NOAA Data Report ERL PMEL-60

# CTD MEASUREMENTS DURING 1993 AND 1994 AS PART OF THE EQUATORIAL PACIFIC OCEAN CLIMATE STUDIES (EPOCS)

## VOLUME I

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# CTD Measurements During 1993 and 1994 as Part of the Equatorial Pacific Ocean Climate Studies (EPOCS)

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ABSTRACT. During 1993 and 1994, CTD data were collected in the equatorial Pacific Ocean as part of the Equatorial Pacific Ocean Climate Studies (EPOCS) program. Summaries of Neil Brown Instrument Systems CTD measurements and hydrographic data acquired on twelve cruises and Sea-Bird Electronics CTD measurements and hydrographic data acquired on four cruises during 1993 and 1994 are presented. Section plots of oceanographic variables along 95°, 110°, 125°, 140°, 155°, 170°, and 180°W meridians are given. Station location, meteorological conditions, abbreviated CTD data listings, profiles, and a potential temperature-salinity diagram are shown for each cast. Hydrographic data are listed for each cruise.

## 1. INTRODUCTION

Oceanographic observations in the eastern equatorial Pacific have been collected since 1979 as part of NOAA's Equatorial Pacific Ocean Climate Studies (EPOCS) program. An objective of the EPOCS program is to investigate the processes that cause sea surface temperature fluctuations on annual and interannual time scales in this area. The Tropical Ocean Global Atmosphere (TOGA) research program investigates the dominant mechanisms that produce large scale, interannual variations of sea surface temperature in vast regions of the tropical Pacific Ocean. Both programs are designed to further understand the role of the tropical ocean in modifying the world's climate. Fall 1993 EPOCS cruises were combined with the Ocean-Atmosphere Carbon Dioxide Exchange ($CO_2$) program and the U.S. Joint Global Ocean Flux Study (JGOFS). The EPOCS/$CO_2$/JGOFS effort focused on determining the concentrations of carbon species and describing ocean circulation in the upper ocean over the equatorial Pacific from 140°W to the coast of South America and then modeling the flux of carbon through that system. Summaries of Neil Brown Instrument Systems (NBIS) CTD measurements and hydrographic data collected on twelve cruises and Sea-Bird Electronics (SBE) CTD measurements and hydrographic data collected on four cruises during 1993 and 1994 as part of PMEL's EPOCS/TOGA/$CO_2$/JGOFS contributions are presented here. CTD data from 1979 through 1992 can be found in previous data reports (Mangum *et al.*, 1980; Mangum and Hayes, 1983, 1985; Mangum *et al.*, 1987, 1993; Lynch *et al.*, 1988; McTaggart *et al.*, 1993; McTaggart and Mangum, 1994).

Data collected in 1993 and 1994 included meridional sections across the equator along 95°, 110°, 125°, 140°, 155°, 170°, and 180°W. Figures 1a–o show the cruise track and CTD station locations for each cruise. Cruise name notation is either EPx-yy-zz or TGx-yy-zz, where x is the sequential EPOCS or TOGA cruise number during each year, yy is the year (93 or 94), and zz is the

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ship code (either MB for the NOAA ship *Malcolm Baldrige* or DI for the NOAA ship *Discoverer*). NBIS Mark IIIb CTDs were used to acquire data on all cruises except for TG1-94-DI, TG2-94-DI, and TG3-94-DI, which used an SBE 911plus CTD system. Pressure, temperature, and conductivity were sampled at a rate of 25–31 Hz (depending on the NBIS CTD), as described by Brown (1974), or 24 Hz, for the SBE 9plus CTD. During EP4-93-DI an SBE SEACAT CTD was used to acquire 2-Hz data (stations 10–28) when the Neil Brown conductivity sensor failed. Typical lowering rates were 30 m/min to 50 m, 45 m/min from 50 m to 200 m, and 60 m/min from 200 m to depth. Water samples were collected on the upcast for calibration purposes using an electronically fired rosette sampler.

## 2. CTD DATA PROCESSING

Aboard the NOAA ship *Malcolm Baldrige*, CTD data were collected using the shipboard Scientific Computer System (SCS) and AOML Logger software. Preliminary calibration and processing of the CTD data were accomplished at sea using the shipboard microVAX system and PMEL programs. For those cruises aboard the NOAA ship *Discoverer*, NBIS CTD data were collected using a 286-AT personal computer equipped with EG&G Oceansoft acquisition software. SBE CTD data were collected on the *Discoverer* using a 286-AT personal computer equipped with SBE Seasoft acquisition software version 4.201. Under the supervision of the Chief Scientist, survey department personnel were responsible for preparing the CTD, data acquisition, collection of water samples, and analyzing salinity samples using the ship's autosalinometers.

Final calibrations for the conductivity sensors were determined post-cruise by comparison with bottle data and applied to 1-dbar averaged data. EP4-93-DI SEACAT data were calibrated and averaged into 10-dbar bins. An AKIMA spline was used to fill the data such that a record exists for every whole decibar. Salinities for the first three of 19 stations using the SEACAT CTD are 0.2–0.3 pss high in the thermocline region above 15°C when compared to historical data at the same locations. The rest of the SEACAT profiles are within the historical envelope. Final processing of all CTD data were completed at PMEL on a VAX computer system. Detailed information on the calibration and processing routines used are described in Mangum *et al.* (1991) and McTaggart *et al.* (1993).

## 3. DATA PRESENTATION

Potential temperature, sigma-t, and sigma-theta were calculated using the 1980 equation of state algorithms described by Fofonoff and Millard (1983). Dynamic height in dynamic meters was calculated by integrating from the sea surface. When the uppermost pressure was not equal to 0 db, surface values of temperature and salinity were filled with the values associated with the shallowest pressure for which values did exist (provided this pressure was less than 10 db).

Final data are in PMEL's Equatorial Pacific Information Collection (EPIC) format (Soreide *et al.*, 1995). The majority of the plots that follow were produced using Plot Plus Scientific Graphics

System (Denbo, 1992). Tables 2–6 define the abbreviations and units used in the CTD data summary listings. Hydrographic bottle data at discrete depths are listed for each cruise.

## 4. ACKNOWLEDGMENTS

The assistance of the officers and crew of the NOAA ships *Malcolm Baldrige* and *Discoverer* is gratefully acknowledged. Salinity analyses were successfully completed by each ship's survey department personnel. Margie McCarty, Linda Stratton, and LTJG Julia Neander supervised CTD operations and completed preliminary calibrations and processing at sea. This research was supported in part by NOAA's EPOCS program, the U.S. TOGA program, the NOAA Office of Global Programs sponsored Ocean–Atmosphere Carbon Dioxide Exchange program, and the U.S. Joint Global Ocean Flux Study.

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# FIGURES AND TABLES

Fig. 1a. EP1-93-MB cruise track and station locations.

Table 1a. EP1-93-MB CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/DT | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 1 | 8 3.2N | 94 57.5W | 28 FEB 93 | 504 | 61 | 12 | 1929 | 1001 |
| 2 | 5 3.4N | 95 2.5W | 28 FEB 93 | 1758 | 105 | 6 | 3800 | 997 |
| 3 | 3 59.8N | 95 7.2W | 1 MAR 93 | 929 | 338 | 10 | 3404 | 1014 |
| 4 | 2 59.5N | 95 18.5W | 1 MAR 93 | 1651 | 256 | 10 | 2831 | 998 |
| 5 | 1 59.9N | 95 0.1W | 2 MAR 93 | 525 | 231 | 40 | 6750 | 995 |
| 6 | 1 0.6N | 94 59.9W | 3 MAR 93 | 153 | 204 | 4 | 3438 | 998 |
| 7 | 0 3.5S | 94 58.2W | 3 MAR 93 | 758 | 290 | 2 | 3265 | 1014 |
| 8 | 0 59.2S | 94 59.7W | 3 MAR 93 | 1259 | 289 | 8 | 4762 | 1019 |
| 9 | 2 2.0S | 94 59.5W | 3 MAR 93 | 1941 | 165 | 6 | 3300 | 997 |
| 10 | 2 59.6S | 95 0.1W | 4 MAR 93 | 100 | 323 | 6 | 3490 | 997 |
| 11 | 3 59.4S | 94 59.9W | 4 MAR 93 | 619 | 47 | 9 | 3623 | 1004 |
| 12 | 4 56.7S | 95 3.6W | 4 MAR 93 | 1141 | 75 | 16 | 3673 | 1017 |
| 13 | 7 53.6S | 95 7.8W | 5 MAR 93 | 852 | 110 | 20 | 3823 | 1016 |
| 14 | 8 2.5S | 109 55.6W | 8 MAR 93 | 558 | 120 | 19 | 3364 | 998 |
| 15 | 4 58.6S | 109 59.3W | 9 MAR 93 | 2128 | 119 | 20 | 1948 | 998 |
| 16 | 4 0.0S | 110 0.7W | 10 MAR 93 | 1115 | 130 | 16 | 3641 | 1018 |
| 17 | 2 59.8S | 110 0.1W | 10 MAR 93 | 1639 | 70 | 10 | 2048 | 999 |
| 18 | 1 58.5S | 109 59.6W | 10 MAR 93 | 2222 | 93 | 10 | 5319 | 998 |
| 19 | 1 0.1S | 110 0.5W | 11 MAR 93 | 324 | 92 | 14 | 3780 | 1012 |
| 20 | 0 2.5N | 109 57.1W | 11 MAR 93 | 941 | 58 | 12 | 3733 | 1016 |
| 21 | 0 59.9N | 109 59.4W | 11 MAR 93 | 1518 | 112 | 15 | 2035 | 1001 |
| 22 | 2 4.0N | 110 11.7W | 11 MAR 93 | 2156 | 90 | 10 | 3647 | 1000 |
| 23 | 3 0.5N | 110 7.8W | 12 MAR 93 | 301 | 90 | 14 | 3728 | 997 |
| 24 | 3 59.9N | 110 2.7W | 12 MAR 93 | 818 | 62 | 16 | 3823 | 1008 |
| 25 | 4 58.9N | 110 0.1W | 12 MAR 93 | 2003 | 60 | 18 | 2075 | 998 |
| 26 | 8 1.4N | 110 2.3W | 13 MAR 93 | 1909 | 60 | 20 | 2175 | 998 |

Fig. 1b. EP2-93-MB cruise track and station locations.

Table 1b. EP2-93-MB CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/D T | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 1 | 8 56.6N | 140 20.0W | 23 APR 93 | 1026 | 0 | 0 | 5103 | 1019 |
| 2 | 9 0.0N | 140 15.0W | 24 APR 93 | 700 | 60 | 18 | 5020 | 500 |
| 3 | 5 0.3N | 140 2.6W | 25 APR 93 | 308 | 50 | 12 | 4234 | 1000 |
| 4 | 1 59.5N | 139 59.7W | 26 APR 93 | 548 | 115 | 12 | 4258 | 999 |
| 5 | 1 0.3N | 139 58.0W | 26 APR 93 | 1128 | 108 | 12 | 4449 | 1019 |
| 6 | 0 1.8N | 140 0.8W | 27 APR 93 | 619 | 105 | 9 | 4209 | 1000 |
| 7 | 4 58.3S | 139 58.7W | 28 APR 93 | 2203 | 119 | 4 | 4302 | 998 |
| 8 | 2 1.5S | 124 31.8W | 1 MAY 93 | 2136 | 165 | 12 | 0 | 501 |
| 9 | 0 1.3S | 124 21.4W | 2 MAY 93 | 1003 | 104 | 4 | 3976 | 1016 |
| 10 | 1 56.2N | 124 58.1W | 3 MAY 93 | 334 | 60 | 2 | 4545 | 998 |
| 11 | 5 2.3N | 124 59.4W | 3 MAY 93 | 2308 | 103 | 8 | 0 | 1000 |
| 12 | 7 58.3N | 125 0.3W | 4 MAY 93 | 1923 | 5 | 17 | 4654 | 1000 |
| 13 | 0 0.3N | 109 58.2W | 8 MAY 93 | 1115 | 0 | 0 | 3768 | 1182 |

Fig. 1c. TG1-93-DI cruise track and station locations.

Table 1c. TG1-93-DI CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/D T | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 1 | 15 4.4N | 154 48.1W | 27 FEB 93 | 0220 | 66 | 29 | 5531 | 4437 |
| 2 | 7 57.5N | 155 1.5W | 28 FEB 93 | 1014 | 60 | 16 | 5209 | 992 |
| 3 | 5 59.8N | 154 59.8W | 18 FEB 93 | 1951 | 70 | 20 | 4872 | 1006 |
| 4 | 4 58.4N | 154 55.7W | 1 MAR 93 | 142 | 77 | 16 | 4598 | 994 |
| 5 | 4 0.4N | 155 0.2W | 1 MAR 93 | 720 | 80 | 16 | 4681 | 991 |
| 6 | 3 0.1N | 155 0.1W | 1 MAR 93 | 1250 | 100 | 12 | 4736 | 995 |
| 7 | 2 0.1N | 155 6.1W | 2 MAR 93 | 814 | 110 | 10 | 4663 | 994 |
| 8 | 1 0.1N | 155 0.0W | 2 MAR 93 | 1407 | 100 | 15 | 4762 | 993 |
| 9 | 0 1.0N | 155 1.0W | 2 MAR 93 | 2108 | 100 | 10 | 4681 | 993 |
| 10 | 0 59.9S | 155 0.2W | 3 MAR 93 | 312 | 75 | 12 | 4746 | 994 |
| 11 | 1 59.8S | 154 58.1W | 3 MAR 93 | 952 | 55 | 12 | 4973 | 992 |
| 12 | 2 59.5S | 155 0.1W | 3 MAR 93 | 1530 | 25 | 8 | 4974 | 994 |
| 13 | 3 53.2S | 155 0.7W | 3 MAR 93 | 2025 | 5 | 3 | 3791 | 992 |
| 14 | 5 1.8S | 154 58.1W | 4 MAR 93 | 235 | 18 | 7 | 5056 | 992 |
| 15 | 6 0.0S | 154 59.9W | 4 MAR 93 | 732 | 40 | 4 | 5214 | 994 |
| 16 | 6 59.5S | 154 59.6W | 4 MAR 93 | 1238 | 75 | 4 | 5102 | 992 |
| 17 | 8 18.2S | 154 58.7W | 5 MAR 93 | 711 | 350 | 7 | 5261 | 991 |
| 18 | 1 57.8N | 170 2.9W | 9 MAR 93 | 849 | 80 | 10 | 5414 | 2991 |
| 19 | 1 30.0N | 170 0.0W | 9 MAR 93 | 1320 | 70 | 6 | 5489 | 2991 |
| 20 | 0 59.5N | 170 0.1W | 9 MAR 93 | 1829 | 93 | 10 | 5453 | 2117 |
| 21 | 0 30.0N | 170 0.0W | 9 MAR 93 | 2220 | 70 | 10 | 5452 | 994 |
| 22 | 0 3.1S | 170 5.3W | 10 MAR 93 | 952 | 80 | 9 | 5576 | 4989 |
| 23 | 0 30.4S | 170 0.0W | 10 MAR 93 | 1503 | 90 | 7 | 5671 | 2990 |
| 24 | 0 59.8S | 170 0.3W | 10 MAR 93 | 2005 | 80 | 6 | 5340 | 2151 |
| 25 | 2 11.0S | 170 1.0W | 13 MAR 93 | 133 | 60 | 8 | 4997 | 993 |
| 26 | 3 0.0S | 170 0.0W | 13 MAR 93 | 629 | 40 | 12 | 5108 | 993 |
| 27 | 4 0.6S | 170 0.0W | 13 MAR 93 | 1203 | 20 | 10 | 5714 | 993 |
| 28 | 5 2.3S | 170 0.9W | 13 MAR 93 | 1839 | 0 | 8 | 5395 | 991 |
| 29 | 6 0.2S | 170 0.0W | 13 MAR 93 | 2359 | 300 | 5 | 4782 | 991 |
| 30 | 6 59.8S | 170 0.4W | 14 MAR 93 | 623 | 350 | 2 | 4744 | 994 |
| 31 | 8 2.6S | 170 1.5W | 14 MAR 93 | 1240 | 0 | 0 | 5346 | 992 |

Fig. 1d. TG2-93-DI cruise track and station locations.

Table 1d. TG2-93-DI CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/D T | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 1 | 7 57.2S | 179 59.3W | 23 MAR 93 | 1 | 350 | 12 | 5472 | 991 |
| 2 | 4 56.3S | 179 50.1W | 23 MAR 93 | 1812 | 25 | 4 | 5683 | 992 |
| 3 | 3 59.9S | 179 59.9W | 24 MAR 93 | 648 | 0 | 0 | 5783 | 983 |
| 4 | 3 0.0S | 179 59.7W | 24 MAR 93 | 1242 | 20 | 5 | 5056 | 991 |
| 5 | 2 1.6S | 179 49.2W | 24 MAR 93 | 2308 | 50 | 10 | 5326 | 993 |
| 6 | 0 59.5S | 179 59.8W | 25 MAR 93 | 1110 | 60 | 6 | 5303 | 1012 |
| 7 | 0 0.2S | 179 59.9W | 25 MAR 93 | 2135 | 90 | 9 | 5229 | 993 |
| 8 | 0 59.6N | 179 59.7W | 26 MAR 93 | 1108 | 120 | 10 | 5734 | 965 |
| 9 | 1 58.6N | 179 46.3W | 26 MAR 93 | 2200 | 0 | 0 | 5413 | 992 |
| 10 | 5 2.6N | 179 51.9W | 28 MAR 93 | 727 | 55 | 13 | 5507 | 491 |
| 11 | 8 2.1N | 179 56.1W | 29 MAR 93 | 58 | 70 | 18 | 5921 | 494 |
| 12 | 0 0.1N | 169 59.5W | 1 APR 93 | 1714 | 100 | 4 | 5468 | 990 |
| 13 | 1 0.8N | 170 0.2W | 2 APR 93 | 756 | 130 | 11 | 5416 | 992 |
| 14 | 1 59.5N | 169 59.5W | 2 APR 93 | 1337 | 120 | 5 | 5365 | 993 |
| 15 | 2 59.8N | 169 59.9W | 2 APR 93 | 1938 | 110 | 15 | 5430 | 989 |
| 16 | 3 59.0N | 169 59.9W | 3 APR 93 | 132 | 0 | 0 | 5640 | 990 |
| 17 | 5 1.9N | 170 1.4W | 3 APR 93 | 1348 | 0 | 10 | 5663 | 991 |
| 18 | 8 0.6N | 169 59.7W | 4 APR 93 | 2147 | 50 | 21 | 5457 | 994 |

Fig. 1e. EP3-93-DI cruise track and station locations.

Table 1e. EP3-93-DI CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/D T | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 0 | 14 14.9N | 103 30.5W | 27 AUG 93 | 1911 | 0 | 0 | 3197 | 999 |
| 1 | 8 4.4N | 95 1.1W | 29 AUG 93 | 2044 | 270 | 16 | 3530 | 1003 |
| 2 | 7 0.2N | 94 59.8W | 30 AUG 93 | 519 | 290 | 7 | 3686 | 998 |
| 3 | 5 59.8N | 94 59.6W | 30 AUG 93 | 1039 | 230 | 8 | 3595 | 998 |
| 4 | 5 4.3N | 95 0.3W | 30 AUG 93 | 1540 | 200 | 8 | 3596 | 1001 |
| 5 | 4 0.3N | 94 59.9W | 31 AUG 93 | 26 | 180 | 12 | 3477 | 1002 |
| 6 | 2 59.9N | 95 0.0W | 31 AUG 93 | 600 | 180 | 17 | 2712 | 1001 |
| 7 | 2 0.1N | 95 0.5W | 31 AUG 93 | 1129 | 170 | 17 | 3153 | 1009 |
| 8 | 1 58.8N | 94 58.2W | 31 AUG 93 | 2255 | 170 | 15 | 2974 | 1002 |
| 9 | 1 0.7N | 95 1.3W | 1 SEP 93 | 416 | 150 | 11 | 3504 | 1010 |
| 10 | 0 0.0N | 95 0.1W | 1 SEP 93 | 1023 | 135 | 10 | 3345 | 1002 |
| 11 | 1 0.1S | 94 59.9W | 2 SEP 93 | 601 | 155 | 6 | 3325 | 1003 |
| 12 | 1 59.3S | 95 0.5W | 2 SEP 93 | 1127 | 155 | 6 | 3339 | 1000 |
| 13 | 2 0.8S | 94 58.3W | 3 SEP 93 | 18 | 150 | 12 | 3313 | 502 |
| 14 | 3 0.4S | 94 59.9W | 3 SEP 93 | 531 | 130 | 8 | 3548 | 1003 |
| 15 | 3 59.8S | 95 0.3W | 3 SEP 93 | 1044 | 120 | 5 | 3679 | 1002 |
| 16 | 4 58.3S | 95 7.1W | 3 SEP 93 | 1543 | 105 | 13 | 3782 | 1002 |
| 17 | 5 59.8S | 95 0.1W | 4 SEP 93 | 59 | 145 | 11 | 3856 | 1000 |
| 18 | 7 0.0S | 95 0.0W | 4 SEP 93 | 624 | 150 | 10 | 3970 | 1002 |
| 19 | 7 59.3S | 95 8.9W | 4 SEP 93 | 1207 | 155 | 13 | 3958 | 1004 |
| 20 | 8 0.4S | 109 56.8W | 7 SEP 93 | 231 | 115 | 21 | 3479 | 1004 |
| 21 | 7 0.0S | 110 0.0W | 7 SEP 93 | 818 | 115 | 23 | 3536 | 1001 |
| 22 | 6 0.0S | 110 0.3W | 7 SEP 93 | 1351 | 90 | 18 | 3543 | 1010 |
| 23 | 5 0.0S | 110 0.2W | 7 SEP 93 | 1911 | 110 | 16 | 3603 | 1000 |
| 24 | 4 0.5S | 110 0.4W | 8 SEP 93 | 155 | 100 | 13 | 3618 | 1001 |
| 25 | 2 59.4S | 110 0.9W | 8 SEP 93 | 715 | 105 | 17 | 3787 | 1011 |
| 26 | 2 0.7S | 110 0.2W | 9 SEP 93 | 340 | 140 | 14 | 3903 | 1002 |
| 27 | 0 59.5S | 109 59.9W | 9 SEP 93 | 929 | 120 | 12 | 3978 | 1002 |
| 28 | 0 0.0S | 110 0.5W | 10 SEP 93 | 427 | 85 | 7 | 3802 | 1003 |
| 29 | 0 29.9N | 109 59.9W | 10 SEP 93 | 749 | 60 | 11 | 3803 | 1002 |
| 30 | 0 59.8N | 110 0.2W | 10 SEP 93 | 1106 | 110 | 10 | 3821 | 1005 |
| 31 | 1 30.2N | 110 0.6W | 10 SEP 93 | 1428 | 120 | 12 | 3772 | 1002 |
| 32 | 1 59.9N | 110 0.0W | 11 SEP 93 | 735 | 120 | 16 | 3760 | 1000 |
| 33 | 3 0.5N | 110 0.4W | 12 SEP 93 | 214 | 130 | 15 | 3905 | 1004 |
| 34 | 4 0.2N | 109 59.9W | 12 SEP 93 | 641 | 110 | 8 | 3890 | 1000 |
| 35 | 5 0.3N | 109 59.9W | 12 SEP 93 | 1141 | 115 | 4 | 3899 | 1002 |
| 36 | 6 0.1N | 109 59.9W | 12 SEP 93 | 2158 | 0 | 0 | 3709 | 1001 |
| 37 | 7 0.2N | 109 59.9W | 13 SEP 93 | 255 | 0 | 0 | 3763 | 928 |
| 38 | 8 0.2N | 110 9.9W | 13 SEP 93 | 805 | 350 | 4 | 4129 | 1002 |
| 39 | 8 1.9N | 110 9.4W | 14 SEP 93 | 113 | 55 | 11 | 4205 | 502 |
| 40 | 8 59.9N | 109 59.8W | 14 SEP 93 | 608 | 20 | 13 | 4113 | 998 |
| 41 | 10 0.3N | 109 59.8W | 14 SEP 93 | 1109 | 90 | 20 | 3309 | 1001 |

Fig. 1f. EP4-93-DI cruise track and station locations.

Table 1f. EP4-93-DI CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/D T | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 2 | 8 0.1N | 124 59.6W | 30 SEP 93 | 822 | 190 | 8 | 4680 | 1004 |
| 3 | 5 4.3N | 124 58.7W | 1 OCT 93 | 825 | 170 | 7 | 4367 | 1004 |
| 4 | 4 0.0N | 125 0.0W | 1 OCT 93 | 1416 | 140 | 12 | 4485 | 1003 |
| 5 | 2 59.5N | 125 0.1W | 1 OCT 93 | 1958 | 130 | 12 | 4446 | 1500 |
| 6 | 1 53.8N | 125 1.8W | 2 OCT 93 | 207 | 135 | 13 | 4618 | 1002 |
| 7 | 1 0.0N | 125 0.8W | 2 OCT 93 | 711 | 110 | 8 | 4574 | 1000 |
| 8 | 0 2.5N | 124 22.1W | 3 OCT 93 | 643 | 115 | 13 | 4637 | 1000 |
| 9 | 0 59.6S | 124 59.9W | 3 OCT 93 | 1259 | 115 | 10 | 4674 | 1000 |
| 10* | 2 0.0S | 124 53.5W | 4 OCT 93 | 609 | 105 | 18 | 4710 | 1008 |
| 11* | 3 0.0S | 125 0.0W | 4 OCT 93 | 1146 | 110 | 15 | 4541 | 999 |
| 12* | 3 59.6S | 124 59.9W | 4 OCT 93 | 1717 | 90 | 15 | 4432 | 1010 |
| 13* | 5 1.3S | 124 56.0W | 5 OCT 93 | 1950 | 65 | 14 | 4543 | 996 |
| 14* | 6 0.1S | 125 0.0W | 6 OCT 93 | 100 | 90 | 11 | 4796 | 996 |
| 15* | 7 0.1S | 125 0.0W | 6 OCT 93 | 633 | 80 | 13 | 4740 | 997 |
| 16* | 7 57.6S | 125 1.2W | 6 OCT 93 | 1224 | 80 | 11 | 4549 | 999 |
| 17* | 5 0.3S | 139 54.3W | 10 OCT 93 | 127 | 90 | 13 | 4358 | 996 |
| 18* | 3 59.8S | 140 0.1W | 10 OCT 93 | 1122 | 95 | 13 | 4495 | 996 |
| 19* | 3 0.0S | 140 0.2W | 10 OCT 93 | 1639 | 90 | 13 | 4412 | 997 |
| 20* | 1 58.9S | 140 0.6W | 11 OCT 93 | 304 | 65 | 14 | 4175 | 996 |
| 21* | 1 0.0S | 139 59.8W | 12 OCT 93 | 158 | 75 | 12 | 4273 | 1000 |
| 22* | 0 2.1N | 139 59.7W | 13 OCT 93 | 311 | 95 | 19 | 4330 | 999 |
| 23* | 0 59.9N | 140 0.1W | 13 OCT 93 | 828 | 100 | 20 | 4305 | 998 |
| 24* | 2 0.4N | 139 58.7W | 14 OCT 93 | 847 | 120 | 14 | 4376 | 998 |
| 25* | 2 59.5N | 140 0.5W | 15 OCT 93 | 900 | 130 | 13 | 4298 | 997 |
| 26* | 4 0.5N | 139 59.9W | 15 OCT 93 | 1407 | 130 | 11 | 4351 | 997 |
| 27* | 5 1.5N | 140 0.6W | 16 OCT 93 | 353 | 130 | 10 | 4426 | 998 |
| 28* | 8 59.2N | 140 16.8W | 17 OCT 93 | 308 | 200 | 5 | 4836 | 996 |

* SEACAT CTD

Fig. 1g. EP5-93-DI cruise track and station locations.

Table 1g. EP5-93-DI CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/DT | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 1 | 7 55.6N | 154 59.8W | 28 OCT 93 | 1250 | 60 | 8 | 5194 | 1002 |
| 2 | 5 0.9N | 154 56.8W | 30 OCT 93 | 605 | 0 | 0 | 4583 | 1001 |
| 3 | 4 0.4N | 155 0.1W | 30 OCT 93 | 1226 | 150 | 12 | 4668 | 1008 |
| 4 | 2 59.9N | 154 59.8W | 30 OCT 93 | 1741 | 150 | 10 | 4722 | 1003 |
| 5 | 2 0.3N | 155 2.9W | 31 OCT 93 | 55 | 140 | 8 | 4697 | 1001 |
| 6 | 1 0.0N | 155 0.6W | 31 OCT 93 | 639 | 115 | 5 | 4750 | 999 |
| 7 | 0 0.8N | 155 1.1W | 31 OCT 93 | 1618 | 70 | 10 | 4667 | 1003 |
| 8 | 0 59.7S | 154 59.9W | 1 NOV 93 | 1007 | 80 | 8 | 4726 | 1007 |
| 9 | 2 0.0S | 154 56.8W | 1 NOV 93 | 1617 | 75 | 18 | 4969 | 1001 |
| 10 | 3 0.2S | 155 0.2W | 2 NOV 93 | 1058 | 85 | 13 | 4925 | 1002 |
| 11 | 3 56.9S | 155 0.2W | 2 NOV 93 | 1603 | 60 | 15 | 2447 | 1002 |
| 12 | 4 59.3S | 154 58.9W | 3 NOV 93 | 1053 | 110 | 6 | 4889 | 1001 |
| 13 | 8 15.2S | 155 0.2W | 4 NOV 93 | 1935 | 240 | 18 | 5296 | 1002 |
| 14 | 7 55.2N | 170 0.1W | 9 NOV 93 | 1232 | 100 | 6 | 5490 | 5620 |
| 15 | 4 57.4N | 169 57.6W | 10 NOV 93 | 418 | 65 | 7 | 5746 | 1002 |
| 16 | 4 0.3N | 170 0.2W | 10 NOV 93 | 931 | 126 | 26 | 5592 | 1006 |
| 17 | 2 59.9N | 170 0.1W | 10 NOV 93 | 1505 | 140 | 20 | 5445 | 1001 |
| 18 | 1 56.7N | 170 2.2W | 10 NOV 93 | 2140 | 110 | 12 | 5370 | 1006 |
| 19 | 0 0.2N | 170 0.2W | 11 NOV 93 | 654 | 70 | 22 | 5461 | 1002 |
| 20 | 0 59.7S | 170 0.1W | 11 NOV 93 | 1800 | 40 | 16 | 5394 | 1003 |
| 21 | 2 11.5S | 170 1.5W | 12 NOV 93 | 10 | 50 | 14 | 4947 | 1003 |
| 22 | 3 0.0S | 170 0.1W | 12 NOV 93 | 605 | 60 | 17 | 5077 | 1004 |
| 23 | 4 0.1S | 169 59.8W | 12 NOV 93 | 1119 | 75 | 17 | 5634 | 1004 |
| 24 | 5 1.1S | 170 0.1W | 13 NOV 93 | 639 | 70 | 15 | 5374 | 1004 |
| 25 | 8 0.7S | 170 2.2W | 14 NOV 93 | 1059 | 60 | 7 | 5350 | 1002 |

Fig. 1h. EP6-93-DI cruise track and station locations.

Table 1h. EP6-93-DI CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/D T | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 1 | 7 59.0S | 179 56.3W | 21 NOV 93 | 1217 | 330 | 7 | 5533 | 1001 |
| 2 | 4 57.8S | 179 53.6W | 22 NOV 93 | 230 | 35 | 4 | 5620 | 1000 |
| 3 | 1 58.2S | 179 51.4W | 22 NOV 93 | 1613 | 106 | 3 | 0 | 1006 |
| 4 | 1 59.9N | 179 52.1W | 27 NOV 93 | 1446 | 0 | 0 | 5420 | 1007 |
| 5 | 5 1.1N | 179 52.7W | 28 NOV 93 | 636 | 280 | 6 | 5592 | 1003 |
| 6 | 8 0.9N | 179 51.3W | 29 NOV 93 | 438 | 85 | 17 | 5879 | 994 |

Fig. 1i. EP1-94-MB cruise track and station locations.

Table 1i. EP1-94-MB CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/D T | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 1 | 5 2.8N | 94 59.6W | 19 APR 94 | 1936 | 245 | 6 | 3475 | 940 |
| 2 | 3 59.8N | 95 0.5W | 20 APR 94 | 240 | 190 | 12 | 3458 | 985 |
| 3 | 3 0.3N | 95 0.5W | 20 APR 94 | 852 | 175 | 10 | 3032 | 992 |
| 4 | 2 0.0N | 95 1.4W | 21 APR 94 | 444 | 148 | 8 | 3177 | 978 |
| 5 | 1 0.2N | 94 59.9W | 21 APR 94 | 1201 | 150 | 4 | 3243 | 992 |
| 6 | 0 2.2S | 94 56.5W | 21 APR 94 | 1802 | 123 | 5 | 3271 | 991 |
| 7 | 1 0.0S | 94 59.8W | 22 APR 94 | 133 | 120 | 17 | 3319 | 994 |
| 8 | 2 0.9S | 94 57.8W | 22 APR 94 | 734 | 80 | 12 | 3382 | 988 |
| 9 | 4 58.6S | 95 1.4W | 23 APR 94 | 413 | 135 | 18 | 3902 | 1003 |
| 10 | 4 57.4S | 110 03.0W | 26 APR 94 | 327 | 143 | 21 | 1735 | 502 |
| 11 | 4 59.4S | 110 1.7W | 26 APR 94 | 2245 | 130 | 20 | 3557 | 1002 |
| 12 | 8 0.2S | 109 58.5W | 28 APR 94 | 148 | 128 | 13 | 3424 | 999 |
| 13 | 7 59.4S | 124 59.9W | 30 APR 94 | 2104 | 115 | 20 | 4521 | 989 |
| 14 | 4 58.7S | 124 56.0W | 1 MAY 94 | 2103 | 132 | 20 | 4537 | 990 |
| 15 | 4 0.0S | 125 0.4W | 2 MAY 94 | 1321 | 0 | 0 | 0 | 1000 |
| 16 | 2 59.9S | 124 59.8W | 2 MAY 94 | 858 | 110 | 20 | 4548 | 989 |
| 17 | 2 0.9S | 124 54.2W | 2 MAY 94 | 1438 | 100 | 18 | 4670 | 991 |
| 18 | 1 0.1S | 124 59.5W | 2 MAY 94 | 2030 | 85 | 20 | 4597 | 991 |
| 19 | 0 1.2N | 124 19.5W | 3 MAY 94 | 406 | 93 | 16 | 4668 | 1004 |
| 20 | 1 0.2N | 124 41.1W | 3 MAY 94 | 1000 | 80 | 16 | 4649 | 991 |
| 21 | 1 57.9N | 125 4.8W | 4 MAY 94 | 512 | 110 | 14 | 4690 | 1002 |
| 22 | 2 59.9N | 125 0.4W | 4 MAY 94 | 1149 | 110 | 13 | 4520 | 992 |
| 23 | 3 59.9N | 125 0.3W | 4 MAY 94 | 1732 | 120 | 15 | 4550 | 994 |
| 24 | 5 4.9N | 125 0.0W | 5 MAY 94 | 23 | 142 | 16 | 4369 | 1003 |
| 25 | 8 9.0N | 124 55.7W | 6 MAY 94 | 335 | 201 | 12 | 4404 | 1003 |

Fig. 1j. EP2-94-MB cruise track and station locations.

Table 1j. EP2-94-MB CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/D T | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 1 | 9 0.4N | 140 15.5W | 23 MAY 94 | 722 | 90 | 5 | 4836 | 991 |
| 2 | 5 1.7N | 139 59.4W | 24 MAY 94 | 411 | 125 | 13 | 4453 | 992 |
| 3 | 4 0.0N | 140 13.0W | 25 MAY 94 | 959 | 128 | 12 | 4204 | 991 |
| 4 | 1 58.2N | 140 1.5W | 26 MAY 94 | 730 | 95 | 15 | 0 | 995 |
| 5 | 1 0.0N | 139 59.6W | 26 MAY 94 | 1309 | 124 | 14 | 4369 | 990 |
| 6 | 0 1.0N | 139 57.1W | 27 MAY 94 | 955 | 73 | 8 | 4290 | 3942 |
| 7 | 0 1.6N | 139 59.6W | 27 MAY 94 | 445 | 160 | 5 | 4215 | 492 |
| 8 | 4 58.5S | 124 53.0W | 2 JUN 94 | 602 | 112 | 14 | 4865 | 990 |
| 9 | 0 0.2N | 110 1.4W | 7 JUN 94 | 828 | 133 | 12 | 3742 | 989 |
| 10 | 1 0.1N | 110 1.8W | 7 JUN 94 | 1434 | 145 | 12 | 3697 | 990 |
| 11 | 2 3.7N | 110 7.3W | 7 JUN 94 | 2204 | 158 | 24 | 3763 | 990 |
| 12 | 3 0.2N | 110 3.4W | 8 JUN 94 | 336 | 170 | 18 | 3788 | 991 |
| 13 | 4 0.1N | 110 0.8W | 8 JUN 94 | 924 | 162 | 15 | 3840 | 990 |
| 14 | 5 4.8N | 109 57.9W | 9 JUN 94 | 456 | 169 | 16 | 4073 | 993 |
| 15 | 5 3.4N | 94 59.4W | 12 JUN 94 | 1137 | 190 | 18 | 3517 | 1301 |
| 16 | 2 0.8N | 95 0.3W | 13 JUN 94 | 711 | 160 | 13 | 3105 | 1904 |
| 17 | 0 0.5N | 94 54.5W | 14 JUN 94 | 620 | 133 | 12 | 3305 | 988 |

Fig. 1k. TG1-94-DI cruise track and station locations.

Table 1k. TG1-94-DI CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/DT | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 1 | 25 57.6N | 137 28.7W | 11 MAY 94 | 2222 | 60 | 17 | 4842 | 1500 |
| 2 | 7 59.9N | 155 0.1W | 19 MAY 94 | 1558 | 0 | 0 | 5148 | 1018 |
| 3 | 7 57.5N | 155 1.2W | 20 MAY 94 | 217 | 60 | 14 | 5176 | 1003 |
| 4 | 5 1.2N | 154 55.7W | 20 MAY 94 | 1643 | 45 | 7 | 4546 | 4617 |
| 5 | 4 0.7N | 154 59.4W | 21 MAY 94 | 412 | 320 | 3 | 986 | 1001 |
| 6 | 3 0.1N | 154 59.8W | 21 MAY 94 | 950 | 160 | 10 | 4722 | 1009 |
| 7 | 2 0.8N | 155 6.2W | 21 MAY 94 | 1507 | 150 | 6 | 4668 | 1003 |
| 8 | 0 59.6N | 154 59.9W | 22 MAY 94 | 1045 | 85 | 8 | 4748 | 1001 |
| 9 | 0 0.0S | 155 0.0W | 22 MAY 94 | 1555 | 95 | 8 | 4660 | 1000 |
| 10 | 1 0.1S | 155 0.1W | 23 MAY 94 | 127 | 60 | 8 | 1005 | 1009 |
| 11 | 1 59.5S | 155 0.1W | 23 MAY 94 | 948 | 70 | 10 | 4972 | 1002 |
| 12 | 3 40.3S | 150 15.9W | 24 MAY 94 | 1117 | 80 | 10 | 4591 | 1001 |
| 13 | 4 7.0S | 154 56.0W | 25 MAY 94 | 627 | 100 | 14 | 2337 | 1008 |
| 14 | 4 53.6S | 154 59.2W | 25 MAY 94 | 1141 | 100 | 17 | 5005 | 1005 |
| 15 | 8 17.0S | 155 0.3W | 27 MAY 94 | 212 | 45 | 8 | 990 | 1002 |
| 16 | 0 3.2S | 170 0.7W | 30 MAY 94 | 1516 | 110 | 5 | 5454 | 1005 |
| 17 | 1 0.2S | 169 59.9W | 30 MAY 94 | 2013 | 125 | 8 | 5403 | 1006 |
| 18 | 2 10.3S | 170 3.6W | 31 MAY 94 | 820 | 110 | 8 | 4975 | 1008 |
| 19 | 3 0.0S | 170 0.2W | 1 JUN 94 | 359 | 55 | 12 | 5077 | 1003 |
| 20 | 4 0.0S | 170 0.0W | 1 JUN 94 | 902 | 50 | 7 | 5728 | 1003 |
| 21 | 4 56.1S | 170 1.3W | 1 JUN 94 | 1511 | 40 | 11 | 5379 | 5462 |
| 22 | 8 0.6S | 170 2.8W | 2 JUN 94 | 950 | 40 | 7 | 5350 | 1003 |
| 23 | 7 59.8S | 179 57.3W | 4 JUN 94 | 202 | 35 | 13 | 5541 | 1002 |
| 24 | 5 3.2S | 179 54.2W | 4 JUN 94 | 1623 | 90 | 12 | 5694 | 5848 |
| 25 | 4 0.0S | 179 59.9W | 5 JUN 94 | 1340 | 150 | 4 | 5736 | 1004 |
| 26 | 3 0.0S | 179 59.9E | 5 JUN 94 | 1914 | 110 | 5 | 5079 | 1004 |
| 27 | 2 2.0S | 179 54.9W | 6 JUN 94 | 657 | 70 | 15 | 5223 | 1002 |
| 28 | 1 0.3S | 179 51.9W | 7 JUN 94 | 442 | 110 | 15 | 1002 | 1002 |
| 29 | 0 5.1S | 179 58.0W | 7 JUN 94 | 944 | 120 | 15 | 5241 | 1007 |
| 30 | 1 0.0N | 179 50.0W | 8 JUN 94 | 1035 | 140 | 11 | 5795 | 1004 |
| 31 | 1 59.3N | 179 51.0W | 8 JUN 94 | 1542 | 45 | 7 | 1003 | 1003 |
| 32 | 2 59.8N | 179 53.8W | 9 JUN 94 | 955 | 80 | 20 | 5603 | 1004 |
| 33 | 4 0.0N | 179 54.0W | 9 JUN 94 | 1456 | 90 | 15 | 5711 | 1002 |
| 34 | 4 59.8N | 179 54.3W | 10 JUN 94 | 900 | 60 | 22 | 5625 | 1008 |
| 35 | 8 0.0N | 179 54.5W | 11 JUN 94 | 25 | 90 | 11 | 5909 | 1013 |
| 37 | 2 59.8N | 170 0.1W | 14 JUN 94 | 354 | 140 | 7 | 991 | 1005 |
| 38 | 4 0.2N | 169 59.5W | 14 JUN 94 | 857 | 160 | 5 | 5626 | 1007 |
| 39 | 4 56.6N | 169 57.1W | 14 JUN 94 | 1514 | 300 | 5 | 5701 | 5853 |
| 40 | 7 58.2N | 170 2.2W | 15 JUN 94 | 2235 | 100 | 12 | 5537 | 1000 |

Fig. 11. EP3-94-MB cruise track and station locations.

Table 11. EP3-94-MB CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/D T | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 1 | 7 56.5N | 94 57.3W | 8 AUG 94 | 535 | 248 | 13 | 3530 | 1000 |
| 2 | 6 59.9N | 95 0.1W | 8 AUG 94 | 1134 | 226 | 20 | 3540 | 999 |
| 3 | 5 59.6N | 94 59.4W | 8 AUG 94 | 1717 | 204 | 18 | 3595 | 1013 |
| 4 | 4 59.5N | 94 59.5W | 8 AUG 94 | 2253 | 206 | 21 | 3542 | 1000 |
| 5 | 3 59.8N | 94 59.9W | 9 AUG 94 | 415 | 185 | 19 | 3345 | 1004 |
| 6 | 3 0.4N | 95 0.2W | 9 AUG 94 | 945 | 177 | 14 | 3156 | 1000 |
| 7 | 1 59.8N | 95 0.4W | 10 AUG 94 | 347 | 165 | 15 | 2612 | 1004 |
| 8 | 1 0.0N | 94 58.6W | 10 AUG 94 | 949 | 158 | 15 | 2462 | 1003 |
| 9 | 0 1.7S | 94 55.4W | 10 AUG 94 | 1646 | 171 | 6 | 3310 | 2999 |
| 10 | 1 1.1S | 94 56.8W | 11 AUG 94 | 146 | 155 | 12 | 3404 | 2999 |
| 11 | 1 59.2S | 95 0.8W | 11 AUG 94 | 810 | 187 | 4 | 3328 | 201 |
| 12 | 1 59.2S | 95 1.0W | 11 AUG 94 | 935 | 187 | 4 | 3328 | 2999 |
| 13 | 1 58.4S | 94 59.9W | 12 AUG 94 | 105 | 162 | 12 | 3370 | 500 |
| 14 | 3 0.0S | 95 0.0W | 12 AUG 94 | 651 | 140 | 16 | 3574 | 1000 |
| 15 | 3 59.6S | 95 0.5W | 12 AUG 94 | 1228 | 142 | 23 | 3687 | 1000 |
| 16 | 4 57.8S | 95 1.3W | 12 AUG 94 | 1832 | 120 | 18 | 3645 | 1004 |
| 17 | 6 0.0S | 95 1.3W | 13 AUG 94 | 117 | 130 | 21 | 2027 | 1006 |
| 18 | 7 0.0S | 95 0.1W | 13 AUG 94 | 639 | 125 | 20 | 3366 | 1000 |
| 19 | 7 57.6S | 95 3.3W | 13 AUG 94 | 2022 | 134 | 21 | 3958 | 1003 |
| 20 | 1 59.2S | 110 0.6W | 17 AUG 94 | 607 | 105 | 16 | 3972 | 1003 |
| 21 | 0 59.9S | 110 1.4W | 17 AUG 94 | 1153 | 115 | 15 | 3999 | 999 |
| 22 | 0 0.1S | 110 1.8W | 17 AUG 94 | 1946 | 115 | 16 | 3696 | 2999 |
| 23 | 0 29.9N | 110 3.4W | 17 AUG 94 | 2333 | 120 | 20 | 3815 | 1003 |
| 24 | 0 59.9N | 110 4.7W | 18 AUG 94 | 245 | 121 | 21 | 3760 | 1006 |
| 25 | 1 29.6N | 110 6.3W | 18 AUG 94 | 600 | 120 | 20 | 3788 | 1004 |
| 26 | 2 1.2N | 110 8.4W | 18 AUG 94 | 958 | 135 | 19 | 3894 | 3000 |

Fig. 1m. EP4-94-MB cruise track and station locations.

Table 1m. EP4-94-MB CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/D T | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 1 | 8 8.8N | 124 54.6W | 4 SEP 94 | 1743 | 182 | 18 | 4445 | 1005 |
| 2 | 6 59.9N | 124 56.6W | 5 SEP 94 | 17 | 175 | 14 | 3847 | 1006 |
| 3 | 6 0.0N | 124 57.1W | 5 SEP 94 | 606 | 155 | 15 | 4426 | 1011 |
| 4 | 5 4.6N | 125 1.0W | 5 SEP 94 | 1134 | 159 | 18 | 4415 | 1000 |
| 5 | 5 5.3N | 124 58.0W | 6 SEP 94 | 245 | 165 | 16 | 4386 | 1012 |
| 6 | 3 59.9N | 125 0.6W | 6 SEP 94 | 941 | 160 | 26 | 4415 | 1001 |
| 7 | 3 0.2N | 125 2.3W | 6 SEP 94 | 1542 | 157 | 24 | 4455 | 998 |
| 8 | 1 58.8N | 125 5.7W | 6 SEP 94 | 2235 | 145 | 18 | 4699 | 969 |
| 9 | 1 0.1N | 124 44.2W | 7 SEP 94 | 530 | 120 | 20 | 4588 | 1008 |
| 10 | 0 0.2N | 124 28.1W | 7 SEP 94 | 1215 | 130 | 20 | 4468 | 1500 |
| 11 | 0 14.8S | 124 28.2W | 8 SEP 94 | 800 | 120 | 22 | 2421 | 500 |
| 12 | 1 0.1S | 124 37.9W | 8 SEP 94 | 1310 | 155 | 13 | 4651 | 998 |
| 13 | 2 5.3S | 124 54.0W | 9 SEP 94 | 741 | 125 | 12 | 4778 | 1000 |
| 14 | 3 0.0S | 124 52.6W | 9 SEP 94 | 1336 | 88 | 20 | 4639 | 1000 |
| 15 | 4 0.0S | 124 52.9W | 9 SEP 94 | 1929 | 115 | 20 | 4556 | 1001 |
| 16 | 4 58.8S | 124 54.6W | 10 SEP 94 | 202 | 87 | 20 | 4542 | 1005 |
| 17 | 5 59.6S | 124 55.7W | 10 SEP 94 | 811 | 110 | 18 | 4556 | 1000 |
| 18 | 7 0.2S | 124 58.5W | 10 SEP 94 | 1418 | 70 | 26 | 4665 | 1001 |
| 19 | 7 59.8S | 124 59.1W | 11 SEP 94 | 614 | 85 | 20 | 4521 | 3001 |
| 20 | 7 59.2S | 125 0.8W | 11 SEP 94 | 2027 | 80 | 18 | 4520 | 499 |
| 21 | 7 58.4S | 125 1.3W | 12 SEP 94 | 2045 | 84 | 17 | 4474 | 499 |
| 22 | 8 0.3S | 109 58.2W | 16 SEP 94 | 309 | 110 | 20 | 3400 | 1011 |
| 23 | 7 0.0S | 109 58.9W | 16 SEP 94 | 910 | 114 | 14 | 3468 | 1000 |
| 24 | 6 0.0S | 109 58.7W | 16 SEP 94 | 1451 | 126 | 21 | 3337 | 998 |
| 25 | 4 58.5S | 109 59.9W | 16 SEP 94 | 2112 | 162 | 14 | 3583 | 998 |
| 26 | 3 59.7S | 109 59.9W | 17 SEP 94 | 240 | 145 | 14 | 3693 | 1006 |
| 27 | 3 0.1S | 109 58.8W | 17 SEP 94 | 816 | 98 | 15 | 3864 | 1006 |
| 28 | 2 0.4S | 109 59.5W | 17 SEP 94 | 1400 | 117 | 16 | 3864 | 1001 |
| 29 | 0 59.6S | 110 0.3W | 17 SEP 94 | 1958 | 116 | 11 | 3980 | 1001 |
| 30 | 0 0.8N | 109 59.7W | 18 SEP 94 | 603 | 170 | 4 | 3817 | 3005 |
| 31 | 0 0.1N | 110 2.3W | 19 SEP 94 | 120 | 160 | 11 | 3742 | 1009 |
| 32 | 5 1.8N | 94 58.9W | 22 SEP 94 | 804 | 210 | 17 | 3574 | 3005 |

Fig. 1n. TG2-94-DI cruise track and station locations.

