.664	.0102	27.690	27.623	47	52.1	1.01	55.8	49.6	47
2500:	27.715	.0062	27.726	27.704	35	48.1	.62	49.1	47.0	35
3000:	27.747	.0078	27.763	27.718	34	45.8	.74	48.4	44.3	34
3500:	27.766	.0063	27.780	27.751	33	44.9	.62	46.3	43.5	33
4000:	27.775	.0055	27.793	27.765	31	45.3	.53	46.3	43.7	31
4100:	27.775	.0062	27.793	27.765	27	45.5	.58	46.3	44.0	27
4200:	27.775	.0083	27.791	27.750	21	45.9	.74	47.9	44.4	21

JULY

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	10.60	1.147	14.00	8.18	353	296.2	21.04	357.7	250.0	353
10:	10.43	1.116	12.92	8.16	353	293.5	20.66	342.2	250.4	353
20:	9.97	1.156	12.79	6.76	353	285.5	21.43	339.6	230.6	353
30:	8.74	1.166	11.99	6.21	353	265.0	20.67	326.3	217.7	353
50:	6.59	.657	8.38	5.24	353	231.6	11.64	262.1	199.4	353
75:	5.58	.574	6.88	4.44	352	217.4	10.81	240.2	188.0	352
100:	5.00	.550	6.42	3.99	349	204.4	10.86	235.2	161.1	349
125:	4.61	.428	5.76	3.54	349	170.5	18.97	210.4	128.5	349
150:	4.54	.408	5.37	3.65	349	142.4	12.81	185.3	121.6	349
175:	4.42	.394	5.28	3.62	349	129.7	5.34	157.7	118.2	349
200:	4.25	.352	5.13	3.45	349	124.1	3.49	139.1	114.0	349
225:	4.10	.286	4.86	3.43	348	120.2	3.10	128.9	112.3	348
250:	3.99	.235	4.47	3.39	348	116.9	2.68	124.9	109.9	348
300:	3.87	.176	4.22	3.33	348	111.1	2.64	117.9	105.4	348
400:	3.73	.122	3.99	3.47	223	100.9	2.57	108.2	95.2	223
500:	3.60	.098	3.80	3.38	191	92.3	2.14	97.6	87.2	191
600:	3.44	.084	3.59	3.22	183	85.2	1.92	89.9	79.9	183
700:	3.27	.072	3.41	3.09	179	79.0	1.65	83.0	73.5	179
800:	3.10	.059	3.22	2.93	179	73.8	1.51	77.4	67.8	179
900:	2.94	.051	3.07	2.80	179	69.3	1.40	73.0	63.2	179
1000:	2.79	.046	2.95	2.67	179	65.2	1.32	68.3	59.7	179
1200:	2.53	.040	2.69	2.44	178	58.6	1.24	61.1	52.4	178
1500:	2.21	.042	2.48	2.11	172	51.2	1.25	54.9	44.9	172
2000:	1.82	.027	1.89	1.75	47	42.7	.96	46.6	40.3	47
2500:	1.57	.020	1.61	1.54	35	37.7	.57	38.7	36.7	35
3000:	1.38	.011	1.41	1.36	34	34.4	.75	37.2	32.9	34
3500:	1.27	.014	1.31	1.23	33	32.3	.59	33.7	31.0	33
4000:	1.20	.014	1.25	1.16	31	31.1	.53	32.0	29.4	31
4100:	1.19	.013	1.23	1.16	27	31.0	.57	31.9	29.4	27
4200:	1.18	.012	1.20	1.16	21	31.0	.77	33.3	29.5	21

JULY

STD PRESS	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	353	.00	.000	.00	.00	353
10:	.30	.021	.35	.25	353	.02	.005	.02	.01	353
20:	.59	.042	.69	.50	353	.06	.005	.07	.05	353
30:	.87	.058	1.02	.74	353	.13	.009	.16	.11	353
50:	1.36	.079	1.59	1.18	353	.33	.019	.38	.29	353
75:	1.92	.096	2.20	1.70	352	.69	.032	.77	.62	352
100:	2.45	.118	2.77	2.19	349	1.16	.054	1.31	1.02	349
125:	2.92	.131	3.28	2.55	349	1.70	.075	1.90	1.43	349
150:	3.32	.146	3.71	2.86	349	2.25	.114	2.50	1.87	349
175:	3.66	.159	4.08	3.16	349	2.82	.144	3.20	2.37	349
200:	3.98	.166	4.42	3.46	349	3.43	.160	3.88	2.93	349
225:	4.29	.173	4.74	3.74	348	4.10	.176	4.61	3.56	348
250:	4.59	.179	5.06	4.03	348	4.83	.191	5.38	4.24	348
300:	5.17	.187	5.67	4.58	348	6.47	.221	7.10	5.80	348
400:	6.27	.221	6.82	5.61	223	10.37	.319	11.14	9.45	223
500:	7.25	.241	7.87	6.57	191	14.92	.401	15.99	13.86	191
600:	8.17	.250	8.84	7.47	183	20.12	.494	21.48	18.90	183
700:	9.04	.263	9.75	8.31	179	25.88	.600	27.54	24.47	179
800:	9.86	.274	10.59	9.10	179	32.15	.710	34.10	30.50	179
900:	10.63	.285	11.39	9.85	179	38.88	.824	41.13	36.95	179
1000:	11.37	.295	12.14	10.55	179	46.02	.942	48.59	43.59	179
1200:	12.75	.312	13.56	11.88	178	61.47	1.175	64.61	57.74	178
1500:	14.63	.336	15.50	13.71	172	87.28	1.628	91.01	81.07	172
2000:	17.47	.414	18.33	16.49	47	137.24	2.232	141.31	132.45	47
2500:	20.02	.425	20.85	18.93	35	194.88	2.824	199.83	189.23	35
3000:	22.36	.442	23.22	21.23	34	260.40	3.469	266.56	253.79	34
3500:	24.61	.459	25.49	23.43	33	335.25	4.394	345.41	326.58	33
4000:	26.66	.477	27.75	25.63	31	421.34	5.285	432.97	410.65	31
4100:	27.31	.417	28.21	26.64	27	440.10	5.136	451.86	428.71	27
4200:	27.81	.437	28.67	27.09	21	459.83	5.831	471.27	447.41	21

JULY

STD PRESS	OXYGEN MEAN	OXYGEN S.D.	OXYGEN MAX	OXYGEN MIN	OXYGEN N	SOUND MEAN	SOUND S.D.	SOUND MAX	SOUND MIN	SOUND N
0:	6.71	.214	7.25	6.28	88	1489	4.1	1501	1481	353
10:	6.76	.190	7.33	6.31	88	1489	4.0	1498	1481	353
20:	6.86	.247	7.73	6.34	88	1487	4.2	1497	1475	353
30:	7.07	.242	7.54	6.50	88	1483	4.4	1495	1473	353
50:	7.15	.139	7.65	6.84	88	1475	2.6	1482	1470	353
75:	7.12	.127	7.53	6.90	88	1471	2.3	1477	1467	352
100:	6.96	.292	7.50	5.41	88	1469	2.3	1475	1466	349
125:	6.04	.819	7.26	3.86	88	1469	2.0	1474	1464	349
150:	4.75	.844	6.55	3.14	88	1469	1.8	1473	1466	349
175:	3.89	.711	5.31	2.59	88	1469	1.7	1473	1466	349
200:	3.28	.612	4.54	1.77	88	1469	1.6	1473	1466	349
225:	2.83	.573	4.13	1.43	87	1469	1.2	1473	1466	348
250:	2.45	.542	3.77	1.14	87	1469	1.1	1471	1467	348
300:	1.85	.414	2.79	.82	84	1469	.8	1471	1467	348
400:	1.24	.256	1.77	.67	75	1470	.6	1472	1470	223
500:	.92	.182	1.29	.56	69	1472	.5	1473	1471	101
600:	.81	.192	1.29	.47	62	1473	.5	1474	1472	183
700:	.72	.154	1.21	.40	60	1474	.5	1475	1474	179
800:	.65	.129	1.02	.40	60	1475	.5	1476	1475	179
900:	.62	.108	.89	.45	60	1476	.5	1477	1476	179
1000:	.61	.109	.86	.44	59	1477	.5	1478	1477	179
1200:	.65	.113	1.00	.47	59	1480	.1	1481	1479	178
1500:	.82	.091	1.06	.65	54	1483	.4	1485	1483	172
2000:	1.41	.113	1.83	1.16	44	1490	.5	1491	1490	47
2500:	2.06	.083	2.27	1.94	35	1498	.0	1498	1498	35
3000:	2.62	.103	2.88	2.45	34	1506	.0	1506	1506	34
3500:	3.03	.091	3.22	2.86	33	1514	.0	1514	1514	33
4000:	3.26	.097	3.54	3.12	29	1523	.0	1523	1523	31
4100:	3.29	.060	3.47	3.18	24	1524	.4	1525	1524	27
4200:	3.34	.145	3.87	3.22	19	1526	.0	1526	1526	21

JULY

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.373	.2955	12.140	10.551	178
10:	11.080	.2836	11.800	10.277	178
20:	10.793	.2722	11.477	10.006	178
30:	10.519	.2631	11.219	9.755	178
50:	10.023	.2491	10.729	9.319	178
75:	9.460	.2333	10.153	8.812	178
100:	8.936	.2148	9.612	8.364	178
125:	8.465	.1930	9.102	8.005	178
150:	8.075	.1724	8.603	7.676	178
175:	7.735	.1591	8.166	7.360	178
200:	7.415	.1514	7.796	7.045	178
225:	7.107	.1444	7.458	6.746	178
250:	6.806	.1381	7.140	6.449	178
300:	6.224	.1272	6.528	5.884	178
400:	5.140	.1018	5.393	4.830	178
500:	4.139	.0799	4.335	3.873	178
600:	3.207	.0611	3.355	2.993	178
700:	2.335	.0440	2.441	2.162	178
800:	1.515	.0286	1.582	1.402	178
900:	.738	.0140	.770	.685	178
1000:	.000	.0000	.000	.000	178
1200:	-1.376	.0259	-1.261	-1.445	178
1500:	-3.252	.0628	-2.960	-3.394	172
2000:	-6.053	.0873	-5.852	-6.224	47
2500:	-8.562	.1165	-8.347	-8.809	35
3000:	-10.900	.1405	-10.626	-11.195	34
3500:	-13.158	.1695	-12.815	-13.576	33
4000:	-15.410	.1941	-14.993	-15.866	31
4100:	-15.863	.1935	-15.430	-16.324	27
4200:	-16.334	.2171	-15.872	-16.783	21

AUGUST

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	12.69	1.048	15.24	10.20	343	32.567	.1022	33.012	32.390	343
10:	12.60	1.028	15.19	9.99	343	32.566	.0952	32.900	32.390	343
20:	12.27	1.050	14.99	8.93	343	32.575	.0940	32.900	32.400	343
30:	10.41	1.595	13.65	6.22	343	32.621	.1061	32.910	32.419	343
50:	6.77	.852	11.69	4.96	343	32.699	.1099	33.010	32.495	343
75:	5.78	.728	7.31	4.18	342	32.728	.1178	33.063	32.530	342
100:	5.21	.679	6.43	3.73	340	32.824	.1412	33.350	32.600	340
125:	4.82	.438	5.90	3.41	340	33.281	.2080	33.730	32.805	340
150:	4.77	.443	5.85	3.82	340	33.627	.1351	33.870	33.170	340
175:	4.66	.474	5.65	3.39	339	33.755	.0679	33.955	33.456	339
200:	4.49	.447	5.55	3.34	339	33.801	.0471	33.975	33.568	339
225:	4.33	.387	5.45	3.41	336	33.827	.0374	33.976	33.667	336
250:	4.19	.327	5.37	3.48	335	33.852	.0327	33.976	33.740	335
300:	4.02	.241	5.17	3.43	331	33.908	.0305	34.066	33.800	331
400:	3.85	.164	4.37	3.46	228	34.022	.0293	34.135	33.946	228
500:	3.72	.115	3.99	3.44	207	34.119	.0272	34.207	34.068	207
600:	3.55	.090	3.73	3.30	202	34.195	.0244	34.272	34.150	202
700:	3.37	.077	3.52	3.16	199	34.258	.0225	34.330	34.198	199
800:	3.19	.063	3.31	3.02	198	34.308	.0222	34.381	34.228	198
900:	3.03	.054	3.12	2.89	198	34.351	.0197	34.426	34.292	198
1000:	2.88	.048	2.96	2.75	198	34.386	.0181	34.450	34.341	198
1200:	2.63	.043	2.72	2.48	196	34.443	.0161	34.498	34.395	196
1500:	2.32	.051	2.46	2.18	173	34.506	.0185	34.563	34.453	173
2000:	1.95	.037	2.00	1.76	52	34.587	.0114	34.620	34.557	52
2500:	1.75	.017	1.79	1.71	42	34.628	.0098	34.660	34.603	42
3000:	1.60	.013	1.64	1.58	42	34.656	.0086	34.679	34.635	42
3500:	1.54	.010	1.55	1.51	42	34.672	.0096	34.690	34.637	42
4000:	1.52	.010	1.54	1.49	40	34.681	.0069	34.697	34.667	40
4100:	1.52	.011	1.53	1.49	36	34.682	.0065	34.696	34.669	36
4200:	1.52	.010	1.54	1.50	31	34.685	.0120	34.738	34.665	31

AUGUST

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	24.588	.2431	25.069	24.018	343	335.9	23.16	390.2	290.1	343
10:	24.605	.2365	25.191	24.029	343	334.5	22.54	389.5	278.7	343
20:	24.675	.2374	25.366	24.072	343	328.0	22.64	385.6	262.2	343
30:	25.036	.3138	25.884	24.329	343	293.8	29.94	361.3	213.0	343
50:	25.659	.1703	26.029	24.941	343	234.7	16.26	303.4	199.4	343
75:	25.807	.1613	26.126	25.511	342	220.8	15.42	249.1	190.4	342
100:	25.950	.1646	26.395	25.642	340	207.3	15.74	236.8	164.9	340
125:	26.356	.1615	26.720	25.918	340	169.0	15.30	210.6	134.4	340
150:	26.635	.1025	26.852	26.308	340	142.8	9.73	173.8	122.2	340
175:	26.749	.0556	26.889	26.559	339	132.2	5.36	149.9	118.8	339
200:	26.804	.0442	26.913	26.658	339	127.2	4.33	140.8	116.8	339
225:	26.842	.0408	26.955	26.744	336	123.7	4.01	132.6	112.9	336
250:	26.877	.0385	26.982	26.803	335	120.6	3.79	127.6	110.5	335
300:	26.939	.0353	27.034	26.864	331	115.0	3.47	122.2	106.0	331
400:	27.047	.0322	27.140	26.976	228	105.5	3.15	112.4	96.7	228
500:	27.137	.0286	27.213	27.083	207	97.7	2.80	102.9	90.4	207
600:	27.214	.0256	27.284	27.168	202	90.9	2.51	95.5	84.3	202
700:	27.281	.0229	27.346	27.235	199	85.1	2.25	89.4	78.9	199
800:	27.338	.0216	27.405	27.276	198	80.2	2.11	85.9	73.7	198
900:	27.387	.0190	27.455	27.342	198	75.9	1.86	80.1	69.4	198
1000:	27.428	.0173	27.491	27.393	198	72.3	1.70	75.6	66.2	198
1200:	27.496	.0151	27.546	27.458	196	66.5	1.49	70.0	61.4	196
1500:	27.572	.0171	27.624	27.529	173	60.0	1.69	64.0	54.7	173
2000:	27.667	.0108	27.708	27.643	52	51.8	1.13	54.1	47.1	52
2500:	27.716	.0083	27.744	27.694	42	48.0	.80	50.1	45.3	42
3000:	27.748	.0071	27.768	27.731	42	45.7	.67	47.3	43.7	42
3500:	27.766	.0081	27.783	27.738	42	44.9	.74	47.5	43.2	42
4000:	27.775	.0059	27.788	27.765	40	45.3	.58	46.2	44.1	40
4100:	27.776	.0057	27.788	27.765	36	45.5	.54	46.4	44.2	36
4200:	27.778	.0100	27.822	27.762	31	45.5	.93	47.0	41.5	31

AUGUST

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	12.69	1.048	15.24	10.20	343	335.9	23.16	390.2	290.1	343
10:	12.60	1.028	15.19	9.99	343	334.2	22.53	389.1	278.5	343
20:	12.26	1.050	14.99	8.93	343	327.5	22.61	385.0	261.8	343
30:	10.41	1.595	13.64	6.22	343	293.1	29.88	360.5	212.6	343
50:	6.77	.851	11.68	4.96	343	234.0	16.18	302.1	198.8	343
75:	5.78	.728	7.31	4.17	342	219.9	15.32	247.9	189.5	342
100:	5.20	.679	6.42	3.72	340	206.3	15.63	235.5	164.0	340
125:	4.81	.438	5.89	3.40	340	167.7	15.33	209.3	133.2	340
150:	4.76	.443	5.84	3.61	340	141.2	9.73	172.2	120.6	340
175:	4.65	.474	5.63	3.37	339	130.4	5.27	148.4	117.0	339
200:	4.47	.444	5.53	3.33	339	125.1	4.19	139.0	114.8	339
225:	4.31	.387	5.43	3.39	336	121.5	3.86	130.8	110.8	336
250:	4.17	.326	5.35	3.46	335	118.2	3.64	125.1	108.2	335
300:	4.00	.240	5.14	3.41	331	112.3	3.34	119.3	103.2	331
400:	3.82	.164	4.34	3.43	228	102.0	3.05	108.6	93.1	228
500:	3.68	.114	3.95	3.40	207	93.4	2.71	98.4	86.1	207
600:	3.50	.090	3.69	3.26	202	86.0	2.42	90.3	79.4	202
700:	3.32	.076	3.47	3.12	199	79.6	2.17	84.0	73.4	199
800:	3.14	.062	3.26	2.97	198	74.2	2.04	80.0	67.8	198
900:	2.97	.053	3.06	2.63	198	69.5	1.80	73.8	63.1	198
1000:	2.81	.048	2.90	2.68	198	65.5	1.63	68.8	59.6	198
1200:	2.55	.043	2.64	2.40	196	59.0	1.43	62.6	54.3	196
1500:	2.22	.050	2.35	2.08	173	51.7	1.61	55.8	46.8	173
2000:	1.82	.037	1.87	1.62	52	42.5	1.02	44.8	38.6	52
2500:	1.57	.017	1.61	1.53	42	37.6	.77	39.6	35.0	42
3000:	1.38	.012	1.41	1.36	42	34.3	.68	35.9	32.4	42
3500:	1.26	.009	1.28	1.24	42	32.3	.75	35.0	30.7	42
4000:	1.20	.011	1.21	1.17	40	31.1	.56	32.1	29.9	40
4100:	1.18	.011	1.20	1.15	36	31.0	.52	32.0	29.8	36
4200:	1.17	.010	1.19	1.15	31	30.7	.95	32.2	26.5	31

AUGUST

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	DELTA D N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	POT. ENERGY N
0:	.00	.000	.00	.00	343	.00	.000	.00	.00	343
10:	.34	.023	.39	.29	343	.02	.001	.02	.01	343
20:	.67	.044	.78	.58	343	.07	.006	.08	.06	343
30:	.98	.063	1.14	.84	343	.15	.010	.17	.12	343
50:	1.51	.096	1.74	1.27	343	.36	.025	.42	.29	343
75:	2.07	.127	2.36	1.77	342	.72	.046	.81	.61	342
100:	2.61	.161	2.96	2.27	340	1.20	.078	1.34	1.04	340
125:	3.08	.187	3.51	2.66	340	1.74	.110	1.98	1.46	340
150:	3.47	.206	3.99	2.98	340	2.28	.142	2.64	1.92	340
175:	3.81	.220	4.38	3.29	339	2.85	.167	3.28	2.43	339
200:	4.14	.228	4.71	3.58	339	3.46	.185	3.93	2.99	339
225:	4.45	.236	5.04	3.87	336	4.15	.202	4.64	3.62	336
250:	4.76	.244	5.36	4.15	335	4.88	.222	5.41	4.30	335
300:	5.35	.259	5.96	4.71	331	6.54	.263	7.15	5.86	331
400:	6.45	.287	7.13	5.75	228	10.47	.373	11.24	9.44	228
500:	7.46	.323	8.20	6.74	207	15.11	.513	16.18	13.81	207
600:	8.40	.345	9.16	7.64	202	20.39	.649	21.62	18.80	202
700:	9.28	.364	10.08	8.49	199	26.20	.796	27.65	24.24	199
800:	10.10	.382	10.94	9.28	198	32.51	.951	34.17	30.15	198
900:	10.88	.398	11.74	10.01	198	39.27	1.106	41.15	36.46	198
1000:	11.62	.413	12.51	10.69	198	46.44	1.263	48.53	43.20	198
1200:	13.01	.437	13.93	11.95	196	61.97	1.581	64.56	57.34	196
1500:	14.86	.474	15.86	13.71	173	87.82	2.153	92.38	81.39	173
2000:	17.63	.375	18.47	16.49	52	137.26	2.611	142.37	129.71	52
2500:	20.13	.407	21.00	18.85	42	194.39	3.476	201.28	183.75	42
3000:	22.46	.432	23.37	21.06	42	259.74	4.266	269.20	245.75	42
3500:	24.72	.450	25.63	23.23	42	334.49	5.002	346.03	317.57	42
4000:	26.96	.476	27.86	25.40	40	420.48	5.842	432.90	400.69	40
4100:	27.42	.493	28.31	25.84	36	439.33	6.141	451.57	418.96	36
4200:	27.89	.525	28.78	26.29	31	458.92	6.655	471.36	437.76	31

AUGUST

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	6.43	.201	6.94	6.10	95	1496	3.5	1505	1488	343
10:	6.44	.197	6.84	6.12	95	1496	3.5	1505	1488	343
20:	6.52	.255	7.47	5.82	95	1495	3.6	1505	1484	343
30:	6.76	.419	7.61	5.22	95	1489	5.8	1500	1474	343
50:	7.13	.236	7.63	6.40	95	1475	3.3	1494	1469	343
75:	7.01	.229	7.61	6.60	95	1472	2.9	1478	1466	342
100:	6.83	.345	7.44	4.95	95	1470	2.7	1475	1464	340
125:	5.91	.689	7.38	3.72	95	1470	1.9	1475	1463	340
150:	4.70	.677	6.17	3.12	94	1470	1.9	1475	1467	340
175:	3.93	.593	4.98	2.43	94	1470	2.1	1475	1465	339
200:	3.36	.538	4.21	1.77	94	1470	1.9	1475	1466	339
225:	2.94	.511	3.85	1.60	94	1470	1.6	1475	1466	336
250:	2.58	.515	4.54	1.31	92	1470	1.4	1475	1467	335
300:	1.98	.479	3.50	.09	90	1470	1.0	1475	1468	331
400:	1.33	.343	2.43	.01	81	1471	.7	1474	1470	228
500:	.96	.258	1.72	.01	69	1472	.5	1474	1471	207
600:	.79	.187	1.28	.01	66	1473	.5	1474	1473	202
700:	.69	.149	1.18	.01	66	1474	.5	1475	1474	199
800:	.63	.138	1.20	.01	66	1475	.5	1476	1475	198
900:	.62	.138	1.27	.01	66	1476	.5	1477	1476	198
1000:	.60	.144	1.30	.01	65	1477	.4	1478	1477	198
1200:	.63	.136	1.06	.01	65	1479	.1	1480	1479	196
1500:	.82	.148	1.19	.01	58	1483	.3	1484	1483	173
2000:	1.41	.119	1.92	1.24	47	1490	.4	1491	1490	52
2500:	2.04	.092	2.31	1.76	42	1498	.0	1498	1498	42
3000:	2.62	.083	2.85	2.37	42	1506	.0	1506	1506	42
3500:	2.99	.080	3.17	2.75	41	1514	.0	1514	1514	42
4000:	3.23	.080	3.38	3.01	38	1523	.0	1523	1523	40
4100:	3.27	.099	3.43	3.02	33	1524	.4	1525	1524	36
4200:	3.31	.096	3.47	3.09	28	1526	.0	1526	1526	31

AUGUST

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.621	.4133	12.506	10.692	197
10:	11.285	.3950	12.118	10.388	197
20:	10.952	.3775	11.731	10.086	197
30:	10.640	.3606	11.365	9.821	197
50:	10.117	.3330	10.764	9.352	197
75:	9.550	.3041	10.147	8.859	197
100:	9.016	.2731	9.550	8.367	197
125:	8.542	.2479	8.995	7.931	197
150:	8.152	.2278	8.544	7.567	197
175:	7.810	.2138	8.162	7.244	197
200:	7.487	.2038	7.808	6.928	197
225:	7.175	.1938	7.480	6.627	197
250:	6.870	.1846	7.161	6.333	197
300:	6.281	.1675	6.547	5.762	197
400:	5.182	.1341	5.401	4.819	197
500:	4.167	.1055	4.351	3.864	197
600:	3.225	.0817	3.395	2.974	197
700:	2.347	.0588	2.486	2.160	197
800:	1.521	.0374	1.604	1.394	197
900:	.741	.0178	.775	.678	197
1000:	.000	.0000	.000	.000	197
1200:	-1.385	.0329	-1.261	-1.458	196
1500:	-3.271	.0779	-3.013	-3.457	173
2000:	-6.050	.1162	-5.747	-6.346	52
2500:	-8.541	.1561	-8.193	-8.845	42
3000:	-10.873	.1839	-10.314	-11.268	42
3500:	-13.129	.2052	-12.481	-13.587	42
4000:	-15.375	.2231	-14.656	-15.860	40
4100:	-15.829	.2293	-15.098	-16.312	36
4200:	-16.298	.2469	-15.543	-16.780	31

SEPTEMBER

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	12.74	.982	15.18	9.40	275	32.527	.0923	32.810	32.260	275
10:	12.68	.954	15.15	9.38	275	32.526	.0864	32.820	32.333	275
20:	12.62	.937	15.15	9.38	274	32.529	.0861	32.840	32.365	274
30:	11.88	1.461	14.78	5.52	275	32.553	.1031	32.960	32.390	275
50:	7.03	1.154	11.27	4.91	275	32.692	.1164	32.982	32.470	275
75:	5.68	.731	7.18	4.21	273	32.734	.1154	33.096	32.530	273
100:	5.08	.690	6.51	3.79	272	32.816	.1290	33.331	32.567	272
125:	4.77	.434	5.82	3.89	272	33.240	.2098	33.760	32.708	272
150:	4.73	.467	5.75	3.52	272	33.603	.1513	33.890	32.925	272
175:	4.61	.499	5.71	3.39	272	33.739	.0753	33.910	33.408	272
200:	4.44	.468	5.47	3.30	272	33.788	.0514	33.940	33.553	272
225:	4.28	.403	5.15	3.34	272	33.817	.0406	33.950	33.658	272
250:	4.15	.341	4.85	3.38	272	33.846	.0364	33.988	33.707	272
300:	3.99	.250	4.59	3.40	261	33.903	.0358	34.040	33.782	261
400:	3.82	.162	4.20	3.43	187	34.020	.0282	34.085	33.948	187
500:	3.70	.120	3.92	3.46	154	34.115	.0258	34.178	34.050	154
600:	3.53	.096	3.71	3.33	148	34.191	.0249	34.256	34.096	148
700:	3.36	.078	3.58	3.19	146	34.251	.0226	34.320	34.178	146
800:	3.19	.065	3.36	3.04	146	34.302	.0201	34.371	34.245	146
900:	3.03	.057	3.16	2.89	145	34.345	.0179	34.407	34.299	145
1000:	2.88	.051	3.05	2.77	143	34.381	.0160	34.432	34.331	143
1200:	2.63	.044	2.75	2.52	140	34.439	.0152	34.478	34.384	140
1500:	2.32	.040	2.42	2.22	109	34.505	.0164	34.558	34.443	109
2000:	1.96	.025	2.09	1.92	52	34.585	.0094	34.612	34.556	52
2500:	1.75	.018	1.82	1.71	45	34.626	.0076	34.637	34.605	45
3000:	1.60	.014	1.63	1.57	44	34.652	.0104	34.668	34.616	44
3500:	1.54	.013	1.58	1.52	40	34.669	.0077	34.681	34.646	40
4000:	1.52	.025	1.54	1.38	38	34.679	.0073	34.694	34.659	38
4100:	1.52	.016	1.56	1.46	36	34.679	.0159	34.739	34.623	36
4200:	1.52	.010	1.54	1.50	27	34.682	.0060	34.699	34.674	27

SEPTEMBER

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	24.549	.2156	25.249	24.039	275	339.6	20.54	388.2	273.0	275
10:	24.560	.2109	25.253	24.045	275	338.8	20.10	387.9	272.8	275
20:	24.574	.2094	25.253	24.045	274	337.7	19.98	388.2	272.9	274
30:	24.726	.3093	25.987	24.102	275	323.4	29.51	383.0	203.2	275
50:	25.615	.2209	26.021	24.799	275	238.8	21.11	316.9	200.2	275
75:	25.824	.1552	26.120	25.524	273	219.1	14.84	247.7	190.9	273
100:	25.958	.1565	26.324	25.609	272	206.5	14.97	239.9	171.9	272
125:	26.330	.1679	26.701	25.888	272	171.4	15.93	213.5	136.4	272
150:	26.621	.1181	26.829	26.127	272	144.1	11.21	190.9	124.5	272
175:	26.741	.0608	26.875	26.507	272	132.9	5.85	155.0	120.3	272
200:	26.799	.0469	26.920	26.671	272	127.6	4.58	139.4	116.1	272
225:	26.839	.0434	26.943	26.725	272	123.9	4.26	135.0	114.1	272
250:	26.875	.0415	26.983	26.775	272	120.7	4.08	130.3	110.5	272
300:	26.938	.0398	27.031	26.822	261	115.1	3.88	126.2	106.4	261
400:	27.048	.0314	27.114	26.969	187	105.4	3.08	113.1	98.9	187
500:	27.136	.0281	27.196	27.069	154	97.7	2.76	104.2	92.0	154
600:	27.212	.0267	27.269	27.119	148	91.1	2.62	100.1	85.6	148
700:	27.277	.0238	27.340	27.203	146	85.5	2.35	92.8	79.5	146
800:	27.333	.0208	27.397	27.280	146	80.6	2.05	85.8	74.5	146
900:	27.383	.0184	27.437	27.335	145	76.3	1.82	81.0	71.2	145
1000:	27.424	.0160	27.468	27.375	143	72.7	1.60	77.6	68.6	143
1200:	27.493	.0144	27.531	27.447	140	66.8	1.42	71.1	63.0	140
1500:	27.571	.0144	27.620	27.521	109	60.0	1.40	64.7	55.3	109
2000:	27.664	.0085	27.688	27.640	52	52.1	.85	54.8	49.8	52
2500:	27.713	.0065	27.723	27.696	45	48.2	.61	50.0	47.4	45
3000:	27.745	.0085	27.759	27.716	44	46.0	.79	48.6	44.6	44
3500:	27.764	.0065	27.774	27.745	40	45.2	.60	46.8	44.2	40
4000:	27.773	.0066	27.792	27.757	38	45.4	.73	46.9	42.5	38
4100:	27.773	.0137	27.825	27.725	36	45.7	1.30	50.3	40.7	36
4200:	27.776	.0050	27.790	27.769	27	45.8	.49	46.5	44.4	27

SEPTEMBER

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	12.74	.982	15.18	9.40	275	339.6	20.54	388.2	273.0	275
10:	12.68	.954	15.15	9.38	275	338.5	20.09	387.6	272.6	275
20:	12.62	.937	15.15	9.38	274	337.2	19.95	387.6	272.5	274
30:	11.87	1.460	14.78	5.52	275	322.7	29.46	382.1	202.8	275
50:	7.03	1.153	11.26	4.91	275	238.1	21.00	315.7	199.6	275
75:	5.67	.731	7.17	4.20	273	218.2	14.74	246.7	190.2	273
100:	5.07	.690	6.50	3.78	272	205.5	14.86	238.6	170.7	272
125:	4.76	.433	5.81	3.88	272	170.2	15.94	212.1	134.9	272
150:	4.72	.467	5.74	3.51	272	142.5	11.20	189.3	122.8	272
175:	4.60	.499	5.69	3.37	272	131.1	5.77	153.4	118.4	272
200:	4.42	.466	5.46	3.29	272	125.6	4.44	137.8	114.1	272
225:	4.26	.403	5.13	3.33	272	121.8	4.11	132.6	111.9	272
250:	4.13	.341	4.83	3.36	272	118.3	3.93	127.8	108.1	272
300:	3.97	.250	4.57	3.38	261	112.4	3.77	123.3	103.5	261
400:	3.79	.161	4.17	3.40	187	101.9	2.97	109.3	95.6	187
500:	3.66	.119	3.89	3.42	154	93.4	2.66	99.8	87.8	154
600:	3.49	.095	3.67	3.29	148	86.1	2.52	95.0	80.8	148
700:	3.31	.078	3.53	3.14	146	80.0	2.26	87.0	74.0	146
800:	3.14	.064	3.30	2.98	146	74.6	1.97	79.7	68.6	146
900:	2.97	.056	3.10	2.83	145	69.9	1.73	74.3	64.8	145
1000:	2.81	.051	2.98	2.70	143	65.9	1.51	70.5	61.8	143
1200:	2.55	.043	2.66	2.44	140	59.3	1.35	63.6	55.7	140
1500:	2.22	.039	2.31	2.12	109	51.8	1.36	56.5	47.2	109
2000:	1.82	.025	1.95	1.78	52	42.7	.60	45.1	40.5	52
2500:	1.57	.017	1.64	1.53	45	37.8	.60	39.4	37.0	45
3000:	1.38	.012	1.40	1.35	44	34.6	.79	37.3	33.3	44
3500:	1.27	.013	1.31	1.25	40	32.5	.61	34.3	31.6	40
4000:	1.19	.024	1.22	1.06	38	31.2	.61	32.8	29.6	38
4100:	1.18	.015	1.23	1.13	36	31.2	1.28	35.7	26.3	36
4200:	1.17	.009	1.19	1.16	27	30.9	.48	31.6	29.5	27

SEPTEMBER

STD PRESS	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	275	.00	.000	.00	.00	275
10:	.34	.020	.39	.27	275	.02	.001	.02	.01	275
20:	.68	.040	.78	.55	274	.07	.005	.08	.06	274
30:	1.01	.060	1.15	.82	275	.15	.010	.18	.12	275
50:	1.57	.096	1.79	1.23	275	.38	.026	.43	.28	275
75:	2.14	.128	2.42	1.73	273	.74	.049	.86	.60	273
100:	2.67	.162	3.02	2.19	272	1.22	.080	1.38	1.01	272
125:	3.15	.189	3.57	2.59	272	1.76	.113	2.01	1.47	272
150:	3.54	.210	4.04	2.91	272	2.31	.148	2.67	1.91	272
175:	3.89	.225	4.42	3.21	272	2.88	.177	3.34	2.42	272
200:	4.21	.235	4.76	3.51	272	3.50	.197	4.01	3.00	272
225:	4.52	.244	5.09	3.79	272	4.18	.217	4.72	3.60	272
250:	4.83	.253	5.41	4.08	272	4.92	.238	5.50	4.29	272
300:	5.43	.269	6.04	4.61	261	6.58	.284	7.23	5.79	261
400:	6.52	.285	7.27	5.85	187	10.49	.383	11.67	9.77	187
500:	7.53	.324	8.35	6.87	154	15.15	.522	16.59	14.23	154
600:	8.47	.345	9.34	7.81	148	20.42	.659	22.15	19.24	148
700:	9.35	.365	10.26	8.70	146	26.27	.809	28.27	24.80	146
800:	10.18	.382	11.13	9.52	146	32.61	.963	34.86	30.69	146
900:	10.96	.396	11.94	10.30	145	39.40	1.111	41.93	37.00	145
1000:	11.71	.406	12.71	11.03	143	46.61	1.246	49.43	43.75	143
1200:	13.11	.422	14.17	12.40	140	62.27	1.508	65.67	58.75	140
1500:	14.98	.442	16.14	14.17	109	88.27	2.008	93.04	83.26	109
2000:	17.75	.412	18.60	17.00	52	137.58	2.275	142.91	131.67	52
2500:	20.26	.418	21.14	19.48	45	195.06	2.677	201.06	190.73	45
3000:	22.61	.432	23.51	21.81	44	260.81	3.253	267.90	256.04	44
3500:	24.88	.457	25.81	24.09	40	335.83	3.930	345.20	329.97	40
4000:	27.14	.466	28.08	26.40	38	422.22	4.605	433.86	414.87	38
4100:	27.58	.450	28.53	26.86	36	441.00	4.444	453.05	434.19	36
4200:	27.96	.466	28.99	27.32	27	459.85	4.688	472.48	453.34	27

SEPTEMBER

STD PRESS	OXYGEN MEAN	OXYGEN S.D.	OXYGEN MAX	OXYGEN MIN	OXYGEN N	SOUND MEAN	SOUND S.D.	SOUND MAX	SOUND MIN	SOUND N
0:	6.29	.197	6.83	5.73	96	1496	3.3	1505	1485	275
10:	6.31	.199	6.89	5.67	96	1496	3.3	1505	1485	275
20:	6.32	.197	6.81	5.61	96	1496	3.2	1505	1485	274
30:	6.38	.229	6.90	5.81	96	1494	5.2	1504	1470	275
50:	7.01	.259	7.55	6.32	95	1476	4.4	1493	1468	275
75:	7.01	.179	7.48	6.43	95	1471	2.9	1478	1466	273
100:	6.85	.265	7.36	5.77	95	1470	2.8	1476	1465	272
125:	5.89	.672	7.18	4.02	95	1469	1.8	1474	1466	272
150:	4.67	.766	6.44	3.17	95	1470	2.0	1475	1465	272
175:	3.88	.636	5.03	2.50	95	1470	2.2	1475	1465	272
200:	3.33	.568	4.32	1.93	95	1470	2.0	1475	1465	272
225:	2.88	.522	3.85	1.63	95	1470	1.7	1474	1466	272
250:	2.50	.506	3.58	1.21	95	1470	1.5	1473	1467	272
300:	1.89	.418	2.60	.91	93	1470	1.1	1473	1468	261
400:	1.28	.277	1.90	.69	84	1471	.7	1473	1470	187
500:	.92	.185	1.43	.55	70	1472	.5	1473	1471	154
600:	.75	.151	1.27	.44	68	1473	.5	1474	1473	148
700:	.68	.128	1.12	.36	67	1474	.5	1475	1474	146
800:	.63	.113	.99	.35	67	1475	.5	1476	1475	146
900:	.62	.107	.93	.34	67	1476	.5	1477	1476	145
1000:	.61	.111	1.03	.36	66	1477	.4	1478	1477	143
1200:	.64	.116	.94	.32	61	1479	.1	1480	1479	140
1500:	.85	.132	1.37	.63	53	1483	.3	1484	1483	109
2000:	1.42	.089	1.60	1.21	46	1490	.4	1491	1490	52
2500:	2.00	.143	2.20	1.45	42	1498	.0	1498	1498	45
3000:	2.58	.133	2.77	2.03	41	1506	.0	1506	1506	44
3500:	2.97	.118	3.16	2.61	39	1514	.0	1514	1514	40
4000:	3.21	.137	3.52	2.78	36	1522	.2	1523	1522	38
4100:	3.23	.175	3.42	2.45	31	1524	.4	1525	1524	36
4200:	3.30	.116	3.61	3.08	26	1526	.0	1526	1526	27

SEPTEMBER

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.710	.4048	12.710	11.035	142
10:	11.371	.3906	12.331	10.702	142
20:	11.033	.3767	11.953	10.367	142
30:	10.701	.3621	11.584	10.071	142
50:	10.143	.3331	10.990	9.565	142
75:	9.575	.3039	10.363	9.016	142
100:	9.046	.2753	9.763	8.513	142
125:	8.571	.2484	9.197	8.053	142
150:	8.177	.2272	8.712	7.682	142
175:	7.833	.2132	8.318	7.356	142
200:	7.509	.2029	7.968	7.052	142
225:	7.196	.1933	7.634	6.750	142
250:	6.891	.1837	7.308	6.473	142
300:	6.301	.1663	6.691	5.924	142
400:	5.200	.1325	5.505	4.874	142
500:	4.185	.1046	4.457	3.909	142
600:	3.241	.0798	3.460	3.016	142
700:	2.359	.0563	2.491	2.192	142
800:	1.529	.0355	1.622	1.425	142
900:	.745	.0169	.795	.697	142
1000:	.000	.0003	.003	.000	142
1200:	-1.393	.0303	-1.311	-1.475	140
1500:	-3.286	.0723	-3.078	-3.500	109
2000:	-6.056	.0919	-5.825	-6.253	52
2500:	-8.562	.1121	-8.392	-8.843	45
3000:	-10.907	.1324	-10.718	-11.256	44
3500:	-13.166	.1447	-12.953	-13.504	40
4000:	-15.424	.1628	-15.192	-15.823	38
4100:	-15.879	.1603	-15.648	-16.287	36
4200:	-16.318	.1661	-16.101	-16.747	27

OCTOBER

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	10.87	1.100	13.90	7.70	195	32.527	.0854	32.810	32.320	195
10:	10.85	1.090	13.98	7.77	195	32.527	.0804	32.760	32.375	195
20:	10.84	1.087	13.96	7.78	195	32.528	.0796	32.760	32.376	195
30:	10.76	1.029	13.65	7.74	195	32.533	.0808	32.760	32.374	195
50:	8.62	1.713	12.19	5.39	195	32.624	.1244	32.938	32.392	195
75:	5.74	.822	9.90	4.46	194	32.755	.1035	33.008	32.495	194
100:	5.03	.592	7.25	3.89	194	32.850	.1163	33.260	32.620	194
125:	4.75	.468	6.01	3.73	194	33.218	.1986	33.659	32.686	194
150:	4.68	.478	6.46	3.48	194	33.572	.1656	33.817	32.803	194
175:	4.57	.510	6.47	3.44	194	33.723	.0994	33.880	33.071	194
200:	4.41	.465	6.33	3.53	194	33.783	.0624	33.903	33.341	194
225:	4.27	.402	6.10	3.52	194	33.815	.0456	33.930	33.579	194
250:	4.15	.348	5.87	3.43	194	33.844	.0378	33.950	33.728	194
300:	3.98	.258	5.34	3.47	182	33.901	.0366	34.010	33.795	182
400:	3.81	.178	4.61	3.52	136	34.016	.0340	34.087	33.920	136
500:	3.69	.136	4.19	3.48	114	34.112	.0281	34.166	34.030	114
600:	3.52	.105	3.87	3.33	111	34.188	.0250	34.236	34.110	111
700:	3.35	.078	3.61	3.17	110	34.249	.0236	34.299	34.170	110
800:	3.19	.063	3.39	3.02	110	34.301	.0212	34.340	34.225	110
900:	3.03	.054	3.19	2.87	110	34.343	.0193	34.377	34.270	110
1000:	2.89	.048	3.01	2.74	110	34.379	.0186	34.419	34.307	110
1200:	2.63	.038	2.74	2.52	108	34.438	.0171	34.479	34.373	108
1500:	2.33	.062	2.83	2.25	92	34.506	.0206	34.545	34.428	92
2000:	1.96	.026	2.07	1.91	44	34.583	.0066	34.594	34.562	44
2500:	1.74	.014	1.77	1.71	36	34.624	.0099	34.634	34.595	36
3000:	1.60	.015	1.63	1.58	36	34.650	.0133	34.668	34.603	36
3500:	1.53	.009	1.55	1.52	36	34.670	.0073	34.683	34.650	36
4000:	1.51	.027	1.54	1.42	32	34.680	.0058	34.690	34.659	32
4100:	1.52	.010	1.54	1.50	26	34.681	.0067	34.689	34.663	26
4200:	1.53	.014	1.56	1.50	19	34.682	.0104	34.697	34.656	19

OCTOBER

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	24.892	.2027	25.391	24.295	195	306.9	19.30	363.8	259.4	195
10:	24.895	.2019	25.375	24.265	195	306.8	19.24	367.0	261.2	195
20:	24.897	.2019	25.380	24.268	195	306.8	19.26	366.9	260.9	195
30:	24.916	.1918	25.389	24.340	195	305.2	18.31	360.3	260.1	195
50:	25.326	.3252	26.022	24.652	195	266.5	31.09	330.8	200.0	195
75:	25.832	.1543	26.111	25.149	194	218.3	14.77	283.7	191.7	194
100:	25.992	.1246	26.322	25.684	194	203.3	11.91	232.7	171.9	194
125:	26.314	.1581	26.665	25.915	194	172.9	15.00	210.7	139.5	194
150:	26.602	.1278	26.796	26.031	194	145.9	12.11	199.7	127.3	194
175:	26.732	.0746	26.852	26.259	194	133.7	7.12	178.3	122.5	194
200:	26.798	.0546	26.934	26.475	194	127.7	5.28	158.1	114.5	194
225:	26.839	.0466	26.958	26.665	194	124.0	4.56	140.3	112.5	194
250:	26.875	.0426	26.971	26.730	194	120.7	4.18	135.5	111.4	194
300:	26.937	.0405	27.016	26.793	182	115.2	3.95	129.7	107.8	182
400:	27.046	.0354	27.106	26.928	136	105.5	3.45	117.4	99.7	136
500:	27.134	.0313	27.186	27.038	114	97.9	3.08	107.5	92.7	114
600:	27.211	.0276	27.259	27.132	111	91.2	2.71	98.8	86.6	111
700:	27.276	.0242	27.318	27.204	110	85.6	2.38	92.5	81.6	110
800:	27.333	.0215	27.371	27.260	110	80.7	2.11	87.7	76.8	110
900:	27.380	.0189	27.416	27.313	110	76.5	1.87	83.1	73.0	110
1000:	27.422	.0178	27.458	27.360	110	72.9	1.74	78.9	69.3	110
1200:	27.492	.0158	27.525	27.435	108	66.9	1.54	72.3	63.9	108
1500:	27.572	.0188	27.602	27.502	92	60.0	1.88	68.3	57.2	92
2000:	27.663	.0063	27.673	27.643	44	52.2	.66	54.6	51.0	44
2500:	27.712	.0082	27.721	27.689	36	48.3	.77	50.5	47.4	36
3000:	27.743	.0108	27.757	27.706	36	46.1	1.00	49.4	44.9	36
3500:	27.764	.0061	27.776	27.748	36	45.1	.55	46.6	43.9	36
4000:	27.774	.0049	27.782	27.757	32	45.3	.51	46.8	43.9	32
4100:	27.774	.0052	27.782	27.761	26	45.6	.45	46.7	44.9	26
4200:	27.775	.0078	27.787	27.755	19	45.9	.60	47.4	44.9	19