Table 1n. TG2-94-DI CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/D T | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 1 | 8 59.0N | 140 14.1W | 8 OCT 94 | 2020 | 340 | 4 | 4852 | 1003 |
| 2 | 5 3.6N | 139 59.9W | 9 OCT 94 | 1256 | 220 | 12 | 4213 | 4274 |
| 3 | 4 0.1N | 140 0.0W | 10 OCT 94 | 833 | 155 | 18 | 4349 | 1010 |
| 4 | 2 59.8N | 140 0.1W | 10 OCT 94 | 1346 | 155 | 17 | 4301 | 1003 |
| 5 | 1 57.6N | 140 0.2W | 10 OCT 94 | 1959 | 145 | 18 | 4373 | 1004 |
| 6 | 1 0.2N | 140 0.2W | 11 OCT 94 | 45 | 0 | 0 | 0 | 1002 |
| 7 | 0 5.2N | 139 57.9W | 11 OCT 94 | 606 | 105 | 13 | 4316 | 4005 |
| 8 | 0 59.9S | 140 0.0W | 12 OCT 94 | 1251 | 100 | 15 | 4275 | 1002 |
| 9 | 1 59.8S | 139 58.0W | 13 OCT 94 | 555 | 95 | 14 | 4318 | 1002 |
| 10 | 2 59.9S | 140 0.1W | 13 OCT 94 | 1056 | 90 | 13 | 4495 | 1005 |
| 11 | 4 0.0S | 140 0.0W | 13 OCT 94 | 1542 | 90 | 13 | 4475 | 1004 |
| 12 | 4 58.5S | 139 59.0W | 14 OCT 94 | 302 | 120 | 16 | 3984 | 4011 |
| 13 | 8 15.4S | 155 0.1W | 17 OCT 94 | 724 | 70 | 17 | 5298 | 1001 |
| 14 | 7 0.2S | 155 0.2W | 17 OCT 94 | 1321 | 60 | 11 | 5113 | 1001 |
| 15 | 6 0.0S | 155 0.0W | 17 OCT 94 | 1824 | 70 | 11 | 5217 | 1002 |
| 16 | 4 57.3S | 155 2.2W | 18 OCT 94 | 836 | 100 | 9 | 4625 | 4454 |
| 17 | 4 4.5S | 154 59.0W | 19 OCT 94 | 327 | 95 | 15 | 2686 | 1002 |
| 18 | 3 0.0S | 155 0.0W | 19 OCT 94 | 837 | 115 | 17 | 4930 | 1003 |
| 19 | 2 2.8S | 155 0.6W | 19 OCT 94 | 1413 | 120 | 9 | 4598 | 4654 |
| 20 | 1 29.6S | 155 0.0W | 20 OCT 94 | 701 | 75 | 15 | 4803 | 1005 |
| 21 | 0 59.8S | 155 0.0W | 20 OCT 94 | 1002 | 65 | 12 | 4745 | 1001 |
| 22 | 0 28.9S | 155 0.0W | 20 OCT 94 | 1300 | 70 | 9 | 4875 | 1001 |
| 23 | 0 4.6N | 155 0.6W | 21 OCT 94 | 604 | 50 | 4 | 4632 | 4428 |
| 24 | 0 30.3N | 155 0.0W | 21 OCT 94 | 936 | 130 | 14 | 4765 | 1005 |
| 25 | 1 0.0N | 155 0.5W | 21 OCT 94 | 1233 | 75 | 15 | 4745 | 1000 |
| 26 | 1 30.0N | 155 0.1W | 21 OCT 94 | 1520 | 100 | 9 | 995 | 1004 |
| 27 | 2 3.3N | 155 0.3W | 21 OCT 94 | 1949 | 90 | 12 | 4713 | 4505 |
| 28 | 3 0.0N | 155 0.0W | 22 OCT 94 | 124 | 100 | 8 | 4724 | 1002 |
| 29 | 3 59.9N | 155 0.0W | 22 OCT 94 | 625 | 100 | 4 | 4668 | 1003 |
| 30 | 4 56.2N | 154 56.0W | 22 OCT 94 | 1302 | 120 | 6 | 4592 | 4394 |
| 31 | 6 0.0N | 155 0.0W | 23 OCT 94 | 816 | 105 | 10 | 4862 | 1002 |
| 32 | 7 0.2N | 154 59.8W | 23 OCT 94 | 1255 | 130 | 7 | 4978 | 1003 |
| 33 | 7 56.5N | 154 59.2W | 23 OCT 94 | 1716 | 160 | 8 | 1134 | 1002 |
| 34 | 9 0.0N | 155 0.0W | 23 OCT 94 | 2345 | 100 | 8 | 5274 | 1003 |
| 35 | 10 0.2N | 155 0.0W | 24 OCT 94 | 432 | 100 | 11 | 5362 | 1002 |
| 36 | 10 59.9N | 155 0.0W | 24 OCT 94 | 922 | 75 | 15 | 5288 | 1001 |

Fig. 1o. TG3-94-DI cruise track and station locations.

Table 1o. TG3-94-DI CTD cast summary.

| CAST # | LATITUDE | LONGITUDE | DATE | TIME | W/D T | W/S (kts) | DEPTH (m) | CAST (db) |
|---|---|---|---|---|---|---|---|---|
| 1 | 8 0.0N | 169 56.6W | 4 NOV 94 | 1244 | 270 | 9 | 5368 | 3003 |
| 2 | 5 2.8N | 169 57.9W | 5 NOV 94 | 1359 | 285 | 7 | 5673 | 1001 |
| 3 | 3 59.9N | 170 0.0W | 5 NOV 94 | 1942 | 295 | 7 | 5642 | 1003 |
| 4 | 3 0.1N | 170 0.1W | 6 NOV 94 | 47 | 325 | 4 | 5443 | 1001 |
| 5 | 2 29.8N | 170 0.1W | 6 NOV 94 | 343 | 350 | 5 | 5325 | 1003 |
| 6 | 2 0.0N | 170 1.0W | 6 NOV 94 | 702 | 55 | 9 | 5373 | 1002 |
| 7 | 1 30.1N | 170 0.0W | 6 NOV 94 | 1007 | 130 | 5 | 5497 | 1003 |
| 8 | 1 0.2N | 169 59.9W | 6 NOV 94 | 1309 | 120 | 6 | 5417 | 1004 |
| 9 | 0 29.8N | 169 59.8W | 6 NOV 94 | 1613 | 90 | 10 | 5409 | 1003 |
| 10 | 0 5.1S | 170 2.2W | 6 NOV 94 | 2021 | 120 | 12 | 5503 | 3003 |
| 11 | 0 29.9S | 169 59.7W | 6 NOV 94 | 2335 | 120 | 7 | 5705 | 1001 |
| 12 | 0 59.7S | 169 59.9W | 7 NOV 94 | 347 | 125 | 6 | 5346 | 5052 |
| 13 | 1 30.2S | 169 59.6W | 7 NOV 94 | 843 | 105 | 3 | 5233 | 3005 |
| 14 | 2 10.1S | 170 4.0W | 8 NOV 94 | 648 | 70 | 5 | 5045 | 4853 |
| 15 | 2 30.1S | 170 0.0W | 9 NOV 94 | 52 | 0 | 0 | 5546 | 1004 |
| 16 | 3 0.0S | 170 0.0W | 9 NOV 94 | 349 | 0 | 0 | 5088 | 1000 |
| 17 | 4 0.2S | 170 0.0W | 9 NOV 94 | 833 | 0 | 0 | 5705 | 1002 |
| 18 | 4 57.1S | 169 59.9W | 9 NOV 94 | 1342 | 145 | 8 | 5351 | 3003 |
| 19 | 7 56.8S | 170 1.8W | 10 NOV 94 | 1317 | 0 | 0 | 5334 | 5101 |
| 20 | 8 0.0S | 179 59.0W | 13 NOV 94 | 736 | 60 | 8 | 5530 | 5303 |
| 21 | 4 56.3S | 179 57.4W | 15 NOV 94 | 702 | 85 | 5 | 5630 | 5452 |
| 22 | 4 0.0S | 179 54.0W | 15 NOV 94 | 1245 | 35 | 5 | 6018 | 1004 |
| 23 | 3 0.0S | 179 54.0W | 15 NOV 94 | 1725 | 305 | 15 | 5416 | 1003 |
| 24 | 2 29.8S | 179 53.8W | 15 NOV 94 | 2023 | 105 | 17 | 5409 | 1000 |
| 25 | 1 56.2S | 179 53.7W | 16 NOV 94 | 135 | 300 | 4 | 5390 | 5102 |
| 26 | 1 30.1S | 179 53.8W | 16 NOV 94 | 517 | 0 | 0 | 5199 | 1000 |
| 27 | 0 59.8S | 179 53.4W | 16 NOV 94 | 815 | 260 | 4 | 5326 | 1001 |
| 28 | 0 29.8S | 179 53.7W | 16 nov 94 | 1116 | 300 | 6 | 4564 | 1002 |
| 29 | 0 1.2S | 179 52.5W | 16 NOV 94 | 1517 | 260 | 4 | 5298 | 5103 |
| 30 | 0 30.3N | 179 53.7W | 17 NOV 94 | 709 | 220 | 7 | 5681 | 1001 |
| 31 | 1 0.1N | 179 54.0W | 17 NOV 94 | 1013 | 0 | 0 | 5739 | 1005 |
| 32 | 1 30.2N | 179 53.8W | 17 NOV 94 | 1308 | 0 | 0 | 5565 | 1003 |
| 33 | 1 56.9N | 179 50.3W | 17 NOV 94 | 1630 | 0 | 0 | 5592 | 3004 |
| 34 | 2 30.3N | 179 53.7W | 17 NOV 94 | 2056 | 0 | 0 | 5242 | 1002 |
| 35 | 3 0.2N | 179 53.9W | 17 NOV 94 | 2355 | 0 | 0 | 5607 | 1048 |
| 36 | 3 59.8N | 179 53.8W | 18 NOV 94 | 429 | 275 | 5 | 5703 | 1000 |
| 37 | 5 3.2N | 179 52.7W | 18 NOV 94 | 943 | 0 | 0 | 5674 | 1001 |
| 38 | 8 0.5N | 179 50.2W | 19 NOV 94 | 512 | 0 | 0 | 5865 | 5707 |

Fig. 2. EP1-93-MB spring and EP3-93-DI fall potential temperature (°C) sections along 95°W. Contour intervals are 1°C.

Fig. 3. EP1-94-MB spring, EP2-94-MB summer, and EP3-94-MB summer potential temperature (°C) sections along 95°W. Contour intervals are 1°C.

Fig. 4. EP1-93-MB spring and EP3-93-DI fall salinity (PSS-78) sections along 95°W. Contour intervals are 0.1.

Fig. 5. EP1-94-MB spring, EP2-94-MB summer, and EP3-94-MB summer salinity (PSS-78) sections along 95°W. Contour intervals are 0.1.

Fig. 6. EP1-93-MB spring and EP3-93-DI fall potential density (kg/m$^3$) sections along 95°W. At potential density less than 26.0, contour intervals are 0.5, and at greater than 26.0, intervals are 0.2.

Fig. 7. EP1-94-MB spring, EP2-94-MB summer, and EP3-94-MB summer potential density (kg/m$^3$) sections along 95°W. At potential density less than 26.0, contour intervals are 0.5, and at greater than 26.0, intervals are 0.2.

Fig. 8. EP1-93-MB spring and EP3-93-DI fall potential temperature (°C) sections along 110°W. Contour intervals are 1°C.

Fig. 9. EP2-94-MB summer, EP3-94-MB summer, and EP4-94-MB fall potential temperature (°C) sections along 110°W. Contour intervals are 1°C.

Fig. 10. EP1-93-MB spring and EP3-93-DI fall salinity (PSS-78) sections along 110°W. Contour intervals are 0.1.

Fig. 11. EP2-94-MB summer, EP3-94-MB summer, and EP4-94-MB fall salinity (PSU) sections along 110°W. Contour intervals are 0.1.

Fig. 12. EP1-93-MB spring and EP3-93-DI fall potential density (kg/m$^3$) sections along 110°W. At potential density less than 26.0, contour intervals are 0.5, and at greater than 26.0, intervals are 0.2.

Fig. 13. EP2-94-MB summer, EP3-94-MB summer, and EP4-94-MB fall potential density (kg/m$^3$) sections along 110°W. At potential density less than 26.0, contour intervals are 0.5, and at greater than 26.0, intervals are 0.2.

Fig. 14. EP2-93-MB spring and EP4-93-DI fall potential temperature (°C) sections along 125°W. Contour intervals are 1°C.

Fig. 15. EP1-94-MB spring and EP4-94-MB fall potential temperature (°C) sections along 125°W. Contour intervals are 1°C.

Fig. 16. EP2-93-MB spring and EP4-93-DI fall salinity (PSS-78) sections along 125°W. Contour intervals are 0.1.

Fig. 17. EP1-94-MB spring and EP4-94-MB fall salinity (PSS-78) sections along 125°W. Contour intervals are 0.1.

Fig. 18. EP2-93-MB spring and EP4-93-DI fall potential density (kg/m$^3$) sections along 125°W. At potential density less than 26.0, contour intervals are 0.5, and at greater than 26.0, intervals are 0.2.

Fig. 19. EP1-94-MB spring and EP4-94-MB fall potential density (kg/m$^3$) sections along 125°W. At potential density less than 26.0, contour intervals are 0.5, and at greater than 26.0, intervals are 0.2.

Fig. 20. EP2-93-MB spring and EP4-93-DI fall potential temperature (°C) sections along 140°W. Contour intervals are 1°C.

Fig. 21. EP2-94-MB spring and TG2-94-DI fall potential temperature (°C) sections along 140°W. Contour intervals are 1°C.

Fig. 22. EP2-93-MB spring and EP4-93-DI fall salinity (PSS-78) sections along 140°W. Contour intervals are 0.1.

Fig. 23. EP2-94-MB spring and TG2-94-DI fall salinity (PSS-78) sections along 140°W. Contour intervals are 0.1.

Fig. 24. EP2-93-MB spring and EP4-93-DI fall potential density (kg/m$^3$) sections along 140°W. At potential density less than 26.0, contour intervals are 0.5, and at greater than 26.0, intervals are 0.2.

Fig. 25. EP2-94-MB spring and TG2-94-DI fall potential density (kg/m$^3$) sections along 140°W. At potential density less than 26.0, contour intervals are 0.5, and at greater than 26.0, intervals are 0.2.

Fig. 26. TG1-93-DI spring and EP5-93-DI fall potential temperature (°C) sections along 155°W. Contour intervals are 1°C.

Fig. 27. TG1-94-DI spring and TG2-94-DI fall potential temperature (°C) sections along 155°W. Contour intervals are 1°C.

Fig. 28. TG1-93-DI spring and EP5-93-DI fall salinity (PSS-78) sections along 155°W. Contour intervals are 0.1.

Fig. 29. TG1-94-DI spring and TG2-94-DI fall salinity (PSS-78) sections along 155°W. Contour intervals are 0.1.

Fig. 30. TG1-93-DI spring and EP5-93-DI fall potential density (kg/m$^3$) sections along 155°W. At potential density less than 26.0, contour intervals are 0.5, and at greater than 26.0, intervals are 0.2.

Fig. 31. TG1-94-DI spring and TG2-94-DI fall potential density (kg/m$^3$) sections along 155°W. At potential density less than 26.0, contour intervals are 0.5, and at greater than 26.0, intervals are 0.2.

Fig. 32. TG1-93-DI spring, TG2-93-DI spring, and EP5-93-DI fall potential temperature (°C) sections along 170°W. Contour intervals are 1°C.

Fig. 33. TG1-94-DI spring and TG3-94-DI fall potential temperature (°C) sections along 170°W. Contour intervals are 1°C.

Fig. 34. TG1-93-DI spring, TG2-93-DI spring, and EP5-93-DI fall salinity (PSS-78) sections along 170°W. Contour intervals are 0.1.

Fig. 35. TG1-94-DI spring and TG3-94-DI fall salinity (PSS-78) sections along 170°W. Contour intervals are 0.1.

Fig. 36. TG1-93-DI spring, TG2-93-DI spring, and EP5-93-DI fall potential density (kg/m$^3$) sections along 170°W. At potential density less than 26.0, contour intervals are 0.5, and at greater than 26.0, intervals are 0.2.

Fig. 37. TG1-94-DI spring and TG3-94-DI fall potential density (kg/m$^3$) sections along 170°W. At potential density less than 26.0, contour intervals are 0.5, and at greater than 26.0, intervals are 0.2.

Fig. 38. TG2-93-DI spring and EP6-93-DI fall potential temperature (°C) sections along 180°W. Contour intervals are 1°C.

Fig. 39. TG1-94-DI spring and TG3-94-DI fall potential temperature (°C) sections along 180°W. Contour intervals are 1°C.

Fig. 40. TG2-93-DI spring and EP6-93-DI fall salinity (PSS-78) sections along 180°W. Contour intervals are 0.1.

Fig. 41. TG1-94-DI spring and TG3-94-DI fall salinity (PSS-78) sections along 180°W. Contour intervals are 0.1.

Fig. 42. TG2-93-DI spring and EP6-93-DI fall potential density (kg/m$^3$) sections along 180°W. At potential density less than 26.0, contour intervals are 0.5, and at greater than 26.0, intervals are 0.2.

Fig. 43. TG1-94-DI spring and TG3-94-DI fall potential density (kg/m$^3$) sections along 180°W. At potential density less than 26.0, contour intervals are 0.5, and at greater than 26.0, intervals are 0.2.

Table 2. Weather condition code used to describe each set of CTD measurements.

| Code | Weather Condition |
|---|---|
| 0 | Clear (no cloud) |
| 1 | Partly cloudy |
| 2 | Continuous layer(s) of cloud(s) |
| 3 | Sandstorm, dust storm, or blowing snow |
| 4 | Fog, thick dust or haze |
| 5 | Drizzle |
| 6 | Rain |
| 7 | Snow, or rain and snow mixed |
| 8 | Shower(s) |
| 9 | Thunderstorms |

Table 3. Sea state code used to describe each set of CTD measurements.

| Code | Height (meters) | Description |
|---|---|---|
| 0 | 0 | Calm-glassy |
| 1 | 0–0.1 | Calm-rippled |
| 2 | 0.1–0.5 | Smooth-wavelet |
| 3 | 0.5–1.25 | Slight |
| 4 | 1.25–2.5 | Moderate |
| 5 | 2.5–4 | Rough |
| 6 | 4–6 | Very rough |
| 7 | 6–9 | High |
| 8 | 9–14 | Very high |
| 9 | >14 | Phenomenal |

Table 4. Visibility code used to describe each set of CTD measurements.

| Code | Visibility |
|---|---|
| 0 | <50 meters |
| 1 | 50–200 meters |
| 2 | 200–500 meters |
| 3 | 500–1,000 meters |
| 4 | 1–2 km |
| 5 | 2–4 km |
| 6 | 4–10 km |
| 7 | 10–20 km |
| 8 | 20–50 km |
| 9 | 50 km or more |

Table 5. Cloud type.

| Code | Cloud Types |
|---|---|
| 0 | Cirrus |
| 1 | Cirrocumulus |
| 2 | Cirrostratus |
| 3 | Altocumulus |
| 4 | Altostratus |
| 5 | Nimbostratus |
| 6 | Stratocumulus |
| 7 | Stratus |
| 8 | Cumulus |
| 9 | Cumulonimbus |
| X | Clouds not visible |

Table 6. Cloud amount.

| Code | Cloud Amount |
|---|---|
| 0 | 0 |
| 1 | 1/10 or less but not zero |
| 2 | 2/10–3/10 |
| 3 | 4/10 |
| 4 | 5/10 |
| 5 | 6/10 |
| 6 | 7/10–8/10 |
| 7 | 9/10 |
| 8 | 10/10 |
| 9 | Sky obscured or not determined |

# EP1-93-MB
# February 24-March 18, 1993
# CTD and Hydrographic Data Summary

CAST EP1-93-MB -001 DATE 28 FEB 93 TIME 0504 GMT

LAT 08 03.2N LONG 094 57.5W

CAST EP1-93-MB -001 DATE 28 FEB 93 TIME 0504 GMT
LAT 08 03.2N LONG 094 57.5W WEATHER 0 SEA STATE 0
BAROMETER 14 WIND DIR 061 T SPD 12 KT VISIBILITY 0
CLOUD 0 AMOUNT 0 DRY 28.5 WET 24.3 DEPTH 1929 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.368 | 33.987 | 21.839 | 0.000 |
| 10 | 27.271 | 33.983 | 21.868 | 0.060 |
| 20 | 26.761 | 33.989 | 22.035 | 0.118 |
| 30 | 26.666 | 33.995 | 22.069 | 0.176 |
| 40 | 20.074 | 34.594 | 24.434 | 0.221 |
| 50 | 18.173 | 34.661 | 24.970 | 0.253 |
| 60 | 15.517 | 34.695 | 25.623 | 0.280 |
| 70 | 14.608 | 34.666 | 25.800 | 0.303 |
| 80 | 14.163 | 34.682 | 25.908 | 0.324 |
| 90 | 13.933 | 34.733 | 25.996 | 0.345 |
| 100 | 13.541 | 34.730 | 26.074 | 0.365 |
| 110 | 12.921 | 34.726 | 26.197 | 0.384 |
| 120 | 12.551 | 34.713 | 26.260 | 0.402 |
| 130 | 12.445 | 34.730 | 26.294 | 0.420 |
| 140 | 12.470 | 34.772 | 26.322 | 0.437 |
| 150 | 12.473 | 34.795 | 26.339 | 0.454 |
| 160 | 12.426 | 34.795 | 26.348 | 0.471 |
| 170 | 12.329 | 34.791 | 26.364 | 0.488 |
| 180 | 12.193 | 34.782 | 26.383 | 0.505 |
| 190 | 12.030 | 34.774 | 26.408 | 0.522 |
| 200 | 11.900 | 34.766 | 26.427 | 0.539 |
| 250 | 11.199 | 34.714 | 26.517 | 0.619 |
| 300 | 10.833 | 34.710 | 26.580 | 0.696 |
| 350 | 10.440 | 34.698 | 26.640 | 0.771 |
| 400 | 9.716 | 34.664 | 26.738 | 0.843 |
| 450 | 8.939 | 34.625 | 26.835 | 0.910 |
| 500 | 8.296 | 34.603 | 26.918 | 0.973 |
| 550 | 7.797 | 34.590 | 26.983 | 1.032 |
| 600 | 7.202 | 34.573 | 27.054 | 1.089 |
| 650 | 6.700 | 34.563 | 27.116 | 1.142 |
| 700 | 6.316 | 34.556 | 27.161 | 1.193 |
| 750 | 5.993 | 34.553 | 27.200 | 1.243 |
| 800 | 5.680 | 34.552 | 27.239 | 1.290 |
| 900 | 5.042 | 34.550 | 27.314 | 1.380 |
| 1000 | 4.584 | 34.556 | 27.371 | 1.463 |
| 1001 | 4.580 | 34.558 | 27.372 | 1.464 |

CAST EP1-93-MB -002 DATE 28 FEB 93 TIME 1758 GMT

LAT 05 03.4N LONG 095 02.5W

CAST EP1-93-MB -002 DATE 28 FEB 93 TIME 1758 GMT
LAT 05 03.4N LONG 095 02.5W WEATHER 0 SEA STATE 2
BAROMETER 13 WIND DIR 105 T SPD 06 KT VISIBILITY 8
CLOUD 9 AMOUNT 8 DRY 27.5 WET 25.0 DEPTH 3800 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.918 | 33.597 | 21.369 | 0.000 |
| 10 | 27.650 | 33.859 | 21.652 | 0.063 |
| 20 | 27.627 | 33.878 | 21.674 | 0.124 |
| 30 | 25.061 | 34.291 | 22.789 | 0.181 |
| 40 | 22.576 | 34.530 | 23.700 | 0.228 |
| 50 | 19.810 | 34.613 | 24.518 | 0.264 |
| 60 | 17.117 | 34.695 | 25.254 | 0.295 |
| 70 | 14.291 | 34.708 | 25.901 | 0.319 |
| 80 | 13.553 | 34.684 | 26.036 | 0.339 |
| 90 | 13.293 | 34.701 | 26.103 | 0.359 |
| 100 | 13.069 | 34.744 | 26.181 | 0.378 |
| 110 | 13.056 | 34.791 | 26.220 | 0.396 |
| 120 | 13.098 | 34.846 | 26.254 | 0.414 |
| 130 | 12.992 | 34.848 | 26.278 | 0.432 |
| 140 | 12.833 | 34.835 | 26.299 | 0.449 |
| 150 | 12.699 | 34.832 | 26.323 | 0.467 |
| 160 | 12.558 | 34.822 | 26.343 | 0.484 |
| 170 | 12.444 | 34.819 | 26.363 | 0.501 |
| 180 | 12.395 | 34.815 | 26.370 | 0.518 |
| 190 | 12.196 | 34.802 | 26.398 | 0.535 |
| 200 | 12.116 | 34.796 | 26.409 | 0.552 |
| 250 | 11.683 | 34.766 | 26.468 | 0.634 |
| 300 | 10.934 | 34.712 | 26.563 | 0.713 |
| 350 | 10.513 | 34.692 | 26.623 | 0.789 |
| 400 | 9.940 | 34.671 | 26.706 | 0.861 |
| 450 | 8.790 | 34.630 | 26.862 | 0.928 |
| 500 | 7.892 | 34.591 | 26.969 | 0.989 |
| 550 | 7.319 | 34.579 | 27.043 | 1.046 |
| 600 | 6.807 | 34.557 | 27.096 | 1.100 |
| 650 | 6.529 | 34.551 | 27.129 | 1.152 |
| 700 | 6.200 | 34.547 | 27.169 | 1.202 |
| 750 | 5.882 | 34.545 | 27.208 | 1.251 |
| 800 | 5.643 | 34.544 | 27.237 | 1.298 |
| 900 | 5.185 | 34.541 | 27.290 | 1.389 |
| 997 | 4.765 | 34.550 | 27.346 | 1.473 |

CAST EP1-93-MB -003 DATE 01 MAR 93 TIME 0929 GMT

LAT 03 59.8N LONG 095 07.2W

CAST EP1-93-MB -003 DATE 01 MAR 93 TIME 0929 GMT
LAT 03 59.8N LONG 095 07.2W WEATHER 2 SEA STATE 2
BAROMETER 14 WIND DIR 338 T SPD 10 KT VISIBILITY 8
CLOUD 2 AMOUNT 2 DRY 26.0 WET 24.5 DEPTH 3404 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.537 | 33.869 | 21.696 | 0.000 |
| 10 | 27.148 | 33.964 | 21.893 | 0.060 |
| 20 | 26.563 | 34.002 | 22.107 | 0.119 |
| 30 | 21.596 | 34.522 | 23.968 | 0.169 |
| 40 | 18.600 | 34.804 | 24.974 | 0.204 |
| 50 | 17.665 | 34.884 | 25.267 | 0.232 |
| 60 | 16.852 | 34.868 | 25.449 | 0.258 |
| 70 | 16.133 | 34.907 | 25.647 | 0.283 |
| 80 | 15.720 | 34.931 | 25.759 | 0.305 |
| 90 | 15.663 | 34.926 | 25.768 | 0.328 |
| 100 | 15.083 | 34.853 | 25.841 | 0.350 |
| 110 | 14.657 | 34.916 | 25.982 | 0.371 |
| 120 | 14.395 | 34.913 | 26.037 | 0.391 |
| 130 | 14.291 | 34.920 | 26.064 | 0.411 |
| 140 | 13.943 | 34.896 | 26.119 | 0.431 |
| 150 | 13.809 | 34.895 | 26.147 | 0.450 |
| 160 | 13.623 | 34.882 | 26.175 | 0.469 |
| 170 | 13.512 | 34.877 | 26.194 | 0.487 |
| 180 | 13.352 | 34.875 | 26.225 | 0.506 |
| 190 | 13.183 | 34.870 | 26.256 | 0.524 |
| 200 | 13.038 | 34.864 | 26.281 | 0.542 |
| 250 | 12.389 | 34.824 | 26.378 | 0.630 |
| 300 | 11.602 | 34.762 | 26.480 | 0.713 |
| 350 | 10.533 | 34.706 | 26.630 | 0.791 |
| 400 | 9.436 | 34.657 | 26.779 | 0.862 |
| 450 | 8.190 | 34.611 | 26.940 | 0.925 |
| 500 | 7.636 | 34.590 | 27.006 | 0.983 |
| 550 | 7.257 | 34.573 | 27.047 | 1.039 |
| 600 | 6.907 | 34.563 | 27.087 | 1.093 |
| 650 | 6.703 | 34.565 | 27.117 | 1.146 |
| 700 | 6.447 | 34.561 | 27.148 | 1.197 |
| 750 | 6.082 | 34.552 | 27.188 | 1.247 |
| 800 | 5.792 | 34.549 | 27.223 | 1.295 |
| 900 | 5.307 | 34.545 | 27.279 | 1.387 |
| 1000 | 4.701 | 34.549 | 27.352 | 1.473 |
| 1014 | 4.610 | 34.551 | 27.363 | 1.485 |

CAST EP1-93-MB -004 DATE 01 MAR 93 TIME 1651 GMT

LAT 02 59.5N LONG 095 18.5W

CAST EP1-93-MB -004 DATE 01 MAR 93 TIME 1651 GMT
LAT 02 59.5N LONG 095 18.5W WEATHER 0 SEA STATE 3
BAROMETER 16 WIND DIR 256 T SPD 10 KT VISIBILITY 8
CLOUD 9 AMOUNT 4 DRY 27.0 WET 24.9 DEPTH 2831 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.288 | 33.949 | 21.837 | 0.000 |
| 10 | 27.131 | 33.986 | 21.914 | 0.060 |
| 20 | 26.428 | 34.050 | 22.185 | 0.117 |
| 30 | 25.251 | 34.180 | 22.648 | 0.171 |
| 40 | 20.477 | 34.651 | 24.371 | 0.219 |
| 50 | 18.645 | 34.793 | 24.954 | 0.251 |
| 60 | 17.064 | 34.830 | 25.370 | 0.278 |
| 70 | 15.309 | 34.863 | 25.799 | 0.303 |
| 80 | 14.995 | 34.890 | 25.889 | 0.324 |
| 90 | 14.796 | 34.896 | 25.937 | 0.345 |
| 100 | 14.607 | 34.917 | 25.994 | 0.366 |
| 110 | 14.585 | 34.916 | 25.998 | 0.386 |
| 120 | 14.337 | 34.905 | 26.043 | 0.406 |
| 130 | 14.086 | 34.906 | 26.097 | 0.426 |
| 140 | 14.064 | 34.912 | 26.107 | 0.446 |
| 150 | 13.828 | 34.910 | 26.154 | 0.465 |
| 160 | 13.661 | 34.907 | 26.187 | 0.484 |
| 170 | 13.617 | 34.906 | 26.195 | 0.502 |
| 180 | 13.582 | 34.905 | 26.201 | 0.521 |
| 190 | 13.548 | 34.904 | 26.208 | 0.539 |
| 200 | 13.413 | 34.899 | 26.232 | 0.558 |
| 250 | 12.765 | 34.853 | 26.327 | 0.648 |
| 300 | 11.527 | 34.754 | 26.487 | 0.732 |
| 350 | 10.435 | 34.704 | 26.646 | 0.809 |
| 400 | 9.452 | 34.664 | 26.782 | 0.880 |
| 450 | 8.578 | 34.630 | 26.896 | 0.944 |
| 500 | 7.762 | 34.602 | 26.997 | 1.003 |
| 550 | 7.452 | 34.597 | 27.038 | 1.060 |
| 600 | 6.965 | 34.567 | 27.083 | 1.114 |
| 650 | 6.771 | 34.573 | 27.114 | 1.167 |
| 700 | 6.244 | 34.555 | 27.170 | 1.218 |
| 750 | 5.990 | 34.552 | 27.200 | 1.267 |
| 800 | 5.668 | 34.554 | 27.242 | 1.314 |
| 900 | 4.945 | 34.557 | 27.330 | 1.402 |
| 998 | 4.489 | 34.562 | 27.386 | 1.483 |

CAST EP1-93-MB -005 DATE 02 MAR 93 TIME 0525 GMT

LAT 01 59.9N LONG 095 00.1W

CAST EP1-93-MB -005 DATE 02 MAR 93 TIME 0525 GMT
LAT 01 59.9N LONG 095 00.1W WEATHER 2 SEA STATE 3
BAROMETER 15 WIND DIR 231 T SPD 40 KT VISIBILITY 5
CLOUD 6 AMOUNT 2 DRY 26.0 WET 24.5 DEPTH 6750 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.205 | 33.905 | 22.146 | 0.000 |
| 10 | 26.123 | 33.896 | 22.164 | 0.057 |
| 20 | 25.605 | 33.898 | 22.326 | 0.113 |
| 30 | 24.159 | 34.250 | 23.028 | 0.164 |
| 40 | 21.598 | 34.701 | 24.104 | 0.206 |
| 50 | 18.921 | 34.784 | 24.877 | 0.241 |
| 60 | 16.329 | 34.836 | 25.547 | 0.268 |
| 70 | 15.266 | 34.869 | 25.813 | 0.291 |
| 80 | 14.882 | 34.883 | 25.908 | 0.313 |
| 90 | 14.688 | 34.879 | 25.947 | 0.333 |
| 100 | 14.626 | 34.905 | 25.981 | 0.354 |
| 110 | 14.571 | 34.908 | 25.995 | 0.374 |
| 120 | 14.231 | 34.894 | 26.057 | 0.395 |
| 130 | 13.899 | 34.902 | 26.133 | 0.414 |
| 140 | 13.782 | 34.905 | 26.160 | 0.433 |
| 150 | 13.783 | 34.911 | 26.165 | 0.452 |
| 160 | 13.776 | 34.912 | 26.166 | 0.471 |
| 170 | 13.717 | 34.911 | 26.178 | 0.489 |
| 180 | 13.463 | 34.896 | 26.219 | 0.508 |
| 190 | 13.442 | 34.898 | 26.224 | 0.526 |
| 200 | 13.392 | 34.893 | 26.231 | 0.545 |
| 250 | 12.734 | 34.862 | 26.340 | 0.634 |
| 300 | 11.167 | 34.773 | 26.569 | 0.715 |
| 350 | 10.211 | 34.706 | 26.686 | 0.789 |
| 400 | 9.215 | 34.657 | 26.815 | 0.857 |
| 450 | 8.423 | 34.622 | 26.913 | 0.920 |
| 500 | 7.923 | 34.603 | 26.973 | 0.980 |
| 550 | 7.488 | 34.592 | 27.029 | 1.037 |
| 600 | 6.924 | 34.576 | 27.095 | 1.092 |
| 650 | 6.492 | 34.568 | 27.147 | 1.143 |
| 700 | 6.132 | 34.560 | 27.189 | 1.193 |
| 750 | 5.824 | 34.556 | 27.224 | 1.241 |
| 800 | 5.333 | 34.549 | 27.279 | 1.287 |
| 900 | 4.792 | 34.552 | 27.344 | 1.372 |
| 995 | 4.287 | 34.561 | 27.407 | 1.447 |

CAST EP1-93-MB -006 DATE 03 MAR 93 TIME 0153 GMT

LAT 01 00.6S LONG 094 59.9W

CAST EP1-93-MB -006 DATE 03 MAR 93 TIME 0153 GMT
LAT 01 00.6S LONG 094 59.9W WEATHER 0 SEA STATE 3
BAROMETER 13 WIND DIR 204 T SPD 04 KT VISIBILITY 8
CLOUD 5 AMOUNT 8 DRY 25.9 WET 24.1 DEPTH 3438 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 25.263 | 34.451 | 22.848 | 0.000 |
| 10 | 25.130 | 34.461 | 22.896 | 0.050 |
| 20 | 25.022 | 34.456 | 22.925 | 0.099 |
| 30 | 24.034 | 34.603 | 23.333 | 0.148 |
| 40 | 21.331 | 34.687 | 24.167 | 0.189 |
| 50 | 19.221 | 34.762 | 24.784 | 0.223 |
| 60 | 17.335 | 34.833 | 25.307 | 0.252 |
| 70 | 16.466 | 34.853 | 25.528 | 0.278 |
| 80 | 15.323 | 34.858 | 25.792 | 0.301 |
| 90 | 15.009 | 34.867 | 25.868 | 0.323 |
| 100 | 14.694 | 34.902 | 25.964 | 0.344 |
| 110 | 14.443 | 34.905 | 26.020 | 0.365 |
| 120 | 14.093 | 34.905 | 26.095 | 0.384 |
| 130 | 13.888 | 34.885 | 26.122 | 0.404 |
| 140 | 13.849 | 34.887 | 26.132 | 0.423 |
| 150 | 13.704 | 34.892 | 26.166 | 0.442 |
| 160 | 13.617 | 34.896 | 26.188 | 0.460 |
| 170 | 13.508 | 34.896 | 26.210 | 0.479 |
| 180 | 13.404 | 34.891 | 26.227 | 0.497 |
| 190 | 13.308 | 34.892 | 26.248 | 0.516 |
| 200 | 13.274 | 34.891 | 26.254 | 0.534 |
| 250 | 12.227 | 34.825 | 26.410 | 0.622 |
| 300 | 11.886 | 34.814 | 26.467 | 0.704 |
| 350 | 10.214 | 34.720 | 26.697 | 0.781 |
| 400 | 9.302 | 34.672 | 26.813 | 0.849 |
| 450 | 8.678 | 34.640 | 26.888 | 0.913 |
| 500 | 8.322 | 34.628 | 26.933 | 0.974 |
| 550 | 7.964 | 34.614 | 26.976 | 1.034 |
| 600 | 7.022 | 34.579 | 27.084 | 1.089 |
| 650 | 6.538 | 34.568 | 27.142 | 1.141 |
| 700 | 6.175 | 34.562 | 27.184 | 1.191 |
| 750 | 5.530 | 34.551 | 27.256 | 1.238 |
| 800 | 5.162 | 34.549 | 27.299 | 1.282 |
| 900 | 4.823 | 34.551 | 27.339 | 1.366 |
| 998 | 4.299 | 34.559 | 27.404 | 1.446 |

CAST EP1-93-MB -007 DATE 03 MAR 93 TIME 0758 GMT

LAT 00 03.5S LONG 094 58.2W

CAST EP1-93-MB -007 DATE 03 MAR 93 TIME 0758 GMT
LAT 00 03.5S LONG 094 58.2W WEATHER 2 SEA STATE 2
BAROMETER 13 WIND DIR 290 T SPD 02 KT VISIBILITY 8
CLOUD 5 AMOUNT 5 DRY 25.5 WET 24.5 DEPTH 3265 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 24.631 | 34.662 | 23.199 | 0.000 |
| 10 | 24.123 | 34.809 | 23.462 | 0.046 |
| 20 | 23.504 | 34.997 | 23.787 | 0.088 |
| 30 | 22.771 | 35.035 | 24.028 | 0.128 |
| 40 | 22.127 | 35.011 | 24.192 | 0.166 |
| 50 | 21.409 | 34.860 | 24.277 | 0.203 |
| 60 | 21.178 | 34.843 | 24.327 | 0.239 |
| 70 | 19.560 | 34.747 | 24.685 | 0.275 |
| 80 | 17.811 | 34.851 | 25.205 | 0.304 |
| 90 | 16.841 | 34.952 | 25.516 | 0.331 |
| 100 | 16.697 | 35.118 | 25.678 | 0.355 |
| 110 | 15.991 | 35.059 | 25.796 | 0.377 |
| 120 | 15.296 | 34.952 | 25.870 | 0.399 |
| 130 | 14.796 | 34.922 | 25.957 | 0.420 |
| 140 | 14.356 | 34.931 | 26.059 | 0.441 |
| 150 | 13.945 | 34.902 | 26.123 | 0.460 |
| 160 | 13.610 | 34.894 | 26.187 | 0.479 |
| 170 | 13.528 | 34.903 | 26.211 | 0.498 |
| 180 | 13.509 | 34.905 | 26.216 | 0.516 |
| 190 | 13.505 | 34.910 | 26.221 | 0.535 |
| 200 | 13.397 | 34.908 | 26.242 | 0.553 |
| 250 | 11.943 | 34.820 | 26.461 | 0.641 |
| 300 | 10.511 | 34.737 | 26.659 | 0.720 |
| 350 | 9.742 | 34.698 | 26.760 | 0.789 |
| 400 | 8.959 | 34.660 | 26.859 | 0.855 |
| 450 | 8.392 | 34.635 | 26.928 | 0.917 |
| 500 | 7.892 | 34.614 | 26.987 | 0.976 |
| 550 | 7.009 | 34.580 | 27.087 | 1.031 |
| 600 | 6.464 | 34.559 | 27.144 | 1.083 |
| 650 | 6.253 | 34.560 | 27.173 | 1.133 |
| 700 | 5.981 | 34.556 | 27.204 | 1.181 |
| 750 | 5.779 | 34.545 | 27.221 | 1.228 |
| 800 | 5.251 | 34.545 | 27.285 | 1.273 |
| 900 | 4.851 | 34.543 | 27.330 | 1.359 |
| 1000 | 4.350 | 34.555 | 27.396 | 1.440 |
| 1014 | 4.274 | 34.558 | 27.406 | 1.451 |

CAST EP1-93-MB -008 DATE 02 MAR 93 TIME 1407 GMT

LAT 01 00.1N LONG 155 00.0W

CAST EP1-93-MB -008 DATE 02 MAR 93 TIME 1407 GMT
LAT 01 00.1N LONG 155 00.0W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 100 T SPD 15 KT VISIBILITY 7
CLOUD 3 AMOUNT 5 DRY 26.5 WET 25.5 DEPTH 4762 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.098 | 34.650 | 22.740 | 0.000 |
| 10 | 25.533 | 34.657 | 22.921 | 0.051 |
| 20 | 24.063 | 34.907 | 23.554 | 0.096 |
| 30 | 22.546 | 35.048 | 24.102 | 0.137 |
| 40 | 21.722 | 35.169 | 24.425 | 0.174 |
| 50 | 20.556 | 35.252 | 24.807 | 0.207 |
| 60 | 19.045 | 35.307 | 25.246 | 0.236 |
| 70 | 16.606 | 35.201 | 25.763 | 0.261 |
| 80 | 16.028 | 35.149 | 25.857 | 0.283 |
| 90 | 14.734 | 35.005 | 26.035 | 0.304 |
| 100 | 14.539 | 34.985 | 26.062 | 0.323 |
| 110 | 14.403 | 34.973 | 26.081 | 0.343 |
| 120 | 14.313 | 34.976 | 26.103 | 0.362 |
| 130 | 14.298 | 34.983 | 26.112 | 0.382 |
| 140 | 14.270 | 34.988 | 26.121 | 0.401 |
| 150 | 14.062 | 34.974 | 26.155 | 0.420 |
| 160 | 13.919 | 34.961 | 26.175 | 0.439 |
| 170 | 13.695 | 34.936 | 26.202 | 0.458 |
| 180 | 13.598 | 34.926 | 26.215 | 0.476 |
| 190 | 13.520 | 34.917 | 26.224 | 0.495 |
| 200 | 13.436 | 34.914 | 26.238 | 0.513 |
| 250 | 12.847 | 34.872 | 26.325 | 0.603 |
| 300 | 11.458 | 34.796 | 26.533 | 0.687 |
| 350 | 10.514 | 34.741 | 26.661 | 0.763 |
| 400 | 9.281 | 34.672 | 26.816 | 0.832 |
| 450 | 8.426 | 34.625 | 26.915 | 0.896 |
| 500 | 7.251 | 34.579 | 27.052 | 0.952 |
| 550 | 6.879 | 34.569 | 27.096 | 1.005 |
| 600 | 6.550 | 34.564 | 27.136 | 1.058 |
| 650 | 6.137 | 34.562 | 27.189 | 1.107 |
| 700 | 5.782 | 34.550 | 27.224 | 1.155 |
| 750 | 5.332 | 34.540 | 27.271 | 1.200 |
| 800 | 5.080 | 34.539 | 27.300 | 1.244 |
| 900 | 4.686 | 34.543 | 27.349 | 1.328 |
| 1000 | 4.219 | 34.557 | 27.411 | 1.407 |
| 1019 | 4.046 | 34.563 | 27.434 | 1.422 |

CAST EP1-93-MB -009 DATE 03 MAR 93 TIME 1941 GMT

LAT 02 02.0S LONG 094 59.5W

CAST EP1-93-MB -009 DATE 03 MAR 93 TIME 1941 GMT
LAT 02 02.0S LONG 094 59.5W WEATHER 4 SEA STATE 2
BAROMETER 12 WIND DIR 165 T SPD 06 KT VISIBILITY 1
CLOUD 6 AMOUNT 8 DRY 24.5 WET 24.5 DEPTH 3300 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.441 | 34.650 | 22.633 | 0.000 |
| 10 | 25.508 | 34.658 | 22.929 | 0.051 |
| 20 | 24.803 | 34.780 | 23.236 | 0.098 |
| 30 | 23.797 | 34.883 | 23.614 | 0.143 |
| 40 | 21.911 | 35.015 | 24.255 | 0.183 |
| 50 | 18.035 | 35.105 | 25.345 | 0.213 |
| 60 | 16.977 | 35.104 | 25.601 | 0.239 |
| 70 | 15.358 | 35.013 | 25.904 | 0.261 |
| 80 | 15.217 | 35.004 | 25.928 | 0.282 |
| 90 | 15.136 | 35.016 | 25.955 | 0.303 |
| 100 | 14.513 | 34.967 | 26.054 | 0.323 |
| 110 | 14.341 | 34.957 | 26.082 | 0.343 |
| 120 | 14.154 | 34.946 | 26.114 | 0.362 |
| 130 | 14.045 | 34.941 | 26.133 | 0.381 |
| 140 | 13.996 | 34.940 | 26.142 | 0.400 |
| 150 | 13.827 | 34.932 | 26.171 | 0.419 |
| 160 | 13.588 | 34.922 | 26.213 | 0.438 |
| 170 | 13.432 | 34.911 | 26.237 | 0.456 |
| 180 | 13.316 | 34.904 | 26.255 | 0.474 |
| 190 | 13.160 | 34.892 | 26.278 | 0.492 |
| 200 | 13.068 | 34.885 | 26.291 | 0.510 |
| 250 | 12.827 | 34.872 | 26.329 | 0.599 |
| 300 | 11.411 | 34.787 | 26.535 | 0.682 |
| 350 | 10.598 | 34.745 | 26.649 | 0.758 |
| 400 | 9.765 | 34.698 | 26.756 | 0.829 |
| 450 | 8.737 | 34.642 | 26.880 | 0.894 |
| 500 | 7.983 | 34.612 | 26.972 | 0.955 |
| 550 | 7.288 | 34.589 | 27.055 | 1.011 |
| 600 | 6.808 | 34.573 | 27.109 | 1.064 |
| 650 | 6.320 | 34.561 | 27.165 | 1.115 |
| 700 | 5.825 | 34.555 | 27.224 | 1.163 |
| 750 | 5.439 | 34.547 | 27.265 | 1.209 |
| 800 | 5.170 | 34.541 | 27.292 | 1.253 |
| 900 | 4.686 | 34.545 | 27.350 | 1.338 |
| 997 | 4.355 | 34.556 | 27.396 | 1.416 |

CAST EP1-93-MB -010 DATE 04 MAR 93 TIME 0100 GMT

LAT 02 59.6S LONG 095 00.1W

CAST EP1-93-MB -010 DATE 04 MAR 93 TIME 0100 GMT
LAT 02 59.6S LONG 095 00.1W WEATHER 1 SEA STATE 6
BAROMETER 10 WIND DIR 323 T SPD 06 KT VISIBILITY 1
CLOUD 2 AMOUNT 8 DRY 27.0 WET 25.0 DEPTH 3490 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.700 | 34.680 | 22.574 | 0.000 |
| 10 | 26.565 | 34.686 | 22.621 | 0.052 |
| 20 | 25.980 | 34.704 | 22.818 | 0.104 |
| 30 | 23.784 | 34.863 | 23.603 | 0.151 |
| 40 | 17.047 | 34.978 | 25.487 | 0.185 |
| 50 | 15.770 | 34.985 | 25.789 | 0.208 |
| 60 | 15.487 | 34.981 | 25.850 | 0.230 |
| 70 | 15.312 | 34.978 | 25.886 | 0.251 |
| 80 | 14.964 | 34.970 | 25.958 | 0.272 |
| 90 | 14.643 | 34.966 | 26.025 | 0.293 |
| 100 | 14.448 | 34.970 | 26.069 | 0.312 |
| 110 | 14.196 | 34.953 | 26.110 | 0.332 |
| 120 | 14.065 | 34.948 | 26.134 | 0.351 |
| 130 | 13.816 | 34.935 | 26.176 | 0.370 |
| 140 | 13.700 | 34.928 | 26.195 | 0.389 |
| 150 | 13.531 | 34.916 | 26.220 | 0.407 |
| 160 | 13.365 | 34.904 | 26.245 | 0.425 |
| 170 | 13.282 | 34.899 | 26.259 | 0.443 |
| 180 | 13.165 | 34.891 | 26.276 | 0.461 |
| 190 | 13.038 | 34.880 | 26.293 | 0.479 |
| 200 | 12.971 | 34.877 | 26.304 | 0.497 |
| 250 | 12.232 | 34.843 | 26.423 | 0.583 |
| 300 | 11.248 | 34.781 | 26.560 | 0.663 |
| 350 | 10.416 | 34.734 | 26.673 | 0.737 |
| 400 | 9.310 | 34.673 | 26.812 | 0.806 |
| 450 | 8.787 | 34.648 | 26.877 | 0.870 |
| 500 | 8.408 | 34.633 | 26.924 | 0.932 |
| 550 | 7.835 | 34.602 | 26.986 | 0.992 |
| 600 | 7.334 | 34.589 | 27.048 | 1.049 |
| 650 | 6.699 | 34.571 | 27.122 | 1.102 |
| 700 | 6.184 | 34.558 | 27.180 | 1.153 |
| 750 | 6.020 | 34.553 | 27.197 | 1.201 |
| 800 | 5.451 | 34.540 | 27.258 | 1.248 |
| 900 | 4.743 | 34.541 | 27.341 | 1.334 |
| 997 | 4.344 | 34.556 | 27.396 | 1.412 |