OCTOBER

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	10.87	1.100	13.90	7.70	195	306.9	19.30	363.8	259.4	195
10:	10.85	1.090	13.98	7.77	195	306.6	19.22	366.7	261.0	195
20:	10.84	1.087	13.95	7.78	195	306.4	19.22	366.3	260.5	195
30:	10.76	1.029	13.64	7.73	195	304.6	18.26	359.5	259.6	195
50:	8.61	1.711	12.19	5.39	195	265.5	30.93	329.7	199.5	195
75:	5.74	.822	9.89	4.45	194	217.5	14.64	282.3	191.0	194
100:	5.02	.592	7.24	3.88	194	202.3	11.83	231.5	170.9	194
125:	4.74	.468	6.00	3.72	194	171.7	15.01	209.6	138.3	194
150:	4.67	.477	6.45	3.47	194	144.3	12.13	198.5	125.9	194
175:	4.56	.509	6.46	3.43	194	131.9	7.07	176.8	120.6	194
200:	4.40	.463	6.31	3.51	194	125.7	5.17	156.4	112.8	194
225:	4.25	.402	6.08	3.50	194	121.8	4.41	138.3	110.5	194
250:	4.13	.347	5.85	3.41	194	118.4	4.03	132.1	109.3	194
300:	3.96	.258	5.32	3.45	182	112.5	3.83	126.0	105.0	182
400:	3.78	.177	4.58	3.49	136	102.0	3.35	113.2	96.4	136
500:	3.65	.135	4.15	3.44	114	93.6	2.96	102.7	88.7	114
600:	3.48	.105	3.82	3.28	111	86.3	2.60	93.7	81.8	111
700:	3.30	.077	3.56	3.12	110	80.1	2.29	86.9	76.1	110
800:	3.13	.063	3.33	2.97	110	74.7	2.03	81.6	71.1	110
900:	2.97	.053	3.13	2.81	110	70.1	1.79	76.5	66.8	110
1000:	2.82	.048	2.94	2.67	110	66.1	1.68	72.0	62.8	110
1200:	2.55	.037	2.66	2.44	108	59.4	1.49	64.7	56.3	108
1500:	2.23	.061	2.72	2.15	92	51.7	1.78	58.2	48.8	92
2000:	1.82	.024	1.93	1.78	44	42.8	.59	44.7	41.9	44
2500:	1.57	.013	1.59	1.54	36	38.0	.77	40.1	37.1	36
3000:	1.38	.015	1.41	1.36	36	34.7	1.03	38.3	33.4	36
3500:	1.26	.009	1.28	1.25	36	32.4	.58	34.0	31.3	36
4000:	1.19	.020	1.21	1.10	32	31.2	.46	32.8	30.4	32
4100:	1.18	.009	1.20	1.16	26	31.1	.50	32.4	30.4	26
4200:	1.18	.014	1.21	1.15	19	31.0	.73	32.8	29.8	19

OCTOBER

STD PRESS	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
0:	.00	.000	.00	.00	195	.00	.000	.00	.00	195
10:	.31	.020	.37	.26	195	.02	.004	.02	.01	195
20:	.61	.039	.73	.52	195	.06	.005	.07	.05	195
30:	.92	.058	1.11	.78	195	.14	.010	.17	.12	195
50:	1.50	.085	1.73	1.29	195	.38	.024	.44	.33	195
75:	2.11	.109	2.38	1.82	194	.76	.049	.89	.65	194
100:	2.63	.129	2.96	2.29	194	1.23	.070	1.41	1.07	194
125:	3.10	.146	3.47	2.69	194	1.77	.096	1.99	1.54	194
150:	3.50	.167	3.94	3.05	194	2.32	.134	2.65	2.04	194
175:	3.85	.183	4.36	3.38	194	2.90	.166	3.35	2.57	194
200:	4.18	.194	4.72	3.70	194	3.52	.190	4.10	3.15	194
225:	4.49	.202	5.04	4.01	194	4.20	.211	4.91	3.76	194
250:	4.79	.209	5.35	4.31	194	4.94	.233	5.71	4.44	194
300:	5.40	.223	5.95	4.90	182	6.61	.279	7.41	5.99	182
400:	6.49	.247	7.07	5.98	136	10.53	.380	11.47	9.73	136
500:	7.52	.283	8.09	6.98	114	15.20	.529	16.57	14.20	114
600:	8.45	.300	9.03	7.91	111	20.48	.676	22.33	19.36	111
700:	9.33	.315	9.98	8.78	110	26.31	.805	28.60	25.04	110
800:	10.16	.332	10.88	9.60	110	32.66	.961	35.46	31.15	110
900:	10.94	.346	11.72	10.37	110	39.46	1.117	42.81	37.72	110
1000:	11.69	.359	12.54	11.10	110	46.70	1.274	50.68	44.72	110
1200:	13.09	.384	14.04	12.45	108	62.34	1.602	67.52	59.71	108
1500:	14.97	.426	16.10	14.30	92	88.36	2.290	95.87	84.55	92
2000:	17.73	.418	18.71	17.06	44	137.88	2.310	143.57	133.63	44
2500:	20.23	.433	21.21	19.52	36	195.22	2.838	200.98	190.45	36
3000:	22.59	.455	23.58	21.84	36	261.19	3.730	270.24	255.91	36
3500:	24.86	.470	25.86	24.08	36	336.43	4.602	346.89	330.30	36
4000:	27.08	.481	28.13	26.31	32	422.22	5.001	434.17	415.64	32
4100:	27.56	.473	28.59	26.76	26	440.73	4.458	453.42	434.29	26
4200:	28.00	.531	29.04	27.21	19	459.89	3.958	467.74	453.47	19

OCTOBER

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	6.41	.206	7.25	5.87	78	1490	3.9	1501	1479	195
10:	6.38	.219	7.52	5.69	78	1490	3.9	1501	1479	195
20:	6.37	.176	6.77	5.45	78	1490	3.9	1501	1479	195
30:	6.39	.215	7.00	5.05	78	1490	3.7	1500	1479	195
50:	6.68	.305	7.17	5.64	78	1482	6.4	1496	1470	195
75:	6.89	.242	7.24	5.35	77	1472	3.2	1488	1467	194
100:	6.78	.365	7.25	5.24	77	1469	2.4	1479	1465	194
125:	5.90	.709	7.22	3.53	77	1469	2.0	1475	1465	194
150:	4.71	.824	6.87	2.45	77	1470	2.1	1478	1465	194
175:	3.93	.716	5.79	2.18	77	1470	2.2	1478	1465	194
200:	3.35	.592	4.64	1.71	77	1470	2.0	1478	1466	194
225:	2.90	.529	3.85	1.32	77	1470	1.7	1478	1467	194
250:	2.61	.480	3.46	1.10	77	1469	1.5	1477	1467	194
300:	1.93	.368	2.62	.87	75	1470	1.1	1476	1468	182
400:	1.30	.244	1.79	.74	62	1471	.9	1475	1470	136
500:	.98	.178	1.42	.62	58	1472	.6	1475	1472	114
600:	.83	.138	1.18	.57	57	1473	.5	1475	1473	111
700:	.74	.115	1.03	.56	57	1474	.5	1476	1474	110
800:	.68	.118	.97	.50	57	1475	.5	1476	1475	110
900:	.67	.126	1.03	.48	57	1476	.5	1477	1476	110
1000:	.66	.136	1.13	.43	56	1477	.4	1478	1477	110
1200:	.69	.129	1.02	.46	54	1479	.1	1480	1479	108
1500:	.91	.143	1.27	.68	45	1483	.3	1486	1483	92
2000:	1.45	.096	1.68	1.29	37	1490	.4	1491	1490	44
2500:	2.06	.106	2.26	1.73	35	1498	.0	1498	1498	36
3000:	2.62	.140	2.89	2.28	35	1506	.0	1506	1506	36
3500:	3.03	.117	3.31	2.82	33	1514	.0	1514	1514	36
4000:	3.30	.131	3.65	3.08	27	1522	.2	1523	1522	32
4100:	3.34	.104	3.52	3.06	22	1524	.4	1525	1524	26
4200:	3.29	.091	3.43	3.10	11	1526	.0	1526	1526	19

OCTOBER

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.697	.3601	12.536	11.095	108
10:	11.390	.3563	12.249	10.780	108
20:	11.083	.3535	11.960	10.466	108
30:	10.776	.3517	11.670	10.136	108
50:	10.196	.3333	11.091	9.589	108
75:	9.591	.2990	10.427	9.080	108
100:	9.066	.2755	9.853	8.600	108
125:	8.592	.2544	9.342	8.174	108
150:	8.193	.2345	8.907	7.811	108
175:	7.845	.2198	8.536	7.490	108
200:	7.519	.2092	8.173	7.186	108
225:	7.205	.1995	7.822	6.892	108
250:	6.899	.1905	7.493	6.605	108
300:	6.309	.1737	6.864	6.046	108
400:	5.207	.1392	5.641	4.993	108
500:	4.191	.1090	4.545	4.012	108
600:	3.247	.0831	3.525	3.100	108
700:	2.364	.0590	2.559	2.254	108
800:	1.533	.0370	1.661	1.463	108
900:	.748	.0178	.813	.714	108
1000:	.000	.0000	.000	.000	108
1200:	-1.393	.0336	-1.319	-1.510	108
1500:	-3.286	.0834	-3.125	-3.576	92
2000:	-6.074	.0854	-5.910	-6.249	44
2500:	-8.572	.1087	-8.389	-8.811	36
3000:	-10.926	.1421	-10.726	-11.324	36
3500:	-13.198	.1689	-12.980	-13.640	36
4000:	-15.438	.1805	-15.212	-15.896	32
4100:	-15.879	.1537	-15.664	-16.321	26
4200:	-16.326	.1344	-16.117	-16.580	19

NOVEMBER

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	8.44	.921	10.22	6.20	257	32.549	.1037	32.848	32.340	257
10:	8.45	.913	10.19	6.30	257	32.549	.0964	32.812	32.380	257
20:	8.44	.910	10.19	6.29	257	32.552	.0941	32.797	32.380	257
30:	8.43	.914	10.18	6.29	257	32.554	.0945	32.792	32.380	257
50:	8.39	.917	10.17	6.29	257	32.559	.0969	32.817	32.382	257
75:	6.54	.975	8.86	4.36	256	32.703	.1079	33.146	32.450	256
100:	5.17	.590	7.35	3.95	257	32.911	.1501	33.452	32.560	257
125:	4.90	.533	6.46	3.87	257	33.337	.1877	33.762	32.806	257
150:	4.89	.595	6.57	3.47	255	33.646	.1189	33.837	33.071	255
175:	4.81	.620	6.43	3.34	254	33.767	.0589	33.895	33.544	254
200:	4.63	.590	6.28	3.36	254	33.809	.0460	33.950	33.658	254
225:	4.46	.531	6.06	3.36	254	33.932	.0375	33.920	33.704	254
250:	4.31	.475	5.90	3.36	253	33.855	.0312	33.950	33.742	253
300:	4.10	.351	5.47	3.42	251	33.902	.0251	33.982	33.826	251
400:	3.87	.206	4.63	3.45	165	34.016	.0295	34.100	33.928	165
500:	3.73	.145	4.19	3.40	154	34.110	.0285	34.182	34.030	154
600:	3.57	.114	3.90	3.20	151	34.187	.0265	34.250	34.120	151
700:	3.38	.093	3.65	3.01	149	34.250	.0256	34.320	34.176	149
800:	3.20	.079	3.44	2.81	148	34.299	.0243	34.370	34.212	148
900:	3.04	.070	3.23	2.67	148	34.342	.0220	34.414	34.288	148
1000:	2.89	.062	3.07	2.54	147	34.379	.0196	34.444	34.335	147
1200:	2.63	.059	2.83	2.31	145	34.441	.0175	34.514	34.398	145
1500:	2.33	.054	2.57	2.20	117	34.510	.0216	34.569	34.453	117
2000:	1.96	.019	1.99	1.91	33	34.585	.0095	34.601	34.553	33
2500:	1.75	.019	1.78	1.71	23	34.626	.0073	34.641	34.609	23
3000:	1.60	.015	1.63	1.57	23	34.652	.0081	34.670	34.634	23
3500:	1.54	.011	1.56	1.51	23	34.671	.0062	34.682	34.660	23
4000:	1.52	.013	1.54	1.48	23	34.679	.0094	34.695	34.649	23
4100:	1.52	.012	1.54	1.49	21	34.680	.0095	34.697	34.653	21
4200:	1.51	.037	1.53	1.37	17	34.679	.0138	34.696	34.631	17

NOVEMBER

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.305	.2001	25.809	24.931	257	267.6	19.04	303.3	219.7	257
10:	25.304	.1944	25.770	24.931	257	267.9	18.51	303.5	223.6	257
20:	25.309	.1920	25.768	24.935	257	267.6	18.29	303.2	223.8	257
30:	25.311	.1929	25.768	24.934	257	267.5	18.40	303.5	224.0	257
50:	25.320	.1955	25.771	24.937	257	267.0	18.68	303.6	223.9	257
75:	25.690	.1922	26.149	25.232	256	231.9	18.41	275.8	188.3	256
100:	26.024	.1466	26.412	25.475	257	200.3	13.99	252.8	163.6	257
125:	26.392	.1410	26.709	25.974	257	165.6	13.38	205.3	135.6	257
150:	26.636	.0924	26.794	26.268	255	142.7	8.82	177.3	127.6	255
175:	26.740	.0549	26.862	26.576	254	133.1	5.38	148.9	121.4	254
200:	26.793	.0472	26.902	26.633	254	128.2	4.69	144.2	117.7	254
225:	26.831	.0447	26.934	26.672	254	124.8	4.47	140.7	114.8	254
250:	26.865	.0441	26.960	26.702	253	121.7	4.42	138.0	112.6	253
300:	26.925	.0413	27.019	26.780	251	116.4	4.12	130.6	107.2	251
400:	27.040	.0376	27.123	26.934	165	106.2	3.71	116.9	98.1	165
500:	27.128	.0338	27.205	27.038	154	98.5	3.33	107.5	91.0	154
600:	27.206	.0295	27.270	27.126	151	91.8	2.90	99.7	85.4	151
700:	27.274	.0263	27.338	27.189	149	85.9	2.59	94.2	79.4	149
800:	27.330	.0243	27.391	27.250	148	81.0	2.38	88.8	75.2	148
900:	27.379	.0212	27.440	27.327	148	76.7	2.08	81.9	70.9	148
1000:	27.422	.0185	27.477	27.384	147	73.0	1.83	76.8	67.7	147
1200:	27.494	.0165	27.554	27.457	145	66.8	1.64	70.3	61.1	145
1500:	27.574	.0182	27.623	27.530	117	59.8	1.76	63.9	55.0	117
2000:	27.665	.0083	27.678	27.640	33	52.0	.80	54.2	50.7	33
2500:	27.714	.0065	27.726	27.699	23	48.2	.61	49.5	47.1	23
3000:	27.746	.0064	27.760	27.733	23	45.9	.57	46.8	44.7	23
3500:	27.765	.0050	27.774	27.757	23	45.0	.48	45.8	44.3	23
4000:	27.773	.0077	27.786	27.748	23	45.5	.71	47.8	44.3	23
4100:	27.773	.0077	27.788	27.751	21	45.7	.68	47.7	44.3	21
4200:	27.773	.0090	27.787	27.745	17	45.9	.51	46.9	44.8	17

NOVEMBER

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	8.44	.921	10.22	6.20	257	267.6	19.04	303.3	219.7	257
10:	8.45	.913	10.19	6.30	257	267.7	18.49	303.2	223.5	257
20:	8.44	.910	10.18	6.29	257	267.3	18.26	302.8	223.6	257
30:	8.43	.914	10.18	6.29	257	267.0	18.34	302.9	223.6	257
50:	8.39	.915	10.16	6.28	257	266.1	18.59	302.5	223.3	257
75:	6.53	.975	8.85	4.35	256	230.9	18.27	274.5	187.3	256
100:	5.16	.589	7.34	3.94	257	199.2	13.92	251.3	162.4	257
125:	4.89	.533	6.45	3.86	257	164.3	13.39	203.9	134.2	257
150:	4.88	.594	6.56	3.46	255	141.1	8.76	176.1	126.1	255
175:	4.80	.620	6.42	3.33	254	131.2	5.19	146.7	119.7	254
200:	4.62	.588	6.26	3.35	254	126.1	4.46	141.3	115.9	254
225:	4.44	.530	6.06	3.34	254	122.5	4.22	137.6	112.8	254
250:	4.29	.474	5.88	3.34	253	119.3	4.17	134.7	110.3	253
300:	4.08	.351	5.45	3.40	251	113.6	3.90	127.3	104.7	251
400:	3.84	.206	4.60	3.42	165	102.6	3.56	112.6	94.8	165
500:	3.70	.144	4.15	3.37	154	94.2	3.20	102.7	86.9	154
600:	3.52	.113	3.85	3.16	151	86.8	2.78	94.3	80.7	151
700:	3.33	.092	3.60	2.96	149	80.3	2.49	88.3	74.2	149
800:	3.15	.078	3.38	2.76	148	74.9	2.29	82.4	69.2	148
900:	2.98	.069	3.17	2.62	148	70.2	2.00	75.1	64.4	148
1000:	2.82	.062	3.00	2.47	147	66.1	1.75	69.7	60.9	147
1200:	2.55	.058	2.75	2.23	145	59.2	1.55	62.7	53.5	145
1500:	2.23	.054	2.47	2.10	117	51.5	1.72	55.7	46.9	117
2000:	1.82	.019	1.85	1.77	33	42.7	.78	45.0	41.5	33
2500:	1.57	.016	1.60	1.54	23	37.8	.59	39.1	36.6	23
3000:	1.38	.014	1.41	1.35	23	34.5	.60	35.7	33.2	23
3500:	1.27	.010	1.28	1.24	23	32.3	.50	33.2	31.5	23
4000:	1.20	.013	1.22	1.16	23	31.3	.73	33.6	30.1	23
4100:	1.19	.010	1.20	1.16	21	31.2	.73	33.3	29.8	21
4200:	1.16	.035	1.18	1.03	17	31.1	.86	33.9	29.8	17

NOVEMBER

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	DELTA D N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	POT. ENERGY N
0:	.00	.000	.00	.00	257	.00	.000	.00	.00	257
10:	.27	.019	.31	.22	257	.01	.002	.02	.01	257
20:	.54	.037	.61	.45	257	.06	.005	.06	.05	257
30:	.80	.055	.92	.67	257	.12	.009	.14	.10	257
50:	1.34	.092	1.54	1.12	257	.34	.024	.40	.29	257
75:	1.97	.119	2.21	1.68	256	.74	.042	.87	.64	256
100:	2.51	.136	2.74	2.16	257	1.22	.065	1.35	1.04	257
125:	2.97	.156	3.22	2.53	257	1.75	.095	1.93	1.46	257
150:	3.35	.174	3.67	2.86	255	2.28	.128	2.58	1.92	255
175:	3.70	.186	4.06	3.18	254	2.85	.150	3.21	2.45	254
200:	4.02	.194	4.41	3.49	254	3.47	.167	3.89	3.05	254
225:	4.34	.201	4.73	3.79	254	4.16	.185	4.61	3.70	254
250:	4.65	.208	5.06	4.09	253	4.90	.205	5.39	4.41	253
300:	5.24	.223	5.68	4.66	251	6.57	.254	7.18	5.97	251
400:	6.30	.246	6.88	5.75	165	10.47	.365	11.41	9.73	165
500:	7.33	.269	7.95	6.73	154	15.17	.512	16.45	14.08	154
600:	8.28	.295	8.94	7.64	151	20.50	.676	22.23	19.00	151
700:	9.16	.315	9.85	8.48	149	26.37	.846	28.65	24.42	149
800:	10.00	.333	10.70	9.28	148	32.74	1.024	35.67	30.43	148
900:	10.79	.350	11.53	10.02	148	39.56	1.198	43.05	36.84	148
1000:	11.53	.365	12.32	10.72	147	46.80	1.370	50.67	43.61	147
1200:	12.92	.394	13.78	12.03	145	62.40	1.729	67.04	58.07	145
1500:	14.81	.437	15.73	13.79	117	88.39	2.403	93.87	82.31	117
2000:	17.51	.477	18.54	16.75	33	137.45	2.884	144.36	133.31	33
2500:	20.12	.508	21.04	19.38	23	195.52	3.304	201.87	189.19	23
3000:	22.46	.522	23.40	21.72	23	261.15	3.739	268.35	254.82	23
3500:	24.73	.533	25.69	24.02	23	336.22	4.237	344.16	328.64	23
4000:	26.98	.538	27.96	26.26	23	422.39	4.673	430.70	413.95	23
4100:	27.42	.532	28.41	26.72	21	441.18	4.779	449.48	432.67	21
4200:	27.95	.564	28.87	27.18	17	461.54	4.719	469.08	451.68	17

NOVEMBER

STD PRESS	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
0:	6.76	.257	7.27	5.82	55	1481	3.5	1488	1473	257
10:	6.74	.219	7.14	6.11	55	1481	3.5	1488	1473	257
20:	6.73	.209	7.17	6.22	55	1481	3.4	1488	1474	257
30:	6.75	.207	7.14	6.28	55	1481	3.4	1488	1474	257
50:	6.74	.232	7.17	5.92	55	1482	3.5	1489	1474	257
75:	6.79	.205	7.21	6.39	55	1475	3.8	1484	1467	256
100:	6.57	.471	7.22	5.12	55	1470	2.4	1479	1465	257
125:	5.46	.852	7.06	2.82	55	1470	2.3	1477	1466	257
150:	4.28	.783	6.24	2.23	53	1471	2.6	1478	1465	255
175:	3.57	.619	4.86	2.08	53	1471	2.6	1478	1465	254
200:	3.11	.523	4.40	2.02	53	1471	2.5	1478	1466	254
225:	2.73	.464	3.87	1.78	53	1470	2.2	1478	1466	254
250:	2.38	.415	3.17	1.38	52	1470	2.0	1477	1467	253
300:	1.82	.381	2.41	1.05	51	1470	1.5	1476	1468	251
400:	1.25	.290	1.76	.75	48	1471	.9	1475	1470	165
500:	.91	.188	1.22	.61	41	1472	.6	1475	1471	154
600:	.79	.145	1.14	.53	39	1473	.5	1475	1472	151
700:	.70	.105	.95	.45	38	1474	.5	1476	1473	149
800:	.62	.105	.87	.30	38	1475	.5	1477	1474	148
900:	.59	.102	.82	.25	38	1476	.5	1477	1475	148
1000:	.57	.123	.81	.21	38	1477	.4	1479	1476	147
1200:	.61	.117	.82	.32	36	1479	.2	1481	1479	145
1500:	.79	.096	.96	.63	34	1483	.4	1485	1483	117
2000:	1.41	.087	1.67	1.26	29	1490	.5	1491	1490	33
2500:	2.06	.082	2.19	1.91	22	1498	.0	1498	1498	23
3000:	2.51	.542	2.86	.13	22	1506	.0	1506	1506	23
3500:	3.02	.112	3.27	2.80	22	1514	.0	1514	1514	23
4000:	3.25	.112	3.47	2.98	21	1523	.0	1523	1523	23
4100:	3.28	.123	3.50	3.01	18	1524	.4	1525	1524	21
4200:	3.26	.143	3.50	2.92	13	1525	.2	1526	1525	17