CAST EP1-93-MB -011 DATE 04 MAR 93 TIME 0619 GMT

LAT 03 59.4S LONG 094 59.9W

CAST EP1-93-MB -011 DATE 04 MAR 93 TIME 0619 GMT
LAT 03 59.4S LONG 094 59.9W WEATHER 2 SEA STATE 2
BAROMETER 13 WIND DIR 047 T SPD 09 KT VISIBILITY 8
CLOUD 7 AMOUNT 7 DRY 26.8 WET 25.4 DEPTH 3623 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.237 | 34.768 | 22.469 | 0.000 |
| 10 | 27.103 | 34.770 | 22.514 | 0.053 |
| 20 | 26.791 | 34.764 | 22.609 | 0.106 |
| 30 | 24.228 | 34.834 | 23.450 | 0.155 |
| 40 | 22.787 | 34.886 | 23.910 | 0.197 |
| 50 | 20.573 | 34.939 | 24.564 | 0.234 |
| 60 | 18.479 | 35.058 | 25.199 | 0.264 |
| 70 | 16.724 | 35.131 | 25.681 | 0.290 |
| 80 | 16.056 | 35.089 | 25.804 | 0.313 |
| 90 | 15.180 | 35.021 | 25.949 | 0.334 |
| 100 | 14.598 | 34.992 | 26.054 | 0.354 |
| 110 | 14.217 | 34.969 | 26.118 | 0.374 |
| 120 | 13.868 | 34.943 | 26.171 | 0.393 |
| 130 | 13.708 | 34.934 | 26.198 | 0.411 |
| 140 | 13.587 | 34.928 | 26.218 | 0.430 |
| 150 | 13.420 | 34.916 | 26.243 | 0.448 |
| 160 | 13.348 | 34.911 | 26.254 | 0.466 |
| 170 | 13.244 | 34.904 | 26.270 | 0.484 |
| 180 | 13.082 | 34.895 | 26.295 | 0.502 |
| 190 | 12.970 | 34.889 | 26.314 | 0.519 |
| 200 | 12.863 | 34.887 | 26.333 | 0.537 |
| 250 | 12.290 | 34.855 | 26.421 | 0.622 |
| 300 | 11.457 | 34.807 | 26.542 | 0.703 |
| 350 | 10.544 | 34.752 | 26.664 | 0.778 |
| 400 | 9.422 | 34.688 | 26.805 | 0.847 |
| 450 | 8.627 | 34.644 | 26.899 | 0.910 |
| 500 | 8.033 | 34.618 | 26.969 | 0.970 |
| 550 | 7.529 | 34.597 | 27.027 | 1.027 |
| 600 | 7.124 | 34.584 | 27.074 | 1.082 |
| 650 | 6.793 | 34.573 | 27.111 | 1.135 |
| 700 | 6.448 | 34.567 | 27.153 | 1.187 |
| 750 | 6.082 | 34.556 | 27.192 | 1.237 |
| 800 | 5.762 | 34.545 | 27.223 | 1.285 |
| 900 | 4.961 | 34.542 | 27.316 | 1.376 |
| 1000 | 4.424 | 34.546 | 27.380 | 1.459 |
| 1004 | 4.414 | 34.547 | 27.382 | 1.462 |

CAST EP1-93-MB -012 DATE 04 MAR 93 TIME 1141 GMT

LAT 04 56.7S LONG 095 03.6W

CAST EP1-93-MB -012 DATE 04 MAR 93 TIME 1141 GMT
LAT 04 56.7S LONG 095 03.6W WEATHER 4 SEA STATE 5
BAROMETER 12 WIND DIR 075 T SPD 16 KT VISIBILITY 8
CLOUD 2 AMOUNT 5 DRY 26.0 WET 25.0 DEPTH 3673 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.257 | 34.913 | 22.572 | 0.000 |
| 10 | 27.255 | 34.914 | 22.573 | 0.053 |
| 20 | 27.257 | 34.916 | 22.574 | 0.105 |
| 30 | 27.048 | 34.909 | 22.636 | 0.158 |
| 40 | 21.468 | 35.049 | 24.404 | 0.201 |
| 50 | 18.887 | 34.958 | 25.019 | 0.233 |
| 60 | 17.073 | 35.006 | 25.503 | 0.261 |
| 70 | 15.881 | 35.014 | 25.787 | 0.284 |
| 80 | 14.877 | 34.993 | 25.994 | 0.306 |
| 90 | 14.222 | 34.953 | 26.105 | 0.325 |
| 100 | 13.898 | 34.936 | 26.160 | 0.344 |
| 110 | 13.757 | 34.928 | 26.183 | 0.363 |
| 120 | 13.612 | 34.919 | 26.206 | 0.382 |
| 130 | 13.460 | 34.912 | 26.232 | 0.400 |
| 140 | 13.399 | 34.911 | 26.244 | 0.418 |
| 150 | 13.305 | 34.909 | 26.261 | 0.436 |
| 160 | 13.234 | 34.907 | 26.274 | 0.454 |
| 170 | 13.090 | 34.895 | 26.294 | 0.472 |
| 180 | 12.960 | 34.891 | 26.317 | 0.489 |
| 190 | 12.826 | 34.883 | 26.337 | 0.506 |
| 200 | 12.680 | 34.876 | 26.361 | 0.524 |
| 250 | 12.283 | 34.856 | 26.423 | 0.608 |
| 300 | 11.600 | 34.816 | 26.523 | 0.689 |
| 350 | 10.533 | 34.750 | 26.665 | 0.765 |
| 400 | 9.023 | 34.665 | 26.853 | 0.832 |
| 450 | 8.339 | 34.629 | 26.931 | 0.894 |
| 500 | 7.988 | 34.618 | 26.976 | 0.953 |
| 550 | 7.614 | 34.602 | 27.018 | 1.010 |
| 600 | 7.252 | 34.585 | 27.057 | 1.066 |
| 650 | 6.905 | 34.570 | 27.093 | 1.120 |
| 700 | 6.469 | 34.556 | 27.141 | 1.172 |
| 750 | 6.142 | 34.555 | 27.183 | 1.222 |
| 800 | 5.752 | 34.542 | 27.222 | 1.271 |
| 900 | 5.196 | 34.539 | 27.287 | 1.363 |
| 1000 | 4.629 | 34.543 | 27.355 | 1.449 |
| 1017 | 4.560 | 34.546 | 27.365 | 1.462 |

CAST EP1-93-MB -013 DATE 05 MAR 93 TIME 0852 GMT

LAT 07 53.6S LONG 095 07.8W

CAST EP1-93-MB -013 DATE 05 MAR 93 TIME 0852 GMT
LAT 07 53.6S LONG 095 07.8W WEATHER 2 SEA STATE 2
BAROMETER 13 WIND DIR 110 T SPD 20 KT VISIBILITY 6
CLOUD 2 AMOUNT 8 DRY 26.4 WET 24.5 DEPTH 3823 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.041 | 35.342 | 22.964 | 0.000 |
| 10 | 27.041 | 35.342 | 22.964 | 0.049 |
| 20 | 27.040 | 35.342 | 22.964 | 0.098 |
| 30 | 26.941 | 35.349 | 23.002 | 0.147 |
| 40 | 24.689 | 35.105 | 23.517 | 0.194 |
| 50 | 23.159 | 35.171 | 24.019 | 0.235 |
| 60 | 22.371 | 35.210 | 24.274 | 0.273 |
| 70 | 21.036 | 35.310 | 24.721 | 0.308 |
| 80 | 19.925 | 35.386 | 25.078 | 0.339 |
| 90 | 17.790 | 35.230 | 25.501 | 0.365 |
| 100 | 15.843 | 35.082 | 25.847 | 0.389 |
| 110 | 15.123 | 35.028 | 25.967 | 0.410 |
| 120 | 14.635 | 34.997 | 26.050 | 0.430 |
| 130 | 14.081 | 34.956 | 26.137 | 0.449 |
| 140 | 13.706 | 34.950 | 26.211 | 0.468 |
| 150 | 13.488 | 34.939 | 26.247 | 0.486 |
| 160 | 13.211 | 34.924 | 26.292 | 0.504 |
| 170 | 13.092 | 34.924 | 26.316 | 0.522 |
| 180 | 12.901 | 34.915 | 26.348 | 0.539 |
| 190 | 12.643 | 34.901 | 26.388 | 0.556 |
| 200 | 12.539 | 34.895 | 26.403 | 0.573 |
| 250 | 11.988 | 34.858 | 26.482 | 0.655 |
| 300 | 11.461 | 34.827 | 26.556 | 0.733 |
| 350 | 10.879 | 34.790 | 26.635 | 0.809 |
| 400 | 10.146 | 34.745 | 26.728 | 0.881 |
| 450 | 9.302 | 34.692 | 26.829 | 0.948 |
| 500 | 8.577 | 34.654 | 26.914 | 1.012 |
| 550 | 7.889 | 34.621 | 26.993 | 1.072 |
| 600 | 7.301 | 34.597 | 27.060 | 1.128 |
| 650 | 6.770 | 34.574 | 27.115 | 1.181 |
| 700 | 6.340 | 34.561 | 27.162 | 1.233 |
| 750 | 5.857 | 34.550 | 27.215 | 1.281 |
| 800 | 5.565 | 34.546 | 27.248 | 1.328 |
| 900 | 5.043 | 34.543 | 27.308 | 1.417 |
| 1000 | 4.599 | 34.545 | 27.360 | 1.501 |
| 1016 | 4.537 | 34.546 | 27.368 | 1.514 |

CAST EP1-93-MB -014 DATE 08 MAR 93 TIME 0558 GMT

LAT 08 02.5S LONG 109 55.6W

CAST EP1-93-MB -014 DATE 08 MAR 93 TIME 0558 GMT
LAT 08 02.5S LONG 109 55.6W WEATHER 2 SEA STATE 5
BAROMETER 15 WIND DIR 120 T SPD 19 KT VISIBILITY 8
CLOUD 7 AMOUNT 8 DRY 26.7 WET 24.6 DEPTH 3364 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.087 | 35.118 | 22.781 | 0.000 |
| 10 | 27.081 | 35.120 | 22.784 | 0.051 |
| 20 | 27.080 | 35.123 | 22.787 | 0.101 |
| 30 | 26.806 | 35.211 | 22.941 | 0.152 |
| 40 | 25.378 | 35.497 | 23.603 | 0.197 |
| 50 | 24.844 | 35.628 | 23.865 | 0.239 |
| 60 | 24.310 | 35.670 | 24.058 | 0.278 |
| 70 | 23.340 | 35.795 | 24.439 | 0.316 |
| 80 | 22.660 | 36.045 | 24.826 | 0.349 |
| 90 | 21.659 | 35.947 | 25.034 | 0.380 |
| 100 | 20.574 | 35.792 | 25.214 | 0.408 |
| 110 | 20.037 | 35.709 | 25.294 | 0.436 |
| 120 | 19.025 | 35.534 | 25.424 | 0.462 |
| 130 | 18.221 | 35.408 | 25.531 | 0.487 |
| 140 | 16.571 | 35.190 | 25.763 | 0.511 |
| 150 | 15.304 | 35.033 | 25.931 | 0.533 |
| 160 | 14.223 | 34.930 | 26.087 | 0.553 |
| 170 | 13.316 | 34.888 | 26.243 | 0.572 |
| 180 | 12.952 | 34.886 | 26.314 | 0.590 |
| 190 | 12.667 | 34.878 | 26.365 | 0.607 |
| 200 | 12.278 | 34.859 | 26.427 | 0.624 |
| 250 | 11.412 | 34.813 | 26.555 | 0.703 |
| 300 | 10.986 | 34.787 | 26.612 | 0.778 |
| 350 | 10.501 | 34.757 | 26.676 | 0.851 |
| 400 | 10.011 | 34.729 | 26.739 | 0.922 |
| 450 | 9.409 | 34.692 | 26.811 | 0.990 |
| 500 | 8.676 | 34.650 | 26.895 | 1.055 |
| 550 | 7.810 | 34.604 | 26.991 | 1.115 |
| 600 | 7.212 | 34.578 | 27.057 | 1.171 |
| 650 | 6.399 | 34.548 | 27.144 | 1.224 |
| 700 | 6.019 | 34.539 | 27.187 | 1.274 |
| 750 | 5.685 | 34.532 | 27.223 | 1.321 |
| 800 | 5.447 | 34.530 | 27.250 | 1.368 |
| 900 | 4.803 | 34.532 | 27.327 | 1.456 |
| 998 | 4.404 | 34.539 | 27.377 | 1.536 |

CAST EP1-93-MB -015 DATE 09 MAR 93 TIME 2128 GMT

LAT 04 58.6S LONG 109 59.3W

CAST EP1-93-MB -015 DATE 09 MAR 93 TIME 2128 GMT
LAT 04 58.6S LONG 109 59.3W WEATHER 4 SEA STATE 3
BAROMETER 09 WIND DIR 119 T SPD 20 KT VISIBILITY 8
CLOUD 4 AMOUNT 8 DRY 28.1 WET 25.5 DEPTH 1948 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.533 | 34.852 | 22.438 | 0.000 |
| 10 | 27.388 | 34.847 | 22.481 | 0.054 |
| 20 | 27.304 | 34.861 | 22.518 | 0.107 |
| 30 | 27.091 | 34.928 | 22.636 | 0.160 |
| 40 | 24.757 | 35.169 | 23.544 | 0.210 |
| 50 | 24.167 | 35.209 | 23.752 | 0.252 |
| 60 | 22.881 | 35.223 | 24.138 | 0.293 |
| 70 | 21.743 | 35.375 | 24.576 | 0.330 |
| 80 | 19.822 | 35.369 | 25.091 | 0.361 |
| 90 | 18.558 | 35.389 | 25.432 | 0.389 |
| 100 | 17.310 | 35.292 | 25.665 | 0.413 |
| 110 | 14.824 | 35.090 | 26.081 | 0.435 |
| 120 | 13.800 | 34.997 | 26.228 | 0.453 |
| 130 | 13.487 | 34.962 | 26.265 | 0.471 |
| 140 | 12.994 | 34.909 | 26.324 | 0.489 |
| 150 | 12.924 | 34.903 | 26.334 | 0.506 |
| 160 | 12.796 | 34.890 | 26.349 | 0.523 |
| 170 | 12.605 | 34.869 | 26.370 | 0.540 |
| 180 | 12.521 | 34.864 | 26.383 | 0.557 |
| 190 | 12.411 | 34.858 | 26.400 | 0.574 |
| 200 | 12.362 | 34.855 | 26.407 | 0.591 |
| 250 | 12.021 | 34.843 | 26.464 | 0.673 |
| 300 | 11.446 | 34.812 | 26.548 | 0.752 |
| 350 | 10.782 | 34.773 | 26.638 | 0.828 |
| 400 | 9.825 | 34.718 | 26.762 | 0.899 |
| 450 | 9.149 | 34.680 | 26.844 | 0.965 |
| 500 | 8.489 | 34.646 | 26.921 | 1.028 |
| 550 | 7.744 | 34.603 | 27.000 | 1.088 |
| 600 | 7.266 | 34.584 | 27.054 | 1.144 |
| 650 | 6.831 | 34.571 | 27.104 | 1.198 |
| 700 | 6.332 | 34.555 | 27.158 | 1.249 |
| 750 | 5.936 | 34.544 | 27.201 | 1.298 |
| 800 | 5.551 | 34.536 | 27.242 | 1.346 |
| 900 | 4.957 | 34.535 | 27.311 | 1.435 |
| 998 | 4.494 | 34.542 | 27.369 | 1.517 |

CAST EP1-93-MB -016 DATE 10 MAR 93 TIME 1115 GMT

LAT 04 00.0S LONG 110 00.7W

CAST EP1-93-MB -016 DATE 10 MAR 93 TIME 1115 GMT
LAT 04 00.0S LONG 110 00.7W WEATHER 3 SEA STATE 6
BAROMETER 10 WIND DIR 130 T SPD 16 KT VISIBILITY 8
CLOUD 3 AMOUNT 6 DRY 26.5 WET 25.2 DEPTH 3641 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.335 | 34.730 | 22.409 | 0.000 |
| 10 | 27.333 | 34.732 | 22.411 | 0.054 |
| 20 | 27.324 | 34.735 | 22.417 | 0.108 |
| 30 | 26.463 | 34.892 | 22.809 | 0.162 |
| 40 | 24.444 | 35.222 | 23.679 | 0.206 |
| 50 | 21.985 | 35.119 | 24.314 | 0.245 |
| 60 | 19.483 | 35.278 | 25.110 | 0.278 |
| 70 | 18.309 | 35.237 | 25.378 | 0.306 |
| 80 | 16.684 | 35.110 | 25.674 | 0.331 |
| 90 | 15.787 | 35.067 | 25.849 | 0.353 |
| 100 | 14.690 | 35.027 | 26.061 | 0.374 |
| 110 | 13.824 | 34.970 | 26.202 | 0.393 |
| 120 | 13.410 | 34.921 | 26.249 | 0.411 |
| 130 | 13.247 | 34.904 | 26.269 | 0.429 |
| 140 | 13.088 | 34.891 | 26.292 | 0.447 |
| 150 | 12.992 | 34.885 | 26.306 | 0.464 |
| 160 | 12.867 | 34.880 | 26.327 | 0.482 |
| 170 | 12.759 | 34.875 | 26.344 | 0.499 |
| 180 | 12.707 | 34.872 | 26.353 | 0.516 |
| 190 | 12.676 | 34.872 | 26.359 | 0.533 |
| 200 | 12.583 | 34.869 | 26.375 | 0.550 |
| 250 | 12.185 | 34.850 | 26.438 | 0.634 |
| 300 | 11.644 | 34.822 | 26.519 | 0.714 |
| 350 | 10.790 | 34.773 | 26.637 | 0.791 |
| 400 | 9.509 | 34.696 | 26.798 | 0.860 |
| 450 | 8.607 | 34.646 | 26.904 | 0.924 |
| 500 | 7.736 | 34.601 | 27.000 | 0.983 |
| 550 | 7.240 | 34.579 | 27.054 | 1.039 |
| 600 | 6.848 | 34.564 | 27.096 | 1.093 |
| 650 | 6.419 | 34.550 | 27.143 | 1.144 |
| 700 | 6.181 | 34.544 | 27.169 | 1.194 |
| 750 | 5.863 | 34.540 | 27.207 | 1.243 |
| 800 | 5.573 | 34.537 | 27.240 | 1.290 |
| 900 | 5.066 | 34.545 | 27.307 | 1.380 |
| 1000 | 4.659 | 34.540 | 27.350 | 1.465 |
| 1018 | 4.620 | 34.541 | 27.355 | 1.480 |

CAST EP1-93-MB -017 DATE 10 MAR 93 TIME 1639 GMT

LAT 02 59.8S LONG 110 00.1W

CAST EP1-93-MB -017 DATE 10 MAR 93 TIME 1639 GMT
LAT 02 59.8S LONG 110 00.1W WEATHER 2 SEA STATE 3
BAROMETER 12 WIND DIR 070 T SPD 10 KT VISIBILITY 8
CLOUD 1 AMOUNT 2 DRY 28.3 WET 25.0 DEPTH 2048 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.344 | 34.774 | 22.439 | 0.000 |
| 10 | 27.298 | 34.775 | 22.455 | 0.054 |
| 20 | 27.283 | 34.776 | 22.461 | 0.108 |
| 30 | 27.235 | 34.779 | 22.478 | 0.161 |
| 40 | 25.292 | 35.042 | 23.286 | 0.213 |
| 50 | 22.264 | 35.075 | 24.202 | 0.254 |
| 60 | 19.463 | 35.124 | 24.998 | 0.287 |
| 70 | 16.964 | 35.078 | 25.584 | 0.314 |
| 80 | 16.743 | 35.072 | 25.632 | 0.338 |
| 90 | 15.952 | 35.041 | 25.791 | 0.362 |
| 100 | 14.703 | 34.994 | 26.033 | 0.383 |
| 110 | 13.907 | 34.941 | 26.162 | 0.402 |
| 120 | 13.596 | 34.921 | 26.211 | 0.420 |
| 130 | 13.375 | 34.906 | 26.244 | 0.439 |
| 140 | 13.166 | 34.892 | 26.277 | 0.456 |
| 150 | 13.040 | 34.885 | 26.297 | 0.474 |
| 160 | 12.937 | 34.879 | 26.312 | 0.492 |
| 170 | 12.895 | 34.879 | 26.321 | 0.509 |
| 180 | 12.774 | 34.873 | 26.340 | 0.526 |
| 190 | 12.704 | 34.869 | 26.351 | 0.544 |
| 200 | 12.620 | 34.864 | 26.364 | 0.561 |
| 250 | 12.155 | 34.835 | 26.432 | 0.644 |
| 300 | 11.673 | 34.816 | 26.508 | 0.725 |
| 350 | 10.974 | 34.776 | 26.606 | 0.803 |
| 400 | 9.726 | 34.704 | 26.768 | 0.874 |
| 450 | 8.786 | 34.652 | 26.880 | 0.940 |
| 500 | 7.973 | 34.609 | 26.971 | 1.000 |
| 550 | 7.342 | 34.580 | 27.040 | 1.057 |
| 600 | 6.831 | 34.559 | 27.095 | 1.111 |
| 650 | 6.480 | 34.549 | 27.134 | 1.163 |
| 700 | 6.176 | 34.544 | 27.170 | 1.213 |
| 750 | 5.894 | 34.541 | 27.204 | 1.262 |
| 800 | 5.633 | 34.541 | 27.236 | 1.309 |
| 900 | 5.085 | 34.541 | 27.302 | 1.400 |
| 999 | 4.572 | 34.546 | 27.364 | 1.483 |

CAST EP1-93-MB -018 DATE 10 MAR 93 TIME 2222 GMT

LAT 01 58.5S LONG 109 59.6W

CAST EP1-93-MB -018 DATE 10 MAR 93 TIME 2222 GMT
LAT 01 58.5S LONG 109 59.6W WEATHER 2 SEA STATE 1
BAROMETER 08 WIND DIR 093 T SPD 10 KT VISIBILITY 8
CLOUD 2 AMOUNT 4 DRY 27.2 WET 25.1 DEPTH 5319 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.149 | 34.789 | 22.514 | 0.000 |
| 10 | 26.994 | 34.785 | 22.560 | 0.053 |
| 20 | 26.543 | 34.861 | 22.760 | 0.105 |
| 30 | 24.867 | 35.040 | 23.413 | 0.153 |
| 40 | 21.851 | 35.188 | 24.404 | 0.193 |
| 50 | 18.203 | 35.108 | 25.306 | 0.223 |
| 60 | 16.024 | 35.046 | 25.779 | 0.247 |
| 70 | 14.847 | 35.014 | 26.017 | 0.268 |
| 80 | 13.798 | 34.941 | 26.185 | 0.287 |
| 90 | 13.615 | 34.924 | 26.209 | 0.306 |
| 100 | 13.089 | 34.892 | 26.292 | 0.323 |
| 110 | 12.892 | 34.881 | 26.323 | 0.341 |
| 120 | 12.748 | 34.867 | 26.341 | 0.358 |
| 130 | 12.672 | 34.862 | 26.352 | 0.375 |
| 140 | 12.659 | 34.861 | 26.354 | 0.392 |
| 150 | 12.614 | 34.857 | 26.360 | 0.409 |
| 160 | 12.584 | 34.853 | 26.362 | 0.426 |
| 170 | 12.583 | 34.853 | 26.363 | 0.443 |
| 180 | 12.495 | 34.847 | 26.375 | 0.460 |
| 190 | 12.440 | 34.845 | 26.384 | 0.477 |
| 200 | 12.434 | 34.845 | 26.385 | 0.494 |
| 250 | 12.110 | 34.827 | 26.435 | 0.577 |
| 300 | 11.635 | 34.803 | 26.505 | 0.658 |
| 350 | 10.832 | 34.755 | 26.615 | 0.736 |
| 400 | 10.066 | 34.711 | 26.716 | 0.808 |
| 450 | 8.824 | 34.649 | 26.872 | 0.876 |
| 500 | 8.156 | 34.616 | 26.949 | 0.938 |
| 550 | 7.276 | 34.573 | 27.044 | 0.995 |
| 600 | 6.901 | 34.560 | 27.086 | 1.049 |
| 650 | 6.566 | 34.552 | 27.125 | 1.102 |
| 700 | 6.113 | 34.538 | 27.174 | 1.152 |
| 750 | 5.920 | 34.536 | 27.196 | 1.201 |
| 800 | 5.635 | 34.535 | 27.231 | 1.249 |
| 900 | 5.181 | 34.541 | 27.291 | 1.340 |
| 998 | 4.550 | 34.550 | 27.369 | 1.423 |

CAST EP1-93-MB -019 DATE 11 MAR 93 TIME 0324 GMT

LAT 01 00.1S LONG 110 00.5W

CAST EP1-93-MB -019 DATE 11 MAR 93 TIME 0324 GMT
LAT 01 00.1S LONG 110 00.5W WEATHER 2 SEA STATE 3
BAROMETER 11 WIND DIR 092 T SPD 14 KT VISIBILITY 8
CLOUD 2 AMOUNT 3 DRY 26.7 WET 24.9 DEPTH 3780 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.987 | 34.859 | 22.618 | 0.000 |
| 10 | 26.820 | 34.854 | 22.667 | 0.052 |
| 20 | 26.382 | 34.884 | 22.828 | 0.103 |
| 30 | 25.065 | 35.051 | 23.362 | 0.152 |
| 40 | 23.696 | 34.993 | 23.727 | 0.196 |
| 50 | 22.601 | 35.127 | 24.146 | 0.234 |
| 60 | 21.179 | 35.209 | 24.605 | 0.271 |
| 70 | 18.314 | 35.185 | 25.337 | 0.300 |
| 80 | 16.710 | 35.154 | 25.702 | 0.325 |
| 90 | 15.777 | 35.115 | 25.888 | 0.347 |
| 100 | 15.022 | 35.076 | 26.026 | 0.368 |
| 110 | 13.933 | 34.973 | 26.181 | 0.387 |
| 120 | 13.429 | 34.906 | 26.234 | 0.406 |
| 130 | 13.194 | 34.891 | 26.270 | 0.424 |
| 140 | 13.040 | 34.882 | 26.294 | 0.441 |
| 150 | 12.832 | 34.866 | 26.323 | 0.459 |
| 160 | 12.786 | 34.866 | 26.333 | 0.476 |
| 170 | 12.768 | 34.865 | 26.335 | 0.493 |
| 180 | 12.761 | 34.866 | 26.337 | 0.510 |
| 190 | 12.751 | 34.866 | 26.339 | 0.528 |
| 200 | 12.723 | 34.863 | 26.342 | 0.545 |
| 250 | 12.517 | 34.850 | 26.373 | 0.631 |
| 300 | 11.339 | 34.786 | 26.547 | 0.714 |
| 350 | 10.711 | 34.749 | 26.633 | 0.790 |
| 400 | 9.477 | 34.680 | 26.790 | 0.860 |
| 450 | 8.741 | 34.642 | 26.880 | 0.924 |
| 500 | 8.067 | 34.609 | 26.957 | 0.985 |
| 550 | 7.583 | 34.589 | 27.013 | 1.043 |
| 600 | 6.880 | 34.564 | 27.092 | 1.097 |
| 650 | 6.657 | 34.557 | 27.117 | 1.150 |
| 700 | 6.230 | 34.548 | 27.166 | 1.200 |
| 750 | 5.867 | 34.547 | 27.212 | 1.249 |
| 800 | 5.656 | 34.548 | 27.238 | 1.296 |
| 900 | 5.040 | 34.538 | 27.304 | 1.388 |
| 1000 | 4.374 | 34.548 | 27.387 | 1.470 |
| 1012 | 4.337 | 34.549 | 27.392 | 1.479 |

CAST EP1-93-MB -020 DATE 11 MAR 93 TIME 0941 GMT

LAT 00 02.5N LONG 109 57.1W

CAST EP1-93-MB -020 DATE 11 MAR 93 TIME 0941 GMT
LAT 00 02.5N LONG 110 57.1W WEATHER 2 SEA STATE 2
BAROMETER 09 WIND DIR 058 T SPD 12 KT VISIBILITY 8
CLOUD 2 AMOUNT 3 DRY 25.3 WET 24.7 DEPTH 3733 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.034 | 34.892 | 22.944 | 0.000 |
| 10 | 25.828 | 34.896 | 23.010 | 0.049 |
| 20 | 25.313 | 34.915 | 23.184 | 0.097 |
| 30 | 24.793 | 34.983 | 23.393 | 0.143 |
| 40 | 24.008 | 34.905 | 23.569 | 0.187 |
| 50 | 22.824 | 35.187 | 24.128 | 0.228 |
| 60 | 20.506 | 34.984 | 24.617 | 0.264 |
| 70 | 18.329 | 34.836 | 25.066 | 0.296 |
| 80 | 16.710 | 34.800 | 25.430 | 0.323 |
| 90 | 16.150 | 34.932 | 25.662 | 0.348 |
| 100 | 15.475 | 34.886 | 25.780 | 0.371 |
| 110 | 14.583 | 34.913 | 25.997 | 0.392 |
| 120 | 14.489 | 34.917 | 26.020 | 0.412 |
| 130 | 14.373 | 34.969 | 26.084 | 0.432 |
| 140 | 14.026 | 34.897 | 26.103 | 0.452 |
| 150 | 13.742 | 34.867 | 26.139 | 0.471 |
| 160 | 13.498 | 34.892 | 26.208 | 0.490 |
| 170 | 13.320 | 34.889 | 26.243 | 0.508 |
| 180 | 13.083 | 34.873 | 26.278 | 0.526 |
| 190 | 12.862 | 34.862 | 26.314 | 0.544 |
| 200 | 12.703 | 34.861 | 26.345 | 0.561 |
| 250 | 12.541 | 34.853 | 26.371 | 0.647 |
| 300 | 11.337 | 34.776 | 26.540 | 0.731 |
| 350 | 10.640 | 34.746 | 26.643 | 0.805 |
| 400 | 9.396 | 34.677 | 26.801 | 0.874 |
| 450 | 8.680 | 34.639 | 26.887 | 0.938 |
| 500 | 8.335 | 34.623 | 26.927 | 0.999 |
| 550 | 7.440 | 34.585 | 27.030 | 1.058 |
| 600 | 7.126 | 34.576 | 27.067 | 1.113 |
| 650 | 6.471 | 34.561 | 27.145 | 1.166 |
| 700 | 6.308 | 34.553 | 27.160 | 1.216 |
| 750 | 5.940 | 34.550 | 27.205 | 1.265 |
| 800 | 5.414 | 34.543 | 27.264 | 1.312 |
| 900 | 5.013 | 34.540 | 27.309 | 1.400 |
| 1000 | 4.435 | 34.548 | 27.380 | 1.483 |
| 1016 | 4.373 | 34.550 | 27.389 | 1.496 |

CAST EP1-93-MB -021 DATE 11 MAR 93 TIME 1518 GMT

LAT 00 59.9N LONG 109 59.4W

CAST EP1-93-MB -021 DATE 11 MAR 93 TIME 1518 GMT
LAT 00 59.9N LONG 109 59.4W WEATHER 2 SEA STATE 3
BAROMETER 11 WIND DIR 112 T SPD 15 KT VISIBILITY 8
CLOUD 3 AMOUNT 6 DRY 27.2 WET 25.1 DEPTH 2035 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.379 | 34.860 | 22.811 | 0.000 |
| 10 | 26.381 | 34.862 | 22.812 | 0.050 |
| 20 | 26.123 | 34.845 | 22.880 | 0.100 |
| 30 | 25.498 | 34.771 | 23.018 | 0.150 |
| 40 | 24.563 | 34.664 | 23.221 | 0.198 |
| 50 | 22.305 | 34.678 | 23.889 | 0.240 |
| 60 | 21.481 | 34.718 | 24.149 | 0.279 |
| 70 | 19.918 | 34.776 | 24.614 | 0.315 |
| 80 | 15.996 | 34.816 | 25.608 | 0.344 |
| 90 | 14.682 | 34.866 | 25.939 | 0.366 |
| 100 | 14.458 | 34.862 | 25.984 | 0.387 |
| 110 | 13.680 | 34.863 | 26.149 | 0.406 |
| 120 | 13.550 | 34.869 | 26.181 | 0.425 |
| 130 | 13.225 | 34.867 | 26.245 | 0.443 |
| 140 | 13.057 | 34.862 | 26.275 | 0.461 |
| 150 | 12.897 | 34.858 | 26.304 | 0.479 |
| 160 | 12.698 | 34.855 | 26.342 | 0.496 |
| 170 | 12.589 | 34.854 | 26.362 | 0.513 |
| 180 | 12.583 | 34.854 | 26.363 | 0.530 |
| 190 | 12.576 | 34.854 | 26.365 | 0.547 |
| 200 | 12.571 | 34.854 | 26.366 | 0.564 |
| 250 | 12.341 | 34.839 | 26.399 | 0.649 |
| 300 | 11.616 | 34.791 | 26.500 | 0.732 |
| 350 | 10.133 | 34.714 | 26.706 | 0.808 |
| 400 | 9.466 | 34.681 | 26.793 | 0.877 |
| 450 | 8.804 | 34.646 | 26.872 | 0.941 |
| 500 | 8.010 | 34.605 | 26.962 | 1.003 |
| 550 | 7.443 | 34.587 | 27.031 | 1.060 |
| 600 | 6.941 | 34.573 | 27.091 | 1.115 |
| 650 | 6.624 | 34.558 | 27.122 | 1.167 |
| 700 | 6.195 | 34.555 | 27.176 | 1.217 |
| 750 | 5.764 | 34.548 | 27.225 | 1.266 |
| 800 | 5.402 | 34.543 | 27.266 | 1.311 |
| 900 | 4.816 | 34.543 | 27.334 | 1.399 |
| 1000 | 4.391 | 34.551 | 27.388 | 1.480 |
| 1001 | 4.379 | 34.552 | 27.390 | 1.481 |

CAST EP1-93-MB -022 DATE 11 MAR 93 TIME 2156 GMT

LAT 02 04.0N LONG 110 11.7W

CAST EP1-93-MB -022 DATE 11 MAR 93 TIME 2156 GMT
LAT 02 04.0N LONG 110 11.7W WEATHER 2 SEA STATE 2
BAROMETER 09 WIND DIR 090 T SPD 10 KT VISIBILITY 8
CLOUD 1 AMOUNT 4 DRY 28.9 WET 25.7 DEPTH 3647 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.392 | 34.445 | 22.177 | 0.000 |
| 10 | 26.950 | 34.435 | 22.310 | 0.056 |
| 20 | 26.170 | 34.443 | 22.562 | 0.110 |
| 30 | 23.099 | 34.420 | 23.467 | 0.159 |
| 40 | 21.746 | 34.594 | 23.981 | 0.200 |
| 50 | 20.846 | 34.620 | 24.248 | 0.238 |
| 60 | 19.379 | 34.721 | 24.712 | 0.274 |
| 70 | 16.714 | 34.838 | 25.458 | 0.305 |
| 80 | 15.733 | 34.891 | 25.725 | 0.329 |
| 90 | 15.027 | 34.893 | 25.884 | 0.351 |
| 100 | 14.283 | 34.897 | 26.049 | 0.372 |
| 110 | 14.030 | 34.894 | 26.100 | 0.391 |
| 120 | 13.847 | 34.889 | 26.134 | 0.410 |
| 130 | 13.471 | 34.881 | 26.206 | 0.429 |
| 140 | 13.257 | 34.874 | 26.244 | 0.447 |
| 150 | 13.005 | 34.863 | 26.287 | 0.465 |
| 160 | 12.949 | 34.862 | 26.297 | 0.483 |
| 170 | 12.823 | 34.855 | 26.316 | 0.500 |
| 180 | 12.640 | 34.845 | 26.345 | 0.518 |
| 190 | 12.377 | 34.834 | 26.388 | 0.535 |
| 200 | 12.356 | 34.835 | 26.393 | 0.551 |
| 250 | 12.230 | 34.829 | 26.413 | 0.635 |
| 300 | 11.936 | 34.805 | 26.450 | 0.719 |
| 350 | 10.885 | 34.743 | 26.596 | 0.798 |
| 400 | 9.476 | 34.666 | 26.779 | 0.871 |
| 450 | 8.735 | 34.834 | 26.874 | 0.936 |
| 500 | 7.802 | 34.595 | 26.985 | 0.996 |
| 550 | 7.230 | 34.581 | 27.057 | 1.052 |
| 600 | 6.847 | 34.565 | 27.097 | 1.106 |
| 650 | 6.524 | 34.559 | 27.136 | 1.158 |
| 700 | 6.171 | 34.551 | 27.176 | 1.208 |
| 750 | 5.801 | 34.543 | 27.217 | 1.256 |
| 800 | 5.467 | 34.542 | 27.257 | 1.302 |
| 900 | 4.869 | 34.547 | 27.331 | 1.390 |
| 1000 | 4.423 | 34.555 | 27.387 | 1.472 |
| 1000 | 4.423 | 34.555 | 27.387 | 1.472 |

CAST EP1-93-MB -023 DATE 12 MAR 93 TIME 0301 GMT

LAT 03 00.5N LONG 110 07.8W

CAST EP1-93-MB -023 DATE 12 MAR 93 TIME 0301 GMT
LAT 03 00.5N LONG 110 07.8W WEATHER 2 SEA STATE 4
BAROMETER 10 WIND DIR 090 T SPD 14 KT VISIBILITY 8
CLOUD 1 AMOUNT 2 DRY 27.6 WET 25.3 DEPTH 3728 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.068 | 34.021 | 21.639 | 0.000 |
| 10 | 27.917 | 34.021 | 21.688 | 0.061 |
| 20 | 27.755 | 34.038 | 21.753 | 0.122 |
| 30 | 27.345 | 34.104 | 21.935 | 0.182 |
| 40 | 24.529 | 34.490 | 23.099 | 0.236 |
| 50 | 22.967 | 34.650 | 23.679 | 0.280 |
| 60 | 22.132 | 34.666 | 23.929 | 0.322 |
| 70 | 18.622 | 34.746 | 24.924 | 0.358 |
| 80 | 16.327 | 34.886 | 25.586 | 0.385 |
| 90 | 15.097 | 34.893 | 25.869 | 0.408 |
| 100 | 14.671 | 34.898 | 25.966 | 0.429 |
| 110 | 14.345 | 34.899 | 26.037 | 0.449 |
| 120 | 14.079 | 34.898 | 26.092 | 0.469 |
| 130 | 13.918 | 34.895 | 26.124 | 0.488 |
| 140 | 13.688 | 34.890 | 26.168 | 0.507 |
| 150 | 13.475 | 34.887 | 26.209 | 0.526 |
| 160 | 13.353 | 34.880 | 26.229 | 0.544 |
| 170 | 13.152 | 34.866 | 26.259 | 0.562 |
| 180 | 13.029 | 34.866 | 26.284 | 0.580 |
| 190 | 12.966 | 34.864 | 26.295 | 0.598 |
| 200 | 12.869 | 34.858 | 26.309 | 0.616 |
| 250 | 12.407 | 34.820 | 26.372 | 0.703 |
| 300 | 11.532 | 34.769 | 26.498 | 0.785 |
| 350 | 10.587 | 34.710 | 26.624 | 0.863 |
| 400 | 9.531 | 34.665 | 26.769 | 0.934 |
| 450 | 8.801 | 34.636 | 26.865 | 1.000 |
| 500 | 7.765 | 34.589 | 26.986 | 1.060 |
| 550 | 7.270 | 34.567 | 27.040 | 1.116 |
| 600 | 6.790 | 34.555 | 27.097 | 1.170 |
| 650 | 6.384 | 34.545 | 27.144 | 1.222 |
| 700 | 6.004 | 34.544 | 27.192 | 1.271 |
| 750 | 5.772 | 34.547 | 27.223 | 1.319 |
| 800 | 5.459 | 34.543 | 27.259 | 1.365 |
| 900 | 4.976 | 34.543 | 27.316 | 1.454 |
| 997 | 4.621 | 34.550 | 27.362 | 1.535 |

CAST EP1-93-MB -024 DATE 12 MAR 93 TIME 0818 GMT

LAT 03 59.9N LONG 110 02.7W

CAST EP1-93-MB -024 DATE 12 MAR 93 TIME 0818 GMT
LAT 03 59.9N LONG 110 02.7W WEATHER 8 SEA STATE 2
BAROMETER 09 WIND DIR 062 T SPD 16 KT VISIBILITY 8
CLOUD 5 AMOUNT 5 DRY 28.3 WET 25.5 DEPTH 3823 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.120 | 34.155 | 21.722 | 0.000 |
| 10 | 28.104 | 34.174 | 21.742 | 0.061 |
| 20 | 27.939 | 34.210 | 21.823 | 0.121 |
| 30 | 26.986 | 34.285 | 22.186 | 0.179 |
| 40 | 23.985 | 34.618 | 23.359 | 0.230 |
| 50 | 21.548 | 34.688 | 24.108 | 0.271 |
| 60 | 19.430 | 34.725 | 24.702 | 0.307 |
| 70 | 18.060 | 34.817 | 25.118 | 0.338 |
| 80 | 16.075 | 34.898 | 25.653 | 0.363 |
| 90 | 15.291 | 34.932 | 25.856 | 0.386 |
| 100 | 14.895 | 34.933 | 25.944 | 0.407 |
| 110 | 14.497 | 34.916 | 26.018 | 0.428 |
| 120 | 14.256 | 34.913 | 26.066 | 0.447 |
| 130 | 14.002 | 34.910 | 26.118 | 0.467 |
| 140 | 13.826 | 34.909 | 26.154 | 0.486 |
| 150 | 13.668 | 34.896 | 26.176 | 0.505 |
| 160 | 13.528 | 34.891 | 26.201 | 0.523 |
| 170 | 13.385 | 34.886 | 26.228 | 0.542 |
| 180 | 13.230 | 34.880 | 26.254 | 0.560 |
| 190 | 13.133 | 34.876 | 26.270 | 0.578 |
| 200 | 13.046 | 34.871 | 26.284 | 0.596 |
| 250 | 12.514 | 34.841 | 26.366 | 0.684 |
| 300 | 11.755 | 34.787 | 26.471 | 0.767 |
| 350 | 10.881 | 34.727 | 26.585 | 0.846 |
| 400 | 10.014 | 34.689 | 26.707 | 0.920 |
| 450 | 9.136 | 34.652 | 26.824 | 0.988 |
| 500 | 8.253 | 34.618 | 26.936 | 1.050 |
| 550 | 7.858 | 34.604 | 26.984 | 1.109 |
| 600 | 7.135 | 34.578 | 27.068 | 1.165 |
| 650 | 6.705 | 34.563 | 27.115 | 1.219 |
| 700 | 6.239 | 34.552 | 27.168 | 1.269 |
| 750 | 5.947 | 34.547 | 27.201 | 1.318 |
| 800 | 5.606 | 34.544 | 27.242 | 1.365 |
| 900 | 4.970 | 34.548 | 27.320 | 1.454 |
| 1000 | 4.489 | 34.555 | 27.380 | 1.537 |
| 1008 | 4.460 | 34.557 | 27.385 | 1.543 |

CAST EP1-93-MB -025 DATE 12 MAR 93 TIME 2003 GMT

LAT 04 58.9N LONG 110 00.1W

CAST EP1-93-MB -025 DATE 12 MAR 93 TIME 2003 GMT
LAT 04 58.9N LONG 110 00.1W WEATHER 2 SEA STATE 2
BAROMETER 09 WIND DIR 060 T SPD 18 KT VISIBILITY 8
CLOUD 1 AMOUNT 3 DRY 30.1 WET 26.1 DEPTH 2075 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.800 | 34.053 | 21.750 | 0.000 |
| 10 | 27.749 | 34.052 | 21.766 | 0.060 |
| 20 | 27.709 | 34.067 | 21.790 | 0.121 |
| 30 | 27.698 | 34.224 | 21.912 | 0.181 |
| 40 | 27.543 | 34.293 | 22.014 | 0.239 |
| 50 | 25.151 | 34.563 | 22.967 | 0.294 |
| 60 | 22.135 | 34.671 | 23.932 | 0.338 |
| 70 | 19.830 | 34.690 | 24.571 | 0.375 |
| 80 | 16.969 | 34.654 | 25.257 | 0.406 |
| 90 | 15.552 | 34.653 | 25.583 | 0.432 |
| 100 | 14.406 | 34.664 | 25.842 | 0.454 |
| 110 | 13.319 | 34.647 | 26.056 | 0.475 |
| 120 | 13.020 | 34.720 | 26.173 | 0.494 |
| 130 | 12.824 | 34.692 | 26.190 | 0.513 |
| 140 | 12.704 | 34.726 | 26.240 | 0.531 |
| 150 | 12.228 | 34.690 | 26.305 | 0.549 |
| 160 | 12.131 | 34.713 | 26.341 | 0.566 |
| 170 | 11.977 | 34.721 | 26.377 | 0.583 |
| 180 | 11.902 | 34.724 | 26.394 | 0.600 |
| 190 | 11.638 | 34.702 | 26.426 | 0.616 |
| 200 | 11.590 | 34.712 | 26.443 | 0.633 |
| 250 | 11.138 | 34.738 | 26.547 | 0.712 |
| 300 | 10.342 | 34.686 | 26.648 | 0.787 |
| 350 | 9.773 | 34.664 | 26.729 | 0.857 |
| 400 | 9.110 | 34.640 | 26.819 | 0.925 |
| 450 | 8.392 | 34.613 | 26.911 | 0.988 |
| 500 | 7.912 | 34.596 | 26.970 | 1.047 |
| 550 | 7.521 | 34.584 | 27.018 | 1.105 |
| 600 | 7.070 | 34.569 | 27.070 | 1.160 |
| 650 | 6.634 | 34.558 | 27.121 | 1.213 |
| 700 | 6.247 | 34.552 | 27.167 | 1.264 |
| 750 | 5.920 | 34.550 | 27.207 | 1.313 |
| 800 | 5.531 | 34.548 | 27.254 | 1.360 |
| 900 | 4.992 | 34.551 | 27.320 | 1.448 |
| 998 | 4.529 | 34.556 | 27.377 | 1.529 |

CAST EP1-93-MB -026 DATE 13 MAR 93 TIME 1909 GMT

LAT 08 01.4N LONG 110 02.3W

CAST EP1-93-MB -026 DATE 13 MAR 93 TIME 1909 GMT
LAT 08 01.4N LONG 110 02.3W WEATHER 2 SEA STATE 3
BAROMETER 09 WIND DIR 060 T SPD 20 KT VISIBILITY 8
CLOUD 2 AMOUNT 6 DRY 29.1 WET 25.7 DEPTH 2175 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.136 | 33.600 | 21.300 | 0.000 |
| 10 | 28.111 | 33.600 | 21.308 | 0.065 |
| 20 | 28.057 | 33.599 | 21.325 | 0.130 |
| 30 | 28.051 | 33.599 | 21.327 | 0.194 |
| 40 | 27.603 | 33.618 | 21.487 | 0.259 |
| 50 | 23.895 | 34.141 | 23.024 | 0.315 |
| 60 | 17.474 | 34.616 | 25.107 | 0.354 |
| 70 | 15.029 | 34.712 | 25.745 | 0.379 |
| 80 | 14.048 | 34.708 | 25.952 | 0.401 |
| 90 | 13.333 | 34.725 | 26.113 | 0.421 |
| 100 | 13.026 | 34.738 | 26.185 | 0.440 |
| 110 | 12.748 | 34.766 | 26.262 | 0.458 |
| 120 | 12.506 | 34.760 | 26.305 | 0.476 |
| 130 | 12.160 | 34.753 | 26.367 | 0.493 |
| 140 | 11.954 | 34.743 | 26.398 | 0.509 |
| 150 | 11.798 | 34.742 | 26.427 | 0.526 |
| 160 | 11.718 | 34.733 | 26.435 | 0.542 |
| 170 | 11.597 | 34.730 | 26.456 | 0.558 |
| 180 | 11.514 | 34.729 | 26.471 | 0.574 |
| 190 | 11.373 | 34.722 | 26.492 | 0.590 |
| 200 | 11.292 | 34.721 | 26.506 | 0.606 |
| 250 | 10.822 | 34.704 | 26.578 | 0.683 |
| 300 | 10.281 | 34.683 | 26.657 | 0.757 |
| 350 | 9.791 | 34.665 | 26.726 | 0.828 |
| 400 | 9.218 | 34.633 | 26.796 | 0.895 |
| 450 | 8.571 | 34.605 | 26.877 | 0.960 |
| 500 | 8.024 | 34.585 | 26.944 | 1.021 |
| 550 | 7.318 | 34.560 | 27.027 | 1.078 |
| 600 | 6.820 | 34.558 | 27.096 | 1.133 |
| 650 | 6.452 | 34.553 | 27.141 | 1.184 |
| 700 | 6.133 | 34.552 | 27.182 | 1.234 |
| 750 | 5.818 | 34.549 | 27.220 | 1.282 |
| 800 | 5.473 | 34.548 | 27.261 | 1.329 |
| 900 | 5.006 | 34.551 | 27.319 | 1.416 |
| 998 | 4.469 | 34.558 | 27.384 | 1.497 |

CAST EP1-93-MB -001 LAT 08 03.2N LONG 094 57.5W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.364 | 34.056 | 0.00 | 27.364 | 21.892 |
| 0. | 27.414 | 34.055 | 0.00 | 27.414 | 21.876 |
| 98. | 12.997 | 34.774 | 0.00 | 12.984 | 26.221 |
| 249. | 11.240 | 34.756 | 0.00 | 11.209 | 26.548 |
| 398. | 9.813 | 34.696 | 0.00 | 9.767 | 26.754 |
| 497. | 8.525 | 34.646 | 0.00 | 8.472 | 26.924 |
| 599. | 7.242 | 34.599 | 0.00 | 7.184 | 27.077 |
| 699. | 6.363 | 34.578 | 0.00 | 6.299 | 27.181 |
| 799. | 5.723 | 34.569 | 0.00 | 5.653 | 27.256 |
| 898. | 5.113 | 34.567 | 0.00 | 5.038 | 27.328 |
| 1001. | 4.661 | 34.571 | 0.00 | 4.580 | 27.383 |
| 997. | 4.675 | 34.569 | 0.00 | 4.594 | 27.380 |