NOVEMBER

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.532	.3679	12.315	10.724	145
10:	11.266	.3573	12.046	10.485	145
20:	11.000	.3473	11.776	10.227	145
30:	10.734	.3377	11.506	9.969	145
50:	10.202	.3208	10.968	9.451	145
75:	9.577	.3009	10.302	8.860	145
100:	9.046	.2839	9.781	8.400	145
125:	8.596	.2689	9.352	7.999	145
150:	8.217	.2550	8.968	7.665	145
175:	7.877	.2430	8.600	7.346	145
200:	7.553	.2325	8.243	7.042	145
225:	7.239	.2220	7.895	6.746	145
250:	6.932	.2120	7.557	6.460	145
300:	6.341	.1929	6.902	5.910	145
400:	5.229	.1566	5.680	4.875	145
500:	4.207	.1220	4.559	3.924	145
600:	3.256	.0923	3.527	3.029	145
700:	2.369	.0661	2.556	2.200	145
800:	1.535	.0412	1.640	1.423	145
900:	.748	.0196	.792	.695	145
1000:	.000	.0000	.000	.000	145
1200:	-1.391	.0361	-1.284	-1.468	145
1500:	-3.281	.0853	-3.018	-3.456	117
2000:	-6.049	.1006	-5.884	-6.287	33
2500:	-8.580	.1161	-8.319	-8.808	23
3000:	-10.921	.1340	-10.659	-11.206	23
3500:	-13.187	.1490	-12.902	-13.494	23
4000:	-15.441	.1619	-15.133	-15.754	23
4100:	-15.898	.1671	-15.587	-16.212	21
4200:	-16.387	.1683	-16.036	-16.675	17

DECEMBER

STD PRESS	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
0:	6.80	.711	8.50	4.80	228	32.612	.1061	32.912	32.420	228
10:	6.82	.690	8.65	5.21	228	32.608	.0974	32.830	32.430	228
20:	6.81	.688	8.64	5.23	228	32.610	.0966	32.830	32.430	228
30:	6.81	.689	8.64	5.22	227	32.610	.0956	32.824	32.430	227
50:	6.80	.691	8.66	5.21	228	32.611	.0953	32.811	32.430	228
75:	6.63	.721	8.24	4.70	228	32.633	.1014	32.880	32.440	228
100:	5.43	.863	7.83	3.92	228	32.864	.1600	33.328	32.470	228
125:	4.79	.512	6.32	3.54	228	33.313	.2064	33.670	32.604	228
150:	4.74	.484	6.48	3.39	228	33.630	.1387	33.830	32.760	228
175:	4.62	.489	6.39	3.36	228	33.753	.0714	33.880	33.328	228
200:	4.46	.460	6.17	3.38	228	33.860	.0467	33.960	33.613	228
225:	4.31	.410	5.89	3.46	228	33.829	.0348	33.910	33.715	228
250:	4.18	.350	5.50	3.44	228	33.853	.0275	33.925	33.749	228
300:	4.02	.252	4.93	3.48	226	33.909	.0239	33.990	33.837	226
400:	3.83	.173	4.43	3.47	171	34.020	.0281	34.116	33.963	171
500:	3.71	.121	4.05	3.47	157	34.112	.0232	34.160	34.050	157
600:	3.54	.094	3.80	3.33	151	34.186	.0216	34.246	34.113	151
700:	3.36	.076	3.54	3.19	148	34.248	.0210	34.296	34.178	148
800:	3.19	.061	3.34	3.04	148	34.300	.0198	34.352	34.206	148
900:	3.03	.052	3.15	2.88	148	34.343	.0165	34.393	34.298	148
1000:	2.88	.043	2.98	2.74	148	34.379	.0136	34.422	34.338	148
1200:	2.62	.032	2.69	2.49	148	34.439	.0143	34.485	34.384	148
1500:	2.30	.039	2.36	2.14	115	34.507	.0178	34.550	34.468	115
2000:	1.95	.022	1.99	1.90	36	34.584	.0105	34.614	34.559	36
2500:	1.75	.019	1.80	1.72	31	34.624	.0131	34.645	34.591	31
3000:	1.60	.015	1.64	1.57	31	34.653	.0129	34.672	34.614	31
3500:	1.54	.012	1.57	1.52	31	34.671	.0094	34.689	34.645	31
4000:	1.52	.009	1.54	1.50	30	34.680	.0079	34.698	34.664	30
4100:	1.52	.007	1.54	1.51	28	34.680	.0093	34.700	34.664	28
4200:	1.52	.009	1.54	1.51	22	34.682	.0115	34.702	34.647	22

DECEMBER

STD PRESS	SIGMA T MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
0:	25.587	.1547	25.961	25.298	228	240.8	14.71	268.3	205.3	228
10:	25.583	.1487	25.894	25.302	228	241.4	14.15	268.1	211.7	228
20:	25.584	.1481	25.894	25.304	228	241.4	14.11	268.0	211.9	228
30:	25.585	.1477	25.890	25.308	227	241.4	14.08	267.8	212.4	227
50:	25.587	.1477	25.878	25.306	228	241.5	14.11	268.3	213.7	228
75:	25.626	.1544	25.995	25.334	228	238.1	14.77	266.0	202.8	228
100:	25.954	.2035	26.399	25.407	228	207.0	19.47	259.4	164.7	228
125:	26.384	.1682	26.706	25.756	228	166.3	15.97	226.0	135.7	228
150:	26.641	.1072	26.797	25.906	228	142.2	10.18	211.9	127.2	228
175:	26.751	.0536	26.867	26.443	228	131.9	5.17	161.0	120.6	228
200:	26.806	.0378	26.879	26.667	228	126.9	3.73	140.8	119.8	228
225:	26.845	.0342	26.924	26.705	228	123.4	3.40	137.5	115.7	228
250:	26.878	.0335	26.970	26.744	228	120.4	3.34	133.8	111.5	228
300:	26.940	.0308	27.026	26.840	226	114.9	3.05	125.0	106.6	226
400:	27.047	.0321	27.139	26.952	171	105.5	3.15	115.0	96.6	171
500:	27.132	.0249	27.181	27.052	157	98.1	2.45	106.0	93.2	157
600:	27.208	.0234	27.271	27.126	151	91.5	2.31	99.6	85.4	151
700:	27.274	.0213	27.325	27.203	148	85.7	2.09	92.7	80.8	148
800:	27.332	.0195	27.386	27.257	148	80.8	1.91	87.8	75.4	148
900:	27.381	.0162	27.434	27.336	148	76.5	1.60	80.9	71.2	148
1000:	27.423	.0132	27.470	27.385	148	72.8	1.30	76.6	68.1	148
1200:	27.494	.0126	27.541	27.452	148	66.7	1.21	70.5	61.9	148
1500:	27.575	.0159	27.619	27.542	115	59.7	1.56	62.7	55.0	115
2000:	27.664	.0089	27.687	27.641	36	52.1	.88	54.4	50.0	36
2500:	27.712	.0114	27.730	27.685	31	48.4	1.11	50.8	46.6	31
3000:	27.746	.0108	27.762	27.714	31	45.9	1.01	48.8	44.4	31
3500:	27.766	.0080	27.781	27.744	31	45.0	.74	46.9	43.5	31
4000:	27.774	.0064	27.787	27.761	30	45.4	.55	46.7	44.2	30
4100:	27.774	.0072	27.789	27.762	28	45.7	.62	46.7	44.3	28
4200:	27.775	.0091	27.791	27.748	22	45.8	.76	48.0	44.4	22

DECEMBER

STD PRESS	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
0:	6.80	.711	8.50	4.80	228	240.8	14.70	268.3	205.3	228
10:	6.82	.689	8.65	5.21	228	241.2	14.14	268.0	211.6	228
20:	6.81	.688	8.64	5.23	228	241.1	14.08	267.7	211.6	228
30:	6.81	.689	8.64	5.22	227	241.0	14.04	267.3	212.0	227
50:	6.80	.691	8.65	5.21	228	240.8	14.04	267.5	213.1	228
75:	6.62	.721	8.23	4.69	228	237.1	14.68	264.6	202.0	228
100:	5.42	.862	7.82	3.91	228	205.9	19.31	257.8	163.7	228
125:	4.78	.511	6.31	3.53	228	165.0	15.96	224.7	134.5	228
150:	4.73	.483	6.46	3.39	228	140.6	10.17	210.4	125.8	228
175:	4.61	.489	6.37	3.35	228	130.1	5.08	159.4	119.1	226
200:	4.44	.458	6.15	3.37	228	124.9	3.57	138.0	118.0	228
225:	4.29	.409	5.87	3.44	228	121.2	3.23	134.5	113.7	228
250:	4.16	.350	5.48	3.42	228	118.0	3.17	130.7	109.3	228
300:	4.00	.252	4.91	3.46	226	112.2	2.91	121.6	104.0	226
400:	3.81	.172	4.40	3.44	171	102.0	3.04	110.9	93.2	171
500:	3.67	.119	4.01	3.44	157	93.8	2.36	101.4	89.2	157
600:	3.50	.094	3.76	3.29	151	86.6	2.22	94.3	80.6	151
700:	3.31	.076	3.49	3.15	148	80.2	2.02	87.0	75.5	148
800:	3.13	.060	3.28	2.99	148	74.7	1.84	81.9	69.6	148
900:	2.97	.052	3.09	2.82	148	70.0	1.53	74.3	65.0	148
1000:	2.81	.043	2.92	2.67	148	66.0	1.24	69.6	61.6	148
1200:	2.54	.032	2.61	2.41	148	59.2	1.19	63.2	54.7	148
1500:	2.20	.038	2.26	2.04	115	51.4	1.51	54.5	47.3	115
2000:	1.82	.021	1.86	1.77	36	42.8	.85	44.9	40.5	36
2500:	1.57	.019	1.62	1.54	31	38.0	1.07	40.5	36.3	31
3000:	1.38	.015	1.42	1.35	31	34.5	1.03	37.5	33.0	31
3500:	1.26	.012	1.30	1.25	31	32.3	.76	34.4	30.9	31
4000:	1.20	.010	1.22	1.17	30	31.2	.60	32.4	29.9	30
4100:	1.19	.006	1.20	1.18	28	31.1	.69	32.3	29.7	28
4200:	1.17	.009	1.19	1.16	22	30.9	.87	33.5	29.4	22

DECEMBER

STD PRESS	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	DELTA D N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	POT. ENERGY N
0:	.00	.000	.00	.00	228	.00	.000	.00	.00	228
10:	.24	.014	.27	.21	228	.01	.001	.02	.01	228
20:	.48	.029	.54	.42	228	.05	.003	.06	.04	228
30:	.72	.042	.80	.64	227	.11	.007	.12	.10	227
50:	1.21	.070	1.34	1.06	228	.31	.018	.34	.27	228
75:	1.81	.105	2.00	1.60	228	.70	.041	.79	.61	228
100:	2.37	.131	2.61	2.11	228	1.19	.067	1.34	1.06	228
125:	2.84	.151	3.15	2.51	228	1.72	.100	1.96	1.52	228
150:	3.22	.168	3.56	2.87	228	2.26	.135	2.60	1.99	228
175:	3.56	.179	3.89	3.19	228	2.83	.157	3.35	2.51	228
200:	3.89	.186	4.23	3.50	228	3.44	.173	4.06	3.10	228
225:	4.20	.193	4.54	3.81	228	4.12	.188	4.77	3.74	228
250:	4.50	.199	4.85	4.10	228	4.86	.203	5.53	4.46	228
300:	5.09	.210	5.46	4.68	226	6.50	.235	7.21	6.02	226
400:	6.18	.230	6.56	5.74	171	10.41	.325	11.18	9.63	171
500:	7.20	.251	7.67	6.72	157	15.10	.434	16.22	14.13	157
600:	8.14	.271	8.70	7.62	151	20.39	.558	22.01	19.27	151
700:	9.03	.290	9.66	8.45	148	26.25	.693	28.36	24.82	148
800:	9.86	.305	10.56	9.23	148	32.61	.833	35.22	30.79	148
900:	10.65	.319	11.40	9.96	148	39.42	.968	42.48	37.11	148
1000:	11.39	.329	12.16	10.66	148	46.64	1.086	50.10	43.87	148
1200:	12.78	.343	13.64	11.95	148	62.25	1.296	66.42	58.38	148
1500:	14.59	.341	15.55	13.71	115	87.99	1.592	92.66	82.51	115
2000:	17.35	.402	18.29	16.68	36	137.52	2.536	143.59	133.21	36
2500:	19.85	.441	20.82	19.08	31	194.75	3.442	202.18	188.29	31
3000:	22.20	.471	23.20	21.38	31	260.61	4.624	271.07	252.60	31
3500:	24.46	.494	25.49	23.58	31	335.55	5.767	349.52	325.40	31
4000:	26.70	.507	27.76	25.78	30	421.49	6.446	438.68	409.29	30
4100:	27.16	.523	28.21	26.22	28	440.07	6.659	457.94	427.56	28
4200:	27.55	.537	28.66	26.67	22	456.81	6.459	470.07	446.33	22

DECEMBER

STD PRESS	OXYGEN MEAN	OXYGEN S.D.	OXYGEN MAX	OXYGEN MIN	OXYGEN N	SOUND MEAN	SOUND S.D.	SOUND MAX	SOUND MIN	SOUND N
0:	6.96	.177	7.42	6.57	64	1475	2.8	1482	1467	228
10:	6.96	.160	7.37	6.53	64	1475	2.7	1483	1469	228
20:	6.94	.170	7.33	6.54	64	1475	2.7	1483	1469	228
30:	6.95	.164	7.33	6.52	64	1475	2.6	1483	1469	227
50:	6.93	.165	7.22	6.49	64	1475	2.7	1483	1469	228
75:	6.93	.186	7.23	6.39	64	1475	2.8	1482	1468	228
100:	6.71	.432	7.43	5.15	64	1471	3.4	1481	1465	228
125:	5.89	.777	7.13	3.21	64	1469	2.2	1477	1465	228
150:	4.76	.750	6.65	2.54	64	1470	2.1	1478	1465	228
175:	3.95	.672	5.84	2.12	64	1470	2.1	1478	1465	228
200:	3.40	.645	6.00	1.76	64	1470	2.0	1478	1466	228
225:	2.95	.561	5.12	1.47	64	1470	1.7	1477	1467	228
250:	2.53	.451	3.66	1.21	63	1470	1.5	1476	1467	228
300:	1.93	.367	2.82	.92	60	1470	1.1	1474	1466	226
400:	1.30	.248	1.94	.74	52	1471	.8	1474	1470	171
500:	.95	.179	1.49	.65	45	1472	.5	1474	1472	157
600:	.81	.176	1.56	.52	42	1473	.5	1475	1473	151
700:	.74	.154	1.37	.55	40	1474	.5	1475	1474	148
800:	.69	.141	1.20	.55	40	1475	.5	1476	1475	148
900:	.65	.125	1.08	.52	40	1476	.5	1477	1476	148
1000:	.63	.122	1.12	.48	39	1477	.4	1478	1477	148
1200:	.67	.135	1.34	.51	38	1479	.1	1480	1479	148
1500:	.88	.175	1.66	.71	34	1483	.4	1484	1483	115
2000:	1.45	.140	2.07	1.23	32	1490	.5	1491	1490	36
2500:	2.04	.121	2.45	1.84	28	1498	.0	1498	1498	31
3000:	2.58	.136	2.93	2.22	28	1506	.0	1506	1506	31
3500:	3.00	.101	3.39	2.84	26	1514	.0	1514	1514	31
4000:	3.24	.095	3.56	2.98	25	1523	.0	1523	1523	30
4100:	3.29	.088	3.60	3.15	24	1524	.4	1525	1524	28
4200:	3.29	.125	3.67	3.06	17	1526	.0	1526	1526	22

DECEMBER

DELTA -DH

STD PRESS	MEAN	S.D.	MAX	MIN	N
0:	11.392	.3291	12.185	10.658	146
10:	11.150	.3181	11.927	10.431	146
20:	10.909	.3073	11.669	10.263	148
30:	10.666	.2977	11.410	9.981	147
50:	10.184	.2775	10.892	9.530	148
75:	9.578	.2577	10.252	8.953	148
100:	9.024	.2327	9.691	8.478	148
125:	8.561	.2120	9.237	8.085	148
150:	8.181	.1969	8.846	7.751	148
175:	7.843	.1870	8.482	7.439	148
200:	7.521	.1769	8.127	7.127	146
225:	7.210	.1704	7.779	6.834	146
250:	6.905	.1625	7.443	6.541	148
300:	6.315	.1475	6.799	5.974	148
400:	5.215	.1187	5.617	4.914	148
500:	4.196	.0934	4.515	3.931	148
600:	3.249	.0711	3.482	3.047	148
700:	2.364	.0504	2.523	2.210	148
800:	1.532	.0312	1.626	1.429	148
900:	.746	.0144	.787	.699	148
1000:	.000	.0000	.000	.000	148
1200:	-1.392	.0259	-1.294	-1.475	148
1500:	-3.275	.0617	-3.050	-3.431	115
2000:	-6.065	.1052	-5.898	-6.303	36
2500:	-8.559	.1453	-8.296	-8.933	31
3000:	-10.909	.1911	-10.591	-11.360	31
3500:	-13.171	.2269	-12.788	-13.728	31
4000:	-15.414	.2407	-14.981	-16.061	30
4100:	-15.860	.2452	-15.423	-16.527	28
4200:	-16.302	.2328	-15.867	-16.743	22

Table 4. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA-DH, ACC. POT., OXYGEN and SOUND on σ_t - surfaces, using all data.

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.2:	14.32	.218	14.63	13.66	30	32.492	.0521	32.566	32.305	30
24.4:	13.33	.222	14.04	12.70	171	32.497	.0452	32.715	32.390	171
24.6:	12.40	.324	13.14	11.66	352	32.532	.0608	32.744	32.393	352
24.8:	11.41	.397	12.87	10.50	663	32.565	.0752	32.880	32.397	663
25.0:	10.36	.462	11.90	9.22	927	32.595	.0865	32.900	32.401	927
25.2:	9.24	.460	10.79	8.05	1246	32.615	.0896	32.920	32.408	1246
25.4:	8.07	.446	9.67	6.97	1721	32.630	.0920	32.948	32.420	1721
25.6:	6.91	.434	8.40	5.80	2304	32.663	.0840	32.973	32.487	2304
25.8:	5.83	.403	7.35	4.44	3213	32.734	.0667	32.996	32.526	3213
26.0:	5.11	.462	6.48	4.01	3745	32.881	.0705	33.092	32.725	3745
26.2:	4.85	.462	6.12	3.42	3743	33.098	.0682	33.293	32.907	3743
26.4:	4.74	.435	6.21	3.75	3743	33.333	.0616	33.551	33.199	3743
26.6:	4.69	.452	6.53	3.49	3737	33.574	.0627	33.853	33.415	3737
26.8:	4.40	.353	5.63	3.19	3625	33.784	.0469	33.961	33.633	3625
27.0:	3.87	.153	4.52	3.40	2510	33.968	.0194	34.054	33.911	2510
27.2:	3.55	.061	3.78	3.29	2177	34.179	.0074	34.206	34.146	2177
27.4:	2.97	.047	3.22	2.55	2133	34.360	.0055	34.390	34.315	2133
	DEPTH					SVA				
24.2:	15	8.8	31	1	30	373.3	.21	373.6	372.9	30
24.4:	22	8.6	36	0	171	354.3	.18	354.5	353.8	171
24.6:	24	8.7	40	0	352	335.2	.17	335.7	334.7	352
24.8:	28	8.9	59	0	663	316.2	.19	316.8	315.6	663
25.0:	32	9.9	69	1	927	297.1	.20	298.1	296.5	927
25.2:	35	12.8	76	0	1246	278.1	.22	279.0	277.4	1246
25.4:	41	15.3	88	0	1721	259.1	.23	259.9	258.4	1721
25.6:	54	20.0	108	0	2304	240.2	.25	241.0	239.6	2304
25.8:	77	22.0	145	0	3213	221.4	.23	222.0	220.5	3213
26.0:	100	15.4	153	0	3745	202.5	.17	203.0	201.6	3745
26.2:	115	10.8	168	52	3743	183.6	.15	184.1	183.1	3743
26.4:	126	11.5	190	92	3743	164.7	.17	165.4	164.2	3743
26.6:	142	13.2	218	104	3737	146.0	.21	147.1	145.4	3737
26.8:	194	22.2	303	134	3625	127.4	.30	129.1	126.7	3625
27.0:	347	30.3	462	239	2510	109.5	.33	110.9	108.6	2510
27.2:	575	34.1	789	469	2177	92.2	.28	93.3	91.3	2177
27.4:	927	40.4	1233	784	2133	74.8	.21	76.1	73.8	2133

STD SIGMA T	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
24.2:	14.32	.218	14.62	13.65	30	372.1	1.93	372.8	363.3	30
24.4:	13.33	.223	14.04	12.72	171	352.5	1.91	353.8	344.1	171
24.6:	12.40	.324	13.14	11.66	352	332.7	3.10	336.2	322.1	352
24.8:	11.41	.397	12.87	10.50	663	312.8	3.53	320.7	298.3	663
25.0:	10.36	.462	11.90	9.21	927	293.0	3.85	311.0	280.8	927
25.2:	9.24	.461	10.79	8.04	1246	274.1	3.50	284.1	261.2	1246
25.4:	8.07	.446	9.66	6.97	1721	256.0	2.76	261.8	244.1	1721
25.6:	6.90	.435	8.39	5.80	2304	238.1	1.83	239.8	229.1	2304
25.8:	5.82	.403	7.34	4.44	3213	219.8	.86	220.6	213.4	3213
26.0:	5.10	.462	6.47	4.00	3745	200.8	.67	201.6	197.9	3745
26.2:	4.84	.462	6.11	3.41	3743	181.7	.61	182.5	179.5	3743
26.4:	4.73	.435	6.20	3.74	3743	163.0	.43	163.5	161.0	3743
26.6:	4.68	.451	6.52	3.48	3737	144.2	.20	144.6	142.9	3737
26.8:	4.39	.352	5.62	3.18	3625	125.4	.05	125.6	125.1	3625
27.0:	3.84	.152	4.49	3.38	2510	106.2	.13	106.5	105.8	2510
27.2:	3.51	.060	3.74	3.23	2177	87.3	.06	87.4	87.1	2177
27.4:	2.90	.049	3.17	2.46	2133	68.2	.04	68.3	67.9	2133

STD SIGMA T	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	DELTA D N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	POT. ENERGY N
24.2:	.61	.340	1.21	.03	30	.06	.055	.19	.00	30
24.4:	.84	.317	1.32	.00	171	.11	.065	.24	.00	171
24.6:	.87	.320	1.42	.01	352	.12	.070	.30	.00	352
24.8:	.98	.315	1.94	.00	663	.16	.086	.59	.00	663
25.0:	1.05	.338	2.19	.02	927	.19	.107	.77	.00	927
25.2:	1.12	.410	2.31	.00	1246	.23	.140	.89	.00	1246
25.4:	1.23	.458	2.46	.00	1721	.29	.195	1.04	.00	1721
25.6:	1.51	.542	2.85	.00	2304	.46	.305	1.48	.00	2304
25.8:	1.98	.547	3.35	.00	3213	.82	.397	2.48	.00	3213
26.0:	2.42	.407	3.66	.00	3745	1.23	.333	2.71	.00	3745
26.2:	2.71	.325	4.02	1.07	3743	1.54	.296	3.10	.27	3743
26.4:	2.91	.340	4.38	1.88	3743	1.78	.333	3.82	.87	3743
26.6:	3.15	.369	4.77	2.08	3737	2.12	.400	4.63	1.05	3737
26.8:	3.85	.483	5.70	2.55	3625	3.34	.731	7.25	1.59	3625
27.0:	5.66	.554	7.61	4.09	2510	8.40	1.452	14.70	4.39	2510
27.2:	7.96	.577	10.40	6.27	2177	19.29	2.398	34.94	12.59	2177
27.4:	10.91	.605	13.47	9.11	2133	41.92	3.889	71.97	29.90	2133