CAST EP1-93-MB -002 LAT 05 03.4N LONG 095 02.5W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.820 | 33.651 | 0.00 | 27.820 | 21.441 |
| 0. | 27.820 | 33.647 | 0.00 | 27.820 | 21.438 |
| 99. | 13.051 | 34.832 | 0.00 | 13.037 | 26.256 |
| 249. | 11.755 | 34.811 | 0.00 | 11.723 | 26.495 |
| 398. | 9.998 | 34.704 | 0.00 | 9.952 | 26.730 |
| 498. | 8.091 | 34.626 | 0.00 | 8.040 | 26.974 |
| 598. | 6.894 | 34.581 | 0.00 | 6.837 | 27.111 |
| 698. | 6.299 | 34.569 | 0.00 | 6.235 | 27.182 |
| 798. | 5.734 | 34.561 | 0.00 | 5.664 | 27.248 |
| 896. | 5.316 | 34.556 | 0.00 | 5.240 | 27.296 |
| 997. | 4.842 | 34.565 | 0.00 | 4.760 | 27.358 |
| 997. | 4.842 | 34.563 | 0.00 | 4.760 | 27.357 |

CAST EP1-93-MB -003 LAT 03 59.8N LONG 095 07.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.466 | 33.979 | 0.00 | 27.466 | 21.802 |
| 0. | 27.472 | 33.977 | 0.00 | 27.472 | 21.799 |
| 100. | 15.098 | 34.930 | 0.00 | 15.083 | 25.900 |
| 246. | 12.480 | 34.862 | 0.00 | 12.447 | 26.396 |
| 397. | 9.272 | 34.678 | 0.00 | 9.228 | 26.830 |
| 495. | 7.673 | 34.612 | 0.00 | 7.623 | 27.025 |
| 598. | 6.937 | 34.580 | 0.00 | 6.880 | 27.105 |
| 698. | 6.511 | 34.576 | 0.00 | 6.446 | 27.160 |
| 798. | 5.902 | 34.561 | 0.00 | 5.831 | 27.228 |
| 897. | 5.387 | 34.557 | 0.00 | 5.310 | 27.288 |
| 1014. | 4.694 | 34.561 | 0.00 | 4.612 | 27.371 |
| 1014. | 4.691 | 34.563 | 0.00 | 4.609 | 27.373 |

CAST EP1-93-MB -004 LAT 02 59.5N LONG 095 18.5W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.343 | 34.008 | 0.00 | 27.343 | 21.863 |
| 0. | 27.346 | 34.007 | 0.00 | 27.346 | 21.862 |
| 99. | 14.225 | 34.946 | 0.00 | 14.211 | 26.102 |
| 248. | 12.545 | 34.862 | 0.00 | 12.512 | 26.383 |
| 397. | 9.383 | 34.683 | 0.00 | 9.338 | 26.815 |
| 495. | 7.807 | 34.623 | 0.00 | 7.757 | 27.014 |
| 596. | 7.021 | 34.584 | 0.00 | 6.964 | 27.096 |
| 696. | 6.341 | 34.569 | 0.00 | 6.277 | 27.177 |
| 798. | 5.753 | 34.566 | 0.00 | 5.683 | 27.250 |
| 896. | 5.053 | 34.567 | 0.00 | 4.979 | 27.334 |
| 998. | 4.569 | 34.575 | 0.00 | 4.489 | 27.396 |
| 997. | 4.569 | 34.571 | 0.00 | 4.489 | 27.393 |

CAST EP1-93-MB -005 LAT 01 59.9N LONG 095 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 26.216 | 33.956 | 0.00 | 26.216 | 22.181 |
| 99. | 13.797 | 34.941 | 0.00 | 13.783 | 26.188 |
| 249. | 12.112 | 34.855 | 0.00 | 12.079 | 26.462 |
| 399. | 9.106 | 34.678 | 0.00 | 9.062 | 26.856 |
| 499. | 8.000 | 34.625 | 0.00 | 7.949 | 26.987 |
| 598. | 7.118 | 34.593 | 0.00 | 7.060 | 27.090 |
| 698. | 6.334 | 34.579 | 0.00 | 6.270 | 27.185 |
| 798. | 5.505 | 34.563 | 0.00 | 5.437 | 27.277 |
| 897. | 4.911 | 34.568 | 0.00 | 4.837 | 27.351 |
| 993. | 4.400 | 34.570 | 0.00 | 4.322 | 27.410 |
| 997. | 4.364 | 34.570 | 0.00 | 4.286 | 27.414 |

CAST EP1-93-MB -006 LAT 01 00.6N LONG 094 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 25.761 | 34.517 | 0.00 | 25.761 | 22.745 |
| 93. | 13.985 | 34.942 | 0.00 | 13.972 | 26.149 |
| 98. | 13.967 | 34.937 | 0.00 | 13.953 | 26.149 |
| 249. | 12.167 | 34.858 | 0.00 | 12.134 | 26.453 |
| 397. | 9.231 | 34.708 | 0.00 | 9.187 | 26.860 |
| 499. | 8.372 | 34.659 | 0.00 | 8.319 | 26.958 |
| 598. | 7.086 | 34.606 | 0.00 | 7.028 | 27.105 |
| 696. | 6.252 | 34.583 | 0.00 | 6.189 | 27.199 |
| 798. | 5.237 | 34.569 | 0.00 | 5.170 | 27.314 |
| 899. | 4.900 | 34.564 | 0.00 | 4.826 | 27.350 |
| 997. | 4.377 | 34.570 | 0.00 | 4.299 | 27.412 |

CAST EP1-93-MB -007 LAT 00 03.5S LONG 094 58.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 25.018 | 34.704 | 0.00 | 25.018 | 23.114 |
| 0. | 24.735 | 34.757 | 0.00 | 24.735 | 23.240 |
| 100. | 14.948 | 34.975 | 0.00 | 14.933 | 25.968 |
| 250. | 11.967 | 34.849 | 0.00 | 11.934 | 26.485 |
| 399. | 9.121 | 34.687 | 0.00 | 9.077 | 26.861 |
| 499. | 7.942 | 34.633 | 0.00 | 7.891 | 27.002 |
| 599. | 6.516 | 34.574 | 0.00 | 6.461 | 27.157 |
| 698. | 5.996 | 34.556 | 0.00 | 5.934 | 27.211 |
| 797. | 5.312 | 34.553 | 0.00 | 5.245 | 27.292 |
| 898. | 4.922 | 34.566 | 0.00 | 4.848 | 27.348 |
| 1013. | 4.351 | 34.565 | 0.00 | 4.271 | 27.411 |
| 1014. | 4.352 | 34.565 | 0.00 | 4.272 | 27.412 |

CAST EP1-93-MB -008 LAT 01 00.1N LONG 155 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 26.089 | 34.709 | 0.00 | 26.089 | 22.788 |
| 0. | 26.083 | 34.708 | 0.00 | 26.083 | 22.789 |
| 99. | 14.308 | 35.024 | 0.00 | 14.293 | 26.144 |
| 250. | 12.644 | 34.903 | 0.00 | 12.610 | 26.396 |
| 399. | 9.185 | 34.693 | 0.00 | 9.141 | 26.855 |
| 499. | 7.213 | 34.598 | 0.00 | 7.165 | 27.080 |
| 598. | 6.520 | 34.579 | 0.00 | 6.465 | 27.160 |
| 698. | 5.835 | 34.565 | 0.00 | 5.774 | 27.238 |
| 798. | 5.144 | 34.551 | 0.00 | 5.078 | 27.310 |
| 897. | 4.755 | 34.554 | 0.00 | 4.682 | 27.358 |
| 1019. | 4.125 | 34.572 | 0.00 | 4.047 | 27.441 |
| 1019. | 4.149 | 34.572 | 0.00 | 4.070 | 27.438 |

CAST EP1-93-MB -009 LAT 02 02.0S LONG 094 59.5W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 98. | 14.157 | 34.987 | 0.00 | 14.143 | 26.148 |
| 248. | 12.848 | 34.906 | 0.00 | 12.814 | 26.358 |
| 401. | 9.732 | 34.727 | 0.00 | 9.686 | 26.792 |
| 498. | 8.120 | 34.642 | 0.00 | 8.068 | 26.983 |
| 600. | 6.850 | 34.592 | 0.00 | 6.793 | 27.126 |
| 697. | 5.900 | 34.575 | 0.00 | 5.839 | 27.237 |
| 798. | 5.240 | 34.555 | 0.00 | 5.173 | 27.303 |
| 898. | 4.778 | 34.555 | 0.00 | 4.705 | 27.356 |
| 998. | 4.431 | 34.567 | 0.00 | 4.352 | 27.405 |
| 997. | 4.432 | 34.568 | 0.00 | 4.353 | 27.405 |

CAST EP1-93-MB -010 LAT 02 59.6S LONG 095 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 26.785 | 34.737 | 0.00 | 26.785 | 22.590 |
| 0. | 26.740 | 34.736 | 0.00 | 26.740 | 22.604 |
| 97. | 14.218 | 35.003 | 0.00 | 14.204 | 26.147 |
| 249. | 11.961 | 34.858 | 0.00 | 11.929 | 26.493 |
| 398. | 9.349 | 34.703 | 0.00 | 9.304 | 26.836 |
| 499. | 8.453 | 34.659 | 0.00 | 8.400 | 26.946 |
| 598. | 7.324 | 34.609 | 0.00 | 7.265 | 27.074 |
| 698. | 6.197 | 34.574 | 0.00 | 6.134 | 27.199 |
| 798. | 5.492 | 34.554 | 0.00 | 5.424 | 27.272 |
| 897. | 4.811 | 34.554 | 0.00 | 4.738 | 27.352 |
| 998. | 4.421 | 34.566 | 0.00 | 4.342 | 27.405 |
| 998. | 4.421 | 34.566 | 0.00 | 4.342 | 27.405 |

CAST EP1-93-MB -011 LAT 03 59.4S LONG 094 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.186 | 34.826 | 0.00 | 27.186 | 22.529 |
| 0. | 27.197 | 34.826 | 0.00 | 27.197 | 22.526 |
| 100. | 13.849 | 34.982 | 0.00 | 13.835 | 26.209 |
| 249. | 12.218 | 34.881 | 0.00 | 12.185 | 26.462 |
| 398. | 9.599 | 34.721 | 0.00 | 9.554 | 26.809 |
| 498. | 8.085 | 34.637 | 0.00 | 8.034 | 26.984 |
| 698. | 6.544 | 34.584 | 0.00 | 6.479 | 27.162 |
| 798. | 5.861 | 34.562 | 0.00 | 5.790 | 27.233 |
| 897. | 5.074 | 34.552 | 0.00 | 4.999 | 27.320 |
| 1013. | 4.457 | 34.557 | 0.00 | 4.377 | 27.394 |
| 1013. | 4.472 | 34.556 | 0.00 | 4.392 | 27.392 |

CAST EP1-93-MB -012 LAT 04 56.7S LONG 095 03.6W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.250 | 34.975 | 0.00 | 27.250 | 22.621 |
| 0. | 27.250 | 34.976 | 0.00 | 27.250 | 22.622 |
| 100. | 13.551 | 34.955 | 0.00 | 13.537 | 26.249 |
| 237. | 12.402 | 34.889 | 0.00 | 12.370 | 26.432 |
| 398. | 9.244 | 34.701 | 0.00 | 9.200 | 26.852 |
| 498. | 8.128 | 34.642 | 0.00 | 8.076 | 26.982 |
| 598. | 7.416 | 34.605 | 0.00 | 7.357 | 27.058 |
| 698. | 6.621 | 34.575 | 0.00 | 6.556 | 27.144 |
| 793. | 5.978 | 34.563 | 0.00 | 5.907 | 27.219 |
| 897. | 5.305 | 34.547 | 0.00 | 5.229 | 27.289 |
| 1025. | 4.610 | 34.553 | 0.00 | 4.527 | 27.374 |
| 1019. | 4.633 | 34.553 | 0.00 | 4.551 | 27.372 |

CAST EP1-93-MB -013 LAT 07 53.6S LONG 095 07.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.024 | 35.413 | 0.00 | 27.024 | 23.023 |
| 0. | 27.021 | 35.410 | 0.00 | 27.021 | 23.022 |
| 100. | 15.709 | 35.099 | 0.00 | 15.693 | 25.895 |
| 248. | 11.888 | 34.866 | 0.00 | 11.856 | 26.513 |
| 399. | 10.255 | 34.762 | 0.00 | 10.208 | 26.731 |
| 499. | 8.688 | 34.667 | 0.00 | 8.634 | 26.915 |
| 598. | 7.416 | 34.604 | 0.00 | 7.357 | 27.057 |
| 698. | 6.425 | 34.568 | 0.00 | 6.361 | 27.165 |
| 798. | 5.636 | 34.548 | 0.00 | 5.567 | 27.250 |
| 894. | 5.147 | 34.542 | 0.00 | 5.072 | 27.304 |
| 1013. | 4.625 | 34.545 | 0.00 | 4.543 | 27.366 |
| 1015. | 4.619 | 34.543 | 0.00 | 4.537 | 27.365 |

CAST EP1-93-MB -014 LAT 08 02.5S LONG 109 55.6W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.080 | 35.179 | 0.00 | 27.080 | 22.829 |
| 99. | 16.341 | 35.237 | 0.00 | 16.325 | 25.856 |
| 249. | 11.362 | 34.837 | 0.00 | 11.331 | 26.589 |
| 398. | 10.037 | 34.748 | 0.00 | 9.990 | 26.757 |
| 499. | 8.805 | 34.677 | 0.00 | 8.751 | 26.905 |
| 597. | 7.293 | 34.595 | 0.00 | 7.235 | 27.067 |
| 697. | 6.112 | 34.554 | 0.00 | 6.049 | 27.194 |
| 797. | 5.515 | 34.541 | 0.00 | 5.447 | 27.259 |
| 897. | 4.880 | 34.541 | 0.00 | 4.807 | 27.333 |
| 1000. | 4.476 | 34.545 | 0.00 | 4.397 | 27.383 |
| 997. | 4.488 | 34.546 | 0.00 | 4.409 | 27.382 |

CAST EP1-93-MB -015 LAT 04 58.6S LONG 109 59.3W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.513 | 34.906 | 0.00 | 27.513 | 22.485 |
| 0. | 27.534 | 34.907 | 0.00 | 27.534 | 22.478 |
| 98. | 14.646 | 35.114 | 0.00 | 14.631 | 26.141 |
| 250. | 12.000 | 34.866 | 0.00 | 11.967 | 26.492 |
| 398. | 9.849 | 34.740 | 0.00 | 9.803 | 26.783 |
| 498. | 8.549 | 34.663 | 0.00 | 8.496 | 26.934 |
| 597. | 7.411 | 34.601 | 0.00 | 7.352 | 27.056 |
| 699. | 6.446 | 34.571 | 0.00 | 6.382 | 27.165 |
| 799. | 5.668 | 34.548 | 0.00 | 5.598 | 27.246 |
| 898. | 5.073 | 34.543 | 0.00 | 4.998 | 27.314 |
| 998. | 4.573 | 34.550 | 0.00 | 4.493 | 27.376 |
| 997. | 4.575 | 34.549 | 0.00 | 4.495 | 27.375 |

CAST EP1-93-MB -016 LAT 04 00.0S LONG 110 00.7W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.318 | 34.789 | 0.00 | 27.318 | 22.459 |
| 0. | 27.320 | 34.789 | 0.00 | 27.320 | 22.458 |
| 100. | 13.321 | 34.950 | 0.00 | 13.307 | 26.293 |
| 250. | 12.063 | 34.870 | 0.00 | 12.030 | 26.483 |
| 399. | 9.762 | 34.736 | 0.00 | 9.716 | 26.794 |
| 499. | 8.032 | 34.632 | 0.00 | 7.981 | 26.988 |
| 599. | 6.994 | 34.583 | 0.00 | 6.937 | 27.099 |
| 696. | 6.265 | 34.557 | 0.00 | 6.202 | 27.177 |
| 798. | 5.619 | 34.548 | 0.00 | 5.550 | 27.251 |
| 898. | 5.141 | 34.553 | 0.00 | 5.066 | 27.313 |
| 1017. | 4.700 | 34.550 | 0.00 | 4.617 | 27.362 |
| 1017. | 4.703 | 34.547 | 0.00 | 4.620 | 27.359 |

CAST EP1-93-MB -017 LAT 02 59.8S LONG 110 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.319 | 34.832 | 0.00 | 27.319 | 22.491 |
| 0. | 27.334 | 34.832 | 0.00 | 27.334 | 22.486 |
| 100. | 13.549 | 34.958 | 0.00 | 13.535 | 26.252 |
| 249. | 12.066 | 34.862 | 0.00 | 12.033 | 26.476 |
| 398. | 9.663 | 34.724 | 0.00 | 9.617 | 26.801 |
| 499. | 7.904 | 34.629 | 0.00 | 7.853 | 27.004 |
| 597. | 6.851 | 34.575 | 0.00 | 6.795 | 27.112 |
| 696. | 6.217 | 34.558 | 0.00 | 6.154 | 27.184 |
| 797. | 5.702 | 34.553 | 0.00 | 5.632 | 27.246 |
| 897. | 5.166 | 34.550 | 0.00 | 5.091 | 27.308 |
| 1001. | 4.602 | 34.554 | 0.00 | 4.522 | 27.376 |
| 1000. | 4.625 | 34.554 | 0.00 | 4.544 | 27.373 |

CAST EP1-93-MB -018 LAT 01 58.5S LONG 109 59.6W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.186 | 34.845 | 0.00 | 27.186 | 22.543 |
| 0. | 27.134 | 34.845 | 0.00 | 27.134 | 22.560 |
| 99. | 12.875 | 34.917 | 0.00 | 12.862 | 26.357 |
| 249. | 12.047 | 34.853 | 0.00 | 12.014 | 26.473 |
| 399. | 10.109 | 34.736 | 0.00 | 10.062 | 26.735 |
| 498. | 8.223 | 34.637 | 0.00 | 8.171 | 26.963 |
| 597. | 7.033 | 34.581 | 0.00 | 6.976 | 27.092 |
| 699. | 6.222 | 34.555 | 0.00 | 6.159 | 27.181 |
| 796. | 5.742 | 34.547 | 0.00 | 5.672 | 27.236 |
| 897. | 5.294 | 34.549 | 0.00 | 5.218 | 27.292 |
| 1000. | 4.603 | 34.558 | 0.00 | 4.523 | 27.379 |
| 998. | 4.626 | 34.558 | 0.00 | 4.546 | 27.376 |

CAST EP1-93-MB -019 LAT 01 00.1S LONG 110 00.5W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 26.897 | 34.914 | 0.00 | 26.897 | 22.688 |
| 0. | 26.874 | 34.914 | 0.00 | 26.874 | 22.695 |
| 99. | 13.352 | 34.945 | 0.00 | 13.338 | 26.283 |
| 249. | 12.530 | 34.882 | 0.00 | 12.497 | 26.402 |
| 395. | 9.688 | 34.719 | 0.00 | 9.643 | 26.793 |
| 497. | 8.154 | 34.632 | 0.00 | 8.102 | 26.970 |
| 597. | 6.964 | 34.581 | 0.00 | 6.907 | 27.101 |
| 697. | 6.320 | 34.563 | 0.00 | 6.256 | 27.175 |
| 797. | 5.771 | 34.559 | 0.00 | 5.701 | 27.242 |
| 897. | 5.205 | 34.545 | 0.00 | 5.129 | 27.300 |
| 998. | 4.469 | 34.554 | 0.00 | 4.390 | 27.390 |
| 997. | 4.469 | 34.556 | 0.00 | 4.390 | 27.391 |

CAST EP1-93-MB -020 LAT 00 02.5N LONG 109 57.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 25.860 | 34.954 | 0.00 | 25.860 | 23.044 |
| 0. | 25.885 | 34.954 | 0.00 | 25.885 | 23.036 |
| 100. | 14.506 | 34.944 | 0.00 | 14.491 | 26.040 |
| 249. | 12.567 | 34.886 | 0.00 | 12.534 | 26.398 |
| 399. | 9.505 | 34.707 | 0.00 | 9.460 | 26.814 |
| 498. | 8.385 | 34.643 | 0.00 | 8.332 | 26.944 |
| 598. | 7.180 | 34.591 | 0.00 | 7.122 | 27.080 |
| 699. | 6.443 | 34.574 | 0.00 | 6.379 | 27.167 |
| 797. | 5.498 | 34.554 | 0.00 | 5.430 | 27.271 |
| 897. | 5.094 | 34.551 | 0.00 | 5.019 | 27.317 |
| 1019. | 4.443 | 34.559 | 0.00 | 4.362 | 27.397 |
| 1016. | 4.458 | 34.558 | 0.00 | 4.377 | 27.395 |

CAST EP1-93-MB -021 LAT 00 59.9N LONG 109 59.4W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 26.459 | 34.922 | 0.00 | 26.459 | 22.832 |
| 0. | 26.467 | 34.922 | 0.00 | 26.467 | 22.830 |
| 99. | 13.597 | 34.906 | 0.00 | 13.583 | 26.202 |
| 250. | 12.323 | 34.867 | 0.00 | 12.290 | 26.430 |
| 397. | 9.635 | 34.711 | 0.00 | 9.590 | 26.796 |
| 499. | 8.078 | 34.628 | 0.00 | 8.026 | 26.978 |
| 597. | 7.007 | 34.591 | 0.00 | 6.950 | 27.104 |
| 701. | 6.238 | 34.570 | 0.00 | 6.174 | 27.191 |
| 789. | 5.485 | 34.556 | 0.00 | 5.417 | 27.274 |
| 895. | 4.895 | 34.554 | 0.00 | 4.822 | 27.342 |
| 1001. | 4.452 | 34.559 | 0.00 | 4.373 | 27.396 |
| 1001. | 4.453 | 34.560 | 0.00 | 4.374 | 27.396 |

CAST EP1-93-MB -022 LAT 02 04.0N LONG 110 11.7W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.259 | 34.508 | 0.00 | 27.259 | 22.267 |
| 0. | 27.381 | 34.509 | 0.00 | 27.381 | 22.228 |
| 99. | 14.035 | 34.938 | 0.00 | 14.021 | 26.135 |
| 249. | 12.266 | 34.864 | 0.00 | 12.233 | 26.439 |
| 399. | 9.527 | 34.695 | 0.00 | 9.482 | 26.801 |
| 497. | 7.865 | 34.615 | 0.00 | 7.815 | 26.999 |
| 597. | 6.880 | 34.583 | 0.00 | 6.823 | 27.115 |
| 699. | 6.221 | 34.568 | 0.00 | 6.158 | 27.191 |
| 797. | 5.524 | 34.557 | 0.00 | 5.455 | 27.270 |
| 898. | 4.930 | 34.560 | 0.00 | 4.856 | 27.343 |
| 1005. | 4.469 | 34.564 | 0.00 | 4.389 | 27.398 |
| 1001. | 4.485 | 34.563 | 0.00 | 4.405 | 27.396 |

CAST EP1-93-MB -023 LAT 03 00.5N LONG 110 07.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.041 | 34.077 | 0.00 | 28.041 | 21.690 |
| 0. | 28.038 | 34.078 | 0.00 | 28.038 | 21.691 |
| 100. | 13.987 | 34.936 | 0.00 | 13.973 | 26.144 |
| 249. | 12.300 | 34.849 | 0.00 | 12.267 | 26.421 |
| 398. | 9.673 | 34.695 | 0.00 | 9.627 | 26.777 |
| 499. | 7.837 | 34.610 | 0.00 | 7.786 | 26.999 |
| 598. | 6.990 | 34.576 | 0.00 | 6.933 | 27.095 |
| 699. | 6.148 | 34.558 | 0.00 | 6.085 | 27.193 |
| 798. | 5.568 | 34.556 | 0.00 | 5.499 | 27.264 |
| 897. | 5.083 | 34.554 | 0.00 | 5.008 | 27.321 |
| 1000. | 4.693 | 34.561 | 0.00 | 4.612 | 27.371 |
| 990. | 4.738 | 34.560 | 0.00 | 4.657 | 27.365 |

CAST EP1-93-MB -024 LAT 03 59.9N LONG 110 02.7W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.100 | 34.215 | 0.00 | 28.100 | 21.774 |
| 0. | 28.101 | 34.215 | 0.00 | 28.101 | 21.774 |
| 100. | 14.268 | 34.947 | 0.00 | 14.253 | 26.094 |
| 250. | 12.434 | 34.857 | 0.00 | 12.401 | 26.401 |
| 399. | 10.028 | 34.710 | 0.00 | 9.981 | 26.729 |
| 499. | 8.244 | 34.634 | 0.00 | 8.192 | 26.958 |
| 598. | 7.168 | 34.593 | 0.00 | 7.110 | 27.083 |
| 699. | 6.258 | 34.563 | 0.00 | 6.194 | 27.183 |
| 798. | 5.674 | 34.554 | 0.00 | 5.605 | 27.250 |
| 889. | 5.084 | 34.555 | 0.00 | 5.010 | 27.322 |
| 1011. | 4.529 | 34.568 | 0.00 | 4.448 | 27.395 |
| 1011. | 4.533 | 34.563 | 0.00 | 4.452 | 27.390 |

CAST EP1-93-MB -025 LAT 04 58.9N LONG 110 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.821 | 34.114 | 0.00 | 27.821 | 21.789 |
| 0. | 27.833 | 34.114 | 0.00 | 27.833 | 21.785 |
| 100. | 13.152 | 34.709 | 0.00 | 13.138 | 26.140 |
| 249. | 11.094 | 34.765 | 0.00 | 11.063 | 26.581 |
| 397. | 9.174 | 34.667 | 0.00 | 9.130 | 26.837 |
| 498. | 7.981 | 34.619 | 0.00 | 7.930 | 26.985 |
| 599. | 7.166 | 34.590 | 0.00 | 7.108 | 27.081 |
| 697. | 6.388 | 34.570 | 0.00 | 6.324 | 27.171 |
| 797. | 5.674 | 34.563 | 0.00 | 5.605 | 27.257 |
| 898. | 5.094 | 34.562 | 0.00 | 5.019 | 27.326 |
| 998. | 4.609 | 34.565 | 0.00 | 4.529 | 27.384 |
| 999. | 4.609 | 34.565 | 0.00 | 4.529 | 27.384 |

CAST EP1-93-MB -026 LAT 08 01.4N LONG 110 02.3W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.141 | 33.661 | 0.00 | 28.141 | 21.344 |
| 0. | 28.147 | 33.660 | 0.00 | 28.147 | 21.342 |
| 99. | 12.825 | 34.808 | 0.00 | 12.812 | 26.283 |
| 249. | 10.841 | 34.738 | 0.00 | 10.811 | 26.606 |
| 398. | 9.221 | 34.658 | 0.00 | 9.177 | 26.823 |
| 499. | 8.028 | 34.566 | 0.00 | 7.977 | 26.937 |
| 597. | 6.968 | 34.575 | 0.00 | 6.911 | 27.096 |
| 697. | 6.223 | 34.568 | 0.00 | 6.160 | 27.191 |
| 797. | 5.570 | 34.561 | 0.00 | 5.501 | 27.268 |
| 897. | 5.080 | 34.563 | 0.00 | 5.005 | 27.328 |
| 999. | 4.541 | 34.567 | 0.00 | 4.461 | 27.392 |
| 996. | 4.554 | 34.566 | 0.00 | 4.474 | 27.391 |

# EP2-93-MB
# April 1-May 14, 1993
# CTD and Hydrographic Data Summary

CAST EP2-93-MB -001 DATE 23 APR 93 TIME 1026 GMT

LAT 08 56.6N LONG 140 20.0W

CAST EP2-93-MB -001 DATE 23 APR 93 TIME 1026 GMT
LAT 08 56.6N LONG 140 20.0W WEATHER SEA STATE
BAROMETER WIND DIR T SPD KT VISIBILITY
CLOUD AMOUNT DRY WET DEPTH M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.339 | 34.561 | 22.281 | 0.000 |
| 10 | 27.338 | 34.562 | 22.282 | 0.055 |
| 20 | 27.337 | 34.563 | 22.283 | 0.111 |
| 30 | 27.337 | 34.564 | 22.283 | 0.166 |
| 40 | 27.336 | 34.564 | 22.284 | 0.222 |
| 50 | 27.335 | 34.566 | 22.285 | 0.278 |
| 60 | 27.332 | 34.566 | 22.287 | 0.333 |
| 70 | 27.326 | 34.566 | 22.289 | 0.389 |
| 80 | 20.996 | 34.466 | 24.090 | 0.440 |
| 90 | 16.708 | 34.433 | 25.149 | 0.472 |
| 100 | 14.269 | 34.407 | 25.672 | 0.497 |
| 110 | 13.052 | 34.486 | 25.985 | 0.519 |
| 120 | 12.692 | 34.627 | 26.166 | 0.539 |
| 130 | 12.548 | 34.725 | 26.270 | 0.557 |
| 140 | 12.293 | 34.743 | 26.334 | 0.574 |
| 150 | 12.101 | 34.739 | 26.368 | 0.591 |
| 160 | 11.836 | 34.732 | 26.412 | 0.608 |
| 170 | 11.629 | 34.729 | 26.449 | 0.624 |
| 180 | 11.361 | 34.720 | 26.492 | 0.640 |
| 190 | 11.234 | 34.719 | 26.514 | 0.656 |
| 200 | 11.068 | 34.714 | 26.541 | 0.671 |
| 250 | 10.524 | 34.695 | 26.623 | 0.746 |
| 300 | 10.043 | 34.678 | 26.694 | 0.818 |
| 350 | 9.464 | 34.647 | 26.767 | 0.887 |
| 400 | 8.951 | 34.622 | 26.830 | 0.953 |
| 450 | 8.397 | 34.593 | 26.894 | 1.016 |
| 500 | 7.869 | 34.574 | 26.959 | 1.076 |
| 550 | 7.330 | 34.552 | 27.020 | 1.134 |
| 600 | 6.686 | 34.536 | 27.097 | 1.189 |
| 650 | 6.282 | 34.534 | 27.148 | 1.240 |
| 700 | 5.946 | 34.535 | 27.192 | 1.289 |
| 750 | 5.640 | 34.537 | 27.232 | 1.337 |
| 800 | 5.336 | 34.541 | 27.272 | 1.382 |
| 900 | 4.817 | 34.551 | 27.340 | 1.469 |
| 1000 | 4.413 | 34.559 | 27.392 | 1.549 |
| 1019 | 4.349 | 34.561 | 27.400 | 1.564 |

CAST EP2-93-MB -002 DATE 24 APR 93 TIME 0700 GMT

LAT 09 00.0N LONG 140 15.0W

CAST EP2-93-MB -002 DATE 24 APR 93 TIME 0700 GMT
LAT 09 00.0N LONG 140 15.0W WEATHER 2 SEA STATE 3
BAROMETER 14 WIND DIR 060 T SPD 18 KT VISIBILITY 8
CLOUD 7 AMOUNT 8 DRY 27.2 WET 24.7 DEPTH 5020 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.316 | 34.544 | 22.275 | 0.000 |
| 10 | 27.318 | 34.546 | 22.276 | 0.055 |
| 20 | 27.325 | 34.546 | 22.274 | 0.111 |
| 30 | 27.325 | 34.548 | 22.275 | 0.167 |
| 40 | 27.321 | 34.550 | 22.278 | 0.222 |
| 50 | 27.318 | 34.550 | 22.280 | 0.278 |
| 60 | 27.325 | 34.552 | 22.279 | 0.334 |
| 70 | 25.595 | 34.531 | 22.807 | 0.389 |
| 80 | 19.503 | 34.476 | 24.493 | 0.428 |
| 90 | 16.968 | 34.412 | 25.072 | 0.460 |
| 100 | 14.676 | 34.403 | 25.583 | 0.486 |
| 110 | 13.665 | 34.447 | 25.830 | 0.509 |
| 120 | 12.837 | 34.560 | 26.085 | 0.530 |
| 130 | 12.649 | 34.700 | 26.231 | 0.548 |
| 140 | 12.384 | 34.731 | 26.306 | 0.566 |
| 150 | 12.169 | 34.726 | 26.344 | 0.583 |
| 160 | 11.897 | 34.723 | 26.394 | 0.600 |
| 170 | 11.713 | 34.720 | 26.426 | 0.617 |
| 180 | 11.577 | 34.714 | 26.447 | 0.633 |
| 190 | 11.417 | 34.708 | 26.473 | 0.649 |
| 200 | 11.322 | 34.708 | 26.490 | 0.665 |
| 250 | 10.652 | 34.688 | 26.595 | 0.742 |
| 300 | 10.034 | 34.665 | 26.685 | 0.815 |
| 350 | 9.551 | 34.641 | 26.748 | 0.884 |
| 400 | 8.951 | 34.606 | 26.818 | 0.951 |
| 450 | 8.372 | 34.581 | 26.889 | 1.015 |
| 500 | 7.738 | 34.555 | 26.963 | 1.075 |
| 500 | 7.738 | 34.555 | 26.963 | 1.075 |

CAST EP2-93-MB -003 DATE 25 APR 93 TIME 0308 GMT

LAT 05 00.3N LONG 140 02.6W

CAST EP2-93-MB -003 DATE 25 APR 93 TIME 0308 GMT
LAT 05 00.3N LONG 140 02.6W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 050 T SPD 12 KT VISIBILITY 8
CLOUD 3 AMOUNT 2 DRY 27.0 WET 25.8 DEPTH 4234 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.137 | 34.552 | 22.015 | 0.000 |
| 10 | 28.109 | 34.564 | 22.034 | 0.058 |
| 20 | 28.057 | 34.587 | 22.068 | 0.116 |
| 30 | 28.052 | 34.594 | 22.075 | 0.173 |
| 40 | 28.046 | 34.603 | 22.083 | 0.231 |
| 50 | 28.048 | 34.616 | 22.093 | 0.288 |
| 60 | 28.039 | 34.650 | 22.121 | 0.346 |
| 70 | 27.225 | 34.748 | 22.458 | 0.402 |
| 80 | 26.492 | 34.785 | 22.719 | 0.455 |
| 90 | 25.519 | 34.817 | 23.046 | 0.505 |
| 100 | 22.739 | 34.800 | 23.859 | 0.550 |
| 110 | 20.085 | 34.730 | 24.534 | 0.587 |
| 120 | 17.278 | 34.631 | 25.166 | 0.619 |
| 130 | 15.089 | 34.619 | 25.660 | 0.644 |
| 140 | 14.137 | 34.605 | 25.854 | 0.666 |
| 150 | 13.478 | 34.615 | 25.998 | 0.687 |
| 160 | 12.278 | 34.655 | 26.268 | 0.707 |
| 170 | 12.065 | 34.676 | 26.325 | 0.724 |
| 180 | 11.763 | 34.681 | 26.387 | 0.741 |
| 190 | 11.264 | 34.686 | 26.484 | 0.758 |
| 200 | 11.032 | 34.682 | 26.523 | 0.773 |
| 250 | 9.908 | 34.638 | 26.685 | 0.847 |
| 300 | 9.532 | 34.646 | 26.755 | 0.915 |
| 350 | 9.233 | 34.636 | 26.796 | 0.982 |
| 400 | 8.858 | 34.622 | 26.845 | 1.047 |
| 450 | 8.446 | 34.608 | 26.899 | 1.109 |
| 500 | 8.072 | 34.597 | 26.947 | 1.170 |
| 550 | 7.425 | 34.573 | 27.023 | 1.228 |
| 600 | 6.799 | 34.557 | 27.098 | 1.282 |
| 650 | 6.395 | 34.550 | 27.146 | 1.334 |
| 700 | 5.914 | 34.543 | 27.202 | 1.383 |
| 750 | 5.536 | 34.543 | 27.249 | 1.430 |
| 800 | 5.314 | 34.544 | 27.277 | 1.475 |
| 900 | 4.829 | 34.550 | 27.339 | 1.560 |
| 1000 | 4.405 | 34.559 | 27.392 | 1.641 |
| 1000 | 4.405 | 34.559 | 27.392 | 1.641 |

CAST EP2-93-MB -004 DATE 26 APR 93 TIME 0548 GMT

LAT 01 59.5N LONG 139 59.7W

CAST EP2-93-MB -004 DATE 26 APR 93 TIME 0548 GMT
LAT 01 59.5N LONG 139 59.7W WEATHER 1 SEA STATE 3
BAROMETER 12 WIND DIR 115 T SPD 12 KT VISIBILITY 8
CLOUD 7 AMOUNT 6 DRY 27.8 WET 25.5 DEPTH 4258 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.217 | 34.795 | 22.172 | 0.000 |
| 10 | 28.175 | 34.804 | 22.193 | 0.056 |
| 20 | 28.045 | 34.817 | 22.244 | 0.112 |
| 30 | 27.954 | 34.804 | 22.265 | 0.168 |
| 40 | 27.530 | 34.776 | 22.381 | 0.224 |
| 50 | 26.720 | 34.877 | 22.716 | 0.277 |
| 60 | 26.297 | 34.901 | 22.868 | 0.327 |
| 70 | 25.787 | 34.848 | 22.987 | 0.377 |
| 80 | 24.526 | 34.830 | 23.358 | 0.424 |
| 90 | 22.831 | 34.810 | 23.840 | 0.468 |
| 100 | 18.639 | 34.740 | 24.915 | 0.503 |
| 110 | 15.891 | 34.687 | 25.532 | 0.531 |
| 120 | 14.555 | 34.762 | 25.886 | 0.555 |
| 130 | 13.661 | 34.792 | 26.098 | 0.575 |
| 140 | 13.491 | 34.822 | 26.156 | 0.594 |
| 150 | 13.235 | 34.860 | 26.237 | 0.612 |
| 160 | 13.092 | 34.861 | 26.267 | 0.630 |
| 170 | 12.972 | 34.858 | 26.289 | 0.648 |
| 180 | 12.783 | 34.851 | 26.321 | 0.666 |
| 190 | 12.621 | 34.841 | 26.345 | 0.683 |
| 200 | 12.439 | 34.829 | 26.372 | 0.700 |
| 250 | 11.888 | 34.801 | 26.456 | 0.783 |
| 300 | 11.253 | 34.754 | 26.538 | 0.863 |
| 350 | 10.050 | 34.677 | 26.692 | 0.938 |
| 400 | 8.712 | 34.621 | 26.868 | 1.006 |
| 450 | 7.933 | 34.597 | 26.967 | 1.066 |
| 500 | 7.636 | 34.587 | 27.003 | 1.124 |
| 550 | 7.476 | 34.583 | 27.023 | 1.180 |
| 600 | 6.995 | 34.563 | 27.076 | 1.235 |
| 650 | 6.796 | 34.560 | 27.100 | 1.289 |
| 700 | 6.416 | 34.550 | 27.143 | 1.341 |
| 750 | 5.984 | 34.540 | 27.192 | 1.390 |
| 800 | 5.461 | 34.535 | 27.252 | 1.438 |
| 900 | 4.930 | 34.541 | 27.320 | 1.526 |
| 999 | 4.366 | 34.552 | 27.391 | 1.607 |

CAST EP2-93-MB -005 DATE 26 APR 93 TIME 1128 GMT

LAT 01 00.3N LONG 139 58.0W

CAST EP2-93-MB -005 DATE 26 APR 93 TIME 1128 GMT
LAT 01 00.3N LONG 139 58.0W WEATHER 4 SEA STATE 3
BAROMETER 11 WIND DIR 108 T SPD 12 KT VISIBILITY 8
CLOUD 2 AMOUNT 4 DRY 27.0 WET 26.0 DEPTH 4449 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.871 | 35.005 | 22.443 | 0.000 |
| 10 | 27.835 | 35.002 | 22.452 | 0.054 |
| 20 | 27.599 | 34.973 | 22.507 | 0.108 |
| 30 | 27.426 | 34.937 | 22.536 | 0.161 |
| 40 | 26.613 | 34.804 | 22.695 | 0.213 |
| 50 | 25.825 | 34.869 | 22.991 | 0.263 |
| 60 | 25.061 | 34.845 | 23.207 | 0.311 |
| 70 | 24.485 | 34.843 | 23.380 | 0.357 |
| 80 | 23.650 | 34.903 | 23.673 | 0.401 |
| 90 | 20.699 | 34.863 | 24.472 | 0.439 |
| 100 | 19.144 | 34.836 | 24.860 | 0.472 |
| 110 | 17.817 | 34.765 | 25.138 | 0.502 |
| 120 | 16.795 | 34.730 | 25.357 | 0.530 |
| 130 | 15.340 | 34.691 | 25.659 | 0.555 |
| 140 | 14.844 | 34.689 | 25.767 | 0.578 |
| 150 | 13.856 | 34.714 | 25.997 | 0.599 |
| 160 | 13.474 | 34.688 | 26.056 | 0.620 |
| 170 | 13.206 | 34.694 | 26.115 | 0.639 |
| 180 | 12.934 | 34.707 | 26.180 | 0.658 |
| 190 | 12.837 | 34.724 | 26.213 | 0.677 |
| 200 | 12.553 | 34.788 | 26.318 | 0.695 |
| 250 | 12.028 | 34.827 | 26.450 | 0.779 |
| 300 | 11.460 | 34.791 | 26.529 | 0.859 |
| 350 | 10.204 | 34.706 | 26.688 | 0.934 |
| 400 | 8.505 | 34.629 | 26.906 | 0.999 |
| 450 | 8.170 | 34.619 | 26.949 | 1.059 |
| 500 | 7.747 | 34.602 | 26.999 | 1.117 |
| 550 | 7.264 | 34.583 | 27.054 | 1.173 |
| 600 | 6.866 | 34.569 | 27.098 | 1.227 |
| 650 | 6.454 | 34.556 | 27.143 | 1.278 |
| 700 | 6.078 | 34.548 | 27.186 | 1.328 |
| 750 | 5.659 | 34.543 | 27.234 | 1.376 |
| 800 | 5.490 | 34.546 | 27.257 | 1.422 |
| 900 | 4.919 | 34.546 | 27.325 | 1.510 |
| 1000 | 4.335 | 34.557 | 27.399 | 1.591 |
| 1019 | 4.295 | 34.559 | 27.405 | 1.605 |

CAST EP2-93-MB -006 DATE 27 APR 93 TIME 0619 GMT

LAT 00 01.8N LONG 140 00.8W

CAST EP2-93-MB -006 DATE 27 APR 93 TIME 0619 GMT
LAT 00 01.8N LONG 140 00.8W WEATHER 1 SEA STATE 2
BAROMETER 11 WIND DIR 105 T SPD 09 KT VISIBILITY 8
CLOUD 7 AMOUNT 7 DRY 27.2 WET 25.5 DEPTH 4209 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.212 | 35.085 | 22.392 | 0.000 |
| 10 | 27.996 | 35.109 | 22.480 | 0.054 |
| 20 | 27.677 | 35.139 | 22.607 | 0.107 |
| 30 | 27.153 | 35.203 | 22.824 | 0.158 |
| 40 | 26.807 | 35.239 | 22.961 | 0.208 |
| 50 | 26.594 | 35.224 | 23.018 | 0.257 |
| 60 | 26.383 | 35.196 | 23.063 | 0.305 |
| 70 | 26.146 | 35.130 | 23.088 | 0.353 |
| 80 | 25.165 | 35.095 | 23.365 | 0.401 |
| 90 | 23.856 | 35.344 | 23.946 | 0.443 |
| 100 | 22.071 | 35.253 | 24.391 | 0.482 |
| 110 | 20.468 | 35.045 | 24.673 | 0.516 |
| 120 | 19.939 | 35.135 | 24.882 | 0.548 |
| 130 | 18.675 | 35.141 | 25.213 | 0.578 |
| 140 | 18.033 | 35.037 | 25.294 | 0.605 |
| 150 | 16.684 | 35.022 | 25.607 | 0.631 |
| 160 | 15.098 | 34.924 | 25.892 | 0.655 |
| 170 | 14.777 | 34.963 | 25.993 | 0.676 |
| 180 | 14.093 | 34.894 | 26.087 | 0.696 |
| 190 | 13.653 | 34.910 | 26.191 | 0.715 |
| 200 | 13.329 | 34.875 | 26.230 | 0.734 |
| 250 | 12.179 | 34.830 | 26.423 | 0.820 |
| 300 | 11.394 | 34.783 | 26.535 | 0.901 |
| 350 | 10.196 | 34.704 | 26.688 | 0.976 |
| 400 | 9.086 | 34.651 | 26.831 | 1.044 |
| 450 | 8.392 | 34.621 | 26.917 | 1.106 |
| 500 | 8.212 | 34.617 | 26.941 | 1.166 |
| 550 | 7.769 | 34.602 | 26.995 | 1.225 |
| 600 | 6.742 | 34.559 | 27.107 | 1.280 |
| 650 | 6.302 | 34.548 | 27.157 | 1.331 |
| 700 | 5.930 | 34.544 | 27.201 | 1.379 |
| 750 | 5.626 | 34.542 | 27.237 | 1.427 |
| 800 | 5.188 | 34.538 | 27.287 | 1.472 |
| 900 | 4.856 | 34.543 | 27.330 | 1.558 |
| 1000 | 4.442 | 34.552 | 27.383 | 1.640 |
| 1000 | 4.442 | 34.552 | 27.383 | 1.640 |

CAST EP2-93-MB -007 DATE 28 APR 93 TIME 2203 GMT

LAT 04 58.3S LONG 139 58.7W

CAST EP2-93-MB -007 DATE 28 APR 93 TIME 2203 GMT
LAT 04 58.3S LONG 139 58.7W WEATHER 1 SEA STATE 2
BAROMETER 10 WIND DIR 119 T SPD 04 KT VISIBILITY 9
CLOUD 2 AMOUNT 6 DRY WET DEPTH M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.288 | 35.066 | 22.020 | 0.000 |
| 10 | 29.270 | 35.067 | 22.026 | 0.058 |
| 20 | 29.245 | 35.067 | 22.034 | 0.116 |
| 30 | 29.200 | 35.070 | 22.052 | 0.174 |
| 40 | 29.094 | 35.085 | 22.099 | 0.231 |
| 50 | 28.285 | 35.301 | 22.530 | 0.286 |
| 60 | 28.024 | 35.476 | 22.747 | 0.338 |
| 70 | 27.577 | 35.519 | 22.925 | 0.389 |
| 80 | 26.676 | 35.523 | 23.217 | 0.437 |
| 90 | 25.699 | 35.588 | 23.573 | 0.482 |
| 100 | 24.753 | 35.806 | 24.028 | 0.524 |
| 110 | 23.765 | 35.867 | 24.369 | 0.561 |
| 120 | 23.041 | 35.895 | 24.602 | 0.596 |
| 130 | 22.075 | 35.930 | 24.905 | 0.629 |
| 140 | 20.596 | 35.775 | 25.195 | 0.658 |
| 150 | 18.847 | 35.536 | 25.471 | 0.685 |
| 160 | 17.471 | 35.363 | 25.681 | 0.710 |
| 170 | 15.598 | 35.151 | 25.956 | 0.732 |
| 180 | 15.198 | 35.114 | 26.017 | 0.753 |
| 190 | 14.185 | 35.017 | 26.162 | 0.772 |
| 200 | 13.368 | 34.944 | 26.276 | 0.791 |
| 250 | 11.557 | 34.820 | 26.533 | 0.873 |
| 300 | 10.560 | 34.759 | 26.667 | 0.947 |
| 350 | 9.727 | 34.709 | 26.772 | 1.016 |
| 400 | 8.767 | 34.655 | 26.885 | 1.081 |
| 450 | 8.259 | 34.628 | 26.943 | 1.141 |
| 500 | 7.841 | 34.609 | 26.990 | 1.200 |
| 550 | 7.329 | 34.584 | 27.045 | 1.256 |
| 600 | 6.989 | 34.571 | 27.083 | 1.310 |
| 650 | 6.667 | 34.561 | 27.118 | 1.363 |
| 700 | 6.302 | 34.546 | 27.155 | 1.414 |
| 750 | 5.970 | 34.539 | 27.192 | 1.463 |
| 800 | 5.599 | 34.533 | 27.234 | 1.511 |
| 900 | 4.973 | 34.533 | 27.308 | 1.601 |
| 998 | 4.468 | 34.540 | 27.371 | 1.683 |

CAST EP2-93-MB -008 DATE 01 MAY 93 TIME 2136 GMT

LAT 02 01.5S LONG 124 31.8W

CAST EP2-93-MB -008 DATE 01 MAY 93 TIME 2136 GMT
LAT 02 01.5S LONG 124 31.8W WEATHER SEA STATE 2
BAROMETER 12 WIND DIR 165 T SPD 12 KT VISIBILITY 4
CLOUD 7 AMOUNT 7 DRY 25.0 WET 24.0 DEPTH M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.042 | 34.801 | 22.233 | 0.000 |
| 10 | 28.011 | 34.975 | 22.375 | 0.055 |
| 20 | 27.832 | 34.980 | 22.437 | 0.109 |
| 30 | 27.623 | 35.008 | 22.525 | 0.163 |
| 40 | 25.939 | 35.084 | 23.118 | 0.213 |
| 50 | 25.755 | 35.115 | 23.198 | 0.260 |
| 60 | 25.053 | 35.069 | 23.379 | 0.306 |
| 70 | 23.838 | 34.997 | 23.689 | 0.350 |
| 80 | 23.913 | 35.147 | 23.780 | 0.392 |
| 90 | 22.373 | 35.162 | 24.237 | 0.432 |
| 100 | 20.666 | 35.459 | 24.935 | 0.466 |
| 110 | 17.734 | 35.222 | 25.509 | 0.493 |
| 120 | 15.118 | 35.044 | 25.981 | 0.516 |
| 130 | 14.107 | 34.980 | 26.150 | 0.536 |
| 140 | 13.425 | 34.933 | 26.255 | 0.554 |
| 150 | 13.024 | 34.903 | 26.314 | 0.572 |
| 160 | 12.817 | 34.889 | 26.344 | 0.589 |
| 170 | 12.684 | 34.878 | 26.362 | 0.606 |
| 180 | 12.428 | 34.858 | 26.397 | 0.623 |
| 190 | 12.364 | 34.856 | 26.408 | 0.640 |
| 200 | 12.224 | 34.847 | 26.428 | 0.656 |
| 250 | 11.926 | 34.827 | 26.470 | 0.737 |
| 300 | 11.545 | 34.811 | 26.529 | 0.817 |
| 350 | 10.918 | 34.776 | 26.616 | 0.894 |
| 400 | 9.750 | 34.699 | 26.760 | 0.965 |
| 450 | 9.027 | 34.667 | 26.854 | 1.032 |
| 500 | 8.384 | 34.633 | 26.928 | 1.094 |
| 501 | 8.382 | 34.633 | 26.928 | 1.096 |

CAST EP2-93-MB -009 DATE 02 MAY 93 TIME 1003 GMT

LAT 00 01.3S LONG 124 21.4W

CAST EP2-93-MB -009 DATE 02 MAY 93 TIME 1003 GMT
LAT 00 01.3S LONG 124 21.4W WEATHER 1 SEA STATE 2
BAROMETER 12 WIND DIR 104 T SPD 04 KT VISIBILITY 8
CLOUD 2 AMOUNT 2 DRY 27.0 WET 25.5 DEPTH 3976 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.803 | 34.879 | 22.370 | 0.000 |
| 10 | 26.931 | 34.866 | 22.641 | 0.053 |
| 20 | 26.027 | 34.878 | 22.935 | 0.104 |
| 30 | 25.871 | 34.948 | 23.036 | 0.153 |
| 40 | 26.045 | 35.201 | 23.173 | 0.200 |
| 50 | 25.782 | 35.181 | 23.240 | 0.247 |
| 60 | 25.587 | 35.155 | 23.281 | 0.294 |
| 70 | 24.952 | 35.239 | 23.538 | 0.339 |
| 80 | 24.115 | 35.320 | 23.851 | 0.381 |
| 90 | 22.893 | 35.340 | 24.223 | 0.420 |
| 100 | 19.884 | 35.099 | 24.869 | 0.454 |
| 110 | 18.898 | 35.025 | 25.067 | 0.484 |
| 120 | 17.759 | 35.062 | 25.380 | 0.512 |
| 130 | 16.257 | 34.944 | 25.646 | 0.537 |
| 140 | 15.731 | 34.991 | 25.803 | 0.560 |
| 150 | 14.644 | 34.895 | 25.970 | 0.581 |
| 160 | 13.806 | 34.840 | 26.105 | 0.601 |
| 170 | 13.527 | 34.840 | 26.162 | 0.621 |
| 180 | 13.288 | 34.880 | 26.242 | 0.639 |
| 190 | 13.048 | 34.873 | 26.285 | 0.657 |
| 200 | 12.935 | 34.874 | 26.309 | 0.675 |
| 250 | 12.495 | 34.858 | 26.383 | 0.761 |
| 300 | 11.607 | 34.806 | 26.513 | 0.845 |
| 350 | 10.805 | 34.756 | 26.621 | 0.922 |
| 400 | 9.963 | 34.712 | 26.733 | 0.994 |
| 450 | 8.754 | 34.650 | 26.884 | 1.060 |
| 500 | 8.107 | 34.619 | 26.959 | 1.120 |
| 550 | 7.574 | 34.594 | 27.018 | 1.178 |
| 600 | 7.303 | 34.584 | 27.049 | 1.234 |
| 650 | 7.068 | 34.574 | 27.074 | 1.290 |
| 700 | 5.988 | 34.552 | 27.201 | 1.340 |
| 750 | 5.673 | 34.546 | 27.235 | 1.387 |
| 800 | 5.384 | 34.545 | 27.270 | 1.433 |
| 900 | 4.532 | 34.552 | 27.373 | 1.518 |
| 1000 | 4.064 | 34.564 | 27.433 | 1.594 |
| 1016 | 4.014 | 34.566 | 27.440 | 1.606 |

CAST EP2-93-MB -010 DATE 03 MAY 93 TIME 0334 GMT

LAT 01 56.2N LONG 124 58.1W

CAST EP2-93-MB -010 DATE 03 MAY 93 TIME 0334 GMT
LAT 01 56.2N LONG 124 58.1W WEATHER 1 SEA STATE 2
BAROMETER 12 WIND DIR 060 T SPD 02 KT VISIBILITY 8
CLOUD 1 AMOUNT 3 DRY 27.8 WET 25.2 DEPTH 4545 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.565 | 34.675 | 21.967 | 0.000 |
| 10 | 28.408 | 34.691 | 22.031 | 0.058 |
| 20 | 28.312 | 34.682 | 22.056 | 0.116 |
| 30 | 26.894 | 34.674 | 22.508 | 0.172 |
| 40 | 25.426 | 34.738 | 23.015 | 0.223 |
| 50 | 24.195 | 34.758 | 23.402 | 0.269 |
| 60 | 22.586 | 34.760 | 23.872 | 0.312 |
| 70 | 20.914 | 34.754 | 24.331 | 0.350 |
| 80 | 20.223 | 34.765 | 24.525 | 0.386 |
| 90 | 17.810 | 34.747 | 25.126 | 0.418 |
| 100 | 15.945 | 34.799 | 25.607 | 0.444 |
| 110 | 14.461 | 34.871 | 25.990 | 0.466 |
| 120 | 14.212 | 34.891 | 26.058 | 0.486 |
| 130 | 13.735 | 34.889 | 26.157 | 0.505 |
| 140 | 13.509 | 34.884 | 26.200 | 0.524 |
| 150 | 13.228 | 34.877 | 26.253 | 0.542 |
| 160 | 13.194 | 34.877 | 26.259 | 0.560 |
| 170 | 13.044 | 34.869 | 26.283 | 0.578 |
| 180 | 12.750 | 34.853 | 26.330 | 0.595 |
| 190 | 12.388 | 34.832 | 26.384 | 0.612 |
| 200 | 12.227 | 34.828 | 26.412 | 0.629 |
| 250 | 11.971 | 34.818 | 26.454 | 0.711 |
| 300 | 11.453 | 34.784 | 26.525 | 0.792 |
| 350 | 10.875 | 34.750 | 26.604 | 0.869 |
| 400 | 9.875 | 34.690 | 26.731 | 0.941 |
| 450 | 8.786 | 34.636 | 26.867 | 1.008 |
| 500 | 8.314 | 34.617 | 26.926 | 1.070 |
| 550 | 7.942 | 34.602 | 26.970 | 1.130 |
| 600 | 7.259 | 34.574 | 27.048 | 1.187 |
| 650 | 6.577 | 34.555 | 27.126 | 1.240 |
| 700 | 6.098 | 34.545 | 27.181 | 1.291 |
| 750 | 5.764 | 34.542 | 27.220 | 1.339 |
| 800 | 5.547 | 34.541 | 27.247 | 1.385 |
| 900 | 4.984 | 34.547 | 27.318 | 1.474 |
| 998 | 4.532 | 34.552 | 27.373 | 1.556 |

CAST EP2-93-MB -011 DATE 03 MAY 93 TIME 2308 GMT

LAT 05 02.3N LONG 124 59.4W

CAST EP2-93-MB -011 DATE 03 MAY 93 TIME 2308 GMT
LAT 05 02.3N LONG 124 59.4W WEATHER SEA STATE 3
BAROMETER 09 WIND DIR 103 T SPD 08 KT VISIBILITY 6
CLOUD 5 AMOUNT 6 DRY 28.0 WET 26.0 DEPTH M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.656 | 34.021 | 21.445 | 0.000 |
| 10 | 28.702 | 34.243 | 21.597 | 0.063 |
| 20 | 28.681 | 34.434 | 21.747 | 0.124 |
| 30 | 27.744 | 34.606 | 22.184 | 0.182 |
| 40 | 27.113 | 34.588 | 22.373 | 0.238 |
| 50 | 26.025 | 34.670 | 22.778 | 0.291 |
| 60 | 25.239 | 34.732 | 23.068 | 0.341 |
| 70 | 23.901 | 34.732 | 23.470 | 0.387 |
| 80 | 20.286 | 34.670 | 24.436 | 0.427 |
| 90 | 17.184 | 34.639 | 25.194 | 0.459 |
| 100 | 15.162 | 34.647 | 25.665 | 0.484 |
| 110 | 14.209 | 34.637 | 25.863 | 0.507 |
| 120 | 13.485 | 34.713 | 26.072 | 0.527 |
| 130 | 12.861 | 34.765 | 26.239 | 0.546 |
| 140 | 12.521 | 34.762 | 26.304 | 0.564 |
| 150 | 12.116 | 34.749 | 26.373 | 0.581 |
| 160 | 11.873 | 34.740 | 26.412 | 0.597 |
| 170 | 11.707 | 34.727 | 26.433 | 0.614 |
| 180 | 11.149 | 34.668 | 26.490 | 0.630 |
| 190 | 10.872 | 34.655 | 26.531 | 0.645 |
| 200 | 10.770 | 34.672 | 26.562 | 0.661 |
| 250 | 10.245 | 34.667 | 26.650 | 0.735 |
| 300 | 9.914 | 34.669 | 26.708 | 0.805 |
| 350 | 9.442 | 34.652 | 26.774 | 0.874 |
| 400 | 8.874 | 34.628 | 26.847 | 0.939 |
| 450 | 8.424 | 34.614 | 26.907 | 1.001 |
| 500 | 7.954 | 34.597 | 26.965 | 1.061 |
| 550 | 7.340 | 34.577 | 27.038 | 1.118 |
| 600 | 6.854 | 34.561 | 27.093 | 1.172 |
| 650 | 6.435 | 34.551 | 27.142 | 1.224 |
| 700 | 6.024 | 34.544 | 27.189 | 1.274 |
| 750 | 5.778 | 34.541 | 27.218 | 1.321 |
| 800 | 5.556 | 34.541 | 27.245 | 1.368 |
| 900 | 5.050 | 34.546 | 27.310 | 1.458 |
| 1000 | 4.598 | 34.556 | 27.369 | 1.542 |
| 1000 | 4.598 | 34.556 | 27.369 | 1.542 |

CAST EP2-93-MB -012 DATE 04 MAY 93 TIME 1923 GMT

LAT 07 58.3N LONG 125 00.3W

CAST EP2-93-MB -012 DATE 04 MAY 93 TIME 1923 GMT
LAT 07 58.3N LONG 125 00.3W WEATHER 1 SEA STATE 2
BAROMETER 12 WIND DIR 005 T SPD 17 KT VISIBILITY 8
CLOUD 7 AMOUNT 5 DRY 29.0 WET 26.3 DEPTH 4654 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.097 | 33.896 | 21.535 | 0.000 |
| 10 | 28.030 | 33.892 | 21.554 | 0.063 |
| 20 | 28.014 | 33.894 | 21.561 | 0.125 |
| 30 | 27.733 | 34.004 | 21.735 | 0.186 |
| 40 | 27.740 | 34.195 | 21.876 | 0.246 |
| 50 | 27.389 | 34.392 | 22.137 | 0.304 |
| 60 | 21.382 | 34.555 | 24.052 | 0.353 |
| 70 | 18.465 | 34.566 | 24.825 | 0.388 |
| 80 | 16.242 | 34.540 | 25.339 | 0.417 |
| 90 | 14.571 | 34.532 | 25.705 | 0.442 |
| 100 | 13.660 | 34.589 | 25.941 | 0.463 |
| 110 | 13.020 | 34.642 | 26.112 | 0.483 |
| 120 | 12.492 | 34.690 | 26.254 | 0.502 |
| 130 | 12.136 | 34.713 | 26.341 | 0.519 |
| 140 | 11.867 | 34.712 | 26.391 | 0.536 |
| 150 | 11.669 | 34.707 | 26.424 | 0.552 |
| 160 | 11.461 | 34.702 | 26.460 | 0.569 |
| 170 | 11.180 | 34.691 | 26.502 | 0.584 |
| 180 | 11.083 | 34.696 | 26.525 | 0.600 |
| 190 | 10.934 | 34.692 | 26.548 | 0.615 |
| 200 | 10.809 | 34.692 | 26.570 | 0.630 |
| 250 | 10.302 | 34.675 | 26.647 | 0.704 |
| 300 | 9.902 | 34.663 | 26.706 | 0.775 |
| 350 | 9.507 | 34.651 | 26.762 | 0.844 |
| 400 | 9.082 | 34.633 | 26.818 | 0.910 |
| 450 | 8.597 | 34.614 | 26.880 | 0.974 |
| 500 | 8.059 | 34.593 | 26.945 | 1.035 |
| 550 | 7.376 | 34.553 | 27.014 | 1.094 |
| 600 | 6.945 | 34.543 | 27.066 | 1.149 |
| 650 | 6.483 | 34.536 | 27.124 | 1.202 |
| 700 | 6.095 | 34.534 | 27.172 | 1.252 |
| 750 | 5.695 | 34.535 | 27.224 | 1.301 |
| 800 | 5.433 | 34.538 | 27.258 | 1.347 |
| 900 | 4.949 | 34.546 | 27.321 | 1.435 |
| 1000 | 4.501 | 34.554 | 27.378 | 1.517 |
| 1000 | 4.501 | 34.554 | 27.378 | 1.517 |

CAST EP2-93-MB -013 DATE 08 MAY 93 TIME 1115 GMT

LAT 00 00.3N LONG 109 58.2W

CAST EP2-93-MB -013 DATE 08 MAY 93 TIME 1115 GMT
LAT 00 00.3N LONG 109 58.2W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 000 T SPD 00 KT VISIBILITY 8
CLOUD 1 AMOUNT 6 DRY 25.4 WET 24.4 DEPTH 3768 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.603 | 34.922 | 22.787 | 0.000 |
| 10 | 26.442 | 34.924 | 22.840 | 0.050 |
| 20 | 26.214 | 34.948 | 22.929 | 0.100 |
| 30 | 25.673 | 35.033 | 23.161 | 0.148 |
| 40 | 24.051 | 35.148 | 23.740 | 0.193 |
| 50 | 20.730 | 34.845 | 24.450 | 0.232 |
| 60 | 19.128 | 34.992 | 24.984 | 0.264 |
| 70 | 18.828 | 35.078 | 25.126 | 0.294 |
| 80 | 17.736 | 35.031 | 25.361 | 0.321 |
| 90 | 16.739 | 34.891 | 25.493 | 0.347 |
| 100 | 16.175 | 34.960 | 25.677 | 0.371 |
| 110 | 15.353 | 34.853 | 25.781 | 0.394 |
| 120 | 14.886 | 34.806 | 25.848 | 0.416 |
| 130 | 14.369 | 34.813 | 25.965 | 0.437 |
| 140 | 14.203 | 34.836 | 26.019 | 0.457 |
| 150 | 14.265 | 34.899 | 26.053 | 0.477 |
| 160 | 14.225 | 34.914 | 26.074 | 0.497 |
| 170 | 14.100 | 34.920 | 26.105 | 0.517 |
| 180 | 13.915 | 34.927 | 26.149 | 0.536 |
| 190 | 13.714 | 34.918 | 26.184 | 0.555 |
| 200 | 13.558 | 34.898 | 26.201 | 0.574 |
| 250 | 12.785 | 34.871 | 26.336 | 0.664 |
| 300 | 11.685 | 34.807 | 26.499 | 0.748 |
| 350 | 10.473 | 34.732 | 26.662 | 0.824 |
| 400 | 9.442 | 34.680 | 26.796 | 0.893 |
| 450 | 8.948 | 34.655 | 26.856 | 0.958 |
| 500 | 8.168 | 34.616 | 26.947 | 1.020 |
| 550 | 7.433 | 34.588 | 27.033 | 1.078 |
| 600 | 7.156 | 34.578 | 27.065 | 1.133 |
| 650 | 6.536 | 34.554 | 27.131 | 1.186 |
| 700 | 6.132 | 34.555 | 27.185 | 1.236 |
| 750 | 5.783 | 34.548 | 27.223 | 1.283 |
| 800 | 5.503 | 34.546 | 27.256 | 1.330 |
| 900 | 4.871 | 34.545 | 27.329 | 1.418 |
| 1000 | 4.380 | 34.554 | 27.391 | 1.499 |
| 1182 | 3.780 | 34.574 | 27.470 | 1.633 |

CAST EP2-93-MB -001 LAT 08 56.6N LONG 140 20.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.327 | 34.598 | 0.00 | 27.327 | 22.313 |
| 0. | 27.327 | 34.598 | 0.00 | 27.327 | 22.312 |
| 100. | 13.210 | 34.509 | 0.00 | 13.196 | 25.973 |
| 250. | 10.500 | 34.713 | 0.00 | 10.470 | 26.647 |
| 399. | 8.980 | 34.635 | 0.00 | 8.936 | 26.843 |
| 499. | 7.960 | 34.584 | 0.00 | 7.909 | 26.961 |
| 599. | 6.862 | 34.547 | 0.00 | 6.805 | 27.089 |
| 699. | 6.009 | 34.539 | 0.00 | 5.947 | 27.196 |
| 797. | 5.426 | 34.544 | 0.00 | 5.358 | 27.272 |
| 897. | 4.903 | 34.553 | 0.00 | 4.829 | 27.340 |
| 1021. | 4.424 | 34.563 | 0.00 | 4.343 | 27.402 |
| 1018. | 4.434 | 34.562 | 0.00 | 4.353 | 27.400 |

CAST EP2-93-MB -002 LAT 09 00.0N LONG 140 15.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.307 | 34.601 | 0.00 | 27.307 | 22.321 |
| 0. | 27.311 | 34.601 | 0.00 | 27.311 | 22.320 |
| 101. | 14.215 | 34.451 | 0.00 | 14.200 | 25.722 |
| 248. | 10.711 | 34.720 | 0.00 | 10.681 | 26.615 |
| 400. | 9.080 | 34.637 | 0.00 | 9.036 | 26.829 |
| 499. | 7.799 | 34.575 | 0.00 | 7.749 | 26.978 |
| 499. | 7.803 | 34.578 | 0.00 | 7.753 | 26.979 |

CAST EP2-93-MB -003 LAT 05 00.3N LONG 140 02.6W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.112 | 34.614 | 0.00 | 28.112 | 22.070 |
| 0. | 28.111 | 34.614 | 0.00 | 28.111 | 22.070 |
| 96. | 20.508 | 34.804 | 0.00 | 20.490 | 24.484 |
| 247. | 9.866 | 34.678 | 0.00 | 9.838 | 26.729 |
| 398. | 8.938 | 34.648 | 0.00 | 8.895 | 26.859 |
| 499. | 8.149 | 34.618 | 0.00 | 8.097 | 26.959 |
| 597. | 6.987 | 34.578 | 0.00 | 6.930 | 27.096 |
| 697. | 6.082 | 34.560 | 0.00 | 6.020 | 27.203 |
| 798. | 5.398 | 34.555 | 0.00 | 5.330 | 27.284 |
| 891. | 4.928 | 34.559 | 0.00 | 4.855 | 27.342 |
| 1002. | 4.473 | 34.565 | 0.00 | 4.393 | 27.399 |
| 1003. | 4.472 | 34.565 | 0.00 | 4.392 | 27.399 |

CAST EP2-93-MB -004 LAT 01 59.5N LONG 139 59.7W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.227 | 34.856 | 0.00 | 28.227 | 22.214 |
| 0. | 28.246 | 34.855 | 0.00 | 28.246 | 22.207 |
| 97. | 17.588 | 34.769 | 0.00 | 17.572 | 25.201 |
| 249. | 11.701 | 34.823 | 0.00 | 11.669 | 26.515 |
| 399. | 8.714 | 34.650 | 0.00 | 8.671 | 26.896 |
| 497. | 7.673 | 34.607 | 0.00 | 7.623 | 27.021 |
| 597. | 7.057 | 34.583 | 0.00 | 7.000 | 27.091 |
| 697. | 6.540 | 34.565 | 0.00 | 6.475 | 27.148 |
| 797. | 5.714 | 34.553 | 0.00 | 5.644 | 27.244 |
| 897. | 5.016 | 34.549 | 0.00 | 4.942 | 27.324 |
| 1001. | 4.441 | 34.558 | 0.00 | 4.362 | 27.396 |
| 999. | 4.447 | 34.558 | 0.00 | 4.368 | 27.396 |

CAST EP2-93-MB -005 LAT 01 00.3N LONG 139 58.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.861 | 35.050 | 0.00 | 27.861 | 22.480 |
| 0. | 27.858 | 35.048 | 0.00 | 27.858 | 22.479 |
| 100. | 17.337 | 34.786 | 0.00 | 17.320 | 25.274 |
| 248. | 12.070 | 34.849 | 0.00 | 12.038 | 26.465 |
| 399. | 8.820 | 34.654 | 0.00 | 8.777 | 26.883 |
| 498. | 7.832 | 34.614 | 0.00 | 7.782 | 27.003 |
| 596. | 6.961 | 34.578 | 0.00 | 6.904 | 27.100 |
| 699. | 6.117 | 34.556 | 0.00 | 6.054 | 27.195 |
| 798. | 5.546 | 34.549 | 0.00 | 5.477 | 27.262 |
| 896. | 4.995 | 34.549 | 0.00 | 4.921 | 27.327 |
| 1019. | 4.374 | 34.561 | 0.00 | 4.294 | 27.406 |
| 1013. | 4.375 | 34.560 | 0.00 | 4.295 | 27.405 |

CAST EP2-93-MB -006 LAT 00 01.8N LONG 140 00.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.150 | 35.148 | 0.00 | 28.150 | 22.459 |
| 98. | 20.489 | 35.136 | 0.00 | 20.471 | 24.741 |
| 248. | 12.228 | 34.860 | 0.00 | 12.195 | 26.444 |
| 398. | 9.284 | 34.677 | 0.00 | 9.240 | 26.827 |
| 499. | 8.261 | 34.632 | 0.00 | 8.209 | 26.954 |
| 597. | 6.917 | 34.555 | 0.00 | 6.860 | 27.087 |
| 697. | 6.009 | 34.554 | 0.00 | 5.947 | 27.207 |
| 798. | 5.249 | 34.546 | 0.00 | 5.182 | 27.294 |
| 899. | 4.984 | 34.548 | 0.00 | 4.910 | 27.328 |
| 1005. | 4.517 | 34.556 | 0.00 | 4.437 | 27.387 |
| 1001. | 4.520 | 34.556 | 0.00 | 4.440 | 27.386 |

CAST EP2-93-MB -007 LAT 04 58.3S LONG 139 58.7W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 29.438 | 35.128 | 0.00 | 29.438 | 22.016 |
| 0. | 29.472 | 35.131 | 0.00 | 29.472 | 22.006 |
| 100. | 20.622 | 35.829 | 0.00 | 20.603 | 25.234 |
| 248. | 11.498 | 34.851 | 0.00 | 11.467 | 26.574 |
| 399. | 8.675 | 34.674 | 0.00 | 8.632 | 26.922 |
| 497. | 7.813 | 34.631 | 0.00 | 7.763 | 27.019 |
| 598. | 6.978 | 34.548 | 0.00 | 6.921 | 27.074 |
| 698. | 6.342 | 34.563 | 0.00 | 6.278 | 27.172 |
| 797. | 5.674 | 34.547 | 0.00 | 5.605 | 27.244 |
| 897. | 5.072 | 34.552 | 0.00 | 4.997 | 27.320 |
| 998. | 4.547 | 34.546 | 0.00 | 4.467 | 27.375 |

CAST EP2-93-MB -008 LAT 02 01.5S LONG 124 31.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.066 | 34.851 | 0.00 | 28.066 | 22.263 |
| 0. | 28.056 | 34.846 | 0.00 | 28.056 | 22.263 |
| 95. | 21.950 | 35.322 | 0.00 | 21.931 | 24.483 |
| 250. | 11.935 | 34.847 | 0.00 | 11.903 | 26.490 |
| 400. | 9.781 | 34.711 | 0.00 | 9.735 | 26.772 |
| 501. | 8.432 | 34.643 | 0.00 | 8.379 | 26.936 |

CAST EP2-93-MB -009 LAT 00 01.3S LONG 124 21.4W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.767 | 34.975 | 0.00 | 27.767 | 22.454 |
| 0. | 27.715 | 34.973 | 0.00 | 27.715 | 22.470 |
| 100. | 18.548 | 35.125 | 0.00 | 18.530 | 25.236 |
| 250. | 12.521 | 34.890 | 0.00 | 12.487 | 26.410 |
| 399. | 10.077 | 34.738 | 0.00 | 10.030 | 26.742 |
| 499. | 8.214 | 34.631 | 0.00 | 8.162 | 26.960 |
| 599. | 7.404 | 34.600 | 0.00 | 7.345 | 27.055 |
| 698. | 6.092 | 34.556 | 0.00 | 6.030 | 27.198 |
| 798. | 5.456 | 34.549 | 0.00 | 5.388 | 27.272 |
| 895. | 4.617 | 34.556 | 0.00 | 4.546 | 27.375 |
| 1016. | 4.090 | 34.565 | 0.00 | 4.012 | 27.439 |
| 1016. | 4.091 | 34.567 | 0.00 | 4.013 | 27.441 |

CAST EP2-93-MB -010 LAT 01 56.2N LONG 124 58.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 29.008 | 34.722 | 0.00 | 29.008 | 21.855 |
| 0. | 28.908 | 34.722 | 0.00 | 28.908 | 21.888 |
| 99. | 14.583 | 34.889 | 0.00 | 14.568 | 25.981 |
| 250. | 11.978 | 34.847 | 0.00 | 11.945 | 26.482 |
| 399. | 10.012 | 34.721 | 0.00 | 9.965 | 26.740 |
| 498. | 8.341 | 34.633 | 0.00 | 8.289 | 26.943 |
| 698. | 6.157 | 34.558 | 0.00 | 6.094 | 27.191 |
| 795. | 5.621 | 34.549 | 0.00 | 5.552 | 27.253 |
| 897. | 5.052 | 34.553 | 0.00 | 4.977 | 27.324 |
| 1000. | 4.599 | 34.557 | 0.00 | 4.519 | 27.378 |

CAST EP2-93-MB -011 LAT 05 02.3N LONG 124 59.4W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.675 | 34.067 | 0.00 | 28.675 | 21.474 |
| 0. | 28.675 | 34.071 | 0.00 | 28.675 | 21.477 |
| 98. | 15.150 | 34.677 | 0.00 | 15.135 | 25.694 |
| 250. | 10.243 | 34.698 | 0.00 | 10.214 | 26.680 |
| 399. | 8.934 | 34.650 | 0.00 | 8.891 | 26.862 |
| 497. | 8.035 | 34.618 | 0.00 | 7.984 | 26.977 |
| 598. | 6.983 | 34.579 | 0.00 | 6.926 | 27.098 |
| 698. | 6.147 | 34.556 | 0.00 | 6.084 | 27.191 |
| 798. | 5.625 | 34.550 | 0.00 | 5.556 | 27.252 |
| 898. | 5.124 | 34.555 | 0.00 | 5.049 | 27.317 |
| 1000. | 4.677 | 34.561 | 0.00 | 4.596 | 27.373 |
| 1000. | 4.693 | 34.560 | 0.00 | 4.612 | 27.371 |

CAST EP2-93-MB -012 LAT 07 58.3N LONG 125 00.3W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.093 | 33.949 | 0.00 | 28.093 | 21.576 |
| 0. | 28.093 | 33.949 | 0.00 | 28.093 | 21.576 |
| 99. | 13.259 | 34.674 | 0.00 | 13.245 | 26.091 |
| 249. | 10.313 | 34.706 | 0.00 | 10.284 | 26.674 |
| 398. | 9.120 | 34.656 | 0.00 | 9.076 | 26.837 |
| 498. | 8.098 | 34.611 | 0.00 | 8.047 | 26.961 |
| 598. | 6.999 | 34.562 | 0.00 | 6.942 | 27.082 |
| 698. | 6.141 | 34.546 | 0.00 | 6.078 | 27.184 |
| 797. | 5.487 | 34.548 | 0.00 | 5.419 | 27.268 |
| 897. | 5.024 | 34.553 | 0.00 | 4.950 | 27.327 |
| 1000. | 4.581 | 34.560 | 0.00 | 4.501 | 27.383 |
| 999. | 4.581 | 34.559 | 0.00 | 4.501 | 27.382 |

CAST EP2-93-MB -013 LAT 00 00.3N LONG 109 58.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 26.617 | 34.986 | 0.00 | 26.617 | 22.831 |
| 0. | 26.568 | 34.986 | 0.00 | 26.568 | 22.846 |
| 100. | 14.337 | 34.847 | 0.00 | 14.322 | 26.001 |
| 249. | 12.518 | 34.879 | 0.00 | 12.485 | 26.402 |
| 399. | 9.350 | 34.694 | 0.00 | 9.305 | 26.829 |
| 498. | 8.127 | 34.627 | 0.00 | 8.075 | 26.970 |
| 598. | 7.195 | 34.592 | 0.00 | 7.137 | 27.078 |
| 697. | 6.202 | 34.567 | 0.00 | 6.139 | 27.193 |
| 798. | 5.611 | 34.553 | 0.00 | 5.542 | 27.257 |
| 897. | 4.955 | 34.550 | 0.00 | 4.881 | 27.332 |
| 983. | 4.473 | 34.555 | 0.00 | 4.395 | 27.391 |
| 984. | 4.473 | 34.556 | 0.00 | 4.395 | 27.391 |

# TG1-93-DI
# February 25-March 15, 1993
# CTD and Hydrographic Data Summary

CAST TG1-93-DI -002 DATE 28 FEB 93 TIME 1014 GMT

LAT 07 57.5N LONG 155 01.5W

CAST TG1-93-DI -002 DATE 28 FEB 93 TIME 1014 GMT
LAT 07 57.5N LONG 155 01.5W WEATHER 1 SEA STATE 3
BAROMETER 20 WIND DIR 060 T SPD 16 KT VISIBILITY 7
CLOUD 3 AMOUNT X DRY 28.0 WET 27.0 DEPTH 5209 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.694 | 34.277 | 21.953 | 0.000 |
| 10 | 27.695 | 34.277 | 21.952 | 0.059 |
| 20 | 27.695 | 34.277 | 21.952 | 0.117 |
| 30 | 27.696 | 34.276 | 21.952 | 0.176 |
| 40 | 27.694 | 34.276 | 21.952 | 0.235 |
| 50 | 27.692 | 34.276 | 21.953 | 0.293 |
| 60 | 27.688 | 34.277 | 21.955 | 0.352 |
| 70 | 26.724 | 34.452 | 22.395 | 0.410 |
| 80 | 23.197 | 34.695 | 23.647 | 0.458 |
| 90 | 20.375 | 34.706 | 24.439 | 0.496 |
| 100 | 18.069 | 34.694 | 25.022 | 0.528 |
| 110 | 16.280 | 34.696 | 25.451 | 0.556 |
| 120 | 14.741 | 34.593 | 25.716 | 0.580 |
| 130 | 13.562 | 34.610 | 25.977 | 0.602 |
| 140 | 12.863 | 34.619 | 26.126 | 0.622 |
| 150 | 12.100 | 34.650 | 26.299 | 0.640 |
| 160 | 11.839 | 34.655 | 26.352 | 0.657 |
| 170 | 11.463 | 34.712 | 26.467 | 0.673 |
| 180 | 11.203 | 34.712 | 26.514 | 0.689 |
| 190 | 11.011 | 34.709 | 26.547 | 0.704 |
| 200 | 10.780 | 34.702 | 26.583 | 0.720 |
| 250 | 10.032 | 34.679 | 26.696 | 0.792 |
| 300 | 9.782 | 34.683 | 26.741 | 0.860 |
| 350 | 9.356 | 34.662 | 26.796 | 0.927 |
| 400 | 9.041 | 34.653 | 26.840 | 0.993 |
| 450 | 8.669 | 34.640 | 26.889 | 1.056 |
| 500 | 8.246 | 34.620 | 26.939 | 1.117 |
| 550 | 7.724 | 34.599 | 27.000 | 1.176 |
| 600 | 7.253 | 34.577 | 27.051 | 1.232 |
| 650 | 6.787 | 34.565 | 27.105 | 1.286 |
| 700 | 6.296 | 34.555 | 27.164 | 1.337 |
| 750 | 5.930 | 34.552 | 27.207 | 1.386 |
| 800 | 5.588 | 34.551 | 27.249 | 1.433 |
| 900 | 5.020 | 34.553 | 27.319 | 1.522 |
| 992 | 4.646 | 34.560 | 27.366 | 1.598 |

CAST TG1-93-DI -003 DATE 18 FEB 93 TIME 1951 GMT

LAT 05 59.8N LONG 154 59.8W

CAST TG1-93-DI -003 DATE 18 FEB 93 TIME 1951 GMT
LAT 05 59.8N LONG 154 59.8W WEATHER 1 SEA STATE 5
BAROMETER 12 WIND DIR 070 T SPD 20 KT VISIBILITY 7
CLOUD 8 AMOUNT 4 DRY 28.5 WET 27.8 DEPTH 4872 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.032 | 34.473 | 21.990 | 0.000 |
| 10 | 28.032 | 34.473 | 21.990 | 0.058 |
| 20 | 28.032 | 34.472 | 21.989 | 0.117 |
| 30 | 28.031 | 34.472 | 21.989 | 0.175 |
| 40 | 28.026 | 34.474 | 21.993 | 0.233 |
| 50 | 27.949 | 34.628 | 22.134 | 0.291 |
| 60 | 27.781 | 34.746 | 22.277 | 0.348 |
| 70 | 27.727 | 34.824 | 22.353 | 0.403 |
| 80 | 26.819 | 34.831 | 22.650 | 0.457 |
| 90 | 25.310 | 34.880 | 23.158 | 0.508 |
| 100 | 23.280 | 34.908 | 23.785 | 0.551 |
| 110 | 21.968 | 34.861 | 24.123 | 0.591 |
| 120 | 20.927 | 34.822 | 24.379 | 0.628 |
| 130 | 19.998 | 34.830 | 24.634 | 0.663 |
| 140 | 19.127 | 34.775 | 24.818 | 0.696 |
| 150 | 17.025 | 34.693 | 25.274 | 0.725 |
| 160 | 15.548 | 34.660 | 25.589 | 0.751 |
| 170 | 14.589 | 34.627 | 25.774 | 0.774 |
| 180 | 13.115 | 34.612 | 26.070 | 0.795 |
| 190 | 12.462 | 34.624 | 26.208 | 0.814 |
| 200 | 11.932 | 34.631 | 26.316 | 0.832 |
| 250 | 10.240 | 34.642 | 26.632 | 0.911 |
| 300 | 9.635 | 34.654 | 26.744 | 0.981 |
| 350 | 9.207 | 34.644 | 26.806 | 1.048 |
| 400 | 8.944 | 34.642 | 26.847 | 1.112 |
| 450 | 8.685 | 34.631 | 26.879 | 1.176 |
| 500 | 8.288 | 34.614 | 26.927 | 1.237 |
| 550 | 7.827 | 34.595 | 26.982 | 1.297 |
| 600 | 7.394 | 34.582 | 27.034 | 1.354 |
| 650 | 6.739 | 34.566 | 27.113 | 1.408 |
| 700 | 6.309 | 34.553 | 27.160 | 1.459 |
| 750 | 5.863 | 34.549 | 27.214 | 1.508 |
| 800 | 5.437 | 34.545 | 27.263 | 1.554 |
| 900 | 4.873 | 34.551 | 27.334 | 1.641 |
| 1000 | 4.426 | 34.558 | 27.390 | 1.723 |
| 1006 | 4.411 | 34.558 | 27.391 | 1.727 |

CAST TG1-93-DI -004 DATE 01 MAR 93 TIME 0142 GMT

LAT 04 58.4N LONG 154 55.7W

CAST TG1-93-DI -004 DATE 01 MAR 93 TIME 0142 GMT
LAT 04 58.4N LONG 154 55.7W WEATHER 1 SEA STATE 2
BAROMETER 08 WIND DIR 077 T SPD 16 KT VISIBILITY 7
CLOUD 3 AMOUNT 2 DRY 28.6 WET 27.2 DEPTH 4598 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.685 | 34.762 | 22.320 | 0.000 |
| 10 | 27.536 | 34.771 | 22.376 | 0.055 |
| 20 | 27.512 | 34.777 | 22.388 | 0.109 |
| 30 | 27.474 | 34.788 | 22.408 | 0.164 |
| 40 | 27.365 | 34.812 | 22.461 | 0.218 |
| 50 | 27.330 | 34.820 | 22.478 | 0.272 |
| 60 | 27.298 | 34.830 | 22.496 | 0.326 |
| 70 | 27.162 | 34.845 | 22.552 | 0.379 |
| 80 | 26.804 | 34.872 | 22.686 | 0.432 |
| 90 | 26.479 | 34.868 | 22.786 | 0.483 |
| 100 | 25.988 | 34.894 | 22.959 | 0.533 |
| 110 | 25.460 | 34.908 | 23.133 | 0.582 |
| 120 | 24.736 | 34.908 | 23.354 | 0.629 |
| 130 | 23.323 | 34.900 | 23.766 | 0.673 |
| 140 | 20.207 | 34.847 | 24.591 | 0.710 |
| 150 | 19.019 | 34.795 | 24.861 | 0.742 |
| 160 | 17.774 | 34.746 | 25.134 | 0.772 |
| 170 | 16.276 | 34.683 | 25.441 | 0.800 |
| 180 | 14.854 | 34.644 | 25.730 | 0.824 |
| 190 | 13.784 | 34.627 | 25.945 | 0.846 |
| 200 | 13.033 | 34.619 | 26.092 | 0.867 |
| 250 | 10.742 | 34.654 | 26.553 | 0.953 |
| 300 | 9.825 | 34.668 | 26.723 | 1.025 |
| 350 | 9.295 | 34.652 | 26.798 | 1.093 |
| 400 | 8.962 | 34.637 | 26.841 | 1.158 |
| 450 | 8.476 | 34.615 | 26.900 | 1.221 |
| 500 | 8.030 | 34.599 | 26.955 | 1.281 |
| 550 | 7.618 | 34.590 | 27.008 | 1.339 |
| 600 | 7.122 | 34.573 | 27.066 | 1.395 |
| 650 | 6.659 | 34.559 | 27.118 | 1.448 |
| 700 | 6.184 | 34.547 | 27.172 | 1.499 |
| 750 | 5.867 | 34.544 | 27.209 | 1.548 |
| 800 | 5.415 | 34.541 | 27.263 | 1.594 |
| 900 | 4.981 | 34.546 | 27.317 | 1.682 |
| 994 | 4.545 | 34.552 | 27.372 | 1.760 |

CAST TG1-93-DI -005 DATE 01 MAR 93 TIME 0720 GMT

LAT 04 00.4N LONG 155 00.2W

CAST TG1-93-DI -005 DATE 01 MAR 93 TIME 0720 GMT
LAT 04 00.4N LONG 155 00.2W WEATHER 2 SEA STATE 3
BAROMETER 13 WIND DIR 080 T SPD 16 KT VISIBILITY 8
CLOUD 9 AMOUNT 8 DRY 27.0 WET 26.5 DEPTH 4681 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.136 | 34.821 | 22.542 | 0.000 |
| 10 | 27.102 | 34.821 | 22.553 | 0.053 |
| 20 | 26.959 | 34.817 | 22.595 | 0.106 |
| 30 | 26.901 | 34.815 | 22.612 | 0.158 |
| 40 | 26.798 | 34.812 | 22.642 | 0.210 |
| 50 | 26.710 | 34.811 | 22.670 | 0.262 |
| 60 | 26.534 | 34.870 | 22.770 | 0.314 |
| 70 | 26.441 | 34.915 | 22.833 | 0.365 |
| 80 | 26.406 | 34.920 | 22.847 | 0.415 |
| 90 | 26.310 | 34.907 | 22.869 | 0.465 |
| 100 | 26.278 | 34.903 | 22.875 | 0.516 |
| 110 | 26.113 | 34.881 | 22.910 | 0.566 |
| 120 | 25.900 | 34.877 | 22.974 | 0.615 |
| 130 | 25.529 | 34.882 | 23.092 | 0.664 |
| 140 | 22.317 | 34.820 | 23.993 | 0.708 |
| 150 | 19.472 | 34.784 | 24.736 | 0.744 |
| 160 | 16.930 | 34.697 | 25.299 | 0.775 |
| 170 | 14.063 | 34.633 | 25.891 | 0.799 |
| 180 | 13.007 | 34.630 | 26.105 | 0.820 |
| 190 | 11.883 | 34.582 | 26.287 | 0.838 |
| 200 | 11.736 | 34.582 | 26.315 | 0.856 |
| 250 | 10.489 | 34.661 | 26.603 | 0.935 |
| 300 | 10.139 | 34.655 | 26.659 | 1.008 |
| 350 | 9.631 | 34.671 | 26.758 | 1.078 |
| 400 | 9.084 | 34.640 | 26.823 | 1.144 |
| 450 | 8.593 | 34.622 | 26.886 | 1.208 |
| 500 | 8.067 | 34.607 | 26.955 | 1.268 |
| 550 | 7.590 | 34.591 | 27.013 | 1.327 |
| 600 | 6.925 | 34.566 | 27.087 | 1.382 |
| 650 | 6.335 | 34.548 | 27.153 | 1.433 |
| 700 | 6.042 | 34.542 | 27.186 | 1.482 |
| 750 | 5.823 | 34.540 | 27.212 | 1.530 |
| 800 | 5.471 | 34.540 | 27.255 | 1.577 |
| 900 | 4.913 | 34.544 | 27.324 | 1.665 |
| 991 | 4.596 | 34.548 | 27.363 | 1.741 |

CAST TG1-93-DI -006 DATE 01 MAR 93 TIME 1250 GMT

LAT 03 00.1N LONG 155 00.1W

CAST TG1-93-DI -006 DATE 01 MAR 93 TIME 1250 GMT
LAT 03 00.1N LONG 155 00.1W WEATHER 1 SEA STATE 3
BAROMETER 12 WIND DIR 100 T SPD 12 KT VISIBILITY 7
CLOUD 4 AMOUNT 4 DRY 26.5 WET 26.1 DEPTH 4736 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 48 | 26.564 | 34.764 | 22.680 | 0.000 |
| 49 | 26.563 | 34.764 | 22.680 | 0.005 |
| 50 | 26.561 | 34.766 | 22.683 | 0.010 |
| 51 | 26.559 | 34.769 | 22.686 | 0.016 |
| 52 | 26.557 | 34.771 | 22.688 | 0.021 |
| 53 | 26.556 | 34.775 | 22.691 | 0.026 |
| 60 | 26.553 | 34.788 | 22.702 | 0.062 |
| 70 | 26.557 | 34.800 | 22.709 | 0.114 |
| 80 | 26.566 | 34.807 | 22.713 | 0.165 |
| 90 | 26.569 | 34.827 | 22.726 | 0.217 |
| 100 | 26.335 | 34.865 | 22.828 | 0.268 |
| 110 | 25.752 | 34.868 | 23.012 | 0.318 |
| 120 | 25.278 | 34.859 | 23.152 | 0.367 |
| 130 | 22.897 | 34.881 | 23.875 | 0.412 |
| 140 | 19.020 | 34.767 | 24.839 | 0.448 |
| 150 | 16.642 | 34.712 | 25.379 | 0.477 |
| 160 | 14.067 | 34.718 | 25.956 | 0.500 |
| 170 | 12.899 | 34.712 | 26.191 | 0.520 |
| 180 | 12.198 | 34.779 | 26.380 | 0.538 |
| 190 | 12.160 | 34.783 | 26.391 | 0.554 |
| 200 | 12.043 | 34.802 | 26.428 | 0.571 |
| 250 | 11.527 | 34.797 | 26.521 | 0.651 |
| 300 | 10.985 | 34.753 | 26.586 | 0.728 |
| 350 | 10.169 | 34.704 | 26.692 | 0.801 |
| 400 | 9.444 | 34.668 | 26.786 | 0.870 |
| 450 | 8.723 | 34.633 | 26.875 | 0.935 |
| 500 | 7.870 | 34.597 | 26.977 | 0.995 |
| 550 | 6.980 | 34.567 | 27.080 | 1.051 |
| 600 | 6.420 | 34.549 | 27.142 | 1.102 |
| 650 | 6.147 | 34.542 | 27.172 | 1.152 |
| 700 | 5.774 | 34.537 | 27.216 | 1.200 |
| 750 | 5.537 | 34.534 | 27.243 | 1.246 |
| 800 | 5.331 | 34.535 | 27.268 | 1.291 |
| 900 | 4.820 | 34.538 | 27.330 | 1.378 |
| 995 | 4.508 | 34.545 | 27.370 | 1.457 |

CAST TG1-93-DI -007 DATE 02 MAR 93 TIME 0814 GMT

LAT 02 00.1N LONG 155 06.1W

CAST TG1-93-DI -007 DATE 02 MAR 93 TIME 0814 GMT
LAT 02 00.1N LONG 155 06.1W WEATHER 0 SEA STATE 1
BAROMETER 12 WIND DIR 110 T SPD 10 KT VISIBILITY 7
CLOUD 9 AMOUNT 5 DRY 27.0 WET 26.5 DEPTH 4663 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.912 | 34.767 | 22.573 | 0.000 |
| 10 | 26.647 | 34.772 | 22.660 | 0.052 |
| 20 | 26.461 | 34.776 | 22.722 | 0.104 |
| 30 | 26.282 | 34.806 | 22.800 | 0.155 |
| 40 | 26.203 | 34.872 | 22.876 | 0.205 |
| 50 | 26.228 | 34.891 | 22.882 | 0.255 |
| 60 | 26.251 | 34.906 | 22.886 | 0.305 |
| 70 | 26.286 | 34.937 | 22.899 | 0.355 |
| 80 | 26.045 | 34.931 | 22.969 | 0.404 |
| 90 | 26.052 | 34.946 | 22.978 | 0.453 |
| 100 | 25.788 | 34.914 | 23.036 | 0.502 |
| 110 | 24.606 | 34.799 | 23.310 | 0.550 |
| 120 | 24.038 | 34.797 | 23.478 | 0.595 |
| 130 | 20.757 | 34.962 | 24.532 | 0.635 |
| 140 | 16.881 | 34.741 | 25.345 | 0.665 |
| 150 | 16.259 | 34.749 | 25.496 | 0.691 |
| 160 | 14.286 | 34.731 | 25.919 | 0.715 |
| 170 | 12.612 | 34.752 | 26.278 | 0.734 |
| 180 | 12.300 | 34.784 | 26.364 | 0.751 |
| 190 | 12.161 | 34.806 | 26.408 | 0.768 |
| 200 | 12.092 | 34.817 | 26.430 | 0.785 |
| 250 | 11.485 | 34.799 | 26.531 | 0.864 |
| 300 | 10.978 | 34.765 | 26.597 | 0.941 |
| 350 | 10.485 | 34.732 | 26.659 | 1.016 |
| 400 | 9.329 | 34.667 | 26.805 | 1.085 |
| 450 | 8.396 | 34.625 | 26.919 | 1.149 |
| 500 | 7.476 | 34.587 | 27.026 | 1.207 |
| 550 | 7.116 | 34.577 | 27.070 | 1.262 |
| 600 | 6.696 | 34.565 | 27.118 | 1.314 |
| 650 | 6.491 | 34.560 | 27.141 | 1.365 |
| 700 | 6.184 | 34.555 | 27.177 | 1.415 |
| 750 | 5.980 | 34.550 | 27.200 | 1.464 |
| 800 | 5.841 | 34.547 | 27.215 | 1.512 |
| 900 | 5.167 | 34.542 | 27.293 | 1.604 |
| 994 | 4.527 | 34.551 | 27.373 | 1.683 |

CAST TG1-93-DI -008 DATE 02 MAR 93 TIME 1407 GMT

LAT 01 00.1N LONG 155 00.0W

CAST TG1-93-DI -008 DATE 02 MAR 93 TIME 1407 GMT
LAT 01 00.1N LONG 155 00.0W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 100 T SPD 15 KT VISIBILITY 7
CLOUD 3 AMOUNT 5 DRY 26.5 WET 25.5 DEPTH 4762 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.507 | 34.891 | 22.794 | 0.000 |
| 10 | 26.510 | 34.893 | 22.795 | 0.051 |
| 20 | 26.478 | 34.898 | 22.809 | 0.101 |
| 30 | 26.375 | 34.920 | 22.858 | 0.151 |
| 40 | 26.346 | 34.959 | 22.896 | 0.201 |
| 50 | 26.354 | 34.988 | 22.915 | 0.251 |
| 60 | 26.360 | 35.005 | 22.927 | 0.300 |
| 70 | 26.320 | 35.016 | 22.947 | 0.350 |
| 80 | 26.227 | 35.006 | 22.969 | 0.399 |
| 90 | 26.096 | 34.978 | 22.988 | 0.448 |
| 100 | 25.655 | 34.953 | 23.107 | 0.497 |
| 110 | 25.403 | 34.969 | 23.197 | 0.544 |
| 120 | 24.899 | 34.936 | 23.325 | 0.591 |
| 130 | 23.468 | 34.889 | 23.715 | 0.635 |
| 140 | 20.291 | 34.863 | 24.581 | 0.674 |
| 150 | 17.380 | 34.826 | 25.291 | 0.703 |
| 160 | 15.051 | 34.732 | 25.755 | 0.728 |
| 170 | 14.646 | 34.734 | 25.844 | 0.750 |
| 180 | 13.629 | 34.704 | 26.036 | 0.771 |
| 190 | 13.097 | 34.720 | 26.157 | 0.791 |
| 200 | 12.593 | 34.778 | 26.303 | 0.809 |
| 250 | 12.006 | 34.839 | 26.463 | 0.892 |
| 300 | 11.525 | 34.816 | 26.537 | 0.971 |
| 350 | 10.889 | 34.777 | 26.622 | 1.047 |
| 400 | 9.735 | 34.685 | 26.752 | 1.120 |
| 450 | 7.826 | 34.598 | 26.984 | 1.182 |
| 500 | 7.536 | 34.589 | 27.019 | 1.238 |
| 550 | 7.406 | 34.589 | 27.038 | 1.294 |
| 600 | 6.819 | 34.565 | 27.101 | 1.348 |
| 650 | 6.553 | 34.544 | 27.120 | 1.401 |
| 700 | 6.123 | 34.544 | 27.177 | 1.451 |
| 750 | 5.642 | 34.538 | 27.233 | 1.499 |
| 800 | 5.432 | 34.540 | 27.260 | 1.545 |
| 900 | 4.807 | 34.543 | 27.335 | 1.632 |
| 993 | 4.426 | 34.552 | 27.385 | 1.708 |