STD SIGMA T	DELTA -DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
24.2:	11.633	.2363	12.169	11.325	20	12.270	.1814	12.696	11.791	20
24.4:	11.300	.2439	11.831	10.558	93	12.077	.2744	12.645	11.120	93
24.6:	11.049	.2976	11.713	10.125	189	11.855	.3376	12.590	10.798	189
24.8:	10.771	.3475	11.906	10.000	355	11.665	.3560	12.526	10.730	355
25.0:	10.610	.3505	12.056	9.825	478	11.562	.3452	12.456	10.679	478
25.2:	10.519	.3850	11.926	9.606	653	11.500	.3329	12.479	10.632	653
25.4:	10.336	.4097	12.108	9.356	894	11.440	.3135	12.363	10.527	894
25.6:	9.985	.4126	11.685	8.880	1205	11.341	.2920	12.231	10.479	1205
25.8:	9.471	.4121	11.386	8.517	1748	11.208	.2555	12.069	10.417	1748
26.0:	8.975	.2638	10.756	8.208	2108	11.013	.2369	11.870	10.326	2108
26.2:	8.682	.2206	10.261	7.953	2117	10.805	.2264	11.639	10.181	2117
26.4:	8.483	.2185	9.447	7.725	2117	10.576	.2172	11.414	9.956	2117
26.6:	8.240	.2064	9.052	7.432	2117	10.325	.2077	11.169	9.709	2117
26.8:	7.555	.1814	8.067	6.865	2123	10.029	.1898	10.772	9.431	2123
27.0:	5.697	.2095	6.483	4.912	2117	9.555	.1489	10.100	9.032	2117
27.2:	3.402	.2449	4.129	1.718	2117	8.758	.0948	9.148	8.412	2117
27.4:	.461	.2968	1.460	-1.935	2117	7.469	.0296	7.583	7.328	2117
	OXYGEN					SOUND				
24.2:	6.21	.210	6.59	6.02	6	1502	.9	1504	1500	30
24.4:	6.36	.193	6.76	5.89	41	1499	.8	1502	1497	171
24.6:	6.43	.168	6.88	6.10	104	1496	1.1	1499	1494	352
24.8:	6.52	.231	7.12	5.22	238	1492	1.5	1498	1489	663
25.0:	6.68	.232	7.23	5.67	308	1489	1.7	1495	1485	927
25.2:	6.81	.258	7.40	5.33	367	1485	1.8	1491	1480	1246
25.4:	6.92	.260	7.54	5.25	438	1480	1.8	1487	1476	1721
25.6:	7.01	.254	7.61	5.18	559	1476	1.8	1482	1472	2304
25.8:	6.99	.271	7.66	5.21	818	1472	1.7	1479	1467	3213
26.0:	6.78	.363	8.02	5.31	986	1470	2.1	1476	1465	3745
26.2:	6.20	.376	7.42	4.36	986	1469	2.0	1475	1464	3743
26.4:	5.48	.428	7.15	3.41	986	1469	1.9	1476	1466	3743
26.6:	4.65	.513	6.29	2.11	984	1470	2.0	1478	1465	3737
26.8:	3.35	.467	5.34	1.36	978	1470	1.7	1476	1465	3625
27.0:	1.55	.311	2.76	.01	905	1470	1.1	1475	1468	2510
27.2:	.82	.159	1.33	.01	711	1473	.7	1476	1471	2177
27.4:	.62	.112	1.31	.01	696	1476	.6	1480	1475	2133

Table 5. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA-DH, ACC. POT., OXYGEN and SOUND on σ_t - surfaces, by months.

JANUARY

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.4:	7.21	.059	7.29	7.11	17	32.440	.0096	32.454	32.428	17
25.6:	6.60	.132	6.88	6.14	55	32.605	.0245	32.647	32.518	55
25.8:	5.80	.334	6.81	4.81	223	32.729	.0550	32.883	32.575	223
26.0:	5.30	.425	6.48	4.24	283	32.912	.0646	33.092	32.764	283
26.2:	4.94	.506	6.12	3.62	283	33.114	.0748	33.293	32.930	283
26.4:	4.77	.466	6.01	3.80	283	33.337	.0662	33.519	33.201	283
26.6:	4.70	.450	5.95	3.54	283	33.577	.0623	33.757	33.429	283
26.8:	4.39	.347	5.26	3.32	281	33.782	.0460	33.906	33.648	281
27.0:	3.85	.148	4.23	3.47	207	33.966	.0188	34.013	33.917	207
27.2:	3.54	.066	3.67	3.29	187	34.178	.0081	34.194	34.146	187
27.4:	2.95	.062	3.09	2.73	185	34.359	.0070	34.374	34.336	185

STD SIGMA T	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
25.4:	37	29.0	75	2	17	259.1	.38	259.6	258.6	17
25.6:	85	12.1	104	18	55	240.6	.15	240.8	239.8	55
25.8:	94	16.0	130	10	223	221.5	.19	221.9	220.7	223
26.0:	105	12.3	149	76	283	202.5	.17	203.0	202.2	283
26.2:	115	11.9	161	86	283	183.6	.18	184.1	183.1	283
26.4:	126	12.7	176	92	283	164.7	.19	165.4	164.2	283
26.6:	143	14.0	192	104	283	146.0	.22	146.8	145.4	283
26.8:	195	24.0	265	136	281	127.4	.31	128.5	126.7	281
27.0:	350	30.2	442	276	207	109.5	.33	110.6	108.7	207
27.2:	578	38.7	789	498	187	92.2	.30	93.2	91.5	187
27.4:	932	46.9	1097	817	185	74.8	.20	75.2	74.3	185

JANUARY

STD SIGMA T	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
25.4:	7.21	.057	7.28	7.11	17	258.5	.10	258.6	258.2	17
25.6:	6.59	.132	6.87	6.13	55	238.4	.71	239.5	237.3	55
25.8:	5.79	.334	6.80	4.80	223	219.7	.69	220.5	217.4	223
26.0:	5.29	.424	6.47	4.23	283	200.5	.67	201.5	198.4	283
26.2:	4.94	.506	6.11	3.61	283	181.6	.67	182.5	180.1	283
26.4:	4.76	.465	6.00	3.79	283	163.0	.39	163.5	161.5	283
26.6:	4.69	.449	5.93	3.53	283	144.2	.18	144.5	143.6	283
26.8:	4.37	.346	5.24	3.31	281	125.4	.05	125.5	125.3	281
27.0:	3.82	.147	4.20	3.45	207	106.2	.12	106.5	106.0	207
27.2:	3.50	.066	3.63	3.23	187	87.3	.05	87.4	87.2	187
27.4:	2.89	.064	3.03	2.66	185	68.2	.05	68.3	68.0	185
	DELTA D					POT. ENERGY				
25.4:	.99	.765	1.98	.04	17	.30	.338	.77	.00	17
25.6:	2.16	.323	2.73	.46	55	.96	.233	1.47	.04	55
25.8:	2.23	.394	3.07	.22	223	1.11	.340	2.06	.01	223
26.0:	2.42	.310	3.37	1.62	283	1.32	.316	2.57	.64	283
26.2:	2.61	.296	3.60	1.83	283	1.53	.326	2.93	.80	283
26.4:	2.81	.305	3.85	1.95	283	1.78	.364	3.37	.91	283
26.6:	3.07	.327	4.11	2.13	283	2.15	.426	3.85	1.09	283
26.8:	3.78	.463	4.97	2.55	281	3.40	.791	5.85	1.60	281
27.0:	5.60	.532	6.99	4.28	207	8.52	1.468	13.44	5.17	207
27.2:	7.92	.596	10.40	6.74	187	19.52	2.705	34.94	14.48	187
27.4:	10.88	.648	12.66	9.46	185	42.36	4.469	58.40	32.37	185

JANUARY

STD SIGMA T	DELTA -DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
25.4:	10.600	.7960	11.750	9.727	13	11.750	.0671	11.905	11.635	13
25.6:	9.485	.3081	10.917	8.955	39	11.556	.1264	11.858	11.240	39
25.8:	9.226	.2738	10.599	8.630	144	11.267	.2488	12.044	10.602	144
26.0:	8.903	.2311	9.634	8.355	183	11.026	.2530	11.832	10.448	183
26.2:	8.706	.2154	9.443	8.061	183	10.818	.2423	11.594	10.290	183
26.4:	8.510	.2076	9.178	7.837	183	10.591	.2313	11.334	10.119	183
26.6:	8.251	.1984	8.779	7.609	183	10.340	.2197	11.046	9.902	183
26.8:	7.548	.1768	7.989	7.125	183	10.044	.2030	10.683	9.632	183
27.0:	5.675	.1951	6.200	4.968	183	9.565	.1611	10.069	9.208	183
27.2:	3.382	.2772	3.975	1.718	183	8.765	.1070	9.136	8.501	183
27.4:	.428	.3467	1.230	-.825	183	7.468	.0305	7.522	7.363	183

STD SIGMA T	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
25.4:	----- N/A -----				1	1477	.8	1478	1476	17
25.6:	6.75	.157	6.96	6.52	5	1475	.7	1477	1474	55
25.8:	6.88	.237	7.34	6.10	72	1472	1.5	1477	1469	223
26.0:	6.60	.321	7.25	5.59	90	1471	1.9	1476	1467	283
26.2:	6.14	.381	7.15	5.22	90	1470	2.2	1475	1464	283
26.4:	5.49	.434	7.15	4.18	90	1469	2.1	1475	1466	283
26.6:	4.69	.479	6.16	3.60	90	1470	2.0	1476	1465	283
26.8:	3.36	.502	4.79	2.09	90	1470	1.7	1475	1465	281
27.0:	1.55	.343	2.31	.75	82	1470	1.1	1474	1468	207
27.2:	.81	.165	1.26	.34	69	1473	.8	1476	1472	187
27.4:	.64	.125	.99	.29	66	1476	.7	1479	1476	185

FEBRUARY

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.6:	6.38	.138	6.53	6.01	65	32.559	.0225	32.585	32.499	65
25.8:	5.73	.307	6.43	4.83	182	32.718	.0529	32.818	32.578	182
26.0:	5.24	.398	5.99	4.20	287	32.902	.0638	33.018	32.756	287
26.2:	5.00	.417	5.93	3.61	281	33.123	.0626	33.248	32.926	281
26.4:	4.82	.406	5.81	3.79	281	33.345	.0576	33.482	33.205	281
26.6:	4.72	.400	5.52	3.51	281	33.579	.0542	33.690	33.422	281
26.8:	4.42	.312	4.87	3.30	280	33.787	.0409	33.849	33.646	280
27.0:	3.86	.142	4.07	3.47	194	33.967	.0182	33.995	33.917	194
27.2:	3.65	.058	3.68	3.40	174	34.179	.0071	34.194	34.159	174
27.4:	2.96	.042	3.06	2.80	171	34.360	.0049	34.371	34.341	171
		DEPTH					SVA			
25.6:	82	21.1	105	6	65	240.6	.26	240.8	239.6	65
25.8:	93	20.7	125	0	182	221.5	.22	221.9	220.5	182
26.0:	105	16.9	148	6	287	202.5	.18	202.9	201.6	287
26.2:	116	11.5	155	52	281	183.6	.14	184.1	183.2	281
26.4:	125	11.2	163	95	281	164.7	.15	165.2	164.3	281
26.6:	140	12.2	171	109	281	145.9	.18	146.4	145.5	281
26.8:	193	18.9	259	143	280	127.4	.26	128.2	126.8	280
27.0:	345	28.0	407	270	194	109.5	.31	110.1	108.8	194
27.2:	574	32.5	729	493	174	92.1	.27	93.1	91.5	174
27.4:	928	33.7	1116	848	171	74.8	.19	76.1	74.4	171

FEBRUARY

STD SIGMA T	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
25.6:	6.37	.137	6.52	6.01	65	239.2	.19	239.5	238.8	65
25.8:	5.72	.306	6.42	4.82	182	219.7	.73	220.5	217.8	182
26.0:	5.23	.398	5.98	4.19	287	200.5	.84	201.6	198.4	287
26.2:	4.99	.417	5.92	3.60	281	181.4	.70	182.5	179.7	281
26.4:	4.81	.406	5.81	3.78	281	162.8	.49	163.5	161.0	281
26.6:	4.71	.400	5.51	3.50	281	144.2	.20	144.5	142.9	281
26.8:	4.41	.311	4.86	3.29	280	125.4	.05	125.5	125.3	280
27.0:	3.83	.140	4.04	3.45	194	106.2	.12	106.5	106.0	194
27.2:	3.51	.058	3.64	3.35	174	87.3	.05	87.4	87.1	174
27.4:	2.90	.043	3.00	2.73	171	68.2	.04	68.3	67.9	171
	DELTA D					POT. ENERGY				
25.6:	2.02	.517	2.57	.14	65	.91	.341	1.39	.00	65
25.8:	2.18	.500	2.86	.00	182	1.10	.357	1.83	.00	182
26.0:	2.38	.407	3.19	.13	287	1.32	.342	2.43	.00	287
26.2:	2.59	.276	3.32	1.07	281	1.54	.296	2.64	.27	281
26.4:	2.75	.265	3.45	1.88	281	1.74	.313	2.85	.89	281
26.6:	2.98	.282	3.58	2.28	281	2.05	.354	3.06	1.20	281
26.8:	3.69	.373	4.75	2.70	280	3.28	.611	5.54	1.85	280
27.0:	5.47	.460	6.33	4.41	194	8.23	1.275	11.19	5.43	194
27.2:	7.80	.488	9.07	6.48	174	19.17	2.218	29.28	13.86	174
27.4:	10.75	.465	12.32	9.56	171	41.88	3.242	60.38	34.38	171

FEBRUARY

STD SIGMA T	DELTA -DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
25.6:	9.496	.5688	11.058	8.880	34	11.434	.1671	11.802	10.965	34
25.8:	9.258	.4775	11.329	8.751	106	11.260	.1822	11.604	10.755	106
26.0:	8.879	.3237	10.756	8.208	172	10.994	.2026	11.410	10.487	172
26.2:	8.673	.2360	10.261	8.009	170	10.786	.1936	11.214	10.298	170
26.4:	8.506	.2017	9.447	7.725	170	10.561	.1863	11.076	10.096	170
26.6:	8.272	.1846	8.723	7.555	170	10.315	.1781	10.852	9.881	170
26.8:	7.570	.1464	7.979	7.191	171	10.022	.1647	10.516	9.640	171
27.0:	5.713	.1827	6.257	5.333	170	9.553	.1324	9.997	9.238	170
27.2:	3.419	.2376	4.028	2.302	170	8.758	.0861	9.148	8.550	170
27.4:	.457	.2485	1.032	-.996	170	7.469	.0252	7.583	7.400	170
	OXYGEN					SOUND				
25.6:	6.96	.075	7.12	6.82	12	1474	.8	1476	1472	65
25.8:	6.90	.218	7.26	6.34	39	1472	1.5	1476	1468	182
26.0:	6.71	.363	7.46	5.65	77	1470	1.8	1474	1466	287
26.2:	6.11	.302	6.93	5.40	71	1470	1.8	1473	1464	281
26.4:	5.49	.343	6.77	4.87	71	1470	1.8	1474	1466	281
26.6:	4.70	.358	6.06	3.93	71	1470	1.7	1474	1465	281
26.8:	3.37	.373	4.12	2.46	70	1470	1.5	1472	1465	280
27.0:	1.53	.297	2.03	.97	66	1470	1.0	1472	1468	194
27.2:	.81	.139	1.20	.56	52	1473	.7	1475	1472	174
27.4:	.62	.090	.85	.40	50	1476	.5	1480	1476	171

MARCH

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.6:	6.24	.044	6.35	6.15	47	32.534	.0080	32.553	32.520	47
25.8:	5.66	.258	6.00	4.75	202	32.708	.0433	32.776	32.569	202
26.0:	5.16	.434	6.24	4.15	385	32.892	.0683	33.052	32.744	385
26.2:	4.99	.399	6.07	4.07	396	33.123	.0600	33.288	32.987	396
26.4:	4.88	.375	5.95	3.96	396	33.353	.0531	33.511	33.227	396
26.6:	4.80	.386	5.81	3.71	396	33.589	.0530	33.737	33.451	396
26.8:	4.47	.296	5.14	3.57	396	33.793	.0391	33.887	33.672	396
27.0:	3.90	.146	4.22	3.47	278	33.973	.0184	34.012	33.920	278
27.2:	3.57	.049	3.70	3.43	254	34.180	.0058	34.196	34.165	254
27.4:	2.97	.040	3.11	2.74	251	34.361	.0048	34.377	34.336	251

	DEPTH					SVA				
25.6:	74	26.7	103	5	47	240.4	.31	240.8	239.6	47
25.8:	96	13.4	117	2	202	221.5	.15	221.9	220.6	202
26.0:	104	14.7	146	3	385	202.5	.16	203.0	201.6	385
26.2:	115	9.7	157	89	396	183.6	.14	184.1	183.3	396
26.4:	124	10.4	165	97	396	164.7	.16	165.3	164.3	396
26.6:	140	12.4	178	107	396	146.0	.19	146.7	145.5	396
26.8:	195	19.3	248	146	396	127.5	.26	128.2	126.9	396
27.0:	349	28.1	440	271	278	109.6	.30	110.3	108.9	278
27.2:	575	30.7	685	484	254	92.2	.26	92.8	91.5	254
27.4:	927	37.1	1132	617	251	74.8	.19	75.4	74.2	251

MARCH

STD SIGMA T	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
25.6:	6.23	.045	6.34	6.15	47	239.4	.13	239.6	239.1	47
25.8:	5.65	.257	5.99	4.74	202	219.7	.60	220.6	218.4	202
26.0:	5.15	.434	6.23	4.14	385	200.5	.80	201.6	198.5	385
26.2:	4.99	.399	6.06	4.06	396	181.4	.65	182.5	179.7	396
26.4:	4.87	.375	5.94	3.95	396	162.8	.47	163.5	161.6	396
26.6:	4.78	.386	5.79	3.70	396	144.2	.20	144.5	143.2	396
26.8:	4.45	.295	5.12	3.51	396	125.4	.05	125.5	125.4	396
27.0:	3.88	.145	4.20	3.44	278	106.2	.13	106.5	106.0	278
27.2:	3.52	.048	3.66	3.39	254	87.3	.06	87.4	87.1	254
27.4:	2.91	.042	3.05	2.66	251	68.2	.04	68.3	68.0	251
		DELTA D					POT. ENERGY			
25.6:	1.81	.653	2.51	.11	47	.78	.408	1.33	.00	47
25.8:	2.26	.336	2.84	.04	202	1.14	.272	1.69	.00	202
26.0:	2.35	.361	3.07	.00	385	1.28	.296	2.29	.00	385
26.2:	2.55	.242	3.27	1.88	396	1.50	.256	2.61	.85	396
26.4:	2.71	.246	3.42	2.03	396	1.70	.283	2.86	.99	396
26.6:	2.95	.282	3.63	2.14	396	2.03	.351	3.15	1.14	396
26.8:	3.70	.384	4.56	2.59	396	3.34	.619	5.25	1.70	396
27.0:	5.49	.478	6.87	4.21	278	8.42	1.315	13.16	5.11	278
27.2:	7.78	.497	9.36	6.49	254	19.22	2.126	27.50	13.84	254
27.4:	10.73	.522	13.13	9.35	251	41.85	3.551	62.40	32.48	251

MARCH

STD SIGMA T	DELTA -DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
25.6:	10.125	.8073	11.685	9.052	20	11.502	.1700	11.799	11.105	20
25.8:	9.169	.2745	11.290	8.781	113	11.305	.1706	11.916	10.863	113
26.0:	8.922	.2865	10.611	8.224	242	11.026	.2057	11.708	10.409	242
26.2:	8.676	.2050	9.260	8.009	250	10.803	.2045	11.487	10.243	250
26.4:	8.511	.2071	9.027	7.948	250	10.576	.1968	11.247	10.019	250
26.6:	8.280	.1982	8.749	7.642	250	10.329	.1888	10.982	9.785	250
26.8:	7.552	.1659	7.907	6.950	250	10.036	.1728	10.642	9.544	250
27.0:	5.681	.1951	6.308	5.141	250	9.561	.1374	10.038	9.183	250
27.2:	3.411	.2211	4.129	2.648	250	8.761	.0874	9.058	8.524	250
27.4:	.466	.2735	1.248	-1.115	250	7.470	.0268	7.527	7.368	250

	OXYGEN					SOUND				
25.6:	7.02	.127	7.11	6.93	2	1473	.6	1475	1473	47
25.8:	7.02	.218	7.25	6.42	27	1472	1.3	1474	1468	202
26.0:	6.81	.329	7.45	5.85	87	1470	1.0	1475	1466	385
26.2:	6.17	.315	6.96	5.33	92	1470	1.7	1475	1467	396
26.4:	5.45	.402	6.51	4.69	92	1470	1.7	1475	1467	396
26.6:	4.63	.517	5.86	3.42	92	1470	1.7	1475	1466	396
26.8:	3.36	.451	4.52	2.27	91	1470	1.4	1474	1466	396
27.0:	1.55	.319	2.33	.91	84	1470	1.0	1472	1469	278
27.2:	.83	.134	1.20	.60	67	1473	.7	1475	1472	254
27.4:	.59	.098	.89	.23	64	1476	.6	1479	1475	251

APRIL

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.6:	6.60	.184	7.06	6.41	12	32.595	.0293	32.673	32.560	12
25.8:	5.49	.214	6.72	4.72	137	32.676	.0330	32.871	32.565	137
26.0:	5.04	.343	6.06	4.05	245	32.870	.0522	33.013	32.729	245
26.2:	4.83	.367	5.97	4.08	243	33.097	.0561	33.261	32.985	243
26.4:	4.72	.371	5.90	3.64	243	33.330	.0531	33.495	33.207	243
26.6:	4.62	.388	5.89	3.51	243	33.565	.0532	33.749	33.419	243
26.8:	4.35	.307	5.07	3.21	241	33.776	.0400	33.877	33.636	241
27.0:	3.84	.139	4.13	3.42	180	33.965	.0173	33.999	33.911	180
27.2:	3.55	.060	3.67	3.32	155	34.179	.0072	34.193	34.150	155
27.4:	2.97	.069	3.18	2.55	153	34.360	.0079	34.385	34.315	153
		DEPTH					SVA			
25.6:	24	15.3	47	0	12	239.9	.19	240.2	239.6	12
25.8:	89	24.6	127	2	137	221.5	.24	221.7	220.6	137
26.0:	99	24.8	133	1	245	202.4	.23	202.9	201.6	245
26.2:	116	11.3	151	83	243	183.6	.13	184.0	183.3	243
26.4:	125	12.6	181	92	243	164.7	.15	165.3	164.4	243
26.6:	140	16.2	218	104	243	145.9	.18	146.7	145.5	243
26.8:	168	21.6	262	141	241	127.3	.25	128.2	126.8	241
27.0:	345	30.1	418	266	180	109.5	.30	110.2	108.7	180
27.2:	579	36.8	694	492	155	92.2	.28	92.7	91.4	155
27.4:	928	50.7	1233	793	153	74.8	.21	75.6	74.3	153