CAST TG1-93-DI -009 DATE 02 MAR 93 TIME 2108 GMT

LAT 00 01.0N LONG 155 01.0W

CAST TG1-93-DI -009 DATE 02 MAR 93 TIME 2108 GMT
LAT 00 01.0N LONG 155 01.0W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 100 T SPD 10 KT VISIBILITY 8
CLOUD 8 AMOUNT 4 DRY 28.0 WET 26.9 DEPTH 4681 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.531 | 35.091 | 22.937 | 0.000 |
| 10 | 26.482 | 35.090 | 22.952 | 0.049 |
| 20 | 26.456 | 35.092 | 22.962 | 0.098 |
| 30 | 26.426 | 35.094 | 22.972 | 0.147 |
| 40 | 26.395 | 35.093 | 22.982 | 0.196 |
| 50 | 26.280 | 35.088 | 23.014 | 0.245 |
| 60 | 26.188 | 35.078 | 23.036 | 0.293 |
| 70 | 26.092 | 35.061 | 23.053 | 0.342 |
| 80 | 25.707 | 34.992 | 23.120 | 0.390 |
| 90 | 25.542 | 34.984 | 23.165 | 0.437 |
| 100 | 25.264 | 34.955 | 23.228 | 0.485 |
| 110 | 24.545 | 34.918 | 23.418 | 0.531 |
| 120 | 22.104 | 35.208 | 24.348 | 0.573 |
| 130 | 19.497 | 34.952 | 24.858 | 0.606 |
| 140 | 17.827 | 35.003 | 25.318 | 0.635 |
| 150 | 17.359 | 35.088 | 25.497 | 0.662 |
| 160 | 16.728 | 35.107 | 25.662 | 0.686 |
| 170 | 16.231 | 34.991 | 25.689 | 0.709 |
| 180 | 15.174 | 34.892 | 25.851 | 0.732 |
| 190 | 14.242 | 34.922 | 26.077 | 0.753 |
| 200 | 13.732 | 34.900 | 26.166 | 0.772 |
| 250 | 12.462 | 34.879 | 26.406 | 0.860 |
| 300 | 11.417 | 34.808 | 26.550 | 0.941 |
| 350 | 10.605 | 34.768 | 26.666 | 1.017 |
| 400 | 9.166 | 34.673 | 26.835 | 1.083 |
| 450 | 8.218 | 34.617 | 26.941 | 1.146 |
| 500 | 7.868 | 34.600 | 26.980 | 1.204 |
| 550 | 7.457 | 34.589 | 27.031 | 1.261 |
| 600 | 6.989 | 34.573 | 27.084 | 1.316 |
| 650 | 6.519 | 34.560 | 27.138 | 1.368 |
| 700 | 6.045 | 34.550 | 27.192 | 1.418 |
| 750 | 5.609 | 34.543 | 27.241 | 1.465 |
| 800 | 5.475 | 34.542 | 27.256 | 1.511 |
| 900 | 5.019 | 34.543 | 27.311 | 1.599 |
| 993 | 4.497 | 34.551 | 27.376 | 1.677 |

CAST TG1-93-DI -010 DATE 03 MAR 93 TIME 0312 GMT

LAT 00 59.9S LONG 155 00.2W

CAST TG1-93-DI -010 DATE 03 MAR 93 TIME 0312 GMT
LAT 00 59.9S LONG 155 00.2W WEATHER 1 SEA STATE 3
BAROMETER 08 WIND DIR 075 T SPD 12 KT VISIBILITY 7
CLOUD 3 AMOUNT 2 DRY 27.3 WET 26.0 DEPTH 4746 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.022 | 35.095 | 22.784 | 0.000 |
| 10 | 26.729 | 35.095 | 22.878 | 0.050 |
| 20 | 26.702 | 35.102 | 22.891 | 0.100 |
| 30 | 26.683 | 35.116 | 22.908 | 0.149 |
| 40 | 26.653 | 35.143 | 22.938 | 0.199 |
| 50 | 26.524 | 35.161 | 22.993 | 0.248 |
| 60 | 26.467 | 35.170 | 23.017 | 0.297 |
| 70 | 26.476 | 35.196 | 23.034 | 0.345 |
| 80 | 26.470 | 35.216 | 23.051 | 0.394 |
| 90 | 26.320 | 35.343 | 23.194 | 0.442 |
| 100 | 26.014 | 35.427 | 23.353 | 0.488 |
| 110 | 25.275 | 35.542 | 23.668 | 0.533 |
| 120 | 24.094 | 35.515 | 24.005 | 0.574 |
| 130 | 23.087 | 35.517 | 24.302 | 0.612 |
| 140 | 21.707 | 35.448 | 24.641 | 0.648 |
| 150 | 19.649 | 35.489 | 25.228 | 0.679 |
| 160 | 17.757 | 35.309 | 25.570 | 0.705 |
| 170 | 15.862 | 35.146 | 25.892 | 0.728 |
| 180 | 14.763 | 35.077 | 26.084 | 0.749 |
| 190 | 14.224 | 35.062 | 26.188 | 0.768 |
| 200 | 13.850 | 35.034 | 26.246 | 0.787 |
| 250 | 12.000 | 34.850 | 26.473 | 0.871 |
| 300 | 11.485 | 34.825 | 26.551 | 0.950 |
| 350 | 10.855 | 34.790 | 26.638 | 1.025 |
| 400 | 9.433 | 34.706 | 26.818 | 1.095 |
| 450 | 7.936 | 34.614 | 26.980 | 1.156 |
| 500 | 7.163 | 34.576 | 27.062 | 1.211 |
| 550 | 7.090 | 34.574 | 27.071 | 1.265 |
| 600 | 6.756 | 34.568 | 27.112 | 1.318 |
| 650 | 6.403 | 34.559 | 27.152 | 1.368 |
| 700 | 6.161 | 34.552 | 27.178 | 1.418 |
| 750 | 5.788 | 34.544 | 27.219 | 1.466 |
| 800 | 5.486 | 34.541 | 27.254 | 1.512 |
| 900 | 4.625 | 34.548 | 27.360 | 1.600 |
| 994 | 4.429 | 34.554 | 27.386 | 1.675 |

CAST TG1-93-DI -011 DATE 03 MAR 93 TIME 0952 GMT

LAT 01 59.8S LONG 154 58.1W

CAST TG1-93-DI -011 DATE 03 MAR 93 TIME 0952 GMT
LAT 01 59.8S LONG 154 58.1W WEATHER 1 SEA STATE 2
BAROMETER 10 WIND DIR 055 T SPD 12 KT VISIBILITY 7
CLOUD 4 AMOUNT 3 DRY 27.0 WET 26.0 DEPTH 4973 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.969 | 35.104 | 22.808 | 0.000 |
| 10 | 26.959 | 35.105 | 22.812 | 0.050 |
| 20 | 26.937 | 35.106 | 22.820 | 0.101 |
| 30 | 26.858 | 35.110 | 22.848 | 0.151 |
| 40 | 26.814 | 35.116 | 22.866 | 0.201 |
| 50 | 26.751 | 35.111 | 22.883 | 0.251 |
| 60 | 26.622 | 35.083 | 22.903 | 0.301 |
| 70 | 26.625 | 35.097 | 22.912 | 0.351 |
| 80 | 26.568 | 35.082 | 22.919 | 0.400 |
| 90 | 26.513 | 35.066 | 22.924 | 0.450 |
| 100 | 26.357 | 35.075 | 22.980 | 0.500 |
| 110 | 26.231 | 35.220 | 23.129 | 0.548 |
| 120 | 26.065 | 35.370 | 23.294 | 0.595 |
| 130 | 24.503 | 35.632 | 23.971 | 0.639 |
| 140 | 21.622 | 35.635 | 24.808 | 0.674 |
| 150 | 20.300 | 35.572 | 25.120 | 0.705 |
| 160 | 17.923 | 35.432 | 25.623 | 0.731 |
| 170 | 15.371 | 35.198 | 26.044 | 0.753 |
| 180 | 14.532 | 35.121 | 26.168 | 0.772 |
| 190 | 13.402 | 35.019 | 26.327 | 0.790 |
| 200 | 12.710 | 34.950 | 26.413 | 0.807 |
| 250 | 11.881 | 34.876 | 26.516 | 0.888 |
| 300 | 11.371 | 34.831 | 26.577 | 0.965 |
| 350 | 10.842 | 34.793 | 26.643 | 1.041 |
| 400 | 9.973 | 34.736 | 26.751 | 1.113 |
| 450 | 8.343 | 34.645 | 26.943 | 1.176 |
| 500 | 7.100 | 34.573 | 27.069 | 1.233 |
| 550 | 6.798 | 34.568 | 27.106 | 1.285 |
| 600 | 6.556 | 34.562 | 27.134 | 1.336 |
| 650 | 6.319 | 34.555 | 27.160 | 1.387 |
| 700 | 6.100 | 34.546 | 27.181 | 1.436 |
| 750 | 5.887 | 34.543 | 27.206 | 1.485 |
| 800 | 5.299 | 34.541 | 27.277 | 1.531 |
| 900 | 4.573 | 34.543 | 27.361 | 1.615 |
| 992 | 4.276 | 34.549 | 27.398 | 1.688 |

CAST TG1-93-DI -012 DATE 03 MAR 93 TIME 1530 GMT

LAT 02 59.5S LONG 155 00.1W

CAST TG1-93-DI -012 DATE 03 MAR 93 TIME 1530 GMT
LAT 02 59.5S LONG 155 00.1W WEATHER 1 SEA STATE 4
BAROMETER 09 WIND DIR 025 T SPD 08 KT VISIBILITY 7
CLOUD 1 AMOUNT X DRY 26.9 WET 26.5 DEPTH 4974 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.094 | 35.058 | 22.733 | 0.000 |
| 10 | 27.092 | 35.056 | 22.733 | 0.051 |
| 20 | 27.073 | 35.054 | 22.737 | 0.102 |
| 30 | 27.022 | 35.051 | 22.751 | 0.153 |
| 40 | 26.957 | 35.048 | 22.770 | 0.204 |
| 50 | 26.920 | 35.047 | 22.781 | 0.255 |
| 60 | 26.964 | 35.072 | 22.785 | 0.306 |
| 70 | 27.029 | 35.152 | 22.825 | 0.357 |
| 80 | 27.375 | 35.349 | 22.862 | 0.407 |
| 90 | 27.450 | 35.384 | 22.864 | 0.458 |
| 100 | 27.398 | 35.369 | 22.870 | 0.508 |
| 110 | 27.176 | 35.341 | 22.920 | 0.558 |
| 120 | 26.917 | 35.385 | 23.037 | 0.607 |
| 130 | 25.450 | 35.584 | 23.647 | 0.654 |
| 140 | 23.757 | 35.834 | 24.347 | 0.694 |
| 150 | 20.672 | 35.734 | 25.143 | 0.726 |
| 160 | 18.400 | 35.511 | 25.565 | 0.752 |
| 170 | 17.528 | 35.412 | 25.705 | 0.776 |
| 180 | 15.893 | 35.240 | 25.958 | 0.798 |
| 190 | 13.673 | 35.003 | 26.259 | 0.818 |
| 200 | 12.849 | 34.922 | 26.364 | 0.835 |
| 250 | 11.958 | 34.853 | 26.484 | 0.918 |
| 300 | 11.298 | 34.818 | 26.580 | 0.996 |
| 350 | 10.900 | 34.798 | 26.636 | 1.071 |
| 400 | 10.242 | 34.756 | 26.720 | 1.143 |
| 450 | 9.061 | 34.687 | 26.864 | 1.211 |
| 500 | 8.141 | 34.636 | 26.967 | 1.271 |
| 550 | 7.476 | 34.603 | 27.039 | 1.329 |
| 600 | 6.834 | 34.576 | 27.108 | 1.382 |
| 650 | 6.259 | 34.558 | 27.170 | 1.433 |
| 700 | 5.818 | 34.548 | 27.219 | 1.481 |
| 750 | 5.527 | 34.545 | 27.252 | 1.527 |
| 800 | 5.222 | 34.543 | 27.287 | 1.571 |
| 900 | 4.630 | 34.545 | 27.357 | 1.656 |
| 997 | 4.264 | 34.552 | 27.402 | 1.733 |

CAST TG1-93-DI -013 DATE 03 MAR 93 TIME 2025 GMT

LAT 03 53.2S LONG 155 00.7W

CAST TG1-93-DI -013 DATE 03 MAR 93 TIME 2025 GMT
LAT 03 53.2S LONG 155 00.7W WEATHER 5 SEA STATE 3
BAROMETER 10 WIND DIR 005 T SPD 03 KT VISIBILITY 7
CLOUD 3 AMOUNT 6 DRY 27.4 WET 25.4 DEPTH 3791 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.849 | 35.403 | 22.749 | 0.000 |
| 10 | 27.822 | 35.405 | 22.760 | 0.051 |
| 20 | 27.819 | 35.405 | 22.760 | 0.102 |
| 30 | 27.816 | 35.406 | 22.763 | 0.153 |
| 40 | 27.810 | 35.407 | 22.765 | 0.204 |
| 50 | 27.767 | 35.403 | 22.776 | 0.255 |
| 60 | 27.750 | 35.402 | 22.781 | 0.306 |
| 70 | 27.733 | 35.404 | 22.787 | 0.357 |
| 80 | 27.734 | 35.405 | 22.788 | 0.407 |
| 90 | 27.698 | 35.406 | 22.801 | 0.458 |
| 100 | 27.317 | 35.386 | 22.908 | 0.509 |
| 110 | 27.162 | 35.368 | 22.945 | 0.559 |
| 120 | 27.093 | 35.357 | 22.959 | 0.608 |
| 130 | 27.062 | 35.352 | 22.965 | 0.658 |
| 140 | 26.198 | 35.468 | 23.326 | 0.706 |
| 150 | 23.741 | 35.809 | 24.333 | 0.748 |
| 160 | 21.897 | 35.794 | 24.852 | 0.781 |
| 170 | 19.950 | 35.657 | 25.278 | 0.811 |
| 180 | 16.744 | 35.358 | 25.851 | 0.836 |
| 190 | 15.703 | 35.239 | 26.000 | 0.857 |
| 200 | 13.443 | 35.021 | 26.320 | 0.877 |
| 250 | 11.819 | 34.865 | 26.519 | 0.959 |
| 300 | 11.147 | 34.810 | 26.601 | 1.035 |
| 350 | 10.772 | 34.787 | 26.651 | 1.110 |
| 400 | 9.977 | 34.740 | 26.753 | 1.180 |
| 450 | 9.039 | 34.683 | 26.864 | 1.246 |
| 500 | 7.809 | 34.618 | 27.002 | 1.307 |
| 550 | 7.422 | 34.599 | 27.043 | 1.363 |
| 600 | 6.867 | 34.577 | 27.104 | 1.416 |
| 650 | 6.545 | 34.565 | 27.138 | 1.468 |
| 700 | 6.180 | 34.555 | 27.178 | 1.518 |
| 750 | 5.805 | 34.548 | 27.220 | 1.566 |
| 800 | 5.486 | 34.540 | 27.253 | 1.613 |
| 900 | 4.690 | 34.534 | 27.341 | 1.700 |
| 992 | 4.240 | 34.544 | 27.398 | 1.773 |

CAST TG1-93-DI -014 DATE 04 MAR 93 TIME 0235 GMT

LAT 05 01.8S LONG 154 58.1W

CAST TG1-93-DI -014 DATE 04 MAR 93 TIME 0235 GMT
LAT 05 01.8S LONG 154 58.1W WEATHER 1 SEA STATE 2
BAROMETER 07 WIND DIR 018 T SPD 07 KT VISIBILITY 8
CLOUD 3 AMOUNT 2 DRY 29.5 WET 27.5 DEPTH 5056 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.522 | 35.463 | 22.573 | 0.000 |
| 10 | 28.490 | 35.489 | 22.603 | 0.052 |
| 20 | 28.496 | 35.501 | 22.610 | 0.105 |
| 30 | 28.468 | 35.504 | 22.622 | 0.157 |
| 40 | 28.399 | 35.500 | 22.642 | 0.209 |
| 50 | 28.168 | 35.498 | 22.717 | 0.261 |
| 60 | 28.046 | 35.491 | 22.751 | 0.313 |
| 70 | 27.756 | 35.423 | 22.795 | 0.364 |
| 80 | 27.603 | 35.404 | 22.830 | 0.414 |
| 90 | 27.622 | 35.432 | 22.845 | 0.465 |
| 100 | 27.458 | 35.516 | 22.961 | 0.515 |
| 110 | 26.035 | 35.793 | 23.623 | 0.561 |
| 120 | 25.105 | 35.932 | 24.016 | 0.602 |
| 130 | 24.652 | 35.949 | 24.166 | 0.641 |
| 140 | 24.157 | 36.132 | 24.453 | 0.678 |
| 150 | 22.911 | 35.992 | 24.713 | 0.712 |
| 160 | 21.749 | 35.919 | 24.989 | 0.744 |
| 170 | 20.479 | 35.825 | 25.265 | 0.773 |
| 180 | 19.611 | 35.701 | 25.400 | 0.800 |
| 190 | 17.789 | 35.456 | 25.675 | 0.825 |
| 200 | 16.217 | 35.284 | 25.917 | 0.847 |
| 250 | 12.663 | 34.951 | 26.422 | 0.938 |
| 300 | 10.820 | 34.797 | 26.651 | 1.014 |
| 350 | 10.003 | 34.741 | 26.750 | 1.085 |
| 400 | 9.481 | 34.710 | 26.813 | 1.152 |
| 450 | 8.862 | 34.671 | 26.883 | 1.216 |
| 500 | 8.315 | 34.644 | 26.947 | 1.277 |
| 550 | 7.721 | 34.609 | 27.009 | 1.336 |
| 600 | 7.015 | 34.574 | 27.082 | 1.391 |
| 650 | 6.551 | 34.559 | 27.132 | 1.443 |
| 700 | 6.082 | 34.544 | 27.182 | 1.493 |
| 750 | 5.686 | 34.537 | 27.226 | 1.541 |
| 800 | 5.259 | 34.533 | 27.275 | 1.587 |
| 900 | 4.777 | 34.536 | 27.333 | 1.673 |
| 992 | 4.316 | 34.544 | 27.390 | 1.747 |

CAST TG1-93-DI -015 DATE 04 MAR 93 TIME 0732 GMT

LAT 06 00.0S LONG 154 59.9W

CAST TG1-93-DI -015 DATE 04 MAR 93 TIME 0732 GMT
LAT 06 00.0S LONG 154 59.9W WEATHER 1 SEA STATE 3
BAROMETER 10 WIND DIR 040 T SPD 04 KT VISIBILITY 7
CLOUD 8 AMOUNT 5 DRY 28.0 WET 26.7 DEPTH 5214 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.893 | 35.288 | 22.318 | 0.000 |
| 10 | 28.993 | 35.435 | 22.395 | 0.055 |
| 20 | 28.907 | 35.429 | 22.420 | 0.109 |
| 30 | 28.723 | 35.445 | 22.493 | 0.163 |
| 40 | 28.582 | 35.454 | 22.547 | 0.216 |
| 50 | 28.317 | 35.482 | 22.655 | 0.269 |
| 60 | 28.269 | 35.487 | 22.674 | 0.321 |
| 70 | 28.192 | 35.489 | 22.701 | 0.372 |
| 80 | 28.059 | 35.478 | 22.737 | 0.424 |
| 90 | 27.847 | 35.469 | 22.800 | 0.475 |
| 100 | 27.356 | 35.500 | 22.982 | 0.526 |
| 110 | 26.884 | 35.685 | 23.273 | 0.573 |
| 120 | 26.609 | 35.988 | 23.589 | 0.618 |
| 130 | 26.144 | 36.169 | 23.872 | 0.661 |
| 140 | 25.225 | 36.147 | 24.142 | 0.700 |
| 150 | 24.140 | 36.189 | 24.502 | 0.736 |
| 160 | 22.228 | 36.013 | 24.925 | 0.769 |
| 170 | 20.359 | 35.816 | 25.290 | 0.798 |
| 180 | 18.733 | 35.604 | 25.552 | 0.824 |
| 190 | 16.530 | 35.329 | 25.879 | 0.847 |
| 200 | 15.455 | 35.212 | 26.035 | 0.868 |
| 250 | 12.479 | 34.930 | 26.443 | 0.959 |
| 300 | 11.181 | 34.825 | 26.607 | 1.036 |
| 350 | 10.327 | 34.762 | 26.710 | 1.109 |
| 400 | 9.629 | 34.719 | 26.795 | 1.177 |
| 450 | 8.789 | 34.669 | 26.893 | 1.241 |
| 500 | 8.203 | 34.633 | 26.956 | 1.302 |
| 550 | 7.783 | 34.611 | 27.001 | 1.361 |
| 600 | 7.305 | 34.585 | 27.050 | 1.417 |
| 650 | 6.885 | 34.566 | 27.093 | 1.471 |
| 700 | 6.552 | 34.556 | 27.130 | 1.523 |
| 750 | 5.973 | 34.539 | 27.192 | 1.574 |
| 800 | 5.462 | 34.531 | 27.249 | 1.621 |
| 900 | 4.778 | 34.531 | 27.329 | 1.710 |
| 994 | 4.272 | 34.542 | 27.393 | 1.786 |

CAST TG1-93-DI -016 DATE 04 MAR 93 TIME 1238 GMT

LAT 06 59.5S LONG 154 59.6W

CAST TG1-93-DI -016 DATE 04 MAR 93 TIME 1238 GMT
LAT 06 59.5S LONG 154 59.6W WEATHER 5 SEA STATE 2
BAROMETER 09 WIND DIR 075 T SPD 04 KT VISIBILITY 6
CLOUD 5 AMOUNT 6 DRY 26.5 WET 25.5 DEPTH 5102 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.856 | 35.414 | 22.426 | 0.000 |
| 10 | 28.881 | 35.457 | 22.449 | 0.054 |
| 20 | 28.836 | 35.462 | 22.468 | 0.108 |
| 30 | 28.703 | 35.475 | 22.522 | 0.161 |
| 40 | 28.497 | 35.484 | 22.597 | 0.214 |
| 50 | 28.431 | 35.497 | 22.629 | 0.267 |
| 60 | 28.391 | 35.509 | 22.651 | 0.319 |
| 70 | 28.252 | 35.518 | 22.704 | 0.371 |
| 80 | 28.116 | 35.516 | 22.747 | 0.423 |
| 90 | 28.050 | 35.513 | 22.766 | 0.474 |
| 100 | 27.831 | 35.499 | 22.827 | 0.525 |
| 110 | 27.517 | 35.485 | 22.919 | 0.575 |
| 120 | 27.160 | 35.545 | 23.079 | 0.624 |
| 130 | 26.968 | 35.841 | 23.364 | 0.671 |
| 140 | 27.050 | 36.012 | 23.466 | 0.716 |
| 150 | 25.114 | 36.083 | 24.127 | 0.758 |
| 160 | 24.483 | 36.293 | 24.478 | 0.793 |
| 170 | 23.392 | 36.262 | 24.779 | 0.828 |
| 180 | 21.319 | 35.987 | 25.159 | 0.858 |
| 190 | 20.314 | 35.825 | 25.309 | 0.886 |
| 200 | 18.662 | 35.589 | 25.559 | 0.912 |
| 250 | 13.818 | 35.054 | 26.267 | 1.018 |
| 300 | 11.174 | 34.833 | 26.615 | 1.101 |
| 350 | 9.802 | 34.724 | 26.771 | 1.172 |
| 400 | 8.735 | 34.648 | 26.885 | 1.236 |
| 450 | 8.098 | 34.611 | 26.954 | 1.296 |
| 500 | 7.653 | 34.587 | 27.001 | 1.354 |
| 550 | 7.128 | 34.562 | 27.056 | 1.410 |
| 600 | 6.755 | 34.562 | 27.107 | 1.463 |
| 650 | 6.370 | 34.551 | 27.150 | 1.514 |
| 700 | 6.145 | 34.545 | 27.174 | 1.564 |
| 750 | 5.773 | 34.536 | 27.214 | 1.612 |
| 800 | 5.439 | 34.532 | 27.252 | 1.659 |
| 900 | 4.910 | 34.531 | 27.314 | 1.748 |
| 992 | 4.530 | 34.532 | 27.357 | 1.825 |

CAST TG1-93-DI -017 DATE 05 MAR 93 TIME 0711 GMT

LAT 08 18.2S LONG 154 58.7W

CAST TG1-93-DI -017 DATE 05 MAR 93 TIME 0711 GMT
LAT 08 18.2S LONG 154 58.7W WEATHER 0 SEA STATE 1
BAROMETER 11 WIND DIR 350 T SPD 07 KT VISIBILITY 7
CLOUD 9 AMOUNT 6 DRY 27.0 WET 26.0 DEPTH 5261 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.044 | 35.222 | 22.218 | 0.000 |
| 10 | 29.033 | 35.255 | 22.247 | 0.056 |
| 20 | 29.022 | 35.254 | 22.250 | 0.112 |
| 30 | 28.978 | 35.248 | 22.260 | 0.168 |
| 40 | 28.836 | 35.257 | 22.314 | 0.223 |
| 50 | 28.737 | 35.270 | 22.357 | 0.278 |
| 60 | 28.679 | 35.264 | 22.371 | 0.333 |
| 70 | 28.637 | 35.270 | 22.390 | 0.388 |
| 80 | 28.629 | 35.329 | 22.437 | 0.442 |
| 90 | 28.641 | 35.491 | 22.555 | 0.496 |
| 100 | 28.109 | 35.757 | 22.931 | 0.547 |
| 110 | 27.983 | 35.877 | 23.062 | 0.597 |
| 120 | 27.596 | 36.097 | 23.354 | 0.644 |
| 130 | 26.237 | 36.027 | 23.736 | 0.687 |
| 140 | 24.804 | 36.111 | 24.243 | 0.727 |
| 150 | 24.130 | 36.228 | 24.534 | 0.763 |
| 160 | 23.048 | 36.206 | 24.836 | 0.796 |
| 170 | 22.461 | 36.132 | 24.949 | 0.827 |
| 180 | 21.721 | 36.017 | 25.071 | 0.857 |
| 190 | 21.063 | 35.951 | 25.202 | 0.886 |
| 200 | 20.569 | 35.888 | 25.288 | 0.914 |
| 250 | 15.840 | 35.232 | 25.963 | 1.037 |
| 300 | 12.076 | 34.869 | 26.473 | 1.130 |
| 350 | 10.133 | 34.745 | 26.730 | 1.204 |
| 400 | 9.173 | 34.685 | 26.844 | 1.270 |
| 450 | 8.631 | 34.653 | 26.905 | 1.333 |
| 500 | 7.920 | 34.612 | 26.981 | 1.393 |
| 550 | 7.524 | 34.594 | 27.025 | 1.450 |
| 600 | 7.087 | 34.575 | 27.072 | 1.505 |
| 650 | 6.519 | 34.554 | 27.133 | 1.558 |
| 700 | 5.992 | 34.540 | 27.190 | 1.607 |
| 750 | 5.692 | 34.534 | 27.223 | 1.655 |
| 800 | 5.373 | 34.531 | 27.260 | 1.701 |
| 900 | 4.845 | 34.531 | 27.321 | 1.788 |
| 991 | 4.446 | 34.536 | 27.370 | 1.863 |

CAST TG1-93-DI -018 DATE 09 MAR 93 TIME 0849 GMT

LAT 01 57.8N LONG 170 02.9W

CAST TG1-93-DI -018 DATE 09 MAR 93 TIME 0849 GMT
LAT 01 57.8N LONG 170 02.9W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 080 T SPD 10 KT VISIBILITY 7
CLOUD 8 AMOUNT 3 DRY 27.9 WET 25.5 DEPTH 5414 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.757 | 34.989 | 22.468 | 0.000 |
| 10 | 27.731 | 34.990 | 22.477 | 0.054 |
| 20 | 27.656 | 34.997 | 22.506 | 0.107 |
| 30 | 27.503 | 35.033 | 22.584 | 0.160 |
| 40 | 27.365 | 35.065 | 22.652 | 0.212 |
| 50 | 27.326 | 35.080 | 22.676 | 0.264 |
| 60 | 27.303 | 35.080 | 22.683 | 0.316 |
| 70 | 27.246 | 35.090 | 22.708 | 0.368 |
| 80 | 27.161 | 35.081 | 22.729 | 0.420 |
| 90 | 26.852 | 35.044 | 22.800 | 0.471 |
| 100 | 26.606 | 35.036 | 22.872 | 0.521 |
| 110 | 26.400 | 35.027 | 22.930 | 0.571 |
| 120 | 23.803 | 34.955 | 23.667 | 0.619 |
| 130 | 23.094 | 34.938 | 23.861 | 0.660 |
| 140 | 20.430 | 34.860 | 24.542 | 0.698 |
| 150 | 19.267 | 34.840 | 24.831 | 0.730 |
| 160 | 18.782 | 34.818 | 24.939 | 0.761 |
| 170 | 18.440 | 34.802 | 25.012 | 0.791 |
| 180 | 17.625 | 34.766 | 25.185 | 0.821 |
| 190 | 16.372 | 34.710 | 25.440 | 0.848 |
| 200 | 15.478 | 34.678 | 25.618 | 0.873 |
| 250 | 11.544 | 34.659 | 26.411 | 0.976 |
| 300 | 11.032 | 34.739 | 26.567 | 1.055 |
| 350 | 10.525 | 34.725 | 26.646 | 1.130 |
| 400 | 9.758 | 34.683 | 26.746 | 1.201 |
| 450 | 9.211 | 34.659 | 26.817 | 1.268 |
| 500 | 8.585 | 34.622 | 26.888 | 1.333 |
| 550 | 8.032 | 34.601 | 26.956 | 1.394 |
| 600 | 6.936 | 34.566 | 27.086 | 1.450 |
| 650 | 6.448 | 34.551 | 27.140 | 1.502 |
| 700 | 6.036 | 34.543 | 27.187 | 1.552 |
| 750 | 5.648 | 34.539 | 27.233 | 1.599 |
| 800 | 5.328 | 34.538 | 27.270 | 1.645 |
| 900 | 4.771 | 34.543 | 27.339 | 1.731 |
| 1000 | 4.318 | 34.551 | 27.396 | 1.811 |
| 1500 | 2.822 | 34.602 | 27.584 | 2.153 |
| 2000 | 2.116 | 34.633 | 27.669 | 2.434 |
| 2500 | 1.713 | 34.657 | 27.719 | 2.682 |
| 2991 | 1.459 | 34.669 | 27.748 | 2.913 |

CAST TG1-93-DI -019 DATE 09 MAR 93 TIME 1320 GMT

LAT 01 30.0N LONG 170 00.0W

CAST TG1-93-DI -019 DATE 09 MAR 93 TIME 1320 GMT
LAT 01 30.0N LONG 170 00.0W WEATHER 1 SEA STATE 3
BAROMETER 07 WIND DIR 070 T SPD 06 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 27.0 WET 25.5 DEPTH 5489 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.450 | 35.014 | 22.586 | 0.000 |
| 10 | 27.452 | 35.015 | 22.586 | 0.053 |
| 20 | 27.407 | 35.012 | 22.598 | 0.105 |
| 30 | 27.352 | 35.010 | 22.615 | 0.157 |
| 40 | 27.225 | 35.006 | 22.653 | 0.210 |
| 50 | 27.112 | 35.003 | 22.686 | 0.262 |
| 60 | 27.014 | 35.005 | 22.719 | 0.313 |
| 70 | 27.022 | 35.035 | 22.739 | 0.365 |
| 80 | 26.904 | 35.018 | 22.764 | 0.416 |
| 90 | 26.783 | 34.997 | 22.787 | 0.467 |
| 100 | 26.758 | 34.991 | 22.790 | 0.518 |
| 110 | 26.542 | 34.992 | 22.859 | 0.569 |
| 120 | 26.279 | 34.997 | 22.946 | 0.619 |
| 130 | 23.321 | 34.987 | 23.833 | 0.665 |
| 140 | 21.047 | 34.920 | 24.422 | 0.702 |
| 150 | 19.703 | 34.893 | 24.759 | 0.737 |
| 160 | 17.570 | 34.873 | 25.281 | 0.766 |
| 170 | 15.836 | 34.778 | 25.615 | 0.792 |
| 180 | 14.234 | 34.669 | 25.882 | 0.815 |
| 190 | 13.365 | 34.655 | 26.053 | 0.835 |
| 200 | 13.036 | 34.654 | 26.118 | 0.855 |
| 250 | 11.536 | 34.714 | 26.455 | 0.945 |
| 300 | 11.115 | 34.785 | 26.587 | 1.023 |
| 350 | 10.768 | 34.762 | 26.633 | 1.098 |
| 400 | 10.197 | 34.719 | 26.699 | 1.170 |
| 450 | 9.527 | 34.677 | 26.780 | 1.240 |
| 500 | 8.719 | 34.633 | 26.876 | 1.306 |
| 550 | 7.251 | 34.573 | 27.048 | 1.365 |
| 600 | 6.720 | 34.562 | 27.112 | 1.418 |
| 650 | 6.415 | 34.555 | 27.147 | 1.469 |
| 700 | 6.109 | 34.550 | 27.183 | 1.518 |
| 750 | 5.873 | 34.545 | 27.209 | 1.567 |
| 800 | 5.601 | 34.540 | 27.239 | 1.614 |
| 900 | 4.864 | 34.543 | 27.329 | 1.702 |
| 1000 | 4.462 | 34.551 | 27.379 | 1.783 |
| 1500 | 2.999 | 34.596 | 27.563 | 2.133 |
| 2000 | 2.127 | 34.636 | 27.670 | 2.416 |
| 2500 | 1.709 | 34.659 | 27.721 | 2.665 |
| 2991 | 1.497 | 34.671 | 27.747 | 2.897 |

CAST TG1-93-DI -020 DATE 09 MAR 93 TIME 1829 GMT

LAT 00 59.5N LONG 170 00.1W

CAST TG1-93-DI -020 DATE 09 MAR 93 TIME 1829 GMT
LAT 00 59.5N LONG 170 00.1W WEATHER 1 SEA STATE 3
BAROMETER 07 WIND DIR 093 T SPD 10 KT VISIBILITY 7
CLOUD 8 AMOUNT 3 DRY 27.5 WET 25.3 DEPTH 5453 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.268 | 35.055 | 22.675 | 0.000 |
| 10 | 27.275 | 35.056 | 22.674 | 0.052 |
| 20 | 27.279 | 35.060 | 22.676 | 0.103 |
| 30 | 27.287 | 35.068 | 22.679 | 0.155 |
| 40 | 27.346 | 35.162 | 22.730 | 0.207 |
| 50 | 27.350 | 35.264 | 22.806 | 0.258 |
| 60 | 27.275 | 35.239 | 22.812 | 0.308 |
| 70 | 27.127 | 35.185 | 22.819 | 0.359 |
| 80 | 27.004 | 35.148 | 22.830 | 0.410 |
| 90 | 26.991 | 35.170 | 22.851 | 0.460 |
| 100 | 26.746 | 35.096 | 22.873 | 0.510 |
| 110 | 26.598 | 35.053 | 22.888 | 0.561 |
| 120 | 25.273 | 35.011 | 23.268 | 0.609 |
| 130 | 24.927 | 35.231 | 23.540 | 0.654 |
| 140 | 20.417 | 34.988 | 24.643 | 0.693 |
| 150 | 19.861 | 35.087 | 24.866 | 0.725 |
| 160 | 18.679 | 34.990 | 25.096 | 0.755 |
| 170 | 17.927 | 34.917 | 25.227 | 0.783 |
| 180 | 16.064 | 34.888 | 25.648 | 0.809 |
| 190 | 15.489 | 35.019 | 25.879 | 0.831 |
| 200 | 14.747 | 34.896 | 25.947 | 0.853 |
| 250 | 12.458 | 34.778 | 26.329 | 0.949 |
| 300 | 11.303 | 34.802 | 26.567 | 1.029 |
| 350 | 10.694 | 34.765 | 26.648 | 1.104 |
| 400 | 10.262 | 34.737 | 26.702 | 1.177 |
| 450 | 9.349 | 34.671 | 26.805 | 1.246 |
| 500 | 8.661 | 34.639 | 26.890 | 1.311 |
| 550 | 7.544 | 34.588 | 27.017 | 1.369 |
| 600 | 6.945 | 34.569 | 27.087 | 1.424 |
| 650 | 6.550 | 34.564 | 27.137 | 1.476 |
| 700 | 6.052 | 34.554 | 27.194 | 1.526 |
| 750 | 5.755 | 34.548 | 27.226 | 1.574 |
| 800 | 5.401 | 34.546 | 27.268 | 1.620 |
| 900 | 4.772 | 34.550 | 27.344 | 1.705 |
| 1000 | 4.395 | 34.557 | 27.392 | 1.786 |
| 1500 | 2.982 | 34.602 | 27.569 | 2.136 |
| 2000 | 2.131 | 34.642 | 27.674 | 2.414 |
| 2117 | 2.015 | 34.646 | 27.687 | 2.474 |

CAST TG1-93-DI -021 DATE 09 MAR 93 TIME 2220 GMT

LAT 00 30.0N LONG 170 00.0W

CAST TG1-93-DI -021 DATE 09 MAR 93 TIME 2220 GMT
LAT 00 30.0N LONG 170 00.0W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 070 T SPD 10 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 28.8 WET 25.9 DEPTH 5452 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.521 | 35.147 | 22.663 | 0.000 |
| 10 | 27.432 | 35.145 | 22.691 | 0.052 |
| 20 | 27.428 | 35.152 | 22.697 | 0.103 |
| 30 | 27.428 | 35.174 | 22.714 | 0.155 |
| 40 | 27.415 | 35.208 | 22.743 | 0.206 |
| 50 | 27.327 | 35.236 | 22.793 | 0.257 |
| 60 | 27.192 | 35.227 | 22.830 | 0.308 |
| 70 | 27.093 | 35.230 | 22.863 | 0.358 |
| 80 | 26.987 | 35.265 | 22.923 | 0.408 |
| 90 | 26.274 | 35.324 | 23.194 | 0.457 |
| 100 | 26.068 | 35.284 | 23.228 | 0.504 |
| 110 | 25.748 | 35.181 | 23.250 | 0.550 |
| 120 | 23.754 | 35.288 | 23.934 | 0.594 |
| 130 | 20.438 | 35.131 | 24.746 | 0.630 |
| 140 | 19.129 | 35.062 | 25.037 | 0.661 |
| 150 | 18.926 | 35.038 | 25.071 | 0.690 |
| 160 | 17.407 | 34.945 | 25.376 | 0.718 |
| 170 | 16.301 | 35.061 | 25.726 | 0.743 |
| 180 | 16.276 | 35.071 | 25.739 | 0.766 |
| 190 | 15.630 | 35.124 | 25.928 | 0.788 |
| 200 | 15.123 | 35.037 | 25.974 | 0.809 |
| 250 | 12.348 | 34.846 | 26.403 | 0.903 |
| 300 | 11.636 | 34.819 | 26.518 | 0.984 |
| 350 | 10.977 | 34.783 | 26.611 | 1.060 |
| 400 | 10.089 | 34.722 | 26.720 | 1.133 |
| 450 | 9.064 | 34.665 | 26.846 | 1.201 |
| 500 | 8.522 | 34.632 | 26.906 | 1.265 |
| 550 | 7.793 | 34.593 | 26.986 | 1.325 |
| 600 | 7.062 | 34.567 | 27.069 | 1.381 |
| 650 | 6.759 | 34.563 | 27.108 | 1.435 |
| 700 | 5.962 | 34.549 | 27.201 | 1.485 |
| 750 | 5.524 | 34.541 | 27.249 | 1.532 |
| 800 | 5.257 | 34.540 | 27.281 | 1.576 |
| 900 | 4.779 | 34.546 | 27.340 | 1.662 |
| 994 | 4.363 | 34.553 | 27.392 | 1.738 |

CAST TG1-93-DI -022 DATE 10 MAR 93 TIME 0952 GMT

LAT 00 03.1S LONG 170 05.3W

CAST TG1-93-DI -022 DATE 10 MAR 93 TIME 0952 GMT
LAT 00 03.1S LONG 170 05.3W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 080 T SPD 09 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 27.4 WET 25.5 DEPTH 5576 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.623 | 35.167 | 22.645 | 0.000 |
| 10 | 27.550 | 35.167 | 22.669 | 0.052 |
| 20 | 27.462 | 35.184 | 22.710 | 0.103 |
| 30 | 27.441 | 35.198 | 22.727 | 0.155 |
| 40 | 27.420 | 35.206 | 22.740 | 0.206 |
| 50 | 27.397 | 35.219 | 22.757 | 0.257 |
| 60 | 27.378 | 35.228 | 22.770 | 0.308 |
| 70 | 27.342 | 35.236 | 22.788 | 0.359 |
| 80 | 27.276 | 35.234 | 22.808 | 0.410 |
| 90 | 27.161 | 35.285 | 22.883 | 0.461 |
| 100 | 26.983 | 35.326 | 22.971 | 0.510 |
| 110 | 25.806 | 35.455 | 23.439 | 0.558 |
| 120 | 22.743 | 35.262 | 24.208 | 0.600 |
| 130 | 21.039 | 35.206 | 24.641 | 0.635 |
| 140 | 19.424 | 35.181 | 25.052 | 0.667 |
| 150 | 18.042 | 35.016 | 25.275 | 0.695 |
| 160 | 17.030 | 34.999 | 25.507 | 0.721 |
| 170 | 16.558 | 34.947 | 25.579 | 0.746 |
| 180 | 16.371 | 35.066 | 25.714 | 0.769 |
| 190 | 16.411 | 35.189 | 25.799 | 0.792 |
| 200 | 15.565 | 35.135 | 25.951 | 0.815 |
| 250 | 12.779 | 34.882 | 26.347 | 0.909 |
| 300 | 11.670 | 34.818 | 26.511 | 0.991 |
| 350 | 10.895 | 34.771 | 26.617 | 1.069 |
| 400 | 9.860 | 34.707 | 26.747 | 1.139 |
| 450 | 9.249 | 34.676 | 26.825 | 1.206 |
| 500 | 8.326 | 34.616 | 26.923 | 1.269 |
| 550 | 7.451 | 34.576 | 27.021 | 1.327 |
| 600 | 6.954 | 34.560 | 27.079 | 1.382 |
| 650 | 6.569 | 34.558 | 27.129 | 1.435 |
| 700 | 5.696 | 34.540 | 27.227 | 1.484 |
| 750 | 5.490 | 34.537 | 27.250 | 1.530 |
| 800 | 5.207 | 34.537 | 27.284 | 1.575 |
| 900 | 4.684 | 34.544 | 27.350 | 1.660 |
| 1000 | 4.281 | 34.552 | 27.400 | 1.740 |
| 1500 | 2.994 | 34.593 | 27.561 | 2.085 |
| 2000 | 2.132 | 34.635 | 27.669 | 2.373 |
| 2500 | 1.701 | 34.657 | 27.720 | 2.621 |
| 3000 | 1.444 | 34.672 | 27.751 | 2.855 |
| 3500 | 1.280 | 34.681 | 27.770 | 3.081 |
| 4000 | 1.104 | 34.694 | 27.792 | 3.301 |
| 4500 | 0.889 | 34.707 | 27.817 | 3.511 |
| 4989 | 0.827 | 34.711 | 27.824 | 3.711 |

CAST TG1-93-DI -023 DATE 10 MAR 93 TIME 1503 GMT

LAT 00 30.4S LONG 170 00.0W

CAST TG1-93-DI -023 DATE 10 MAR 93 TIME 1503 GMT
LAT 00 30.4S LONG 170 00.0W WEATHER 1 SEA STATE 3
BAROMETER 07 WIND DIR 090 T SPD 07 KT VISIBILITY 7
CLOUD X AMOUNT 9 DRY 27.0 WET 25.5 DEPTH 5671 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.310 | 35.201 | 22.772 | 0.000 |
| 10 | 27.296 | 35.200 | 22.776 | 0.051 |
| 20 | 27.289 | 35.200 | 22.778 | 0.102 |
| 30 | 27.277 | 35.199 | 22.781 | 0.152 |
| 40 | 27.231 | 35.197 | 22.794 | 0.203 |
| 50 | 27.226 | 35.200 | 22.798 | 0.254 |
| 60 | 27.224 | 35.201 | 22.799 | 0.304 |
| 70 | 27.221 | 35.206 | 22.805 | 0.355 |
| 80 | 27.201 | 35.224 | 22.824 | 0.406 |
| 90 | 27.007 | 35.333 | 22.968 | 0.456 |
| 100 | 25.897 | 35.435 | 23.396 | 0.504 |
| 110 | 23.449 | 35.360 | 24.078 | 0.546 |
| 120 | 21.404 | 35.303 | 24.615 | 0.582 |
| 130 | 19.279 | 35.245 | 25.138 | 0.613 |
| 140 | 18.640 | 35.203 | 25.269 | 0.641 |
| 150 | 18.258 | 35.267 | 25.414 | 0.668 |
| 160 | 17.731 | 35.198 | 25.491 | 0.693 |
| 170 | 16.806 | 35.077 | 25.621 | 0.718 |
| 180 | 16.838 | 35.138 | 25.660 | 0.742 |
| 190 | 16.680 | 35.188 | 25.735 | 0.765 |
| 200 | 15.783 | 35.165 | 25.925 | 0.788 |
| 250 | 13.185 | 34.939 | 26.308 | 0.884 |
| 300 | 11.669 | 34.827 | 26.518 | 0.966 |
| 350 | 10.608 | 34.763 | 26.661 | 1.042 |
| 400 | 9.742 | 34.707 | 26.767 | 1.112 |
| 450 | 9.427 | 34.689 | 26.806 | 1.179 |
| 500 | 8.707 | 34.653 | 26.893 | 1.243 |
| 550 | 7.766 | 34.596 | 26.992 | 1.303 |
| 600 | 6.936 | 34.564 | 27.084 | 1.358 |
| 650 | 6.490 | 34.557 | 27.139 | 1.411 |
| 700 | 5.739 | 34.545 | 27.226 | 1.459 |
| 750 | 5.436 | 34.541 | 27.260 | 1.505 |
| 800 | 5.160 | 34.539 | 27.291 | 1.549 |
| 900 | 4.670 | 34.547 | 27.354 | 1.633 |
| 1000 | 4.255 | 34.557 | 27.407 | 1.712 |
| 1500 | 2.909 | 34.599 | 27.573 | 2.056 |
| 2000 | 2.043 | 34.644 | 27.683 | 2.334 |
| 2500 | 1.668 | 34.664 | 27.728 | 2.577 |
| 2990 | 1.449 | 34.675 | 27.753 | 2.804 |

CAST TG1-93-DI -024 DATE 10 MAR 93 TIME 2005 GMT

LAT 00 59.8S LONG 170 00.3W

CAST TG1-93-DI -024 DATE 10 MAR 93 TIME 2005 GMT
LAT 00 59.8S LONG 170 00.3W WEATHER 1 SEA STATE 3
BAROMETER 10 WIND DIR 080 T SPD 06 KT VISIBILITY 8
CLOUD 8 AMOUNT 2 DRY 28.0 WET 26.0 DEPTH 5340 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.312 | 35.199 | 22.770 | 0.000 |
| 10 | 27.311 | 35.200 | 22.770 | 0.051 |
| 20 | 27.310 | 35.199 | 22.770 | 0.102 |
| 30 | 27.304 | 35.200 | 22.773 | 0.152 |
| 40 | 27.273 | 35.203 | 22.785 | 0.203 |
| 50 | 27.269 | 35.205 | 22.788 | 0.254 |
| 60 | 27.271 | 35.210 | 22.791 | 0.305 |
| 70 | 27.281 | 35.214 | 22.791 | 0.356 |
| 80 | 27.294 | 35.222 | 22.793 | 0.407 |
| 90 | 27.294 | 35.229 | 22.798 | 0.458 |
| 100 | 27.237 | 35.254 | 22.835 | 0.508 |
| 110 | 26.733 | 35.365 | 23.080 | 0.558 |
| 120 | 26.089 | 35.466 | 23.359 | 0.605 |
| 130 | 23.715 | 35.480 | 24.091 | 0.646 |
| 140 | 21.689 | 35.586 | 24.752 | 0.683 |
| 150 | 19.080 | 35.393 | 25.302 | 0.712 |
| 160 | 18.171 | 35.278 | 25.443 | 0.739 |
| 170 | 17.734 | 35.257 | 25.535 | 0.764 |
| 180 | 16.328 | 35.195 | 25.823 | 0.788 |
| 190 | 16.076 | 35.175 | 25.865 | 0.810 |
| 200 | 15.937 | 35.174 | 25.897 | 0.832 |
| 250 | 12.767 | 34.929 | 26.385 | 0.926 |
| 300 | 11.450 | 34.814 | 26.548 | 1.005 |
| 350 | 10.925 | 34.779 | 26.617 | 1.082 |
| 400 | 10.075 | 34.732 | 26.730 | 1.154 |
| 450 | 9.331 | 34.685 | 26.819 | 1.222 |
| 500 | 8.346 | 34.637 | 26.937 | 1.285 |
| 550 | 6.859 | 34.562 | 27.094 | 1.341 |
| 600 | 6.713 | 34.562 | 27.114 | 1.393 |
| 650 | 6.226 | 34.554 | 27.171 | 1.444 |
| 700 | 5.868 | 34.547 | 27.212 | 1.492 |
| 750 | 5.651 | 34.543 | 27.235 | 1.539 |
| 800 | 5.301 | 34.537 | 27.273 | 1.585 |
| 900 | 4.671 | 34.544 | 27.351 | 1.670 |
| 1000 | 4.245 | 34.556 | 27.407 | 1.749 |
| 1500 | 2.941 | 34.598 | 27.570 | 2.090 |
| 2000 | 2.087 | 34.643 | 27.679 | 2.370 |
| 2151 | 1.955 | 34.650 | 27.695 | 2.447 |

CAST TG1-93-DI -025 DATE 13 MAR 93 TIME 0133 GMT

LAT 02 11.0S LONG 170 01.0W

CAST TG1-93-DI -025 DATE 13 MAR 93 TIME 0133 GMT
LAT 02 11.0S LONG 170 01.0W WEATHER 1 SEA STATE 3
BAROMETER 06 WIND DIR 060 T SPD 08 KT VISIBILITY 9
CLOUD 8 AMOUNT 3 DRY 29.0 WET 28.0 DEPTH 4997 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.149 | 35.521 | 22.740 | 0.000 |
| 10 | 28.270 | 35.317 | 22.546 | 0.053 |
| 20 | 28.092 | 35.288 | 22.583 | 0.106 |
| 30 | 27.909 | 35.272 | 22.631 | 0.158 |
| 40 | 27.779 | 35.248 | 22.656 | 0.210 |
| 50 | 27.629 | 35.214 | 22.679 | 0.262 |
| 60 | 27.572 | 35.214 | 22.697 | 0.314 |
| 70 | 27.529 | 35.213 | 22.710 | 0.366 |
| 80 | 27.488 | 35.208 | 22.720 | 0.417 |
| 90 | 27.462 | 35.205 | 22.726 | 0.469 |
| 100 | 27.413 | 35.197 | 22.735 | 0.521 |
| 110 | 27.294 | 35.174 | 22.757 | 0.572 |
| 120 | 27.241 | 35.169 | 22.770 | 0.623 |
| 130 | 27.204 | 35.171 | 22.783 | 0.675 |
| 140 | 26.413 | 35.331 | 23.155 | 0.725 |
| 150 | 25.687 | 35.578 | 23.568 | 0.770 |
| 160 | 22.846 | 35.841 | 24.618 | 0.808 |
| 170 | 21.594 | 35.697 | 24.863 | 0.841 |
| 180 | 19.644 | 35.587 | 25.305 | 0.869 |
| 190 | 16.824 | 35.354 | 25.829 | 0.895 |
| 200 | 15.342 | 35.193 | 26.045 | 0.916 |
| 250 | 11.850 | 34.874 | 26.521 | 1.001 |
| 300 | 11.035 | 34.801 | 26.614 | 1.077 |
| 350 | 10.113 | 34.729 | 26.721 | 1.148 |
| 400 | 9.450 | 34.688 | 26.801 | 1.217 |
| 450 | 8.942 | 34.660 | 26.861 | 1.282 |
| 500 | 8.527 | 34.641 | 26.912 | 1.345 |
| 550 | 7.768 | 34.610 | 27.002 | 1.404 |
| 600 | 7.052 | 34.578 | 27.079 | 1.459 |
| 650 | 6.507 | 34.554 | 27.134 | 1.511 |
| 700 | 6.210 | 34.541 | 27.163 | 1.562 |
| 750 | 6.029 | 34.538 | 27.184 | 1.611 |
| 800 | 5.742 | 34.537 | 27.219 | 1.659 |
| 900 | 4.947 | 34.533 | 27.311 | 1.750 |
| 993 | 4.489 | 34.539 | 27.368 | 1.828 |

CAST TG1-93-DI -026 DATE 13 MAR 93 TIME 0629 GMT

LAT 03 00.0S LONG 170 00.0W

CAST TG1-93-DI -026 DATE 13 MAR 93 TIME 0629 GMT
LAT 03 00.0S LONG 170 00.0W WEATHER 1 SEA STATE 4
BAROMETER 09 WIND DIR 040 T SPD 12 KT VISIBILITY 7
CLOUD 6 AMOUNT 2 DRY 28.5 WET 27.1 DEPTH 5108 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.050 | 35.395 | 22.346 | 0.000 |
| 10 | 28.933 | 35.392 | 22.383 | 0.055 |
| 20 | 28.890 | 35.391 | 22.397 | 0.109 |
| 30 | 28.848 | 35.390 | 22.410 | 0.164 |
| 40 | 28.740 | 35.391 | 22.447 | 0.218 |
| 50 | 28.677 | 35.396 | 22.471 | 0.272 |
| 60 | 28.640 | 35.399 | 22.486 | 0.325 |
| 70 | 28.489 | 35.394 | 22.532 | 0.379 |
| 80 | 28.402 | 35.394 | 22.561 | 0.432 |
| 90 | 28.288 | 35.388 | 22.594 | 0.485 |
| 100 | 28.065 | 35.374 | 22.656 | 0.538 |
| 110 | 27.800 | 35.336 | 22.715 | 0.590 |
| 120 | 27.507 | 35.277 | 22.765 | 0.642 |
| 130 | 27.305 | 35.222 | 22.789 | 0.693 |
| 140 | 27.169 | 35.311 | 22.900 | 0.743 |
| 150 | 26.432 | 35.373 | 23.181 | 0.792 |
| 160 | 25.226 | 35.526 | 23.672 | 0.838 |
| 170 | 24.763 | 35.592 | 23.863 | 0.880 |
| 180 | 22.648 | 35.772 | 24.622 | 0.918 |
| 190 | 19.771 | 35.684 | 25.346 | 0.948 |
| 200 | 17.301 | 35.422 | 25.767 | 0.972 |
| 250 | 12.493 | 34.941 | 26.448 | 1.066 |
| 300 | 10.474 | 34.768 | 26.689 | 1.142 |
| 350 | 9.790 | 34.716 | 26.767 | 1.211 |
| 400 | 9.271 | 34.682 | 26.826 | 1.277 |
| 450 | 8.818 | 34.658 | 26.879 | 1.341 |
| 500 | 8.216 | 34.633 | 26.954 | 1.402 |
| 550 | 7.441 | 34.596 | 27.039 | 1.459 |
| 600 | 7.061 | 34.580 | 27.079 | 1.513 |
| 650 | 6.609 | 34.563 | 27.128 | 1.565 |
| 700 | 6.249 | 34.552 | 27.167 | 1.616 |
| 750 | 5.702 | 34.537 | 27.224 | 1.664 |
| 800 | 5.328 | 34.533 | 27.267 | 1.710 |
| 900 | 4.717 | 34.535 | 27.339 | 1.796 |
| 993 | 4.352 | 34.542 | 27.385 | 1.871 |

CAST TG1-93-DI -027 DATE 13 MAR 93 TIME 1203 GMT

LAT 04 00.6S LONG 170 00.0W

CAST TG1-93-DI -027 DATE 13 MAR 93 TIME 1203 GMT
LAT 04 00.6S LONG 170 00.0W WEATHER 1 SEA STATE 2
BAROMETER 09 WIND DIR 020 T SPD 10 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 28.5 WET 27.3 DEPTH 5714 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.332 | 35.112 | 22.039 | 0.000 |
| 10 | 29.336 | 35.112 | 22.038 | 0.058 |
| 20 | 29.281 | 35.113 | 22.057 | 0.116 |
| 30 | 29.255 | 35.115 | 22.067 | 0.173 |
| 40 | 29.247 | 35.120 | 22.074 | 0.231 |
| 50 | 29.212 | 35.187 | 22.136 | 0.288 |
| 60 | 29.015 | 35.351 | 22.325 | 0.344 |
| 70 | 28.907 | 35.385 | 22.387 | 0.399 |
| 80 | 28.946 | 35.417 | 22.398 | 0.454 |
| 90 | 28.905 | 35.419 | 22.413 | 0.509 |
| 100 | 28.811 | 35.427 | 22.450 | 0.563 |
| 110 | 28.659 | 35.429 | 22.502 | 0.617 |
| 120 | 28.534 | 35.416 | 22.534 | 0.671 |
| 130 | 27.286 | 35.351 | 22.892 | 0.722 |
| 140 | 26.683 | 35.332 | 23.071 | 0.772 |
| 150 | 25.655 | 35.676 | 23.652 | 0.818 |
| 160 | 24.523 | 35.775 | 24.074 | 0.859 |
| 170 | 23.776 | 35.855 | 24.357 | 0.896 |
| 180 | 22.410 | 35.894 | 24.783 | 0.931 |
| 190 | 19.849 | 35.684 | 25.325 | 0.960 |
| 200 | 18.475 | 35.546 | 25.573 | 0.986 |
| 250 | 12.607 | 34.958 | 26.439 | 1.085 |
| 300 | 10.714 | 34.794 | 26.667 | 1.161 |
| 350 | 9.628 | 34.718 | 26.795 | 1.230 |
| 400 | 8.912 | 34.674 | 26.877 | 1.294 |
| 450 | 8.260 | 34.635 | 26.948 | 1.355 |
| 500 | 7.485 | 34.592 | 27.029 | 1.412 |
| 550 | 6.975 | 34.573 | 27.086 | 1.467 |
| 600 | 6.484 | 34.556 | 27.139 | 1.518 |
| 650 | 6.093 | 34.547 | 27.183 | 1.568 |
| 700 | 5.758 | 34.542 | 27.221 | 1.615 |
| 750 | 5.406 | 34.537 | 27.261 | 1.661 |
| 800 | 5.083 | 34.534 | 27.296 | 1.706 |
| 900 | 4.694 | 34.544 | 27.349 | 1.790 |
| 993 | 4.421 | 34.550 | 27.383 | 1.865 |

CAST TG1-93-DI -028 DATE 13 MAR 93 TIME 1839 GMT

LAT 05 02.3S LONG 170 00.9W

CAST TG1-93-DI -028 DATE 13 MAR 93 TIME 1839 GMT
LAT 05 02.3S LONG 170 00.9W WEATHER 8 SEA STATE 3
BAROMETER 10 WIND DIR 000 T SPD 08 KT VISIBILITY 7
CLOUD 9 AMOUNT 4 DRY 28.0 WET 27.8 DEPTH 5395 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.313 | 34.791 | 21.805 | 0.000 |
| 10 | 29.317 | 34.797 | 21.808 | 0.060 |
| 20 | 29.317 | 34.828 | 21.831 | 0.120 |
| 30 | 29.272 | 35.064 | 22.023 | 0.179 |
| 40 | 29.269 | 35.122 | 22.068 | 0.237 |
| 50 | 29.271 | 35.123 | 22.068 | 0.295 |
| 60 | 29.275 | 35.133 | 22.074 | 0.352 |
| 70 | 29.248 | 35.175 | 22.114 | 0.410 |
| 80 | 29.213 | 35.200 | 22.145 | 0.467 |
| 90 | 29.208 | 35.218 | 22.161 | 0.524 |
| 100 | 29.205 | 35.252 | 22.187 | 0.581 |
| 110 | 28.971 | 35.316 | 22.313 | 0.637 |
| 120 | 28.301 | 35.471 | 22.652 | 0.692 |
| 130 | 28.086 | 35.584 | 22.808 | 0.744 |
| 140 | 27.593 | 35.766 | 23.106 | 0.793 |
| 150 | 26.399 | 36.066 | 23.714 | 0.838 |
| 160 | 26.061 | 36.114 | 23.857 | 0.880 |
| 170 | 23.931 | 36.078 | 24.480 | 0.917 |
| 180 | 23.052 | 35.977 | 24.662 | 0.952 |
| 190 | 21.178 | 35.828 | 25.077 | 0.984 |
| 200 | 19.070 | 35.610 | 25.471 | 1.011 |
| 250 | 12.086 | 34.904 | 26.498 | 1.111 |
| 300 | 10.921 | 34.809 | 26.641 | 1.187 |
| 350 | 9.926 | 34.737 | 26.759 | 1.257 |
| 400 | 9.418 | 34.705 | 26.819 | 1.324 |
| 450 | 8.685 | 34.663 | 26.905 | 1.388 |
| 500 | 7.917 | 34.616 | 26.985 | 1.447 |
| 550 | 7.472 | 34.599 | 27.037 | 1.504 |
| 600 | 7.072 | 34.581 | 27.079 | 1.558 |
| 650 | 6.739 | 34.568 | 27.114 | 1.611 |
| 700 | 6.327 | 34.553 | 27.158 | 1.662 |
| 750 | 5.686 | 34.539 | 27.228 | 1.711 |
| 800 | 5.474 | 34.536 | 27.252 | 1.757 |
| 900 | 4.794 | 34.534 | 27.330 | 1.845 |
| 991 | 4.485 | 34.540 | 27.369 | 1.920 |

CAST TG1-93-DI -029 DATE 13 MAR 93 TIME 2359 GMT

LAT 06 00.2S LONG 170 00.0W

CAST TG1-93-DI -029 DATE 13 MAR 93 TIME 2359 GMT
LAT 06 00.2S LONG 170 00.0W WEATHER 3 SEA STATE 3
BAROMETER 10 WIND DIR 300 T SPD 05 KT VISIBILITY 7
CLOUD 8 AMOUNT 8 DRY 27.2 WET 26.1 DEPTH 4782 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.222 | 34.530 | 21.639 | 0.000 |
| 10 | 29.221 | 34.588 | 21.683 | 0.061 |
| 20 | 29.206 | 34.590 | 21.690 | 0.122 |
| 30 | 29.169 | 34.594 | 21.705 | 0.184 |
| 40 | 29.114 | 34.600 | 21.728 | 0.245 |
| 50 | 29.143 | 34.655 | 21.760 | 0.305 |
| 60 | 29.137 | 34.911 | 21.954 | 0.365 |
| 70 | 29.253 | 35.116 | 22.069 | 0.424 |
| 80 | 29.247 | 35.139 | 22.088 | 0.481 |
| 90 | 29.232 | 35.146 | 22.099 | 0.539 |
| 100 | 29.190 | 35.200 | 22.153 | 0.596 |
| 110 | 29.151 | 35.261 | 22.212 | 0.653 |
| 120 | 29.154 | 35.266 | 22.215 | 0.710 |
| 130 | 28.975 | 35.308 | 22.306 | 0.766 |
| 140 | 27.720 | 35.651 | 22.978 | 0.819 |
| 150 | 26.305 | 36.117 | 23.782 | 0.864 |
| 160 | 25.102 | 36.112 | 24.153 | 0.904 |
| 170 | 23.879 | 36.092 | 24.506 | 0.941 |
| 180 | 22.559 | 36.042 | 24.853 | 0.974 |
| 190 | 21.438 | 35.927 | 25.081 | 1.004 |
| 200 | 20.102 | 35.775 | 25.327 | 1.033 |
| 250 | 14.528 | 35.139 | 26.183 | 1.145 |
| 300 | 11.232 | 34.838 | 26.608 | 1.230 |
| 350 | 9.907 | 34.736 | 26.762 | 1.302 |
| 400 | 9.148 | 34.680 | 26.844 | 1.367 |
| 450 | 8.667 | 34.651 | 26.898 | 1.430 |
| 500 | 8.136 | 34.622 | 26.957 | 1.490 |
| 550 | 7.650 | 34.602 | 27.013 | 1.549 |
| 600 | 7.129 | 34.579 | 27.070 | 1.604 |
| 650 | 6.785 | 34.567 | 27.107 | 1.657 |
| 700 | 6.401 | 34.555 | 27.149 | 1.709 |
| 750 | 5.965 | 34.543 | 27.197 | 1.759 |
| 800 | 5.567 | 34.536 | 27.241 | 1.806 |
| 900 | 4.962 | 34.534 | 27.311 | 1.895 |
| 991 | 4.562 | 34.538 | 27.358 | 1.972 |

CAST TG1-93-DI -030 DATE 14 MAR 93 TIME 0623 GMT

LAT 06 59.8S LONG 170 00.4W

CAST TG1-93-DI -030 DATE 14 MAR 93 TIME 0623 GMT
LAT 06 59.8S LONG 170 00.4W WEATHER 5 SEA STATE 2
BAROMETER 09 WIND DIR 350 T SPD 02 KT VISIBILITY 6
CLOUD 9 AMOUNT 5 DRY 26.8 WET 26.0 DEPTH 4744 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.372 | 34.440 | 21.522 | 0.000 |
| 10 | 29.321 | 34.524 | 21.602 | 0.063 |
| 20 | 29.247 | 34.525 | 21.627 | 0.124 |
| 30 | 29.250 | 34.566 | 21.657 | 0.186 |
| 40 | 29.276 | 34.617 | 21.686 | 0.247 |
| 50 | 29.250 | 34.643 | 21.715 | 0.309 |
| 60 | 29.267 | 34.654 | 21.717 | 0.370 |
| 70 | 29.263 | 34.667 | 21.729 | 0.431 |
| 80 | 29.186 | 34.673 | 21.759 | 0.492 |
| 90 | 29.031 | 34.749 | 21.868 | 0.552 |
| 100 | 28.995 | 35.047 | 22.103 | 0.611 |
| 110 | 28.563 | 35.408 | 22.518 | 0.667 |
| 120 | 28.054 | 35.544 | 22.788 | 0.720 |
| 130 | 27.718 | 35.634 | 22.966 | 0.770 |
| 140 | 27.338 | 35.787 | 23.204 | 0.819 |
| 150 | 26.283 | 36.088 | 23.768 | 0.864 |
| 160 | 25.048 | 36.187 | 24.226 | 0.904 |
| 170 | 24.120 | 36.182 | 24.502 | 0.939 |
| 180 | 23.473 | 36.129 | 24.654 | 0.974 |
| 190 | 22.032 | 36.002 | 24.972 | 1.005 |
| 200 | 21.086 | 35.912 | 25.166 | 1.035 |
| 250 | 16.182 | 35.307 | 25.943 | 1.161 |
| 300 | 12.896 | 34.980 | 26.399 | 1.256 |
| 350 | 10.862 | 34.810 | 26.653 | 1.334 |
| 400 | 9.526 | 34.704 | 26.801 | 1.404 |
| 450 | 8.722 | 34.648 | 26.887 | 1.468 |
| 500 | 8.088 | 34.610 | 26.954 | 1.529 |
| 550 | 7.695 | 34.586 | 26.994 | 1.587 |
| 600 | 6.842 | 34.549 | 27.086 | 1.643 |
| 650 | 6.506 | 34.536 | 27.120 | 1.696 |
| 700 | 6.181 | 34.534 | 27.161 | 1.747 |
| 750 | 5.879 | 34.536 | 27.201 | 1.796 |
| 800 | 5.655 | 34.540 | 27.232 | 1.843 |
| 900 | 5.077 | 34.535 | 27.298 | 1.934 |
| 994 | 4.646 | 34.538 | 27.350 | 2.014 |

CAST TG1-93-DI -031 DATE 14 MAR 93 TIME 1240 GMT

LAT 08 02.6S LONG 170 01.5W

CAST TG1-93-DI -031 DATE 14 MAR 93 TIME 1240 GMT
LAT 08 02.6S LONG 170 01.5W WEATHER 1 SEA STATE 0
BAROMETER 10 WIND DIR 000 T SPD 00 KT VISIBILITY 7
CLOUD 8 AMOUNT 5 DRY 28.0 WET 26.0 DEPTH 5346 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.386 | 34.612 | 21.646 | 0.000 |
| 10 | 29.346 | 34.665 | 21.699 | 0.061 |
| 20 | 29.316 | 34.711 | 21.744 | 0.122 |
| 30 | 29.293 | 34.719 | 21.758 | 0.183 |
| 40 | 29.229 | 34.736 | 21.791 | 0.243 |
| 50 | 29.175 | 34.756 | 21.825 | 0.303 |
| 60 | 29.124 | 34.792 | 21.869 | 0.363 |
| 70 | 29.074 | 34.795 | 21.888 | 0.423 |
| 80 | 29.054 | 34.814 | 21.908 | 0.482 |
| 90 | 29.001 | 34.849 | 21.953 | 0.542 |
| 100 | 28.875 | 35.189 | 22.250 | 0.599 |
| 110 | 28.153 | 35.570 | 22.775 | 0.653 |
| 120 | 27.513 | 35.776 | 23.139 | 0.702 |
| 130 | 26.788 | 35.894 | 23.461 | 0.749 |
| 140 | 26.254 | 36.051 | 23.749 | 0.792 |
| 150 | 25.790 | 36.111 | 23.939 | 0.833 |
| 160 | 25.154 | 36.144 | 24.161 | 0.872 |
| 170 | 24.327 | 36.158 | 24.422 | 0.910 |
| 180 | 23.659 | 36.158 | 24.621 | 0.944 |
| 190 | 22.210 | 36.049 | 24.957 | 0.976 |
| 200 | 21.612 | 35.973 | 25.067 | 1.007 |
| 250 | 17.744 | 35.499 | 25.718 | 1.137 |
| 300 | 14.786 | 35.147 | 26.133 | 1.244 |
| 350 | 11.306 | 34.813 | 26.575 | 1.330 |
| 400 | 9.726 | 34.709 | 26.771 | 1.401 |
| 450 | 8.612 | 34.643 | 26.900 | 1.466 |
| 500 | 7.623 | 34.586 | 27.004 | 1.525 |
| 550 | 7.132 | 34.559 | 27.053 | 1.580 |
| 600 | 6.761 | 34.544 | 27.093 | 1.634 |
| 650 | 6.427 | 34.540 | 27.134 | 1.686 |
| 700 | 6.094 | 34.546 | 27.182 | 1.736 |
| 750 | 5.855 | 34.541 | 27.208 | 1.784 |
| 800 | 5.516 | 34.537 | 27.247 | 1.831 |
| 900 | 4.996 | 34.534 | 27.307 | 1.921 |
| 992 | 4.609 | 34.538 | 27.353 | 1.998 |

CAST TG1-93-DI -003 LAT 05 59.8N LONG 154 59.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.039 | 34.478 | 0.00 | 28.039 | 21.992 |
| 75. | 27.515 | 34.646 | 0.00 | 27.498 | 22.294 |
| 222. | 10.825 | 34.646 | 0.00 | 10.798 | 26.537 |
| 368. | 9.115 | 34.630 | 0.00 | 9.074 | 26.816 |
| 469. | 8.585 | 34.591 | 0.00 | 8.535 | 26.872 |
| 572. | 7.571 | 34.562 | 0.00 | 7.514 | 27.002 |
| 670. | 6.637 | 34.550 | 0.00 | 6.574 | 27.122 |
| 770. | 5.768 | 34.552 | 0.00 | 5.701 | 27.236 |
| 872. | 5.079 | 34.562 | 0.00 | 5.007 | 27.327 |
| 1007. | 4.475 | 34.562 | 0.00 | 4.395 | 27.396 |

CAST TG1-93-DI -004 LAT 04 58.4N LONG 154 55.7W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.670 | 34.653 | 0.00 | 27.670 | 22.243 |
| 93. | 26.320 | 34.902 | 0.00 | 26.299 | 22.867 |
| 243. | 11.553 | 34.614 | 0.00 | 11.522 | 26.380 |
| 389. | 9.136 | 34.585 | 0.00 | 9.093 | 26.778 |
| 491. | 8.197 | 34.549 | 0.00 | 8.146 | 26.898 |
| 592. | 7.203 | 34.556 | 0.00 | 7.145 | 27.049 |
| 691. | 6.380 | 34.549 | 0.00 | 6.317 | 27.156 |
| 789. | 5.653 | 34.550 | 0.00 | 5.584 | 27.249 |
| 888. | 5.077 | 34.553 | 0.00 | 5.003 | 27.321 |
| 993. | 4.624 | 34.558 | 0.00 | 4.544 | 27.376 |
| 988. | 4.639 | 34.557 | 0.00 | 4.559 | 27.374 |

CAST TG1-93-DI -005 LAT 04 00.4N LONG 155 00.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.074 | 34.831 | 0.00 | 27.074 | 22.569 |
| 0. | 27.070 | 34.831 | 0.00 | 27.070 | 22.570 |
| 91. | 26.326 | 34.924 | 0.00 | 26.306 | 22.882 |
| 242. | 10.513 | 34.651 | 0.00 | 10.484 | 26.596 |
| 392. | 9.175 | 34.654 | 0.00 | 9.132 | 26.827 |
| 492. | 8.111 | 34.617 | 0.00 | 8.060 | 26.964 |
| 591. | 7.039 | 34.577 | 0.00 | 6.982 | 27.088 |
| 691. | 6.121 | 34.552 | 0.00 | 6.059 | 27.191 |
| 790. | 5.664 | 34.547 | 0.00 | 5.595 | 27.245 |
| 891. | 4.994 | 34.552 | 0.00 | 4.920 | 27.330 |
| 995. | 4.652 | 34.554 | 0.00 | 4.572 | 27.370 |
| 989. | 4.671 | 34.555 | 0.00 | 4.591 | 27.369 |

CAST TG1-93-DI -006 LAT 03 00.1N LONG 155 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 26.771 | 34.659 | 0.00 | 26.771 | 22.536 |
| 0. | 26.772 | 34.658 | 0.00 | 26.772 | 22.535 |
| 93. | 26.584 | 34.839 | 0.00 | 26.563 | 22.737 |
| 242. | 11.651 | 34.817 | 0.00 | 11.620 | 26.519 |
| 391. | 9.573 | 34.683 | 0.00 | 9.529 | 26.784 |
| 491. | 8.114 | 34.617 | 0.00 | 8.063 | 26.964 |
| 590. | 6.688 | 34.565 | 0.00 | 6.633 | 27.127 |
| 690. | 5.898 | 34.549 | 0.00 | 5.837 | 27.217 |
| 789. | 5.446 | 34.544 | 0.00 | 5.379 | 27.270 |
| 889. | 4.935 | 34.544 | 0.00 | 4.862 | 27.329 |
| 991. | 4.598 | 34.554 | 0.00 | 4.518 | 27.376 |
| 993. | 4.593 | 34.554 | 0.00 | 4.513 | 27.377 |

CAST TG1-93-DI -007 LAT 02 00.1N LONG 155 06.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 26.878 | 34.776 | 0.00 | 26.878 | 22.590 |
| 0. | 26.878 | 34.775 | 0.00 | 26.878 | 22.589 |
| 93. | 26.068 | 34.954 | 0.00 | 26.047 | 22.986 |
| 244. | 11.706 | 34.824 | 0.00 | 11.675 | 26.515 |
| 391. | 9.710 | 34.698 | 0.00 | 9.665 | 26.773 |
| 490. | 8.052 | 34.615 | 0.00 | 8.002 | 26.971 |
| 591. | 6.756 | 34.579 | 0.00 | 6.701 | 27.128 |
| 690. | 6.247 | 34.562 | 0.00 | 6.184 | 27.183 |
| 789. | 5.919 | 34.551 | 0.00 | 5.849 | 27.217 |
| 885. | 5.254 | 34.546 | 0.00 | 5.179 | 27.294 |
| 990. | 4.608 | 34.554 | 0.00 | 4.529 | 27.375 |
| 991. | 4.615 | 34.554 | 0.00 | 4.535 | 27.374 |

CAST TG1-93-DI -008 LAT 01 00.1N LONG 155 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 26.516 | 34.900 | 0.00 | 26.516 | 22.798 |
| 0. | 26.517 | 34.897 | 0.00 | 26.517 | 22.795 |
| 94. | 25.774 | 34.957 | 0.00 | 25.753 | 23.079 |
| 241. | 12.059 | 34.842 | 0.00 | 12.027 | 26.462 |
| 389. | 10.445 | 34.746 | 0.00 | 10.398 | 26.686 |
| 491. | 7.598 | 34.598 | 0.00 | 7.549 | 27.024 |
| 592. | 6.940 | 34.578 | 0.00 | 6.884 | 27.102 |
| 691. | 6.358 | 34.560 | 0.00 | 6.295 | 27.167 |
| 790. | 5.611 | 34.546 | 0.00 | 5.543 | 27.251 |
| 888. | 5.026 | 34.548 | 0.00 | 4.953 | 27.322 |
| 985. | 4.530 | 34.556 | 0.00 | 4.451 | 27.385 |

CAST TG1-93-DI -009 LAT 00 01.0N LONG 155 01.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 26.648 | 35.104 | 0.00 | 26.648 | 22.910 |
| 92. | 25.563 | 34.990 | 0.00 | 25.543 | 23.169 |
| 242. | 12.733 | 34.916 | 0.00 | 12.700 | 26.388 |
| 392. | 9.215 | 34.674 | 0.00 | 9.172 | 26.836 |
| 492. | 7.992 | 34.608 | 0.00 | 7.942 | 26.975 |
| 591. | 7.080 | 34.578 | 0.00 | 7.023 | 27.084 |
| 690. | 6.146 | 34.556 | 0.00 | 6.084 | 27.191 |
| 792. | 5.599 | 34.547 | 0.00 | 5.531 | 27.254 |
| 890. | 5.136 | 34.545 | 0.00 | 5.062 | 27.307 |
| 995. | 4.533 | 34.556 | 0.00 | 4.454 | 27.384 |
| 995. | 4.545 | 34.556 | 0.00 | 4.466 | 27.383 |

CAST TG1-93-DI -010 LAT 00 59.9S LONG 155 00.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 26.976 | 35.110 | 0.00 | 26.976 | 22.810 |
| 0. | 26.976 | 35.109 | 0.00 | 26.976 | 22.810 |
| 241. | 12.113 | 34.862 | 0.00 | 12.081 | 26.467 |
| 491. | 7.273 | 34.583 | 0.00 | 7.225 | 27.059 |
| 690. | 6.304 | 34.584 | 0.00 | 6.241 | 27.193 |
| 788. | 5.576 | 34.559 | 0.00 | 5.508 | 27.266 |
| 888. | 4.739 | 34.556 | 0.00 | 4.667 | 27.361 |
| 992. | 4.507 | 34.558 | 0.00 | 4.428 | 27.389 |
| 992. | 4.508 | 34.558 | 0.00 | 4.429 | 27.389 |

CAST TG1-93-DI -011 LAT 01 59.8S LONG 154 58.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 26.943 | 35.119 | 0.00 | 26.943 | 22.828 |
| 0. | 26.941 | 35.119 | 0.00 | 26.941 | 22.828 |
| 243. | 12.007 | 34.894 | 0.00 | 11.975 | 26.512 |
| 490. | 7.546 | 34.608 | 0.00 | 7.497 | 27.040 |
| 687. | 6.272 | 34.556 | 0.00 | 6.210 | 27.175 |
| 788. | 5.698 | 34.549 | 0.00 | 5.629 | 27.243 |
| 889. | 4.743 | 34.549 | 0.00 | 4.671 | 27.355 |
| 989. | 4.354 | 34.556 | 0.00 | 4.276 | 27.404 |
| 990. | 4.353 | 34.555 | 0.00 | 4.275 | 27.403 |

CAST TG1-93-DI -012 LAT 02 59.5S LONG 155 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.084 | 35.068 | 0.00 | 27.084 | 22.744 |
| 0. | 27.087 | 35.069 | 0.00 | 27.087 | 22.744 |
| 244. | 12.010 | 34.863 | 0.00 | 11.978 | 26.488 |
| 490. | 8.284 | 34.649 | 0.00 | 8.233 | 26.963 |
| 691. | 6.045 | 34.551 | 0.00 | 5.983 | 27.200 |
| 789. | 5.305 | 34.552 | 0.00 | 5.239 | 27.292 |
| 890. | 4.722 | 34.552 | 0.00 | 4.650 | 27.360 |
| 988. | 4.386 | 34.556 | 0.00 | 4.308 | 27.400 |
| 1000. | 4.324 | 34.557 | 0.00 | 4.246 | 27.408 |

CAST TG1-93-DI -013 LAT 03 53.2S LONG 155 00.7W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.964 | 35.365 | 0.00 | 27.964 | 22.683 |
| 0. | 27.925 | 35.366 | 0.00 | 27.925 | 22.697 |
| 242. | 11.830 | 34.876 | 0.00 | 11.799 | 26.531 |
| 492. | 8.213 | 34.644 | 0.00 | 8.162 | 26.970 |
| 689. | 6.206 | 34.561 | 0.00 | 6.144 | 27.188 |
| 789. | 5.566 | 34.547 | 0.00 | 5.498 | 27.257 |
| 887. | 4.861 | 34.540 | 0.00 | 4.789 | 27.334 |
| 985. | 4.324 | 34.553 | 0.00 | 4.247 | 27.405 |
| 985. | 4.324 | 34.549 | 0.00 | 4.247 | 27.402 |

CAST TG1-93-DI -014 LAT 05 01.8S LONG 154 58.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.460 | 35.347 | 0.00 | 28.460 | 22.507 |
| 0. | 28.460 | 35.305 | 0.00 | 28.460 | 22.475 |
| 242. | 12.781 | 34.964 | 0.00 | 12.748 | 26.416 |
| 492. | 8.564 | 34.662 | 0.00 | 8.511 | 26.931 |
| 689. | 6.293 | 34.556 | 0.00 | 6.230 | 27.172 |
| 790. | 5.502 | 34.540 | 0.00 | 5.434 | 27.260 |
| 889. | 4.871 | 34.540 | 0.00 | 4.798 | 27.334 |
| 989. | 4.408 | 34.550 | 0.00 | 4.330 | 27.393 |
| 989. | 4.408 | 34.551 | 0.00 | 4.330 | 27.394 |

CAST TG1-93-DI -015 LAT 06 00.0S LONG 154 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.841 | 35.277 | 0.00 | 28.841 | 22.328 |
| 0. | 28.841 | 35.277 | 0.00 | 28.841 | 22.328 |
| 243. | 12.409 | 34.947 | 0.00 | 12.377 | 26.476 |
| 492. | 8.341 | 34.646 | 0.00 | 8.289 | 26.952 |
| 689. | 6.694 | 34.562 | 0.00 | 6.629 | 27.125 |
| 789. | 5.627 | 34.536 | 0.00 | 5.559 | 27.241 |
| 889. | 4.876 | 34.536 | 0.00 | 4.803 | 27.330 |
| 992. | 4.350 | 34.546 | 0.00 | 4.272 | 27.396 |
| 991. | 4.355 | 34.549 | 0.00 | 4.277 | 27.398 |

CAST TG1-93-DI -016 LAT 06 59.5S LONG 154 59.6W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.853 | 35.441 | 0.00 | 28.853 | 22.447 |
| 0. | 28.850 | 35.447 | 0.00 | 28.850 | 22.452 |
| 240. | 15.141 | 35.178 | 0.00 | 15.104 | 26.087 |
| 490. | 7.841 | 34.602 | 0.00 | 7.791 | 26.992 |
| 687. | 6.253 | 34.551 | 0.00 | 6.191 | 27.174 |
| 788. | 5.578 | 34.538 | 0.00 | 5.510 | 27.249 |
| 888. | 5.088 | 34.535 | 0.00 | 5.014 | 27.305 |
| 992. | 4.579 | 34.538 | 0.00 | 4.500 | 27.365 |
| 990. | 4.594 | 34.540 | 0.00 | 4.515 | 27.365 |

CAST TG1-93-DI -017 LAT 08 18.2S LONG 154 58.7W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.987 | 35.235 | 0.00 | 28.987 | 22.247 |
| 0. | 28.990 | 35.248 | 0.00 | 28.990 | 22.256 |
| 591. | 7.245 | 34.542 | 0.00 | 7.187 | 27.032 |
| 690. | 6.080 | 34.532 | 0.00 | 6.018 | 27.181 |
| 790. | 5.463 | 34.530 | 0.00 | 5.396 | 27.256 |
| 890. | 4.967 | 34.535 | 0.00 | 4.894 | 27.319 |
| 989. | 4.525 | 34.535 | 0.00 | 4.446 | 27.369 |
| 989. | 4.525 | 34.536 | 0.00 | 4.446 | 27.370 |

CAST TG1-93-DI -018 LAT 01 57.8N LONG 170 02.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.721 | 35.001 | 0.00 | 27.721 | 22.488 |
| 0. | 27.717 | 35.000 | 0.00 | 27.717 | 22.489 |
| 492. | 8.935 | 34.646 | 0.00 | 8.881 | 26.860 |
| 991. | 4.584 | 34.555 | 0.00 | 4.505 | 27.378 |
| 1487. | 2.945 | 34.608 | 0.00 | 2.839 | 27.587 |
| 1988. | 2.282 | 34.636 | 0.00 | 2.142 | 27.669 |
| 2488. | 1.894 | 34.659 | 0.00 | 1.717 | 27.721 |
| 2738. | 1.776 | 34.667 | 0.00 | 1.578 | 27.737 |
| 2988. | 1.685 | 34.673 | 0.00 | 1.465 | 27.750 |

CAST TG1-93-DI -019 LAT 01 30.0N LONG 170 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.470 | 35.024 | 0.00 | 27.470 | 22.587 |
| 492. | 8.999 | 34.651 | 0.00 | 8.945 | 26.854 |
| 987. | 4.552 | 34.556 | 0.00 | 4.473 | 27.383 |
| 1487. | 3.112 | 34.600 | 0.00 | 3.004 | 27.565 |
| 1987. | 2.291 | 34.636 | 0.00 | 2.151 | 27.668 |
| 2490. | 1.890 | 34.653 | 0.00 | 1.713 | 27.716 |
| 2741. | 1.796 | 34.667 | 0.00 | 1.597 | 27.736 |
| 2990. | 1.719 | 34.669 | 0.00 | 1.498 | 27.745 |
| 2993. | 1.717 | 34.669 | 0.00 | 1.496 | 27.745 |

CAST TG1-93-DI -020 LAT 00 59.5N LONG 170 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 27.265 | 35.062 | 0.00 | 27.264 | 22.682 |
| 2. | 27.265 | 35.064 | 0.00 | 27.265 | 22.683 |
| 490. | 8.906 | 34.653 | 0.00 | 8.852 | 26.870 |
| 985. | 4.540 | 34.554 | 0.00 | 4.461 | 27.382 |
| 1483. | 3.093 | 34.598 | 0.00 | 2.985 | 27.565 |
| 1983. | 2.286 | 34.635 | 0.00 | 2.147 | 27.668 |
| 2485. | 1.884 | 34.659 | 0.00 | 1.707 | 27.721 |
| 2740. | 1.782 | 34.665 | 0.00 | 1.584 | 27.735 |
| 2992. | 1.689 | 34.669 | 0.00 | 1.469 | 27.747 |

CAST TG1-93-DI -021 LAT 00 30.0N LONG 170 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.575 | 35.156 | 0.00 | 27.575 | 22.652 |
| 0. | 27.526 | 35.155 | 0.00 | 27.526 | 22.668 |
| 240. | 12.873 | 34.872 | 0.00 | 12.840 | 26.326 |
| 495. | 8.589 | 34.641 | 0.00 | 8.536 | 26.910 |
| 690. | 6.449 | 34.562 | 0.00 | 6.385 | 27.157 |
| 789. | 5.356 | 34.546 | 0.00 | 5.289 | 27.281 |
| 889. | 4.899 | 34.549 | 0.00 | 4.826 | 27.338 |
| 991. | 4.446 | 34.559 | 0.00 | 4.368 | 27.397 |
| 991. | 4.443 | 34.556 | 0.00 | 4.365 | 27.394 |

CAST TG1-93-DI -022 LAT 00 03.1S LONG 170 05.3W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 1. | 27.522 | 35.183 | 0.00 | 27.522 | 22.690 |
| 492. | 8.846 | 34.657 | 0.00 | 8.792 | 26.883 |
| 989. | 4.350 | 34.559 | 0.00 | 4.272 | 27.406 |
| 1988. | 2.206 | 34.644 | 0.00 | 2.067 | 27.681 |
| 2989. | 1.661 | 34.671 | 0.00 | 1.442 | 27.750 |
| 3490. | 1.547 | 34.678 | 0.00 | 1.281 | 27.768 |
| 3990. | 1.427 | 34.690 | 0.00 | 1.111 | 27.789 |
| 4491. | 1.260 | 34.699 | 0.00 | 0.893 | 27.811 |
| 4990. | 1.253 | 34.703 | 0.00 | 0.828 | 27.818 |

CAST TG1-93-DI -023 LAT 00 30.4S LONG 170 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 27.303 | 35.209 | 0.00 | 27.303 | 22.780 |
| 1. | 27.308 | 35.209 | 0.00 | 27.308 | 22.778 |
| 492. | 8.861 | 34.662 | 0.00 | 8.807 | 26.884 |
| 988. | 4.332 | 34.558 | 0.00 | 4.255 | 27.408 |
| 1488. | 3.016 | 34.601 | 0.00 | 2.909 | 27.575 |
| 1986. | 2.231 | 34.641 | 0.00 | 2.092 | 27.677 |
| 2488. | 1.854 | 34.661 | 0.00 | 1.677 | 27.725 |
| 2737. | 1.761 | 34.666 | 0.00 | 1.563 | 27.738 |
| 2989. | 1.669 | 34.672 | 0.00 | 1.450 | 27.750 |

CAST TG1-93-DI -024 LAT 00 59.8S LONG 170 00.3W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 5. | 27.460 | 35.200 | 0.00 | 27.459 | 22.723 |
| 5. | 27.425 | 35.200 | 0.00 | 27.424 | 22.735 |
| 490. | 8.358 | 34.641 | 0.00 | 8.306 | 26.946 |
| 988. | 4.419 | 34.559 | 0.00 | 4.341 | 27.399 |
| 1485. | 3.091 | 34.598 | 0.00 | 2.983 | 27.566 |
| 1987. | 2.261 | 34.642 | 0.00 | 2.122 | 27.675 |
| 2487. | 1.839 | 34.663 | 0.00 | 1.663 | 27.728 |
| 2738. | 1.783 | 34.667 | 0.00 | 1.585 | 27.737 |
| 2977. | 1.659 | 34.673 | 0.00 | 1.441 | 27.752 |

CAST TG1-93-DI -025 LAT 02 11.0S LONG 170 01.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.537 | 35.331 | 0.00 | 28.537 | 22.469 |
| 0. | 28.527 | 35.330 | 0.00 | 28.527 | 22.472 |
| 242. | 12.547 | 34.961 | 0.00 | 12.514 | 26.460 |
| 490. | 8.769 | 34.663 | 0.00 | 8.716 | 26.899 |
| 688. | 6.355 | 34.556 | 0.00 | 6.292 | 27.164 |
| 789. | 5.933 | 34.551 | 0.00 | 5.863 | 27.216 |
| 888. | 5.136 | 34.546 | 0.00 | 5.062 | 27.308 |
| 990. | 4.579 | 34.551 | 0.00 | 4.500 | 27.376 |
| 989. | 4.580 | 34.551 | 0.00 | 4.501 | 27.376 |

CAST TG1-93-DI -026 LAT 03 00.0S LONG 170 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.997 | 35.410 | 0.00 | 28.997 | 22.375 |
| 0. | 28.997 | 35.410 | 0.00 | 28.997 | 22.375 |
| 243. | 12.702 | 34.971 | 0.00 | 12.669 | 26.437 |
| 491. | 8.615 | 34.656 | 0.00 | 8.562 | 26.918 |
| 690. | 6.333 | 34.562 | 0.00 | 6.270 | 27.172 |
| 790. | 5.373 | 34.543 | 0.00 | 5.306 | 27.277 |
| 889. | 4.831 | 34.542 | 0.00 | 4.759 | 27.340 |
| 990. | 4.431 | 34.550 | 0.00 | 4.353 | 27.391 |
| 990. | 4.431 | 34.549 | 0.00 | 4.353 | 27.390 |

CAST TG1-93-DI -027 LAT 04 00.6S LONG 170 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 29.287 | 35.120 | 0.00 | 29.287 | 22.060 |
| 0. | 29.286 | 35.120 | 0.00 | 29.286 | 22.061 |
| 243. | 12.943 | 35.013 | 0.00 | 12.910 | 26.421 |
| 492. | 7.704 | 34.605 | 0.00 | 7.655 | 27.015 |
| 691. | 5.830 | 34.543 | 0.00 | 5.770 | 27.221 |
| 790. | 5.181 | 34.535 | 0.00 | 5.115 | 27.294 |
| 990. | 4.499 | 34.551 | 0.00 | 4.420 | 27.384 |
| 989. | 4.500 | 34.552 | 0.00 | 4.421 | 27.385 |

CAST TG1-93-DI -028 LAT 05 02.3S LONG 170 00.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 29.293 | 34.796 | 0.00 | 29.293 | 21.815 |
| 0. | 29.291 | 34.796 | 0.00 | 29.291 | 21.816 |
| 242. | 13.465 | 35.005 | 0.00 | 13.431 | 26.310 |
| 491. | 8.074 | 34.629 | 0.00 | 8.023 | 26.980 |
| 689. | 6.445 | 34.557 | 0.00 | 6.381 | 27.153 |
| 789. | 5.568 | 34.541 | 0.00 | 5.500 | 27.252 |
| 887. | 4.926 | 34.534 | 0.00 | 4.853 | 27.323 |
| 981. | 4.589 | 34.539 | 0.00 | 4.510 | 27.365 |
| 983. | 4.589 | 34.543 | 0.00 | 4.510 | 27.368 |

CAST TG1-93-DI -029 LAT 06 00.2S LONG 170 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 29.293 | 34.588 | 0.00 | 29.293 | 21.659 |
| 0. | 29.293 | 34.587 | 0.00 | 29.293 | 21.659 |
| 143. | 26.791 | 36.017 | 0.00 | 26.758 | 23.563 |
| 291. | 12.933 | 34.996 | 0.00 | 12.893 | 26.412 |
| 492. | 8.449 | 34.652 | 0.00 | 8.397 | 26.941 |
| 690. | 6.642 | 34.567 | 0.00 | 6.577 | 27.136 |
| 889. | 5.094 | 34.538 | 0.00 | 5.020 | 27.307 |
| 990. | 4.638 | 34.542 | 0.00 | 4.558 | 27.362 |
| 989. | 4.647 | 34.543 | 0.00 | 4.567 | 27.362 |

CAST TG1-93-DI -030 LAT 06 59.8S LONG 170 00.4W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 29.354 | 34.464 | 0.00 | 29.353 | 21.546 |
| 3. | 29.354 | 34.465 | 0.00 | 29.353 | 21.547 |
| 144. | 27.126 | 35.868 | 0.00 | 27.093 | 23.344 |
| 291. | 14.547 | 35.133 | 0.00 | 14.504 | 26.183 |
| 491. | 8.277 | 34.624 | 0.00 | 8.226 | 26.945 |
| 690. | 6.269 | 34.542 | 0.00 | 6.206 | 27.165 |
| 890. | 5.179 | 34.536 | 0.00 | 5.104 | 27.295 |
| 990. | 4.731 | 34.541 | 0.00 | 4.651 | 27.351 |
| 990. | 4.731 | 34.542 | 0.00 | 4.651 | 27.352 |

CAST TG1-93-DI -031 LAT 08 02.6S LONG 170 01.5W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 29.376 | 34.635 | 0.00 | 29.376 | 21.666 |
| 1. | 29.376 | 34.635 | 0.00 | 29.376 | 21.666 |
| 142. | 26.677 | 35.939 | 0.00 | 26.645 | 23.541 |
| 293. | 15.216 | 35.198 | 0.00 | 15.171 | 26.088 |
| 491. | 7.735 | 34.595 | 0.00 | 7.686 | 27.002 |
| 689. | 6.151 | 34.554 | 0.00 | 6.089 | 27.189 |
| 888. | 5.090 | 34.537 | 0.00 | 5.016 | 27.307 |
| 990. | 4.689 | 34.540 | 0.00 | 4.609 | 27.355 |
| 990. | 4.688 | 34.541 | 0.00 | 4.608 | 27.356 |

# TG2-93-DI
# March 19-April 8, 1993
# CTD and Hydrographic Data Summary

CAST TG2-93-DI -001 DATE 23 MAR 93 TIME 0001 GMT

LAT 07 57.2S LONG 179 59.3W

CAST TG2-93-DI -001 DATE 23 MAR 93 TIME 0001 GMT
LAT 07 57.2S LONG 179 59.3W WEATHER 1 SEA STATE 3
BAROMETER 12 WIND DIR 350 T SPD 12 KT VISIBILITY 7
CLOUD 6 AMOUNT 4 DRY 30.5 WET 27.5 DEPTH 5472 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.252 | 34.169 | 21.358 | 0.000 |
| 10 | 29.160 | 34.166 | 21.387 | 0.064 |
| 20 | 29.147 | 34.166 | 21.391 | 0.128 |
| 30 | 29.144 | 34.170 | 21.396 | 0.192 |
| 40 | 29.129 | 34.179 | 21.407 | 0.256 |
| 50 | 29.127 | 34.338 | 21.527 | 0.320 |
| 60 | 29.112 | 34.367 | 21.554 | 0.382 |
| 70 | 29.040 | 34.460 | 21.648 | 0.445 |
| 80 | 28.881 | 34.632 | 21.830 | 0.506 |
| 90 | 28.423 | 34.964 | 22.231 | 0.564 |
| 100 | 27.886 | 35.228 | 22.606 | 0.618 |
| 110 | 27.443 | 35.369 | 22.856 | 0.670 |
| 120 | 27.033 | 35.615 | 23.172 | 0.718 |
| 130 | 26.749 | 35.764 | 23.375 | 0.765 |
| 140 | 26.206 | 35.853 | 23.615 | 0.809 |
| 150 | 24.958 | 35.931 | 24.060 | 0.850 |
| 160 | 24.091 | 35.899 | 24.297 | 0.888 |
| 170 | 23.313 | 35.914 | 24.538 | 0.924 |
| 180 | 22.387 | 35.953 | 24.834 | 0.958 |
| 190 | 21.940 | 35.987 | 24.986 | 0.989 |
| 200 | 21.053 | 35.886 | 25.156 | 1.018 |
| 250 | 17.072 | 35.413 | 25.815 | 1.146 |
| 300 | 13.767 | 35.047 | 26.273 | 1.248 |
| 350 | 11.407 | 34.826 | 26.566 | 1.331 |
| 400 | 9.697 | 34.702 | 26.771 | 1.402 |
| 450 | 8.743 | 34.645 | 26.881 | 1.467 |
| 500 | 7.791 | 34.589 | 26.982 | 1.527 |
| 550 | 7.143 | 34.555 | 27.049 | 1.583 |
| 600 | 6.713 | 34.539 | 27.095 | 1.637 |
| 650 | 6.270 | 34.523 | 27.141 | 1.689 |
| 700 | 5.924 | 34.516 | 27.180 | 1.739 |
| 750 | 5.619 | 34.513 | 27.215 | 1.787 |
| 800 | 5.369 | 34.514 | 27.246 | 1.833 |
| 900 | 4.841 | 34.514 | 27.308 | 1.923 |
| 991 | 4.389 | 34.521 | 27.364 | 1.999 |

CAST TG2-93-DI -002 DATE 23 MAR 93 TIME 1812 GMT

LAT 04 56.3S LONG 179 50.1W

CAST TG2-93-DI -002 DATE 23 MAR 93 TIME 1812 GMT
LAT 04 56.3S LONG 179 50.1W WEATHER 1 SEA STATE 3
BAROMETER 12 WIND DIR 025 T SPD 04 KT VISIBILITY 9
CLOUD 3 AMOUNT 6 DRY 28.0 WET 26.5 DEPTH 5683 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.434 | 34.822 | 21.787 | 0.000 |
| 10 | 29.438 | 34.823 | 21.787 | 0.060 |
| 20 | 29.438 | 34.824 | 21.787 | 0.120 |
| 30 | 29.438 | 34.825 | 21.788 | 0.181 |
| 40 | 29.435 | 34.826 | 21.790 | 0.241 |
| 50 | 29.435 | 34.827 | 21.791 | 0.301 |
| 60 | 29.430 | 34.833 | 21.797 | 0.362 |
| 70 | 29.342 | 34.985 | 21.940 | 0.422 |
| 80 | 29.337 | 35.037 | 21.981 | 0.481 |
| 90 | 29.323 | 35.078 | 22.016 | 0.539 |
| 100 | 29.296 | 35.153 | 22.082 | 0.597 |
| 110 | 28.884 | 35.336 | 22.357 | 0.654 |
| 120 | 28.440 | 35.390 | 22.545 | 0.708 |
| 130 | 28.205 | 35.423 | 22.647 | 0.761 |
| 140 | 27.767 | 35.492 | 22.843 | 0.813 |
| 150 | 26.827 | 35.559 | 23.196 | 0.862 |
| 160 | 26.000 | 35.637 | 23.516 | 0.908 |
| 170 | 25.480 | 35.772 | 23.779 | 0.951 |
| 180 | 23.618 | 35.971 | 24.492 | 0.990 |
| 190 | 22.588 | 35.945 | 24.771 | 1.024 |
| 200 | 21.362 | 35.876 | 25.063 | 1.055 |
| 250 | 15.801 | 35.269 | 26.001 | 1.178 |
| 300 | 12.468 | 34.944 | 26.456 | 1.269 |
| 350 | 10.650 | 34.790 | 26.676 | 1.345 |
| 400 | 9.730 | 34.719 | 26.779 | 1.415 |
| 450 | 9.109 | 34.677 | 26.848 | 1.480 |
| 500 | 8.539 | 34.641 | 26.910 | 1.543 |
| 550 | 7.888 | 34.607 | 26.982 | 1.603 |
| 600 | 7.372 | 34.582 | 27.037 | 1.661 |
| 650 | 6.807 | 34.556 | 27.096 | 1.715 |
| 700 | 6.340 | 34.540 | 27.145 | 1.767 |
| 750 | 5.993 | 34.529 | 27.182 | 1.817 |
| 800 | 5.741 | 34.531 | 27.215 | 1.866 |
| 900 | 4.992 | 34.526 | 27.300 | 1.957 |
| 992 | 4.336 | 34.536 | 27.381 | 2.033 |