APRIL

STD SIGMA T.	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
25.6:	6.60	.184	7.08	6.41	12	239.3	.59	239.6	237.5	12
25.8:	5.48	.215	6.72	4.71	137	220.2	.25	220.5	219.4	137
26.0:	5.03	.343	5.99	4.05	245	200.8	.61	201.6	199.4	245
26.2:	4.83	.366	5.96	4.07	243	181.6	.64	182.5	180.1	243
26.4:	4.71	.371	5.89	3.83	243	162.8	.49	163.5	161.7	243
26.6:	4.61	.368	5.88	3.50	243	144.2	.22	144.5	143.5	243
26.8:	4.34	.307	5.05	3.19	241	125.4	.06	125.5	125.1	241
27.0:	3.82	.138	4.10	3.40	180	106.2	.13	106.5	105.8	180
27.2:	3.51	.060	3.64	3.27	155	87.3	.06	87.4	87.2	155
27.4:	2.90	.072	3.13	2.46	153	68.2	.04	68.3	68.0	153
		DELTA D					POT. ENERGY			
25.6:	.60	.374	1.15	.00	12	.10	.094	.28	.00	12
25.8:	2.07	.575	2.89	.05	137	1.02	.373	1.88	.00	137
26.0:	2.20	.562	3.04	.02	245	1.18	.433	2.07	.00	245
26.2:	2.54	.289	3.17	1.73	243	1.50	.309	2.39	.72	243
26.4:	2.71	.310	3.67	1.89	243	1.72	.362	3.31	.87	243
26.6:	2.93	.363	4.24	2.08	243	2.03	.470	4.48	1.05	243
26.8:	3.58	.425	4.86	2.62	241	3.13	.693	5.98	1.76	241
27.0:	5.44	.490	6.36	4.09	180	8.22	1.382	11.54	4.81	180
27.2:	7.80	.532	9.07	6.45	155	19.42	2.500	27.20	13.79	155
27.4:	10.73	.576	13.47	9.38	153	41.96	4.767	71.97	31.07	153

APRIL

STD SIGMA T	DELTA -DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
25.6:	10.928	.3736	11.607	10.451	9	11.548	.0628	11.651	11.444	9
25.8:	9.311	.5282	11.386	8.517	86	11.279	.1767	11.577	10.862	86
26.0:	8.927	.3467	10.746	8.356	149	11.006	.2230	11.529	10.412	149
26.2:	8.644	.2227	9.419	8.086	152	10.789	.2143	11.286	10.214	152
26.4:	8.473	.2281	9.243	7.834	152	10.560	.2062	11.051	10.003	152
26.6:	8.255	.2413	9.052	7.605	152	10.311	.1987	10.830	9.781	152
26.8:	7.631	.2018	8.030	6.900	152	10.020	.1855	10.561	9.535	152
27.0:	5.732	.2181	6.483	5.234	152	9.559	.1531	10.038	9.164	152
27.2:	3.372	.2706	4.025	2.585	152	8.764	.0998	9.104	8.511	152
27.4:	.456	.3812	1.401	-1.935	152	7.467	.0291	7.561	7.353	152

STD SIGMA T	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
25.6:	----- N/A -----				1	1474	.9	1477	1474	12
25.8:	7.14	.228	7.56	6.64	28	1471	1.0	1475	1467	137
26.0:	6.94	.399	8.02	6.21	65	1469	1.6	1474	1466	245
26.2:	6.24	.454	7.41	4.36	66	1469	1.6	1475	1467	243
26.4:	5.51	.480	6.86	4.00	66	1469	1.6	1475	1466	243
26.6:	4.69	.543	6.29	3.53	66	1469	1.7	1476	1465	243
26.8:	3.34	.472	4.80	2.40	64	1469	1.5	1474	1465	241
27.0:	1.60	.308	2.24	1.01	58	1470	.9	1473	1468	180
27.2:	.86	.172	1.24	.55	48	1473	.7	1475	1472	155
27.4:	.63	.108	1.01	.43	47	1476	.7	1480	1476	153

MAY

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	----- N/A -----				1
25.4:	7.55	.199	8.12	7.25	18
25.6:	6.65	.338	8.31	6.19	98
25.8:	5.70	.325	7.00	4.92	284
26.0:	5.05	.355	5.87	4.08	348
26.2:	4.81	.354	5.72	3.94	348
26.4:	4.69	.325	5.75	3.86	348
26.6:	4.60	.336	5.80	3.54	346
26.8:	4.37	.303	5.11	3.19	330
27.0:	3.86	.138	4.18	3.40	253
27.2:	3.55	.052	3.75	3.39	230
27.4:	2.97	.042	3.13	2.83	225

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	----- N/A -----				1
25.4:	32.504	.0333	32.605	32.474	18
25.6:	32.604	.0572	32.901	32.533	98
25.8:	32.710	.0529	32.928	32.592	284
26.0:	32.869	.0545	32.998	32.731	348
26.2:	33.091	.0527	33.227	32.966	348
26.4:	33.326	.0469	33.476	33.220	348
26.6:	33.562	.0455	33.736	33.429	346
26.8:	33.781	.0396	33.883	33.633	330
27.0:	33.967	.0177	34.007	33.911	253
27.2:	34.178	.0063	34.203	34.159	230
27.4:	34.361	.0049	34.379	34.345	225

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	----- N/A -----				1
25.4:	18	11.1	33	0	18
25.6:	50	26.6	99	1	98
25.8:	70	27.5	113	0	284
26.0:	99	15.4	135	42	348
26.2:	115	11.0	154	85	348
26.4:	125	11.7	165	94	348
26.6:	138	13.1	180	107	346
26.8:	184	17.7	244	138	330
27.0:	340	27.2	404	265	253
27.2:	570	29.5	642	469	230
27.4:	921	34.6	1015	791	225

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	----- N/A -----				1
25.4:	258.9	.14	259.1	258.6	18
25.6:	240.2	.32	240.8	239.6	98
25.8:	221.3	.27	221.8	220.5	284
26.0:	202.5	.15	202.8	202.0	348
26.2:	183.6	.12	183.9	183.2	348
26.4:	164.7	.12	165.1	164.4	348
26.6:	145.9	.14	146.4	145.6	346
26.8:	127.3	.21	126.0	126.8	330
27.0:	109.5	.28	110.1	108.7	253
27.2:	92.1	.24	92.7	91.3	230
27.4:	74.8	.19	75.5	74.0	225

MAY

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	----- N/A -----				1
25.4:	7.55	.199	8.12	7.25	18
25.6:	6.65	.340	8.31	6.19	98
25.8:	5.70	.326	6.99	4.91	284
26.0:	5.04	.355	5.87	4.07	348
26.2:	4.80	.354	5.71	3.93	348
26.4:	4.68	.325	5.74	3.85	348
26.6:	4.59	.336	5.79	3.53	346
26.8:	4.36	.303	5.10	3.18	330
27.0:	3.83	.137	4.16	3.38	253
27.2:	3.51	.052	3.71	3.35	230
27.4:	2.91	.043	3.06	2.76	225

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
----- N/A -----				1
258.2	1.14	258.7	253.7	18
239.2	.36	239.8	237.9	98
220.1	.58	220.6	217.9	284
200.9	.57	201.5	198.4	348
181.7	.60	182.5	179.5	348
162.8	.48	163.5	161.6	348
144.2	.24	144.5	143.4	346
125.5	.05	125.5	125.3	330
106.2	.12	106.5	106.0	253
87.3	.06	87.4	87.1	230
68.2	.03	68.3	68.1	225

DELTA D

25.2:	----- N/A -----				1
25.4:	.50	.290	.85	.00	18
25.6:	1.26	.679	2.53	.02	98
25.8:	1.66	.674	2.66	.00	284
26.0:	2.25	.392	3.13	.87	348
26.2:	2.56	.264	3.37	1.82	348
26.4:	2.74	.272	3.57	1.98	348
26.6:	2.94	.299	3.84	2.17	346
26.8:	3.56	.374	4.64	2.63	330
27.0:	5.42	.462	6.51	4.18	253
27.2:	7.75	.468	8.91	6.27	230
27.4:	10.69	.490	11.93	9.11	225

POT. ENERGY

----- N/A -----				1
.06	.051	.14	.00	18
.41	.332	1.27	.00	98
.68	.422	1.52	.00	284
1.15	.339	2.04	.19	348
1.48	.289	2.57	.78	348
1.70	.324	2.90	.93	348
1.98	.383	3.29	1.13	346
3.01	.563	5.16	1.74	330
8.01	1.233	11.34	4.93	253
18.83	1.991	24.12	12.59	230
41.22	3.208	50.06	29.93	225

MAY

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.2:	----- N/A -----				1
25.4:	11.053	.2962	11.662	10.689	16
25.6:	10.152	.5855	11.806	9.303	76
25.8:	9.575	.5433	11.073	8.794	176
26.0:	8.938	.2445	9.874	8.313	224
26.2:	8.640	.2132	9.140	8.023	224
26.4:	8.463	.2159	8.932	7.875	224
26.6:	8.250	.2223	8.741	7.716	224
26.8:	7.609	.1659	8.023	6.979	225
27.0:	5.741	.1744	6.283	5.203	224
27.2:	3.437	.2043	4.011	2.829	224
27.4:	.506	.2528	1.420	-.186	224

ACC. POT.

MEAN	S.D.	MAX	MIN	N
----- N/A -----				1
11.520	.1477	11.732	11.223	16
11.413	.1496	11.843	11.067	76
11.163	.1999	11.822	10.608	176
10.958	.1901	11.626	10.401	224
10.752	.1787	11.351	10.189	224
10.525	.1706	11.054	9.956	224
10.279	.1639	10.740	9.709	224
9.992	.1528	10.359	9.431	225
9.531	.1235	9.792	9.062	224
8.743	.0800	8.925	8.412	224
7.465	.0269	7.547	7.330	224

OXYGEN

25.2:	----- N/A -----				0
25.4:	6.98	.161	7.21	6.79	5
25.6:	7.14	.246	7.60	6.64	29
25.8:	7.16	.285	7.86	6.43	81
26.0:	6.90	.445	8.02	5.78	96
26.2:	6.28	.409	7.42	5.37	96
26.4:	5.53	.382	6.33	4.50	96
26.6:	4.69	.418	5.54	3.71	96
26.8:	3.42	.371	4.27	2.48	95
27.0:	1.55	.788	2.19	.98	86
27.2:	.82	.172	1.25	.52	71
27.4:	.62	.094	.93	.44	69

SOUND

----- N/A -----				1
1478	.6	1480	1477	16
1475	1.3	1482	1477	98
1472	1.4	1477	1468	284
1470	1.6	1474	1466	348
1469	1.6	1473	1466	348
1469	1.3	1474	1466	348
1469	1.4	1475	1465	346
1469	1.4	1474	1465	330
1470	1.0	1472	1468	253
1473	.7	1475	1471	230
1476	.6	1479	1475	225

JUNE

TEMPERATURE

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:		----- N/A -----			1
25.2:	9.18	.379	10.47	8.36	69
25.4:	7.95	.397	9.52	7.31	286
25.6:	6.86	.434	8.37	6.12	511
25.8:	5.70	.451	7.20	4.71	553
26.0:	4.89	.486	6.07	4.05	552
26.2:	4.68	.476	5.93	3.93	552
26.4:	4.59	.448	5.91	3.91	552
26.6:	4.52	.438	5.93	3.82	549
26.8:	4.30	.391	5.50	3.60	460
27.0:	3.86	.148	4.33	3.43	275
27.2:	3.55	.047	3.76	3.41	239
27.4:	2.97	.045	3.10	2.78	222

SALINITY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:		----- N/A -----			1
25.2:	32.562	.0736	32.834	32.410	69
25.4:	32.582	.0756	32.903	32.481	286
25.6:	32.643	.0747	32.919	32.528	511
25.8:	32.709	.0699	32.973	32.562	553
26.0:	32.846	.0714	33.018	32.727	552
26.2:	33.072	.0696	33.253	32.968	552
26.4:	33.310	.0641	33.505	33.219	552
26.6:	33.551	.0614	33.755	33.465	549
26.8:	33.771	.0521	33.941	33.661	460
27.0:	33.968	.0189	34.027	33.914	275
27.2:	34.179	.0059	34.198	34.161	239
27.4:	34.361	.0053	34.376	34.341	222

DEPTH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:		----- N/A -----			1
25.2:	13	8.5	33	0	69
25.4:	27	10.8	59	1	286
25.6:	39	14.5	80	0	511
25.8:	68	18.8	110	9	553
26.0:	101	10.3	130	63	552
26.2:	116	9.0	155	87	552
26.4:	126	9.6	167	103	552
26.6:	141	10.8	185	114	549
26.8:	189	17.2	244	136	460
27.0:	343	28.7	418	239	275
27.2:	571	30.5	642	487	239
27.4:	926	41.8	1055	805	222

SVA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:		----- N/A -----			1
25.2:	277.8	.15	278.2	277.6	69
25.4:	259.0	.15	259.4	258.6	286
25.6:	240.1	.17	240.6	239.6	511
25.8:	221.3	.19	221.8	220.7	553
26.0:	202.5	.14	202.9	202.1	552
26.2:	183.6	.13	184.0	183.3	552
26.4:	164.7	.15	165.2	164.4	552
26.6:	145.9	.18	146.6	145.5	549
26.8:	127.3	.26	128.4	126.9	460
27.0:	109.5	.32	110.6	108.6	275
27.2:	92.1	.25	92.8	91.5	239
27.4:	74.8	.29	75.3	74.2	222

JUNE

THETA

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	----- N/A -----				1
25.2:	9.17	.379	10.47	8.36	69
25.4:	7.95	.397	9.51	7.31	286
25.6:	6.85	.435	8.37	6.11	511
25.8:	5.69	.451	7.20	4.71	553
26.0:	4.88	.486	6.06	4.04	552
26.2:	4.67	.476	5.92	3.92	552
26.4:	4.58	.448	5.90	3.90	552
26.6:	4.51	.438	5.92	3.81	549
26.8:	4.28	.390	5.48	3.59	460
27.0:	3.84	.146	4.30	3.41	275
27.2:	3.51	.047	3.66	3.37	239
27.4:	2.90	.047	3.04	2.71	222

SVA (THETA)

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	----- N/A -----				1
25.2:	277.0	1.59	277.6	268.2	69
25.4:	257.9	.93	258.6	252.8	286
25.6:	239.0	.68	239.6	235.0	511
25.8:	220.1	.44	220.6	218.5	553
26.0:	201.1	.52	201.5	199.2	552
26.2:	181.9	.57	182.5	180.2	552
26.4:	163.1	.43	163.5	161.6	552
26.6:	144.3	.22	144.5	143.5	549
26.8:	125.5	.05	125.5	125.3	460
27.0:	106.2	.14	106.5	105.8	275
27.2:	87.3	.06	87.4	87.2	239
27.4:	68.2	.04	68.3	68.0	222

DELTA D

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	----- N/A -----				1
25.2:	.38	.240	.96	.00	69
25.4:	.73	.292	1.63	.02	286
25.6:	1.03	.363	2.08	.01	511
25.8:	1.68	.480	2.77	.20	553
26.0:	2.39	.269	3.19	1.40	552
26.2:	2.67	.218	3.48	1.87	552
26.4:	2.86	.219	3.72	2.16	552
26.6:	3.09	.240	3.99	2.34	549
26.8:	3.73	.330	4.74	2.62	460
27.0:	5.56	.460	6.69	4.27	275
27.2:	7.86	.471	9.07	6.70	239
27.4:	10.83	.556	12.51	9.36	222

POT. ENERGY

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	----- N/A -----				1
25.2:	.04	.038	.16	.00	69
25.4:	.12	.080	.49	.00	286
25.6:	.23	.170	.83	.00	511
25.8:	.61	.310	1.53	.01	553
26.0:	1.21	.240	2.04	.43	552
26.2:	1.52	.233	2.63	.79	552
26.4:	1.75	.262	2.98	1.08	552
26.6:	2.07	.310	3.46	1.27	549
26.8:	3.17	.539	5.12	1.63	460
27.0:	8.18	1.311	11.90	4.39	275
27.2:	18.97	2.093	24.27	13.74	239
27.4:	41.69	3.921	54.02	31.21	222

JUNE

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	----- N/A -----				0
25.2:	11.115	.3043	11.707	10.496	39
25.4:	10.671	.2872	11.361	10.145	105
25.6:	10.242	.3459	11.268	9.528	189
25.8:	9.647	.4543	10.927	8.906	220
26.0:	8.966	.1958	9.639	8.508	220
26.2:	8.660	.2191	9.297	7.953	220
26.4:	8.467	.2328	9.064	7.779	220
26.6:	8.236	.2263	8.781	7.691	220
26.8:	7.584	.1704	8.067	7.133	221
27.0:	5.725	.1845	6.176	5.106	220
27.2:	3.423	.2167	4.001	2.943	220
27.4:	.468	.3054	1.323	-.499	220

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	----- N/A -----				0
25.2:	11.522	.1911	11.927	11.113	39
25.4:	11.441	.2229	11.903	10.768	105
25.6:	11.268	.2581	11.963	10.667	189
25.8:	11.147	.2279	11.849	10.638	220
26.0:	10.986	.2064	11.658	10.521	220
26.2:	10.780	.1965	11.376	10.310	220
26.4:	10.552	.1924	11.078	10.061	220
26.6:	10.302	.1881	10.764	9.792	220
26.8:	10.010	.1763	10.420	9.514	221
27.0:	9.542	.1397	9.860	9.131	220
27.2:	8.751	.0899	8.948	8.463	220
27.4:	7.468	.0284	7.533	7.357	220

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	----- N/A -----				1
25.2:	6.88	.233	7.20	6.19	18
25.4:	6.99	.241	7.54	6.14	48
25.6:	7.14	.188	7.54	6.21	86
25.8:	7.12	.261	7.58	5.96	97
26.0:	6.78	.376	7.46	5.72	97
26.2:	6.14	.442	7.22	5.28	97
26.4:	5.41	.546	7.08	4.30	97
26.6:	4.56	.659	6.14	3.20	97
26.8:	3.24	.650	4.53	1.36	97
27.0:	1.52	.329	2.14	.87	86
27.2:	.78	.171	1.29	.51	72
27.4:	.60	.081	.83	.47	70

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
25.0:	----- N/A -----				1
25.2:	1484	1.5	1489	1481	69
25.4:	1480	1.6	1486	1478	286
25.6:	1476	1.8	1482	1473	511
25.8:	1471	1.9	1478	1468	553
26.0:	1469	2.1	1474	1466	552
26.2:	1468	2.0	1474	1466	552
26.4:	1469	2.0	1475	1466	552
26.6:	1469	1.9	1476	1466	549
26.8:	1469	1.8	1476	1467	460
27.0:	1470	1.1	1474	1468	275
27.2:	1473	.7	1475	1472	239
27.4:	1476	.6	1479	1475	222

JULY

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.4:	13.27	.219	13.43	13.12	2	32.511	.0172	32.523	32.499	2
24.6:	12.52	.188	13.12	12.32	16	32.542	.0576	32.744	32.500	16
24.8:	11.56	.349	12.34	11.17	69	32.570	.0829	32.781	32.482	69
25.0:	10.51	.388	11.36	9.90	172	32.594	.0827	32.776	32.460	172
25.2:	9.43	.417	10.66	8.71	276	32.623	.0807	32.682	32.478	276
25.4:	8.28	.410	9.29	7.51	345	32.655	.0763	32.864	32.526	345
25.6:	7.07	.391	8.20	6.28	352	32.686	.0744	32.907	32.547	352
25.8:	5.90	.375	7.08	4.96	352	32.742	.0618	32.950	32.597	352
26.0:	4.99	.497	6.07	4.02	352	32.860	.0736	33.019	32.725	352
26.2:	4.73	.479	5.76	3.57	349	33.081	.0708	33.228	32.922	349
26.4:	4.66	.416	5.58	3.78	349	33.320	.0588	33.455	33.199	349
26.6:	4.59	.411	5.33	3.67	350	33.561	.0565	33.666	33.439	350
26.8:	4.31	.332	4.76	3.46	350	33.772	.0437	33.834	33.664	350
27.0:	3.81	.130	4.18	3.43	226	33.961	.0164	34.009	33.917	226
27.2:	3.53	.078	3.77	3.35	183	34.177	.0095	34.205	34.154	183
27.4:	2.96	.049	3.22	2.86	179	34.360	.0058	34.390	34.349	179

STD SIGMA T	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
24.4:	1	1.4	2	0	2	353.8	.00	353.8	353.8	2
24.6:	10	6.4	23	0	16	335.0	.17	335.3	334.7	16
24.8:	18	8.0	33	1	69	316.1	.17	316.4	315.7	69
25.0:	21	8.3	38	1	172	297.1	.14	297.4	296.7	172
25.2:	25	8.5	43	1	276	278.0	.13	278.3	277.6	276
25.4:	32	8.9	52	3	345	259.1	.12	259.4	258.6	345
25.6:	44	10.7	78	18	352	240.2	.14	240.6	239.8	352
25.8:	67	17.8	108	26	352	221.3	.19	221.7	220.9	352
26.0:	100	14.2	133	48	352	202.5	.15	202.8	202.1	352
26.2:	118	11.9	152	83	349	183.6	.13	184.0	183.3	349
26.4:	129	13.0	169	98	349	164.7	.16	165.1	164.4	349
26.6:	144	13.8	188	111	350	145.9	.18	146.5	145.5	350
26.8:	191	19.5	244	134	350	127.3	.24	128.0	126.8	350
27.0:	340	25.3	391	287	226	109.4	.25	110.0	108.9	226
27.2:	563	28.5	630	494	183	92.0	.23	92.5	91.4	183
27.4:	916	33.0	995	785	179	74.7	.19	75.3	74.2	179

JULY

STD SIGMA T	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
24.4:	13.27	.219	13.43	13.12	2	350.4	2.90	352.5	348.4	2
24.6:	12.52	.188	13.12	12.32	16	334.0	1.25	334.7	330.3	16
24.8:	11.55	.349	12.34	11.17	69	314.9	1.21	315.7	309.9	69
25.0:	10.51	.368	11.36	9.89	172	295.6	1.71	299.2	289.0	172
25.2:	9.43	.417	10.66	8.71	276	276.4	1.94	284.1	270.3	276
25.4:	8.27	.410	9.29	7.51	345	257.0	1.65	260.8	250.1	345
25.6:	7.06	.391	8.20	6.27	352	238.4	1.21	239.5	231.4	352
25.8:	5.90	.375	7.08	4.96	352	220.0	.64	220.5	215.0	352
26.0:	4.98	.496	6.07	4.01	352	201.0	.52	201.5	198.9	352
26.2:	4.72	.479	5.77	3.56	349	181.8	.55	182.5	180.4	349
26.4:	4.65	.416	5.57	3.77	349	163.0	.41	163.5	161.9	349
26.6:	4.58	.411	5.32	3.66	350	144.2	.21	144.5	143.6	350
26.8:	4.29	.331	4.75	3.44	350	125.5	.05	125.5	125.3	350
27.0:	3.79	.169	4.16	3.41	226	106.2	.13	106.5	106.0	226
27.2:	3.49	.078	3.74	3.31	183	87.3	.05	87.4	87.2	183
27.4:	2.90	.050	3.17	2.80	179	68.2	.03	68.3	68.1	179

STD SIGMA T	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	DELTA D N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	POT. ENERGY N
24.4:	.04	.042	.07	.01	2	.00	.000	.00	.00	2
24.6:	.37	.217	.78	.01	16	.03	.026	.09	.00	16
24.8:	.60	.267	1.09	.03	69	.07	.049	.19	.00	69
25.0:	.68	.267	1.24	.04	172	.09	.056	.24	.00	172
25.2:	.78	.270	1.39	.01	276	.11	.065	.30	.00	276
25.4:	.95	.275	1.55	.07	345	.17	.082	.38	.00	345
25.6:	1.24	.311	2.25	.48	352	.29	.138	.83	.04	352
25.8:	1.78	.475	2.91	.66	352	.62	.320	1.49	.09	352
26.0:	2.49	.361	3.29	1.29	352	1.22	.316	2.05	.30	352
26.2:	2.83	.279	3.63	1.91	349	1.60	.309	2.55	.76	349
26.4:	3.03	.289	3.85	2.16	349	1.86	.357	3.05	.99	349
26.6:	3.26	.305	4.08	2.36	350	2.18	.405	3.58	1.21	350
26.8:	3.89	.391	4.96	2.67	350	3.27	.632	5.20	1.59	350
27.0:	5.65	.453	6.73	4.55	226	8.09	1.207	10.72	5.71	226
27.2:	7.88	.472	9.08	6.78	183	18.46	1.959	23.47	14.40	183
27.4:	10.83	.494	12.04	9.47	179	40.73	3.096	48.73	30.29	179

JULY

STD SIGMA T	DELTA -DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
24.4:	----- N/A -----				1	----- N/A -----				1
24.6:	11.383	.1615	11.713	11.143	10	11.787	.2425	12.132	11.483	10
24.8:	11.045	.2774	11.770	10.605	33	11.610	.2678	12.093	10.856	33
25.0:	10.894	.2294	11.451	10.345	71	11.489	.2669	12.032	10.833	71
25.2:	10.714	.2567	11.492	10.123	126	11.394	.2547	11.960	10.795	126
25.4:	10.451	.2958	11.373	9.874	171	11.303	.2552	11.993	10.527	171
25.6:	10.115	.2759	10.809	9.530	178	11.217	.2544	11.930	10.479	178
25.8:	9.600	.3200	10.476	8.981	178	11.110	.2377	11.814	10.417	178
26.0:	8.935	.2182	9.747	8.508	178	10.952	.2163	11.626	10.326	178
26.2:	8.573	.1839	8.950	8.025	178	10.743	.2007	11.360	10.181	178
26.4:	8.371	.1956	8.829	7.849	178	10.509	.1875	11.055	10.009	178
26.6:	8.146	.1856	8.510	7.669	178	10.254	.1747	10.722	9.810	178
26.8:	7.540	.1763	7.921	7.183	178	9.957	.1575	10.333	9.568	178
27.0:	5.770	.1742	6.187	5.407	178	9.495	.1234	9.788	9.170	178
27.2:	3.493	.2025	3.934	2.977	178	8.723	.0781	8.900	8.463	178
27.4:	.541	.2365	1.457	-.031	178	7.459	.0275	7.532	7.353	178
	OXYGEN					SOUND				
24.4:	6.55	.021	6.57	6.54	2	1498	.7	1499	1498	2
24.6:	6.56	.119	6.74	6.39	9	1496	.8	1499	1496	16
24.8:	6.73	.130	7.12	6.54	26	1493	1.3	1496	1492	69
25.0:	6.87	.123	7.23	6.63	55	1489	1.5	1493	1487	172
25.2:	6.97	.156	7.31	6.49	75	1485	1.6	1490	1483	276
25.4:	7.09	.165	7.44	6.66	86	1481	1.6	1486	1478	345
25.6:	7.15	.163	7.61	6.82	88	1477	1.6	1482	1474	352
25.8:	7.11	.187	7.53	6.47	88	1472	1.5	1477	1469	352
26.0:	6.87	.263	7.36	6.11	88	1469	2.1	1474	1466	352
26.2:	6.25	.298	7.07	5.66	88	1469	2.0	1474	1466	349
26.4:	5.49	.299	6.08	4.87	88	1469	1.9	1474	1466	349
26.6:	4.66	.415	5.40	3.80	88	1469	1.8	1473	1466	350
26.8:	3.35	.421	4.37	2.35	88	1469	1.5	1472	1466	350
27.0:	1.50	.282	2.15	.79	81	1470	.8	1472	1469	226
27.2:	.84	.179	1.28	.54	62	1473	.7	1474	1471	183
27.4:	.67	.105	.86	.45	60	1476	.6	1478	1476	179

AUGUST

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.2:	14.36	.200	14.63	13.82	21	32.502	.0421	32.566	32.400	21
24.4:	13.42	.158	13.72	12.70	89	32.508	.0333	32.580	32.390	89
24.6:	12.48	.242	13.14	11.78	163	32.535	.0535	32.735	32.393	163
24.8:	11.52	.370	12.87	10.50	275	32.576	.0756	32.880	32.399	275
25.0:	10.48	.466	11.90	9.22	335	32.614	.0866	32.900	32.412	335
25.2:	9.35	.493	10.79	8.05	343	32.641	.0926	32.920	32.418	343
25.4:	8.22	.469	9.61	6.97	343	32.667	.0960	32.948	32.420	343
25.6:	7.05	.465	8.33	5.97	343	32.693	.0969	32.973	32.502	343
25.8:	6.00	.414	7.11	4.92	342	32.763	.0711	32.996	32.591	342
26.0:	5.17	.475	6.01	4.01	341	32.890	.0734	33.017	32.725	341
26.2:	4.89	.468	5.87	3.42	340	33.102	.0693	33.237	32.907	340
26.4:	4.81	.425	5.82	3.93	340	33.341	.0595	33.496	33.217	340
26.6:	4.79	.448	5.88	3.60	340	33.589	.0622	33.748	33.436	340
26.8:	4.47	.354	5.63	3.35	340	33.794	.0472	33.961	33.651	340
27.0:	3.90	.157	4.52	3.46	230	33.972	.0195	34.054	33.917	230
27.2:	3.57	.060	3.72	3.40	200	34.182	.0072	34.200	34.161	200
27.4:	2.98	.042	3.11	2.84	198	34.362	.0050	34.377	34.346	198

	DEPTH					SVA				
24.2:	15	7.2	25	1	21	373.3	.19	373.5	372.9	21
24.4:	19	7.3	33	0	89	354.3	.17	354.5	353.8	89
24.6:	22	6.8	36	0	163	335.2	.15	335.4	334.7	163
24.8:	26	6.9	40	3	275	316.2	.14	316.5	315.6	275
25.0:	30	6.3	51	7	335	297.1	.13	297.6	296.7	335
25.2:	34	6.6	56	11	343	278.1	.14	278.5	277.6	343
25.4:	39	7.4	62	21	343	259.1	.16	259.5	258.6	343
25.6:	53	15.0	90	26	343	240.2	.23	240.7	239.7	343
25.8:	72	23.0	112	26	342	221.3	.25	221.8	220.9	342
26.0:	97	15.9	130	46	341	202.5	.17	202.9	202.1	341
26.2:	115	10.3	140	83	340	183.6	.16	184.0	183.2	340
26.4:	127	10.7	156	99	340	164.8	.17	165.2	164.4	340
26.6:	144	12.2	184	113	340	146.0	.21	146.5	145.6	340
26.8:	197	24.5	245	139	340	127.5	.33	128.1	126.9	340
27.0:	350	31.5	419	267	230	109.6	.35	110.3	108.9	230
27.2:	575	34.3	634	486	200	92.2	.29	92.7	91.5	200
27.4:	922	41.5	1012	784	198	74.8	.22	75.2	74.2	198

AUGUST

STD SIGMA T	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
24.2:	14.36	.198	14.62	13.82	21	372.2	2.10	372.8	363.3	21
24.4:	13.41	.158	13.71	12.70	89	353.3	1.14	353.8	348.5	89
24.6:	12.48	.242	13.14	11.78	163	333.9	1.66	334.9	325.7	163
24.8:	11.52	.371	12.87	10.59	275	313.8	2.79	320.7	298.3	275
25.0:	10.48	.466	11.90	9.21	335	293.6	3.54	311.0	284.7	335
25.2:	9.34	.493	10.79	8.04	343	273.7	3.39	282.8	265.4	343
25.4:	8.21	.469	9.61	6.97	343	255.3	2.87	261.8	247.6	343
25.6:	7.04	.466	8.32	5.97	343	237.6	2.30	239.5	229.6	343
25.8:	5.99	.415	7.10	4.92	342	219.6	.95	220.5	213.7	342
26.0:	5.17	.474	6.00	4.00	341	200.8	.64	201.5	199.1	341
26.2:	4.88	.468	5.86	3.41	340	181.8	.57	182.5	180.2	340
26.4:	4.80	.424	5.81	3.92	340	163.0	.36	163.5	161.8	340
26.6:	4.78	.447	5.87	3.59	340	144.2	.19	144.5	143.6	340
26.8:	4.45	.352	5.62	3.34	340	125.4	.05	125.5	125.3	340
27.0:	3.87	.156	4.49	3.44	230	106.2	.12	106.5	105.9	230
27.2:	3.53	.059	3.66	3.36	200	87.3	.06	87.4	87.1	200
27.4:	2.92	.043	3.06	2.77	198	68.2	.04	68.3	68.1	198

STD SIGMA T	DELTA U MEAN	DELTA U S.D.	DELTA U MAX	DELTA U MIN	N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	N
24.2:	.60	.276	.93	.04	21	.06	.039	.12	.00	21
24.4:	.71	.274	1.20	.00	89	.08	.047	.20	.00	89
24.6:	.79	.253	1.31	.01	163	.10	.051	.24	.00	163
24.8:	.90	.248	1.42	.09	275	.13	.058	.28	.00	275
25.0:	1.00	.229	1.59	.22	335	.16	.064	.42	.01	335
25.2:	1.12	.238	1.72	.32	343	.20	.075	.50	.02	343
25.4:	1.27	.255	1.91	.64	343	.26	.091	.57	.07	343
25.6:	1.60	.441	2.61	.77	343	.44	.227	1.11	.10	343
25.8:	2.05	.629	3.25	.84	342	.76	.439	1.65	.12	342
26.0:	2.59	.460	3.63	1.29	341	1.20	.374	2.13	.29	341
26.2:	2.93	.332	3.83	2.05	340	1.57	.300	2.41	.78	340
26.4:	3.15	.326	4.05	2.33	340	1.84	.326	2.79	1.05	340
26.6:	3.41	.347	4.32	2.54	340	2.20	.385	3.22	1.28	340
26.8:	4.13	.516	5.22	2.85	340	3.50	.789	5.27	1.74	340
27.0:	5.95	.568	7.24	4.51	230	8.62	1.537	12.18	4.99	230
27.2:	8.23	.633	9.45	6.67	200	19.40	2.462	23.76	13.23	200
27.4:	11.12	.680	12.42	9.23	198	41.60	3.988	49.88	29.90	198

AUGUST

STD SIGMA T	DELTA -DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
24.2:	11.592	.1950	11.977	11.325	16	12.226	.1602	12.474	11.791	16
24.4:	11.382	.2188	11.831	10.970	52	12.054	.2246	12.426	11.454	52
24.6:	11.117	.2452	11.647	10.452	95	11.863	.3099	12.370	10.798	95
24.8:	10.828	.3192	11.642	10.097	158	11.643	.3614	12.303	10.730	158
25.0:	10.641	.3195	11.489	9.836	190	11.535	.3592	12.230	10.679	190
25.2:	10.504	.3031	11.617	9.717	197	11.461	.3573	12.149	10.632	197
25.4:	10.363	.2821	10.840	9.595	197	11.391	.3497	12.061	10.561	197
25.6:	10.034	.2346	10.769	9.384	197	11.308	.3385	11.951	10.523	197
25.8:	9.593	.3324	10.717	8.982	197	11.190	.3049	11.759	10.445	197
26.0:	9.027	.1961	9.677	8.475	197	11.030	.2727	11.528	10.361	197
26.2:	8.672	.1892	9.059	8.160	197	10.824	.2569	11.276	10.201	197
26.4:	8.452	.2041	8.675	7.882	197	10.591	.2449	11.019	9.989	197
26.6:	8.208	.1887	8.579	7.662	197	10.334	.2331	10.726	9.741	197
26.8:	7.499	.1826	7.985	7.020	198	10.032	.2117	10.358	9.467	198
27.0:	5.664	.2166	6.203	5.124	197	9.551	.1626	9.804	9.032	197
27.2:	3.400	.2411	4.037	2.962	197	8.751	.1030	8.933	8.453	197
27.4:	.498	.2986	1.460	-.162	197	7.467	.0358	7.516	7.328	197

STD SIGMA T	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
24.2:	6.35	.215	6.59	6.17	3	1502	.9	1504	1500	21
24.4:	6.41	.180	6.76	6.22	15	1499	.6	1500	1497	89
24.6:	6.48	.174	6.98	6.13	35	1496	.9	1499	1494	163
24.8:	6.59	.257	7.01	5.22	82	1493	1.4	1498	1489	275
25.0:	6.76	.245	7.17	5.67	94	1489	1.7	1495	1485	335
25.2:	6.92	.247	7.48	6.04	95	1485	1.9	1491	1480	343
25.4:	7.04	.240	7.56	6.28	95	1481	1.9	1487	1476	343
25.6:	7.09	.230	7.60	6.30	95	1477	1.8	1482	1472	343
25.8:	7.01	.257	7.63	6.11	95	1473	1.7	1478	1469	342
26.0:	6.78	.302	7.42	5.99	95	1470	2.1	1474	1465	341
26.2:	6.21	.346	7.07	5.22	95	1469	2.1	1474	1464	340
26.4:	5.49	.403	6.22	4.42	95	1470	1.9	1474	1466	340
26.6:	4.65	.475	5.43	3.50	95	1470	2.0	1475	1466	340
26.8:	3.34	.436	4.22	2.15	94	1470	1.8	1475	1465	340
27.0:	1.62	.366	2.78	.01	89	1470	1.1	1473	1468	230
27.2:	.80	.177	1.24	.01	66	1473	.7	1475	1472	200
27.4:	.61	.142	1.31	.01	66	1476	.7	1478	1475	198

SEPTEMBER

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.2:	14.22	.241	14.46	13.66	9	32.476	.0676	32.520	32.305	9
24.4:	13.24	.259	14.04	12.88	79	32.484	.0535	32.715	32.408	79
24.6:	12.31	.387	13.14	11.66	162	32.528	.0670	32.690	32.430	162
24.8:	11.28	.403	12.15	10.53	243	32.560	.0684	32.703	32.416	243
25.0:	10.21	.461	11.65	9.37	271	32.599	.0794	32.840	32.448	271
25.2:	9.13	.442	10.73	8.14	273	32.631	.0855	32.889	32.461	273
25.4:	8.08	.416	9.67	7.02	275	32.661	.0968	32.915	32.470	275
25.6:	6.99	.454	8.46	5.90	275	32.692	.0933	32.925	32.507	275
25.8:	5.97	.435	7.35	4.91	274	32.756	.0733	32.982	32.589	274
26.0:	5.08	.501	6.44	4.08	273	32.875	.0764	33.081	32.732	273
26.2:	4.79	.462	5.81	3.84	272	33.088	.0673	33.234	32.958	272
26.4:	4.74	.439	5.67	3.89	272	33.332	.0600	33.466	33.221	272
26.6:	4.73	.472	5.76	3.54	272	33.581	.0647	33.729	33.421	272
26.8:	4.40	.366	5.04	3.34	272	33.784	.0482	33.873	33.651	272
27.0:	3.87	.175	4.18	3.43	193	33.966	.0210	34.007	33.915	193
27.2:	3.55	.062	3.66	3.39	147	34.179	.0075	34.192	34.158	147
27.4:	2.97	.036	3.08	2.84	144	34.361	.0042	34.374	34.347	144

STD SIGMA T	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
24.2:	16	12.3	31	1.	9	373.3	.26	373.6	372.9	9
24.4:	27	7.1	36	1.	79	354.4	.15	354.5	353.8	79
24.6:	27	8.7	40	1.	162	335.2	.19	335.7	334.8	162
24.8:	32	5.7	50	18	243	316.2	.19	316.7	315.7	243
25.0:	36	5.7	56	10	271	297.1	.21	297.7	296.5	271
25.2:	40	6.0	62	21	273	278.0	.21	278.5	277.4	273
25.4:	44	6.8	67	21	275	259.1	.23	259.5	258.4	275
25.6:	54	13.7	96	22	275	240.2	.25	240.7	239.6	275
25.8:	71	21.7	117	23	274	221.3	.25	221.8	220.8	274
26.0:	97	17.8	135	36	273	202.5	.19	202.9	202.0	273
26.2:	116	11.2	154	88	272	183.6	.17	184.0	183.3	272
26.4:	129	11.5	165	106	272	164.8	.18	165.3	164.4	272
26.6:	145	12.6	188	115	272	146.0	.22	146.6	145.6	272
26.8:	200	25.7	275	141	272	127.5	.34	128.2	126.8	272
27.0:	348	32.6	422	263	193	109.5	.36	110.4	108.8	193
27.2:	578	37.0	688	501	147	92.2	.32	93.1	91.5	147
27.4:	930	40.6	1038	800	144	74.8	.27	75.4	74.2	144

SEPTEMBER

STD SIGMA T	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
24.2:	14.22	.242	14.45	13.65	9	371.8	1.54	372.8	368.7	9
24.4:	13.24	.250	14.04	12.88	79	351.7	2.23	353.7	344.1	79
24.6:	12.31	.381	13.14	11.66	162	331.4	3.77	336.2	322.1	162
24.8:	11.27	.403	12.15	10.52	243	310.8	4.06	316.6	302.4	243
25.0:	10.21	.461	11.65	9.37	271	290.3	4.15	309.2	280.8	271
25.2:	9.12	.442	10.73	8.14	273	271.2	3.65	277.6	261.2	273
25.4:	8.08	.416	9.66	7.01	275	253.9	3.49	258.5	244.1	275
25.6:	6.99	.454	8.39	5.90	275	237.0	2.60	239.6	229.1	275
25.8:	5.96	.435	7.34	4.91	274	219.6	1.13	220.5	215.1	274
26.0:	5.07	.501	6.43	4.07	273	200.9	.58	201.6	199.0	273
26.2:	4.79	.462	5.80	3.83	272	181.9	.49	182.5	180.3	272
26.4:	4.73	.430	5.66	3.88	272	163.0	.35	163.5	162.2	272
26.6:	4.72	.472	5.75	3.53	272	144.3	.19	144.5	143.8	272
26.8:	4.38	.365	5.03	3.33	272	125.4	.05	125.6	125.3	272
27.0:	3.84	.168	4.16	3.41	193	106.2	.13	106.5	106.0	193
27.2:	3.51	.061	3.62	3.34	147	87.3	.06	87.4	87.2	147
27.4:	2.90	.037	3.03	2.77	144	68.2	.04	68.3	68.0	144

STD SIGMA T	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	DELTA D N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	POT. ENERGY N
24.2:	.63	.477	1.21	.03	9	.08	.083	.19	.00	9
24.4:	1.01	.265	1.32	.03	79	.15	.060	.24	.00	79
24.6:	.99	.324	1.42	.02	162	.16	.073	.30	.00	162
24.8:	1.13	.217	1.66	.31	243	.19	.064	.42	.02	243
25.0:	1.23	.216	1.85	.30	271	.23	.073	.53	.02	271
25.2:	1.34	.222	2.01	.63	273	.28	.083	.62	.07	273
25.4:	1.45	.235	2.17	.65	275	.33	.098	.72	.07	275
25.6:	1.71	.410	2.85	.67	275	.48	.223	1.26	.08	275
25.8:	2.09	.603	3.35	.70	274	.76	.424	1.79	.08	274
26.0:	2.64	.499	3.66	1.00	273	1.22	.410	2.21	.18	273
26.2:	3.03	.350	4.02	2.11	272	1.62	.333	2.77	.90	272
26.4:	3.25	.343	4.22	2.36	272	1.90	.358	3.10	1.19	272
26.6:	3.50	.363	4.48	2.53	272	2.26	.415	3.57	1.38	272
26.8:	4.24	.542	5.47	2.82	272	3.60	.860	6.14	1.78	272
27.0:	5.99	.607	7.43	4.24	193	8.56	1.606	12.34	4.70	193
27.2:	8.32	.638	9.87	7.19	147	19.59	2.652	27.53	14.65	147
27.4:	11.26	.654	12.90	9.75	144	42.29	4.000	52.92	31.17	144

SEPTEMBER

STD SIGMA T	DELTA -DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
24.2:	11.795	.3454	12.169	11.358	4	12.447	.1681	12.696	12.330	4
24.4:	11.185	.2288	11.663	10.558	40	12.115	.3252	12.645	11.120	40
24.6:	10.937	.3119	11.555	10.125	80	11.853	.3795	12.590	11.112	80
24.8:	10.663	.3230	11.562	10.004	122	11.681	.3659	12.526	10.999	122
25.0:	10.510	.3095	11.266	9.875	139	11.582	.3565	12.454	10.953	139
25.2:	10.391	.3023	11.137	9.755	140	11.506	.3504	12.374	10.900	140
25.4:	10.265	.2964	11.016	9.644	142	11.425	.3425	12.286	10.838	142
25.6:	10.013	.2447	10.716	9.485	142	11.334	.3328	12.166	10.756	142
25.8:	9.635	.3119	10.447	9.022	142	11.216	.3038	11.968	10.654	142
26.0:	9.080	.2339	10.065	8.570	142	11.059	.2728	11.730	10.532	142
26.2:	8.691	.1892	9.058	8.244	142	10.853	.2556	11.469	10.340	142
26.4:	8.462	.1971	8.869	7.990	142	10.619	.2425	11.188	10.110	142
26.6:	8.207	.1942	8.654	7.555	142	10.360	.2303	10.880	9.860	142
26.8:	7.497	.2038	7.984	6.885	142	10.053	.2089	10.506	9.561	142
27.0:	5.678	.2323	6.151	5.066	142	9.569	.1581	9.911	9.194	142
27.2:	3.385	.2655	3.896	2.472	142	8.767	.0997	8.992	8.495	142
27.4:	.436	.2952	1.367	-.369	142	7.472	.0313	7.535	7.363	142

	OXYGEN					SOUND				
24.2:	6.07	.045	6.11	6.02	3	1502	1.0	1503	1500	9
24.4:	6.29	.184	6.72	5.89	23	1498	.9	1502	1498	79
24.6:	6.40	.159	6.77	6.10	50	1495	1.3	1499	1494	162
24.8:	6.46	.200	6.95	5.69	87	1492	1.5	1496	1490	243
25.0:	6.61	.197	7.14	5.84	93	1488	1.7	1494	1485	271
25.2:	6.76	.198	7.31	6.02	95	1484	1.7	1491	1481	273
25.4:	6.89	.204	7.46	6.21	96	1480	1.7	1487	1476	275
25.6:	6.98	.203	7.41	6.38	96	1476	1.8	1482	1472	275
25.8:	6.99	.220	7.47	6.21	96	1473	1.8	1479	1468	274
26.0:	6.83	.338	7.46	5.75	95	1470	2.2	1475	1466	273
26.2:	6.22	.339	6.82	5.32	95	1469	2.1	1474	1465	272
26.4:	5.48	.359	6.33	4.26	95	1469	1.9	1474	1466	272
26.6:	4.67	.453	5.76	3.28	95	1470	2.1	1475	1465	272
26.8:	3.38	.396	4.56	2.42	95	1470	1.8	1473	1465	272
27.0:	1.55	.295	2.15	.88	92	1470	1.1	1473	1468	193
27.2:	.78	.138	1.25	.54	68	1473	.8	1475	1472	147
27.4:	.61	.110	1.00	.34	67	1477	.7	1479	1475	144

OCTOBER

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.4:		----- N/A -----			1		----- N/A -----			1
24.6:	12.38	.722	12.91	12.10	11	32.531	.0747	32.642	32.443	11
24.8:	11.34	.360	12.14	10.62	76	32.536	.0790	32.699	32.397	76
25.0:	10.23	.385	11.28	9.60	137	32.559	.0821	32.759	32.417	137
25.2:	9.15	.410	10.35	8.39	182	32.605	.0806	32.812	32.446	182
25.4:	8.07	.433	9.27	7.16	194	32.650	.0819	32.854	32.454	194
25.6:	7.02	.454	8.28	5.93	194	32.698	.0843	32.893	32.487	194
25.8:	5.96	.423	7.09	4.96	194	32.760	.0714	32.938	32.606	194
26.0:	5.09	.450	6.44	4.17	194	32.875	.0668	33.091	32.743	194
26.2:	4.77	.441	5.90	3.74	194	33.083	.0624	33.242	32.943	194
26.4:	4.69	.424	5.98	3.75	194	33.325	.0561	33.509	33.201	194
26.6:	4.66	.490	6.47	3.49	194	33.571	.0677	33.842	33.415	194
26.8:	4.38	.360	5.29	3.52	195	33.781	.0476	33.910	33.671	195
27.0:	3.85	.166	4.34	3.51	138	33.966	.0211	34.031	33.926	138
27.2:	3.54	.064	3.66	3.41	110	34.177	.0078	34.192	34.162	110
27.4:	2.96	.041	3.06	2.80	110	34.360	.0047	34.371	34.343	110

	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
24.4:		----- N/A -----			1		----- N/A -----			1
24.6:	30	2.7	35	26	11	335.3	.09	336.4	335.1	11
24.8:	33	12.9	59	0	76	316.3	.27	316.8	315.7	76
25.0:	40	11.4	69	1	137	297.3	.25	298.1	296.7	137
25.2:	47	9.2	76	30	182	278.3	.23	279.0	277.7	182
25.4:	53	9.7	83	34	194	259.2	.21	259.9	258.7	194
25.6:	60	11.0	91	39	194	240.3	.19	240.7	239.7	194
25.8:	73	15.6	105	44	194	221.3	.20	222.0	220.9	194
26.0:	96	15.3	145	49	194	202.5	.19	202.9	202.1	194
26.2:	117	11.4	168	91	194	183.6	.18	184.1	183.3	194
26.4:	131	12.6	190	105	194	164.8	.18	165.3	164.4	194
26.6:	148	14.5	215	120	194	146.0	.24	147.0	145.6	194
26.8:	200	26.4	303	151	195	127.5	.35	129.1	126.9	195
27.0:	351	34.6	462	284	138	109.5	.37	110.9	108.9	138
27.2:	579	37.9	688	518	110	92.2	.31	93.1	91.6	110
27.4:	936	43.6	1095	855	110	74.8	.22	75.5	74.3	110

OCTOBER

STD SIGMA T	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
24.4:		----- N/A -----			1		----- N/A -----			1
24.6:	12.38	.323	12.91	12.10	11	332.4	2.44	334.7	326.9	11
24.8:	11.34	.360	12.13	10.81	76	313.7	2.50	315.7	306.1	76
25.0:	10.22	.385	11.27	9.59	137	293.5	2.87	296.6	285.4	137
25.2:	9.14	.410	10.35	8.39	182	273.4	2.84	277.6	265.3	182
25.4:	8.06	.433	9.27	7.16	194	254.5	2.73	258.5	248.0	194
25.6:	7.01	.454	8.28	5.93	194	236.8	2.41	239.5	230.0	194
25.8:	5.95	.423	7.09	4.96	194	219.3	1.42	220.5	213.4	194
26.0:	5.08	.449	6.43	4.16	194	201.0	.46	201.5	199.2	194
26.2:	4.76	.447	5.89	3.73	194	182.0	.39	182.5	180.5	194
26.4:	4.68	.423	5.97	3.74	194	163.0	.32	163.5	161.9	194
26.6:	4.65	.490	6.46	3.48	194	144.2	.19	144.5	143.6	194
26.8:	4.36	.359	5.26	3.51	195	125.4	.06	125.5	125.1	195
27.0:	3.83	.164	4.31	3.49	138	106.2	.12	106.5	106.0	138
27.2:	3.50	.062	3.61	3.37	110	87.2	.06	87.4	87.1	110
27.4:	2.90	.042	3.00	2.73	110	68.2	.05	68.2	68.0	110

STD SIGMA T	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	DELTA D N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	POT. ENERGY N
24.4:		----- N/A -----			1		----- N/A -----			1
24.6:	1.05	.111	1.26	.89	11	.17	.032	.23	.12	11
24.8:	1.12	.430	1.94	.00	76	.22	.134	.59	.00	76
25.0:	1.29	.375	2.19	.02	137	.29	.148	.77	.00	137
25.2:	1.47	.291	2.31	.89	182	.37	.144	.89	.14	182
25.4:	1.62	.295	2.45	1.07	194	.45	.161	1.04	.19	194
25.6:	1.79	.317	2.62	1.21	194	.55	.192	1.20	.23	194
25.8:	2.10	.423	3.06	1.32	194	.78	.316	1.51	.28	194
26.0:	2.59	.393	3.55	1.42	194	1.21	.356	2.40	.32	194
26.2:	2.99	.310	3.99	2.14	194	1.63	.329	3.11	.93	194
26.4:	3.23	.321	4.36	2.30	194	1.95	.382	3.82	1.19	194
26.6:	3.51	.357	4.78	2.81	194	2.35	.465	4.63	1.55	194
26.8:	4.21	.502	5.76	3.23	195	3.54	.912	7.25	2.09	195
27.0:	6.00	.576	7.61	4.76	138	8.70	1.741	14.70	5.61	138
27.2:	8.31	.602	9.93	7.55	110	19.69	2.767	28.23	15.48	110
27.4:	11.29	.639	13.27	10.38	110	42.63	4.444	58.93	35.50	110

OCTOBER

DELTA -DH

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	----- N/A -----				0
24.6:	10.840	.3435	11.355	10.664	4
24.8:	10.655	.4031	11.906	10.000	42
25.0:	10.453	.4226	12.056	9.825	74
25.2:	10.231	.3149	10.998	9.606	99
25.4:	10.074	.2933	10.896	9.414	108
25.6:	9.900	.2756	10.685	9.236	108
25.8:	9.596	.2717	10.561	9.051	106
26.0:	9.099	.2279	9.931	8.650	108
26.2:	8.702	.2210	9.617	8.213	108
26.4:	8.456	.2253	9.317	7.822	108
26.6:	8.177	.2050	8.636	7.432	108
26.8:	7.484	.1913	7.901	6.902	109
27.0:	5.665	.2480	6.112	4.912	108
27.2:	3.379	.2755	3.642	2.545	108
27.4:	.392	.3255	.987	-.810	108

ACC. POT.

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	----- N/A -----				0
24.6:	11.867	.3804	12.437	11.657	4
24.8:	11.746	.3619	12.371	11.068	42
25.0:	11.645	.3347	12.456	11.021	74
25.2:	11.569	.3445	12.479	10.948	99
25.4:	11.474	.3267	12.363	10.869	108
25.6:	11.366	.3157	12.231	10.764	106
25.8:	11.241	.2988	12.069	10.694	108
26.0:	11.081	.2767	11.870	10.603	108
26.2:	10.875	.2612	11.639	10.432	108
26.4:	10.638	.2488	11.373	10.225	108
26.6:	10.374	.2359	11.107	9.989	106
26.8:	10.061	.2113	10.694	9.709	109
27.0:	9.576	.1619	10.053	9.315	108
27.2:	8.771	.1005	9.061	8.591	108
27.4:	7.476	.0273	7.535	7.396	108

OXYGEN

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	----- N/A -----				1
24.6:	6.29	.083	6.51	6.22	10
24.8:	6.40	.136	7.01	6.08	43
25.0:	6.49	.133	7.03	6.19	65
25.2:	6.58	.209	7.05	5.33	72
25.4:	6.69	.228	7.06	5.25	77
25.6:	6.80	.239	7.09	5.18	77
25.8:	6.86	.253	7.25	5.21	77
26.0:	6.78	.309	7.20	5.62	77
26.2:	6.26	.329	6.90	5.01	77
26.4:	5.50	.401	6.15	3.62	77
26.6:	4.66	.526	5.54	2.18	77
26.8:	3.37	.449	4.35	1.99	77
27.0:	1.56	.251	1.92	.87	70
27.2:	.85	.129	1.16	.57	57
27.4:	.66	.131	1.09	.44	57

SOUND

STD SIGMA T	MEAN	S.D.	MAX	MIN	N
24.4:	----- N/A -----				1
24.6:	1496	1.3	1498	1495	11
24.8:	1492	1.4	1496	1491	76
25.0:	1488	1.5	1493	1486	137
25.2:	1484	1.6	1490	1482	182
25.4:	1480	1.7	1486	1477	194
25.6:	1477	1.9	1482	1472	194
25.8:	1473	1.7	1478	1469	194
26.0:	1470	1.9	1476	1466	194
26.2:	1469	2.0	1474	1465	194
26.4:	1469	1.9	1475	1466	194
26.6:	1470	2.2	1479	1465	194
26.8:	1470	1.8	1476	1466	195
27.0:	1470	1.1	1474	1469	136
27.2:	1473	.8	1475	1472	110
27.4:	1477	.7	1479	1476	110

NOVEMBER

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.0:	9.74	.104	9.99	9.64	11	32.424	.0224	32.480	32.401	11
25.2:	8.88	.262	9.37	8.43	102	32.517	.0460	32.593	32.408	102
25.4:	7.89	.229	8.74	7.41	186	32.592	.0401	32.723	32.469	186
25.6:	6.90	.283	7.83	6.60	234	32.670	.0490	32.821	32.495	234
25.8:	5.98	.341	7.06	4.44	257	32.763	.0566	32.944	32.526	257
26.0:	5.28	.415	6.23	4.21	257	32.905	.0623	33.062	32.748	257
26.2:	4.96	.498	5.71	3.95	257	33.111	.0714	33.239	32.968	257
26.4:	4.90	.542	6.21	3.91	257	33.354	.0765	33.551	33.220	257
26.6:	4.92	.591	6.53	3.62	255	33.609	.0842	33.853	33.436	255
26.8:	4.55	.409	5.45	3.35	252	33.805	.0552	33.934	33.651	252
27.0:	3.89	.182	4.34	3.43	164	33.972	.0230	34.028	33.917	164
27.2:	3.57	.068	3.78	3.33	150	34.181	.0083	34.206	34.153	150
27.4:	2.97	.054	3.16	2.71	147	34.361	.0063	34.382	34.332	147

STD SIGMA T	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
25.0:	50	1.8	54	47	11	297.5	.05	297.6	297.5	11
25.2:	47	16.9	69	0	102	278.3	.27	278.7	277.6	102
25.4:	61	10.7	84	1	186	259.4	.19	259.8	258.6	186
25.6:	71	10.6	104	23	234	240.4	.17	240.8	239.9	234
25.8:	82	10.9	112	55	257	221.4	.14	221.9	221.1	257
26.0:	96	11.4	127	68	257	202.5	.15	202.9	202.1	257
26.2:	111	10.0	141	79	257	183.6	.16	183.9	183.2	257
26.4:	125	10.4	158	98	257	164.8	.20	165.3	164.4	257
26.6:	144	13.2	183	112	255	146.1	.30	147.1	145.5	255
26.8:	203	26.1	292	150	252	127.6	.41	129.0	126.8	252
27.0:	358	35.9	459	284	164	109.6	.43	110.9	108.9	164
27.2:	587	40.6	714	496	150	92.3	.35	93.3	91.5	150
27.4:	838	43.6	1027	811	147	74.9	.25	75.5	73.8	147

NOVEMBER

STD SIGMA T	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	THETA N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	SVA (THETA) N
25.0:	9.74	.107	9.99	9.64	11	295.8	.55	296.6	294.6	11
25.2:	8.88	.262	9.37	8.42	102	275.8	1.52	277.6	271.6	102
25.4:	7.88	.229	8.73	7.40	186	256.2	1.72	256.6	251.3	186
25.6:	6.89	.263	7.83	5.80	234	237.4	1.30	239.5	233.4	234
25.8:	5.97	.340	7.05	4.44	257	219.2	1.07	220.5	216.0	257
26.0:	5.27	.414	6.22	4.20	257	200.8	.59	201.5	198.8	257
26.2:	4.95	.498	5.70	3.94	257	181.9	.43	182.5	180.4	257
26.4:	4.89	.542	6.20	3.90	257	163.0	.31	163.5	161.8	257
26.6:	4.91	.590	6.52	3.61	255	144.2	.16	144.5	143.7	255
26.8:	4.54	.407	5.43	3.34	252	125.4	.06	125.5	125.2	252
27.0:	3.67	.179	4.30	3.41	164	106.2	.13	106.5	105.9	164
27.2:	3.53	.067	3.74	3.30	150	87.2	.06	87.4	87.1	150
27.4:	2.90	.054	3.09	2.65	147	68.2	.04	68.3	68.0	147

STD SIGMA T	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	DELTA D N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	POT. ENERGY N
25.0:	1.53	.059	1.62	1.41	11	.40	.030	.45	.34	11
25.2:	1.38	.489	1.91	.00	102	.38	.162	.67	.00	102
25.4:	1.72	.304	2.28	.03	186	.56	.169	.97	.00	186
25.6:	1.92	.295	2.67	.55	234	.71	.201	1.43	.06	234
25.8:	2.16	.308	2.84	1.40	257	.91	.235	1.62	.38	257
26.0:	2.46	.333	3.20	1.64	257	1.19	.279	2.00	.58	257
26.2:	2.75	.299	3.45	1.81	257	1.49	.280	2.32	.72	257
26.4:	3.00	.296	3.73	2.14	257	1.79	.310	2.76	1.02	257
26.6:	3.29	.333	4.09	2.36	255	2.21	.397	3.27	1.26	255
26.8:	4.08	.486	5.56	2.98	252	3.65	.875	6.89	2.02	252
27.0:	5.89	.592	7.34	4.68	164	8.95	1.804	14.42	5.57	164
27.2:	8.21	.632	9.95	6.73	150	20.17	2.939	30.02	13.88	150
27.4:	11.15	.641	12.56	9.52	147	43.07	4.319	53.24	32.52	147

NOVEMBER

STD SIGMA T	DELTA -DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
25.0:	10.419	.1985	10.709	10.269	4	11.930	.2000	12.219	11.769	4
25.2:	10.538	.5491	11.926	9.780	51	11.748	.2710	12.263	11.233	51
25.4:	10.017	.4156	12.108	9.356	99	11.582	.2843	12.242	10.892	99
25.6:	9.722	.3079	10.535	9.125	136	11.394	.2959	12.106	10.653	136
25.8:	9.443	.2899	10.295	8.951	145	11.227	.2970	11.958	10.524	145
26.0:	9.156	.2800	10.039	8.641	145	11.062	.2880	11.796	10.366	145
26.2:	8.851	.2545	9.742	8.309	145	10.869	.2788	11.617	10.228	145
26.4:	8.601	.2459	9.442	8.013	145	10.648	.2715	11.414	10.039	145
26.6:	8.305	.1973	8.764	7.672	145	10.400	.2619	11.169	9.819	145
26.8:	7.527	.1877	7.879	6.914	146	10.100	.2349	10.772	9.565	146
27.0:	5.613	.2508	6.131	4.941	145	9.605	.1815	10.100	9.175	145
27.2:	3.324	.2965	4.067	2.369	145	8.786	.1132	9.088	8.498	145
27.4:	.385	.3202	1.286	-.279	145	7.477	.0353	7.545	7.355	145

STD SIGMA T	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
25.0:	----- N/A -----				0	1487	.3	1488	1487	11
25.2:	6.48	.226	6.74	5.97	12	1483	1.1	1486	1482	102
25.4:	6.66	.189	7.02	6.27	27	1480	1.0	1484	1478	186
25.6:	6.74	.184	7.06	6.32	45	1476	1.2	1481	1472	234
25.8:	6.76	.250	7.14	5.91	55	1473	1.5	1478	1467	257
26.0:	6.64	.376	7.20	5.31	55	1470	1.9	1475	1466	257
26.2:	6.15	.471	6.90	4.92	55	1470	2.2	1473	1466	257
26.4:	5.34	.603	5.95	3.41	55	1470	2.4	1476	1466	257
26.6:	4.43	.722	5.09	2.11	53	1471	2.7	1478	1465	255
26.8:	3.21	.511	3.86	1.78	53	1470	2.1	1476	1465	252
27.0:	1.49	.314	2.05	.98	51	1470	1.3	1475	1466	164
27.2:	.79	.124	1.06	.57	39	1473	.9	1476	1472	150
27.4:	.58	.106	.83	.26	38	1477	.7	1479	1475	147

DECEMBER

STD SIGMA T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
25.4:	7.54	.271	8.52	7.26	57	32.501	.0502	32.682	32.449	57
25.6:	6.83	.265	7.80	6.15	118	32.646	.0455	32.810	32.532	118
25.8:	5.98	.359	7.11	4.90	213	32.762	.0554	32.934	32.567	213
26.0:	5.33	.437	6.42	4.27	228	32.917	.0653	33.085	32.755	228
26.2:	4.92	.494	6.03	3.81	228	33.107	.0726	33.264	32.956	228
26.4:	4.78	.465	6.19	3.79	228	33.337	.0651	33.546	33.200	228
26.6:	4.74	.475	6.44	3.57	228	33.582	.0669	33.838	33.426	228
26.8:	4.47	.368	5.38	3.36	228	33.794	.0492	33.922	33.653	228
27.0:	3.88	.164	4.27	3.49	172	33.970	.0207	34.021	33.920	172
27.2:	3.56	.060	3.68	3.39	148	34.179	.0075	34.196	34.159	148
27.4:	2.96	.037	3.07	2.87	148	34.360	.0044	34.372	34.349	148

STD SIGMA T	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
25.4:	57	26.6	88	0	57	259.4	.37	259.8	258.6	57
25.6:	79	16.6	108	7	118	240.6	.21	241.0	239.7	118
25.8:	90	13.5	145	0	213	221.5	.17	222.0	220.6	213
26.0:	101	11.2	153	76	228	202.5	.16	203.0	202.2	228
26.2:	113	10.9	160	90	228	183.6	.17	184.1	183.2	228
26.4:	125	11.4	170	100	228	164.7	.19	165.1	164.3	228
26.6:	142	12.9	190	118	228	146.0	.23	146.8	145.4	228
26.8:	194	21.2	276	151	228	127.5	.32	128.7	126.8	228
27.0:	352	30.7	444	272	172	109.6	.36	110.7	108.9	172
27.2:	583	31.4	690	513	148	92.2	.27	93.0	91.6	148
27.4:	934	34.3	1025	815	148	74.8	.19	75.3	74.2	148

DECEMBER

STD SIGMA T	THETA MEAN	THETA S.D.	THETA MAX	THETA MIN	N	SVA (THETA) MEAN	SVA (THETA) S.D.	SVA (THETA) MAX	SVA (THETA) MIN	N
25.4:	7.53	.272	8.52	7.26	57	258.2	.36	256.6	256.8	57
25.6:	6.83	.265	7.80	6.15	118	238.4	.88	239.5	236.7	118
25.8:	5.97	.338	7.11	4.90	213	219.4	.79	220.6	217.0	213
26.0:	5.32	.436	6.41	4.26	228	200.4	.65	201.5	197.9	228
26.2:	4.91	.494	6.02	3.80	228	181.7	.58	182.5	179.9	228
26.4:	4.77	.465	6.16	3.78	228	163.0	.36	163.5	162.1	228
26.6:	4.73	.475	6.43	3.56	228	144.2	.17	144.6	143.9	228
26.8:	4.46	.306	5.36	3.35	228	125.4	.06	125.6	125.2	228
27.0:	3.85	.161	4.23	3.47	172	106.2	.12	106.5	106.0	172
27.2:	3.51	.059	3.64	3.35	148	87.3	.05	87.3	87.2	148
27.4:	2.90	.039	3.01	2.80	148	68.2	.04	68.3	68.1	148

STD SIGMA T	DELTA D MEAN	DELTA D S.D.	DELTA D MAX	DELTA D MIN	N	POT. ENERGY MEAN	POT. ENERGY S.D.	POT. ENERGY MAX	POT. ENERGY MIN	N
25.4:	1.52	.704	2.30	.00	57	.55	.320	1.03	.00	57
25.6:	2.04	.435	2.74	.18	118	.87	.295	1.46	.01	118
25.8:	2.21	.358	3.30	.00	213	1.05	.297	2.46	.00	213
26.0:	2.43	.306	3.45	1.63	228	1.26	.292	2.71	.74	228
26.2:	2.65	.298	3.60	2.01	228	1.51	.308	2.95	.92	228
26.4:	2.88	.300	3.77	2.18	228	1.78	.339	3.23	1.08	228
26.6:	3.14	.320	4.09	2.47	228	2.15	.397	3.82	1.44	228
26.8:	3.84	.426	5.06	2.93	228	3.39	.707	6.04	2.03	228
27.0:	5.70	.519	7.10	4.52	172	8.63	1.479	13.48	5.20	172
27.2:	8.04	.533	9.62	6.69	148	19.82	2.310	28.09	15.15	148
27.4:	10.97	.536	12.45	9.40	148	42.55	3.379	52.87	32.20	148

DECEMBER

STD SIGMA T	DELTA -DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
25.4:	10.218	.7118	11.973	9.418	43	11.707	.1591	11.973	11.222	43
25.6:	9.615	.3668	11.057	9.064	77	11.490	.2512	12.053	10.809	77
25.8:	9.235	.2121	10.064	8.728	133	11.236	.2521	11.891	10.624	133
26.0:	8.988	.2075	9.828	8.580	148	11.038	.2337	11.715	10.473	148
26.2:	8.768	.1952	9.615	8.446	148	10.836	.2241	11.523	10.305	148
26.4:	8.549	.1872	9.272	8.195	148	10.612	.2145	11.300	10.119	148
26.6:	8.281	.1640	8.718	7.766	148	10.364	.2043	11.046	9.904	148
26.8:	7.576	.1724	7.970	6.984	148	10.067	.1832	10.652	9.656	148
27.0:	5.666	.2326	6.371	5.084	148	9.587	.1417	10.034	9.251	148
27.2:	3.350	.2265	3.808	2.562	148	8.778	.0864	9.031	8.513	148
27.4:	.417	.2508	1.256	-.266	148	7.474	.0264	7.527	7.360	148
	OXYGEN					SOUND				
25.4:	6.80	.107	6.87	6.68	3	1478	1.2	1483	1477	57
25.6:	6.80	.224	7.39	6.31	23	1476	1.2	1481	1473	118
25.8:	6.85	.245	7.26	6.20	63	1473	1.5	1478	1467	213
26.0:	6.63	.344	7.25	5.70	64	1471	1.9	1476	1466	228
26.2:	6.26	.395	6.90	5.04	64	1469	2.2	1475	1465	228
26.4:	5.60	.457	6.45	3.61	64	1469	2.1	1476	1466	228
26.6:	4.78	.554	5.80	2.47	64	1470	2.1	1478	1465	228
26.8:	3.48	.487	5.34	2.05	64	1470	1.8	1475	1465	228
27.0:	1.61	.315	2.22	.91	60	1470	1.2	1474	1468	172
27.2:	.84	.171	1.33	.55	40	1473	.7	1475	1472	148
27.4:	.64	.128	1.07	.51	40	1476	.6	1478	1475	148