CAST TG2-93-DI -003 DATE 24 MAR 93 TIME 0648 GMT

LAT 03 59.9S LONG 179 59.9W

CAST TG2-93-DI -003 DATE 24 MAR 93 TIME 0648 GMT
LAT 03 59.9S LONG 179 59.9W WEATHER 1 SEA STATE 0
BAROMETER 10 WIND DIR 000 T SPD 00 KT VISIBILITY 6
CLOUD 0 AMOUNT 0 DRY 29.0 WET 26.2 DEPTH 5783 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.581 | 34.917 | 21.809 | 0.000 |
| 10 | 29.426 | 34.948 | 21.885 | 0.059 |
| 20 | 29.501 | 35.114 | 21.984 | 0.118 |
| 30 | 29.432 | 35.166 | 22.046 | 0.176 |
| 40 | 29.406 | 35.169 | 22.057 | 0.234 |
| 50 | 29.386 | 35.173 | 22.067 | 0.292 |
| 60 | 29.335 | 35.179 | 22.088 | 0.350 |
| 70 | 29.284 | 35.204 | 22.124 | 0.407 |
| 80 | 29.194 | 35.238 | 22.180 | 0.464 |
| 90 | 29.109 | 35.298 | 22.254 | 0.521 |
| 100 | 28.943 | 35.366 | 22.360 | 0.576 |
| 110 | 28.702 | 35.355 | 22.432 | 0.631 |
| 120 | 28.313 | 35.341 | 22.551 | 0.685 |
| 130 | 27.768 | 35.370 | 22.751 | 0.738 |
| 140 | 26.791 | 35.510 | 23.171 | 0.788 |
| 150 | 26.507 | 35.608 | 23.335 | 0.834 |
| 160 | 26.200 | 35.737 | 23.529 | 0.880 |
| 170 | 25.311 | 35.915 | 23.939 | 0.922 |
| 180 | 24.332 | 35.985 | 24.290 | 0.960 |
| 190 | 23.097 | 35.971 | 24.644 | 0.996 |
| 200 | 22.161 | 35.902 | 24.859 | 1.028 |
| 250 | 13.665 | 35.048 | 26.295 | 1.148 |
| 300 | 11.151 | 34.828 | 26.614 | 1.229 |
| 350 | 9.792 | 34.718 | 26.768 | 1.300 |
| 400 | 9.276 | 34.685 | 26.828 | 1.366 |
| 450 | 8.773 | 34.654 | 26.884 | 1.429 |
| 500 | 8.215 | 34.629 | 26.950 | 1.490 |
| 550 | 7.490 | 34.596 | 27.032 | 1.548 |
| 600 | 7.035 | 34.577 | 27.081 | 1.603 |
| 650 | 6.602 | 34.559 | 27.126 | 1.655 |
| 700 | 6.162 | 34.538 | 27.167 | 1.706 |
| 750 | 5.735 | 34.527 | 27.213 | 1.754 |
| 800 | 5.316 | 34.528 | 27.264 | 1.800 |
| 900 | 4.802 | 34.533 | 27.328 | 1.887 |
| 983 | 4.460 | 34.540 | 27.371 | 1.955 |

CAST TG2-93-DI -004 DATE 24 MAR 93 TIME 1242 GMT

LAT 03 00.0S LONG 179 59.7W

CAST TG2-93-DI -004 DATE 24 MAR 93 TIME 1242 GMT
LAT 03 00.0S LONG 179 59.7W WEATHER 1 SEA STATE 1
BAROMETER 12 WIND DIR 020 T SPD 05 KT VISIBILITY 7
CLOUD 9 AMOUNT 9 DRY 28.5 WET 26.4 DEPTH 5056 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.396 | 35.169 | 22.060 | 0.000 |
| 10 | 29.396 | 35.176 | 22.065 | 0.058 |
| 20 | 29.308 | 35.201 | 22.114 | 0.115 |
| 30 | 29.137 | 35.310 | 22.253 | 0.172 |
| 40 | 29.125 | 35.319 | 22.264 | 0.227 |
| 50 | 28.961 | 35.333 | 22.329 | 0.283 |
| 60 | 28.889 | 35.381 | 22.390 | 0.338 |
| 70 | 28.938 | 35.437 | 22.415 | 0.392 |
| 80 | 28.908 | 35.434 | 22.423 | 0.447 |
| 90 | 28.887 | 35.432 | 22.428 | 0.501 |
| 100 | 28.751 | 35.401 | 22.450 | 0.556 |
| 110 | 28.383 | 35.347 | 22.532 | 0.610 |
| 120 | 28.120 | 35.410 | 22.666 | 0.663 |
| 130 | 28.041 | 35.418 | 22.698 | 0.715 |
| 140 | 27.898 | 35.427 | 22.751 | 0.767 |
| 150 | 26.503 | 35.640 | 23.360 | 0.816 |
| 160 | 25.776 | 35.737 | 23.661 | 0.860 |
| 170 | 24.050 | 35.841 | 24.265 | 0.901 |
| 180 | 21.775 | 35.780 | 24.875 | 0.935 |
| 190 | 19.800 | 35.637 | 25.302 | 0.964 |
| 200 | 18.509 | 35.495 | 25.525 | 0.990 |
| 250 | 13.652 | 35.053 | 26.301 | 1.094 |
| 300 | 11.276 | 34.849 | 26.608 | 1.177 |
| 350 | 10.037 | 34.734 | 26.738 | 1.249 |
| 400 | 9.394 | 34.690 | 26.812 | 1.316 |
| 450 | 8.637 | 34.648 | 26.900 | 1.379 |
| 500 | 8.158 | 34.629 | 26.959 | 1.439 |
| 550 | 7.448 | 34.598 | 27.039 | 1.497 |
| 600 | 6.770 | 34.573 | 27.114 | 1.550 |
| 650 | 6.226 | 34.555 | 27.172 | 1.601 |
| 700 | 5.838 | 34.546 | 27.215 | 1.649 |
| 750 | 5.546 | 34.539 | 27.245 | 1.695 |
| 800 | 5.257 | 34.536 | 27.278 | 1.740 |
| 900 | 4.842 | 34.539 | 27.328 | 1.826 |
| 991 | 4.489 | 34.546 | 27.373 | 1.901 |

CAST TG2-93-DI -006 DATE 25 MAR 93 TIME 1110 GMT

LAT 00 59.5S LONG 179 59.8W

CAST TG2-93-DI -006 DATE 25 MAR 93 TIME 1110 GMT
LAT 00 59.5S LONG 179 59.8W WEATHER 0 SEA STATE 3
BAROMETER 12 WIND DIR 060 T SPD 06 KT VISIBILITY 8
CLOUD 9 AMOUNT 0 DRY 28.0 WET 26.8 DEPTH 5303 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.722 | 35.337 | 22.412 | 0.000 |
| 10 | 28.621 | 35.332 | 22.442 | 0.054 |
| 20 | 28.464 | 35.320 | 22.484 | 0.108 |
| 30 | 28.356 | 35.307 | 22.511 | 0.161 |
| 40 | 28.295 | 35.290 | 22.518 | 0.215 |
| 50 | 28.191 | 35.280 | 22.544 | 0.268 |
| 60 | 28.146 | 35.279 | 22.559 | 0.321 |
| 70 | 28.044 | 35.254 | 22.573 | 0.374 |
| 80 | 27.985 | 35.238 | 22.581 | 0.427 |
| 90 | 27.916 | 35.220 | 22.589 | 0.480 |
| 100 | 27.869 | 35.209 | 22.597 | 0.533 |
| 110 | 27.821 | 35.222 | 22.622 | 0.586 |
| 120 | 27.395 | 35.367 | 22.870 | 0.637 |
| 130 | 27.234 | 35.389 | 22.938 | 0.687 |
| 140 | 23.992 | 35.295 | 23.869 | 0.733 |
| 150 | 23.231 | 35.473 | 24.227 | 0.773 |
| 160 | 21.688 | 35.389 | 24.602 | 0.808 |
| 170 | 20.098 | 35.298 | 24.964 | 0.840 |
| 180 | 19.527 | 35.434 | 25.218 | 0.869 |
| 190 | 17.805 | 35.366 | 25.602 | 0.895 |
| 200 | 17.216 | 35.285 | 25.683 | 0.920 |
| 250 | 13.510 | 34.910 | 26.220 | 1.024 |
| 300 | 11.596 | 34.805 | 26.514 | 1.109 |
| 350 | 10.714 | 34.769 | 26.647 | 1.185 |
| 400 | 10.181 | 34.728 | 26.709 | 1.257 |
| 450 | 9.655 | 34.695 | 26.772 | 1.327 |
| 500 | 8.991 | 34.658 | 26.852 | 1.393 |
| 550 | 7.714 | 34.590 | 26.994 | 1.455 |
| 600 | 7.020 | 34.560 | 27.070 | 1.511 |
| 650 | 6.511 | 34.548 | 27.129 | 1.563 |
| 700 | 6.236 | 34.545 | 27.163 | 1.614 |
| 750 | 5.950 | 34.539 | 27.195 | 1.663 |
| 800 | 5.689 | 34.539 | 27.228 | 1.710 |
| 900 | 5.358 | 34.534 | 27.264 | 1.803 |
| 1000 | 4.497 | 34.545 | 27.372 | 1.887 |
| 1012 | 4.454 | 34.544 | 27.375 | 1.897 |

CAST TG2-93-DI -007 DATE 25 MAR 93 TIME 2135 GMT

LAT 00 00.2S LONG 179 59.9W

CAST TG2-93-DI -007 DATE 25 MAR 93 TIME 2135 GMT
LAT 00 00.2S LONG 179 59.9W WEATHER 1 SEA STATE 2
BAROMETER 12 WIND DIR 090 T SPD 09 KT VISIBILITY 7
CLOUD 2 AMOUNT 5 DRY 28.0 WET 26.8 DEPTH 5229 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.339 | 35.197 | 22.434 | 0.000 |
| 10 | 28.301 | 35.195 | 22.445 | 0.054 |
| 20 | 28.247 | 35.195 | 22.463 | 0.108 |
| 30 | 28.163 | 35.196 | 22.491 | 0.161 |
| 40 | 28.121 | 35.204 | 22.511 | 0.215 |
| 50 | 28.122 | 35.210 | 22.515 | 0.268 |
| 60 | 28.094 | 35.206 | 22.521 | 0.322 |
| 70 | 28.052 | 35.207 | 22.535 | 0.375 |
| 80 | 27.974 | 35.204 | 22.559 | 0.428 |
| 90 | 27.904 | 35.204 | 22.582 | 0.481 |
| 100 | 27.872 | 35.209 | 22.596 | 0.534 |
| 110 | 26.971 | 35.191 | 22.873 | 0.586 |
| 120 | 26.808 | 35.189 | 22.924 | 0.636 |
| 130 | 24.362 | 35.226 | 23.706 | 0.682 |
| 140 | 21.686 | 35.248 | 24.495 | 0.720 |
| 150 | 20.715 | 35.184 | 24.713 | 0.754 |
| 160 | 20.238 | 35.133 | 24.801 | 0.786 |
| 170 | 19.380 | 35.227 | 25.098 | 0.817 |
| 180 | 18.532 | 35.270 | 25.348 | 0.845 |
| 190 | 17.392 | 35.153 | 25.539 | 0.871 |
| 200 | 15.989 | 35.020 | 25.766 | 0.895 |
| 250 | 12.495 | 34.822 | 26.355 | 0.989 |
| 300 | 11.156 | 34.795 | 26.588 | 1.070 |
| 350 | 10.594 | 34.749 | 26.653 | 1.145 |
| 400 | 9.615 | 34.692 | 26.777 | 1.216 |
| 450 | 8.956 | 34.648 | 26.850 | 1.282 |
| 500 | 8.314 | 34.615 | 26.924 | 1.345 |
| 550 | 7.603 | 34.580 | 27.002 | 1.405 |
| 600 | 7.190 | 34.567 | 27.051 | 1.461 |
| 650 | 6.602 | 34.553 | 27.121 | 1.514 |
| 700 | 6.488 | 34.553 | 27.136 | 1.566 |
| 750 | 5.962 | 34.541 | 27.195 | 1.616 |
| 800 | 5.520 | 34.539 | 27.248 | 1.663 |
| 900 | 5.039 | 34.536 | 27.303 | 1.752 |
| 993 | 4.624 | 34.543 | 27.356 | 1.831 |

CAST TG2-93-DI -008 DATE 26 MAR 93 TIME 1108 GMT

LAT 00 59.6N LONG 179 59.7W

CAST TG2-93-DI -008 DATE 26 MAR 93 TIME 1108 GMT
LAT 00 59.6N LONG 179 59.7W WEATHER 1 SEA STATE 2
BAROMETER 11 WIND DIR 120 T SPD 10 KT VISIBILITY 8
CLOUD 9 AMOUNT 9 DRY 28.0 WET 26.5 DEPTH 5734 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.583 | 35.150 | 22.317 | 0.000 |
| 10 | 28.522 | 35.153 | 22.340 | 0.055 |
| 20 | 28.386 | 35.158 | 22.389 | 0.110 |
| 30 | 28.336 | 35.168 | 22.413 | 0.164 |
| 40 | 28.303 | 35.177 | 22.430 | 0.218 |
| 50 | 28.264 | 35.180 | 22.446 | 0.272 |
| 60 | 28.229 | 35.177 | 22.455 | 0.326 |
| 70 | 28.091 | 35.183 | 22.504 | 0.380 |
| 80 | 28.049 | 35.184 | 22.519 | 0.434 |
| 90 | 28.018 | 35.181 | 22.527 | 0.487 |
| 100 | 27.981 | 35.171 | 22.532 | 0.541 |
| 110 | 27.894 | 35.141 | 22.538 | 0.594 |
| 120 | 27.314 | 35.065 | 22.668 | 0.648 |
| 130 | 26.364 | 35.179 | 23.056 | 0.698 |
| 140 | 25.024 | 35.239 | 23.516 | 0.745 |
| 150 | 23.504 | 35.128 | 23.886 | 0.787 |
| 160 | 21.551 | 34.997 | 24.342 | 0.825 |
| 170 | 19.715 | 35.180 | 24.975 | 0.858 |
| 180 | 18.877 | 35.161 | 25.176 | 0.887 |
| 190 | 17.220 | 34.905 | 25.390 | 0.915 |
| 200 | 16.659 | 34.824 | 25.461 | 0.941 |
| 250 | 12.264 | 34.758 | 26.351 | 1.047 |
| 300 | 11.292 | 34.802 | 26.569 | 1.128 |
| 350 | 10.564 | 34.740 | 26.651 | 1.203 |
| 400 | 9.743 | 34.687 | 26.751 | 1.274 |
| 450 | 9.110 | 34.651 | 26.828 | 1.341 |
| 500 | 8.227 | 34.604 | 26.929 | 1.404 |
| 550 | 7.349 | 34.569 | 27.031 | 1.462 |
| 600 | 6.615 | 34.553 | 27.119 | 1.516 |
| 650 | 6.464 | 34.551 | 27.138 | 1.567 |
| 700 | 5.958 | 34.541 | 27.196 | 1.616 |
| 750 | 5.623 | 34.535 | 27.233 | 1.664 |
| 800 | 5.338 | 34.534 | 27.266 | 1.709 |
| 900 | 4.798 | 34.540 | 27.334 | 1.796 |
| 965 | 4.516 | 34.544 | 27.368 | 1.850 |

CAST TG2-93-DI -009 DATE 26 MAR 93 TIME 2200 GMT

LAT 01 58.6N LONG 179 46.3W

CAST TG2-93-DI -009 DATE 26 MAR 93 TIME 2200 GMT
LAT 01 58.6N LONG 179 46.3W WEATHER 2 SEA STATE 1
BAROMETER 11 WIND DIR 000 T SPD 00 KT VISIBILITY 7
CLOUD 8 AMOUNT 8 DRY 30.0 WET 27.0 DEPTH 5413 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.497 | 35.077 | 22.291 | 0.000 |
| 10 | 28.489 | 35.077 | 22.294 | 0.055 |
| 20 | 28.485 | 35.078 | 22.296 | 0.111 |
| 30 | 28.478 | 35.080 | 22.300 | 0.166 |
| 40 | 28.469 | 35.083 | 22.305 | 0.221 |
| 50 | 28.465 | 35.087 | 22.309 | 0.277 |
| 60 | 28.454 | 35.105 | 22.327 | 0.332 |
| 70 | 28.451 | 35.114 | 22.335 | 0.387 |
| 80 | 28.449 | 35.116 | 22.337 | 0.443 |
| 90 | 28.443 | 35.115 | 22.338 | 0.498 |
| 100 | 28.220 | 35.094 | 22.395 | 0.553 |
| 110 | 27.318 | 35.069 | 22.670 | 0.607 |
| 120 | 26.941 | 35.057 | 22.782 | 0.658 |
| 130 | 26.261 | 35.044 | 22.987 | 0.709 |
| 140 | 23.649 | 34.948 | 23.707 | 0.756 |
| 150 | 22.830 | 34.983 | 23.971 | 0.797 |
| 160 | 21.380 | 34.935 | 24.342 | 0.835 |
| 170 | 19.076 | 34.810 | 24.858 | 0.869 |
| 180 | 17.730 | 34.783 | 25.173 | 0.899 |
| 190 | 16.483 | 34.756 | 25.450 | 0.926 |
| 200 | 13.743 | 34.609 | 25.939 | 0.950 |
| 250 | 11.637 | 34.759 | 26.471 | 1.038 |
| 300 | 11.010 | 34.768 | 26.593 | 1.116 |
| 350 | 10.546 | 34.738 | 26.653 | 1.190 |
| 400 | 10.046 | 34.706 | 26.715 | 1.262 |
| 450 | 9.472 | 34.672 | 26.785 | 1.331 |
| 500 | 8.812 | 34.628 | 26.857 | 1.397 |
| 550 | 7.995 | 34.597 | 26.958 | 1.458 |
| 600 | 6.996 | 34.564 | 27.076 | 1.515 |
| 650 | 6.466 | 34.547 | 27.134 | 1.568 |
| 700 | 6.106 | 34.543 | 27.178 | 1.618 |
| 750 | 5.768 | 34.541 | 27.219 | 1.666 |
| 800 | 5.554 | 34.539 | 27.244 | 1.712 |
| 900 | 4.961 | 34.539 | 27.315 | 1.802 |
| 992 | 4.450 | 34.548 | 27.379 | 1.878 |

CAST TG2-93-DI -010 DATE 28 MAR 93 TIME 0727 GMT

LAT 05 02.6N LONG 179 51.9W

CAST TG2-93-DI -010 DATE 28 MAR 93 TIME 0727 GMT
LAT 05 02.6N LONG 179 51.9W WEATHER 0 SEA STATE 4
BAROMETER 10 WIND DIR 055 T SPD 13 KT VISIBILITY 7
CLOUD 0 AMOUNT 0 DRY 28.5 WET 27.0 DEPTH 5507 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.959 | 34.639 | 21.809 | 0.000 |
| 10 | 28.966 | 34.652 | 21.816 | 0.060 |
| 20 | 28.953 | 34.683 | 21.844 | 0.120 |
| 30 | 28.915 | 34.691 | 21.863 | 0.179 |
| 40 | 28.889 | 34.689 | 21.870 | 0.239 |
| 50 | 28.790 | 34.700 | 21.911 | 0.298 |
| 60 | 28.421 | 34.839 | 22.138 | 0.357 |
| 70 | 28.029 | 34.999 | 22.386 | 0.413 |
| 80 | 27.752 | 35.028 | 22.498 | 0.467 |
| 90 | 26.624 | 35.003 | 22.841 | 0.520 |
| 100 | 25.974 | 34.995 | 23.040 | 0.570 |
| 110 | 25.460 | 34.982 | 23.189 | 0.617 |
| 120 | 24.927 | 34.971 | 23.343 | 0.664 |
| 130 | 24.275 | 34.941 | 23.517 | 0.709 |
| 140 | 23.176 | 34.896 | 23.805 | 0.752 |
| 150 | 21.913 | 34.905 | 24.171 | 0.793 |
| 160 | 19.962 | 34.784 | 24.608 | 0.829 |
| 170 | 18.855 | 34.734 | 24.856 | 0.861 |
| 180 | 17.393 | 34.683 | 25.178 | 0.892 |
| 190 | 15.775 | 34.647 | 25.528 | 0.918 |
| 200 | 14.562 | 34.618 | 25.773 | 0.942 |
| 250 | 10.478 | 34.579 | 26.541 | 1.036 |
| 300 | 9.611 | 34.624 | 26.725 | 1.108 |
| 350 | 8.996 | 34.617 | 26.819 | 1.174 |
| 400 | 8.588 | 34.609 | 26.877 | 1.238 |
| 450 | 8.182 | 34.597 | 26.930 | 1.299 |
| 491 | 7.910 | 34.590 | 26.966 | 1.347 |

CAST TG2-93-DI -011 DATE 29 MAR 93 TIME 0058 GMT

LAT 08 02.1N LONG 179 56.1W

CAST TG2-93-DI -011 DATE 29 MAR 93 TIME 0058 GMT
LAT 08 02.1N LONG 179 56.1W WEATHER 1 SEA STATE 6
BAROMETER 09 WIND DIR 070 T SPD 18 KT VISIBILITY 6
CLOUD 7 AMOUNT 5 DRY 30.0 WET 27.8 DEPTH 5921 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.530 | 34.231 | 21.971 | 0.000 |
| 10 | 27.476 | 34.232 | 21.989 | 0.058 |
| 20 | 27.465 | 34.235 | 21.995 | 0.117 |
| 30 | 27.459 | 34.236 | 21.998 | 0.175 |
| 40 | 27.458 | 34.237 | 21.999 | 0.233 |
| 50 | 27.456 | 34.240 | 22.001 | 0.292 |
| 60 | 27.466 | 34.246 | 22.003 | 0.350 |
| 70 | 27.509 | 34.302 | 22.031 | 0.408 |
| 80 | 25.637 | 34.478 | 22.754 | 0.464 |
| 90 | 22.551 | 34.810 | 23.920 | 0.509 |
| 100 | 19.613 | 34.821 | 24.728 | 0.544 |
| 110 | 17.648 | 34.667 | 25.104 | 0.576 |
| 120 | 15.349 | 34.610 | 25.595 | 0.602 |
| 130 | 14.585 | 34.585 | 25.742 | 0.626 |
| 140 | 14.264 | 34.587 | 25.813 | 0.648 |
| 150 | 13.302 | 34.569 | 25.999 | 0.669 |
| 160 | 12.185 | 34.488 | 26.157 | 0.689 |
| 170 | 11.922 | 34.540 | 26.247 | 0.707 |
| 180 | 11.595 | 34.569 | 26.331 | 0.725 |
| 190 | 11.220 | 34.587 | 26.414 | 0.742 |
| 200 | 10.942 | 34.603 | 26.477 | 0.758 |
| 250 | 10.020 | 34.646 | 26.672 | 0.833 |
| 300 | 9.468 | 34.637 | 26.758 | 0.902 |
| 350 | 9.056 | 34.621 | 26.813 | 0.968 |
| 400 | 8.676 | 34.603 | 26.858 | 1.032 |
| 450 | 8.257 | 34.585 | 26.909 | 1.094 |
| 494 | 7.810 | 34.570 | 26.965 | 1.147 |

CAST TG2-93-DI -012 DATE 01 APR 93 TIME 1714 GMT

LAT 00 00.1N LONG 169 59.5W

CAST TG2-93-DI -012 DATE 01 APR 93 TIME 1714 GMT
LAT 00 00.1N LONG 169 59.5W WEATHER 1 SEA STATE 1
BAROMETER 07 WIND DIR 100 T SPD 04 KT VISIBILITY 8
CLOUD 2 AMOUNT 6 DRY 27.7 WET 26.3 DEPTH 5468 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.188 | 35.011 | 22.344 | 0.000 |
| 10 | 28.184 | 35.012 | 22.346 | 0.055 |
| 20 | 28.069 | 35.019 | 22.388 | 0.110 |
| 30 | 27.858 | 35.046 | 22.477 | 0.164 |
| 40 | 27.781 | 35.179 | 22.603 | 0.217 |
| 50 | 27.786 | 35.239 | 22.646 | 0.269 |
| 60 | 27.864 | 35.285 | 22.655 | 0.321 |
| 70 | 27.915 | 35.333 | 22.675 | 0.373 |
| 80 | 26.980 | 35.266 | 22.926 | 0.424 |
| 90 | 26.732 | 35.232 | 22.980 | 0.473 |
| 100 | 26.648 | 35.216 | 22.995 | 0.522 |
| 110 | 26.607 | 35.228 | 23.017 | 0.571 |
| 120 | 25.659 | 35.201 | 23.293 | 0.619 |
| 130 | 22.969 | 35.033 | 23.969 | 0.663 |
| 140 | 20.478 | 35.108 | 24.719 | 0.698 |
| 150 | 20.108 | 35.223 | 24.904 | 0.730 |
| 160 | 19.546 | 35.187 | 25.025 | 0.760 |
| 170 | 18.505 | 35.085 | 25.212 | 0.789 |
| 180 | 17.650 | 35.027 | 25.380 | 0.817 |
| 190 | 17.274 | 35.031 | 25.474 | 0.843 |
| 200 | 16.701 | 35.151 | 25.702 | 0.867 |
| 250 | 12.761 | 34.893 | 26.358 | 0.968 |
| 300 | 11.577 | 34.806 | 26.519 | 1.049 |
| 350 | 10.702 | 34.753 | 26.637 | 1.126 |
| 400 | 9.596 | 34.686 | 26.775 | 1.196 |
| 450 | 8.690 | 34.633 | 26.880 | 1.261 |
| 500 | 7.880 | 34.590 | 26.970 | 1.321 |
| 550 | 7.416 | 34.570 | 27.022 | 1.379 |
| 600 | 7.094 | 34.560 | 27.060 | 1.434 |
| 650 | 6.870 | 34.557 | 27.088 | 1.488 |
| 700 | 6.121 | 34.542 | 27.175 | 1.540 |
| 750 | 5.538 | 34.536 | 27.243 | 1.588 |
| 800 | 5.284 | 34.534 | 27.273 | 1.633 |
| 900 | 4.972 | 34.536 | 27.311 | 1.720 |
| 990 | 4.522 | 34.544 | 27.368 | 1.796 |

CAST TG2-93-DI -013 DATE 02 APR 93 TIME 0756 GMT

LAT 01 00.8N LONG 170 00.2W

CAST TG2-93-DI -013 DATE 02 APR 93 TIME 0756 GMT
LAT 01 00.8N LONG 170 00.2W WEATHER 0 SEA STATE 3
BAROMETER 09 WIND DIR 130 T SPD 11 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 28.4 WET 26.0 DEPTH 5416 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.384 | 34.966 | 22.245 | 0.000 |
| 10 | 28.354 | 34.966 | 22.256 | 0.056 |
| 20 | 28.168 | 34.985 | 22.330 | 0.111 |
| 30 | 27.992 | 35.012 | 22.409 | 0.166 |
| 40 | 27.747 | 35.053 | 22.519 | 0.220 |
| 50 | 27.561 | 35.122 | 22.631 | 0.273 |
| 60 | 27.514 | 35.202 | 22.707 | 0.324 |
| 70 | 27.346 | 35.203 | 22.761 | 0.376 |
| 80 | 27.229 | 35.179 | 22.781 | 0.427 |
| 90 | 27.231 | 35.210 | 22.804 | 0.478 |
| 100 | 26.782 | 35.177 | 22.923 | 0.528 |
| 110 | 24.031 | 34.943 | 23.591 | 0.575 |
| 120 | 21.027 | 34.965 | 24.461 | 0.614 |
| 130 | 19.836 | 34.919 | 24.744 | 0.647 |
| 140 | 18.661 | 34.866 | 25.006 | 0.679 |
| 150 | 18.168 | 34.892 | 25.149 | 0.708 |
| 160 | 17.225 | 34.884 | 25.373 | 0.736 |
| 170 | 15.307 | 34.726 | 25.694 | 0.761 |
| 180 | 14.879 | 34.753 | 25.809 | 0.783 |
| 190 | 14.577 | 34.780 | 25.895 | 0.805 |
| 200 | 14.220 | 34.747 | 25.946 | 0.827 |
| 250 | 11.497 | 34.797 | 26.527 | 0.916 |
| 300 | 11.083 | 34.773 | 26.584 | 0.993 |
| 350 | 10.268 | 34.715 | 26.684 | 1.067 |
| 400 | 9.550 | 34.671 | 26.771 | 1.137 |
| 450 | 8.617 | 34.626 | 26.886 | 1.202 |
| 500 | 7.755 | 34.585 | 26.984 | 1.261 |
| 550 | 6.991 | 34.559 | 27.073 | 1.317 |
| 600 | 6.829 | 34.559 | 27.095 | 1.370 |
| 650 | 6.155 | 34.546 | 27.174 | 1.421 |
| 700 | 5.697 | 34.538 | 27.225 | 1.469 |
| 750 | 5.517 | 34.536 | 27.246 | 1.515 |
| 800 | 5.281 | 34.535 | 27.274 | 1.560 |
| 900 | 4.827 | 34.538 | 27.329 | 1.647 |
| 992 | 4.512 | 34.545 | 27.369 | 1.723 |

CAST TG2-93-DI -014 DATE 02 APR 93 TIME 1337 GMT

LAT 01 59.5N LONG 169 59.5W

CAST TG2-93-DI -014 DATE 02 APR 93 TIME 1337 GMT
LAT 01 59.5N LONG 169 59.5W WEATHER 6 SEA STATE 3
BAROMETER 07 WIND DIR 120 T SPD 05 KT VISIBILITY 8
CLOUD 8 AMOUNT 6 DRY 26.5 WET 26.0 DEPTH 5365 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.317 | 34.977 | 22.276 | 0.000 |
| 10 | 28.324 | 34.977 | 22.273 | 0.056 |
| 20 | 28.304 | 34.982 | 22.283 | 0.111 |
| 30 | 28.260 | 34.989 | 22.304 | 0.166 |
| 40 | 28.196 | 35.000 | 22.333 | 0.222 |
| 50 | 28.137 | 35.015 | 22.363 | 0.277 |
| 60 | 28.060 | 35.017 | 22.390 | 0.332 |
| 70 | 27.661 | 35.019 | 22.522 | 0.386 |
| 80 | 27.503 | 35.037 | 22.586 | 0.439 |
| 90 | 27.306 | 35.060 | 22.667 | 0.492 |
| 100 | 26.968 | 35.058 | 22.773 | 0.543 |
| 110 | 25.886 | 34.981 | 23.056 | 0.593 |
| 120 | 24.547 | 34.936 | 23.431 | 0.640 |
| 130 | 23.858 | 34.917 | 23.622 | 0.684 |
| 140 | 22.321 | 34.906 | 24.057 | 0.725 |
| 150 | 20.702 | 34.873 | 24.479 | 0.761 |
| 160 | 19.440 | 34.847 | 24.793 | 0.795 |
| 170 | 18.102 | 34.809 | 25.102 | 0.826 |
| 180 | 16.303 | 34.742 | 25.480 | 0.853 |
| 190 | 15.243 | 34.690 | 25.680 | 0.878 |
| 200 | 13.145 | 34.634 | 26.081 | 0.900 |
| 250 | 10.972 | 34.731 | 26.571 | 0.984 |
| 300 | 10.570 | 34.733 | 26.645 | 1.058 |
| 350 | 10.334 | 34.727 | 26.681 | 1.131 |
| 400 | 9.805 | 34.690 | 26.744 | 1.201 |
| 450 | 9.076 | 34.649 | 26.831 | 1.267 |
| 500 | 7.964 | 34.600 | 26.966 | 1.330 |
| 550 | 7.033 | 34.564 | 27.071 | 1.385 |
| 600 | 6.609 | 34.557 | 27.124 | 1.438 |
| 650 | 6.350 | 34.552 | 27.153 | 1.489 |
| 700 | 6.090 | 34.547 | 27.183 | 1.538 |
| 750 | 5.871 | 34.544 | 27.208 | 1.586 |
| 800 | 5.577 | 34.538 | 27.240 | 1.633 |
| 900 | 5.002 | 34.539 | 27.309 | 1.723 |
| 993 | 4.538 | 34.546 | 27.368 | 1.801 |

CAST TG2-93-DI -015 DATE 02 APR 93 TIME 1938 GMT

LAT 02 59.8N LONG 169 59.9W

CAST TG2-93-DI -015 DATE 02 APR 93 TIME 1938 GMT
LAT 02 59.8N LONG 169 59.9W WEATHER 2 SEA STATE 4
BAROMETER 09 WIND DIR 110 T SPD 15 KT VISIBILITY 6
CLOUD 4 AMOUNT 6 DRY 26.2 WET 25.5 DEPTH 5430 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.383 | 34.783 | 22.108 | 0.000 |
| 10 | 28.387 | 34.785 | 22.108 | 0.057 |
| 20 | 28.439 | 34.830 | 22.125 | 0.114 |
| 30 | 28.464 | 34.854 | 22.135 | 0.171 |
| 40 | 28.465 | 34.858 | 22.137 | 0.228 |
| 50 | 28.450 | 34.871 | 22.152 | 0.285 |
| 60 | 28.396 | 34.883 | 22.179 | 0.342 |
| 70 | 28.362 | 34.913 | 22.212 | 0.398 |
| 80 | 28.301 | 34.921 | 22.239 | 0.455 |
| 90 | 27.278 | 35.025 | 22.650 | 0.509 |
| 100 | 26.995 | 35.037 | 22.750 | 0.560 |
| 110 | 26.180 | 34.992 | 22.973 | 0.611 |
| 120 | 24.407 | 34.837 | 23.399 | 0.659 |
| 130 | 22.985 | 34.838 | 23.817 | 0.702 |
| 140 | 21.705 | 34.905 | 24.229 | 0.742 |
| 150 | 20.917 | 34.897 | 24.439 | 0.778 |
| 160 | 19.051 | 34.832 | 24.881 | 0.812 |
| 170 | 17.534 | 34.789 | 25.225 | 0.841 |
| 180 | 15.290 | 34.669 | 25.654 | 0.867 |
| 190 | 13.960 | 34.629 | 25.909 | 0.889 |
| 200 | 13.349 | 34.623 | 26.031 | 0.910 |
| 250 | 11.249 | 34.584 | 26.407 | 1.003 |
| 300 | 10.368 | 34.677 | 26.637 | 1.081 |
| 350 | 9.680 | 34.671 | 26.750 | 1.151 |
| 400 | 9.280 | 34.662 | 26.808 | 1.218 |
| 450 | 8.759 | 34.631 | 26.868 | 1.282 |
| 500 | 8.367 | 34.619 | 26.919 | 1.345 |
| 550 | 7.607 | 34.585 | 27.006 | 1.404 |
| 600 | 6.942 | 34.566 | 27.085 | 1.459 |
| 650 | 6.432 | 34.554 | 27.144 | 1.511 |
| 700 | 6.035 | 34.545 | 27.189 | 1.561 |
| 750 | 5.666 | 34.540 | 27.231 | 1.608 |
| 800 | 5.339 | 34.538 | 27.269 | 1.654 |
| 900 | 4.826 | 34.543 | 27.333 | 1.741 |
| 989 | 4.427 | 34.550 | 27.383 | 1.813 |

CAST TG2-93-DI -016 DATE 03 APR 93 TIME 0132 GMT

LAT 03 59.0N LONG 169 59.9W

CAST TG2-93-DI -016 DATE 03 APR 93 TIME 0132 GMT
LAT 03 59.0N LONG 169 59.9W WEATHER 2 SEA STATE 4
BAROMETER 07 WIND DIR 000 T SPD 00 KT VISIBILITY 6
CLOUD 8 AMOUNT 8 DRY 28.5 WET 26.0 DEPTH 5640 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.336 | 34.762 | 22.108 | 0.000 |
| 10 | 28.291 | 34.757 | 22.119 | 0.057 |
| 20 | 28.277 | 34.760 | 22.126 | 0.114 |
| 30 | 28.295 | 34.777 | 22.133 | 0.171 |
| 40 | 28.309 | 34.790 | 22.138 | 0.228 |
| 50 | 28.332 | 34.814 | 22.149 | 0.285 |
| 60 | 28.357 | 34.847 | 22.165 | 0.342 |
| 70 | 28.320 | 34.861 | 22.188 | 0.399 |
| 80 | 27.889 | 34.956 | 22.400 | 0.455 |
| 90 | 27.181 | 35.033 | 22.687 | 0.508 |
| 100 | 25.895 | 34.852 | 22.956 | 0.558 |
| 110 | 25.330 | 34.837 | 23.119 | 0.607 |
| 120 | 24.787 | 34.896 | 23.329 | 0.654 |
| 130 | 23.891 | 34.858 | 23.568 | 0.699 |
| 140 | 22.481 | 34.787 | 23.922 | 0.741 |
| 150 | 20.421 | 34.762 | 24.470 | 0.779 |
| 160 | 18.126 | 34.745 | 25.047 | 0.811 |
| 170 | 16.738 | 34.745 | 25.381 | 0.839 |
| 180 | 15.183 | 34.637 | 25.653 | 0.864 |
| 190 | 13.511 | 34.588 | 25.971 | 0.886 |
| 200 | 12.701 | 34.585 | 26.131 | 0.906 |
| 250 | 10.120 | 34.609 | 26.626 | 0.990 |
| 300 | 9.492 | 34.607 | 26.731 | 1.060 |
| 350 | 8.955 | 34.596 | 26.809 | 1.127 |
| 400 | 8.775 | 34.624 | 26.860 | 1.191 |
| 450 | 8.256 | 34.606 | 26.926 | 1.253 |
| 500 | 7.890 | 34.591 | 26.970 | 1.313 |
| 550 | 7.234 | 34.571 | 27.048 | 1.369 |
| 600 | 6.721 | 34.556 | 27.107 | 1.423 |
| 650 | 6.278 | 34.549 | 27.161 | 1.474 |
| 700 | 5.865 | 34.542 | 27.208 | 1.522 |
| 750 | 5.516 | 34.539 | 27.249 | 1.569 |
| 800 | 5.240 | 34.539 | 27.282 | 1.614 |
| 900 | 4.769 | 34.544 | 27.340 | 1.699 |
| 990 | 4.412 | 34.552 | 27.386 | 1.772 |

CAST TG2-93-DI -017 DATE 03 APR 93 TIME 1348 GMT

LAT 05 01.9N LONG 170 01.4W

CAST TG2-93-DI -017 DATE 03 APR 93 TIME 1348 GMT
LAT 05 01.9N LONG 170 01.4W WEATHER 1 SEA STATE 3
BAROMETER 08 WIND DIR 000 T SPD 10 KT VISIBILITY 8
CLOUD 9 AMOUNT 4 DRY 27.0 WET 26.0 DEPTH 5663 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.118 | 34.895 | 22.279 | 0.000 |
| 10 | 28.116 | 34.895 | 22.280 | 0.055 |
| 20 | 28.112 | 34.895 | 22.281 | 0.111 |
| 30 | 28.117 | 34.897 | 22.281 | 0.167 |
| 40 | 28.152 | 34.926 | 22.291 | 0.222 |
| 50 | 28.156 | 34.948 | 22.306 | 0.278 |
| 60 | 28.149 | 34.954 | 22.313 | 0.333 |
| 70 | 28.151 | 34.963 | 22.319 | 0.388 |
| 80 | 25.972 | 34.830 | 22.916 | 0.442 |
| 90 | 25.205 | 34.821 | 23.145 | 0.491 |
| 100 | 24.200 | 34.784 | 23.420 | 0.538 |
| 110 | 22.534 | 34.807 | 23.922 | 0.581 |
| 120 | 21.022 | 34.779 | 24.321 | 0.619 |
| 130 | 19.445 | 34.756 | 24.722 | 0.653 |
| 140 | 18.570 | 34.746 | 24.937 | 0.684 |
| 150 | 16.198 | 34.666 | 25.446 | 0.712 |
| 160 | 15.219 | 34.639 | 25.647 | 0.737 |
| 170 | 15.075 | 34.636 | 25.676 | 0.761 |
| 180 | 14.289 | 34.617 | 25.831 | 0.784 |
| 190 | 13.077 | 34.569 | 26.044 | 0.805 |
| 200 | 12.293 | 34.577 | 26.205 | 0.824 |
| 250 | 10.127 | 34.651 | 26.658 | 0.903 |
| 300 | 9.357 | 34.643 | 26.781 | 0.971 |
| 350 | 9.002 | 34.633 | 26.831 | 1.036 |
| 400 | 8.560 | 34.617 | 26.888 | 1.099 |
| 450 | 8.193 | 34.604 | 26.934 | 1.160 |
| 500 | 7.652 | 34.583 | 26.998 | 1.218 |
| 550 | 7.247 | 34.572 | 27.048 | 1.274 |
| 600 | 6.769 | 34.558 | 27.102 | 1.328 |
| 650 | 6.398 | 34.549 | 27.145 | 1.379 |
| 700 | 5.957 | 34.541 | 27.195 | 1.429 |
| 750 | 5.629 | 34.539 | 27.235 | 1.476 |
| 800 | 5.372 | 34.540 | 27.267 | 1.522 |
| 900 | 4.773 | 34.547 | 27.342 | 1.608 |
| 990 | 4.374 | 34.555 | 27.393 | 1.680 |

CAST TG2-93-DI -018 DATE 04 APR 93 TIME 2147 GMT

LAT 08 00.6N LONG 169 59.7W

CAST TG2-93-DI -018 DATE 04 APR 93 TIME 2147 GMT
LAT 08 00.6N LONG 169 59.7W WEATHER 0 SEA STATE 5
BAROMETER 10 WIND DIR 050 T SPD 21 KT VISIBILITY 7
CLOUD 8 AMOUNT 3 DRY 28.4 WET 26.0 DEPTH 5457 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.629 | 34.495 | 22.137 | 0.000 |
| 10 | 27.611 | 34.494 | 22.143 | 0.057 |
| 20 | 27.607 | 34.495 | 22.145 | 0.114 |
| 30 | 27.608 | 34.496 | 22.145 | 0.170 |
| 40 | 27.608 | 34.497 | 22.146 | 0.227 |
| 50 | 27.607 | 34.497 | 22.146 | 0.284 |
| 60 | 27.605 | 34.497 | 22.147 | 0.341 |
| 70 | 27.600 | 34.498 | 22.149 | 0.398 |
| 80 | 27.571 | 34.500 | 22.160 | 0.455 |
| 90 | 26.205 | 34.629 | 22.691 | 0.511 |
| 100 | 22.353 | 34.767 | 23.943 | 0.555 |
| 110 | 19.552 | 34.726 | 24.671 | 0.592 |
| 120 | 18.732 | 34.729 | 24.883 | 0.624 |
| 130 | 17.466 | 34.675 | 25.154 | 0.654 |
| 140 | 16.006 | 34.600 | 25.439 | 0.681 |
| 150 | 14.939 | 34.606 | 25.682 | 0.706 |
| 160 | 14.327 | 34.599 | 25.809 | 0.728 |
| 170 | 13.235 | 34.594 | 26.032 | 0.750 |
| 180 | 12.085 | 34.581 | 26.248 | 0.769 |
| 190 | 11.635 | 34.606 | 26.353 | 0.786 |
| 200 | 11.497 | 34.647 | 26.410 | 0.803 |
| 250 | 10.522 | 34.675 | 26.608 | 0.880 |
| 300 | 9.980 | 34.668 | 26.696 | 0.952 |
| 350 | 9.528 | 34.653 | 26.760 | 1.021 |
| 400 | 9.003 | 34.627 | 26.826 | 1.088 |
| 450 | 8.591 | 34.608 | 26.876 | 1.151 |
| 500 | 8.078 | 34.581 | 26.934 | 1.213 |
| 550 | 7.427 | 34.558 | 27.011 | 1.272 |
| 600 | 6.865 | 34.541 | 27.076 | 1.327 |
| 650 | 6.412 | 34.536 | 27.133 | 1.379 |
| 700 | 5.995 | 34.528 | 27.181 | 1.429 |
| 750 | 5.681 | 34.530 | 27.222 | 1.477 |
| 800 | 5.331 | 34.532 | 27.265 | 1.523 |
| 900 | 4.796 | 34.541 | 27.335 | 1.610 |
| 994 | 4.458 | 34.549 | 27.379 | 1.687 |

CAST TG2-93-DI -001 LAT 07 57.2S LONG 179 59.3W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 29.311 | 34.106 | 0.00 | 29.311 | 21.291 |
| 0. | 29.303 | 34.106 | 0.00 | 29.303 | 21.294 |
| 144. | 26.365 | 35.843 | 0.00 | 26.332 | 23.567 |
| 293. | 14.493 | 34.139 | 0.00 | 14.450 | 25.428 |
| 491. | 7.992 | 34.610 | 0.00 | 7.942 | 26.976 |
| 691. | 6.058 | 34.526 | 0.00 | 5.996 | 27.179 |
| 892. | 4.954 | 34.521 | 0.00 | 4.881 | 27.309 |
| 990. | 4.466 | 34.533 | 0.00 | 4.388 | 27.374 |
| 988. | 4.472 | 34.532 | 0.00 | 4.394 | 27.372 |

CAST TG2-93-DI -002 LAT 04 56.3S LONG 179 50.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 1. | 29.424 | 34.837 | 0.00 | 29.424 | 21.802 |
| 1. | 29.435 | 34.836 | 0.00 | 29.435 | 21.797 |
| 143. | 27.222 | 35.549 | 0.00 | 27.189 | 23.073 |
| 291. | 13.318 | 35.037 | 0.00 | 13.277 | 26.366 |
| 492. | 8.690 | 34.658 | 0.00 | 8.637 | 26.908 |
| 691. | 6.400 | 34.549 | 0.00 | 6.337 | 27.153 |
| 890. | 5.126 | 34.536 | 0.00 | 5.052 | 27.302 |
| 989. | 4.416 | 34.544 | 0.00 | 4.338 | 27.388 |
| 990. | 4.414 | 34.542 | 0.00 | 4.336 | 27.387 |

CAST TG2-93-DI -003 LAT 03 59.9S LONG 179 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 29.683 | 34.949 | 0.00 | 29.682 | 21.798 |
| 3. | 29.683 | 34.946 | 0.00 | 29.682 | 21.797 |
| 143. | 27.789 | 35.391 | 0.00 | 27.755 | 22.771 |
| 292. | 11.613 | 34.880 | 0.00 | 11.576 | 26.577 |
| 491. | 8.326 | 34.643 | 0.00 | 8.274 | 26.952 |
| 691. | 6.254 | 34.549 | 0.00 | 6.191 | 27.172 |
| 890. | 4.882 | 34.541 | 0.00 | 4.809 | 27.333 |
| 989. | 4.478 | 34.548 | 0.00 | 4.400 | 27.384 |
| 989. | 4.478 | 34.546 | 0.00 | 4.400 | 27.383 |

CAST TG2-93-DI -004 LAT 03 00.0S LONG 179 59.7W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 8. | 29.420 | 35.185 | 0.00 | 29.418 | 22.065 |
| 8. | 29.417 | 35.185 | 0.00 | 29.415 | 22.066 |
| 292. | 12.223 | 34.933 | 0.00 | 12.184 | 26.502 |
| 492. | 8.334 | 34.643 | 0.00 | 8.282 | 26.951 |
| 690. | 5.905 | 34.554 | 0.00 | 5.844 | 27.220 |
| 889. | 4.920 | 34.548 | 0.00 | 4.847 | 27.335 |
| 989. | 4.566 | 34.555 | 0.00 | 4.487 | 27.380 |

CAST TG2-93-DI -005 LAT 02 01.6S LONG 179 49.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 29.049 | 35.378 | 0.00 | 29.048 | 22.334 |
| 3. | 29.097 | 35.376 | 0.00 | 29.096 | 22.317 |
| 143. | 27.180 | 35.424 | 0.00 | 27.147 | 22.992 |
| 293. | 11.660 | 34.840 | 0.00 | 11.622 | 26.537 |
| 492. | 8.605 | 34.645 | 0.00 | 8.552 | 26.911 |
| 689. | 6.048 | 34.548 | 0.00 | 5.987 | 27.197 |
| 889. | 4.799 | 34.546 | 0.00 | 4.727 | 27.346 |
| 990. | 4.285 | 34.556 | 0.00 | 4.208 | 27.411 |
| 990. | 4.287 | 34.557 | 0.00 | 4.210 | 27.412 |

CAST TG2-93-DI -006 LAT 00 59.5S LONG 179 59.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 6. | 28.646 | 35.353 | 0.00 | 28.645 | 22.450 |
| 143. | 24.089 | 35.329 | 0.00 | 24.059 | 23.875 |
| 292. | 12.012 | 34.854 | 0.00 | 11.974 | 26.481 |
| 491. | 9.320 | 34.691 | 0.00 | 9.265 | 26.834 |
| 691. | 6.455 | 34.563 | 0.00 | 6.391 | 27.157 |
| 889. | 5.467 | 34.544 | 0.00 | 5.390 | 27.268 |
| 989. | 4.589 | 34.561 | 0.00 | 4.510 | 27.382 |
| 988. | 4.590 | 34.554 | 0.00 | 4.511 | 27.377 |

CAST TG2-93-DI -007 LAT 00 00.2S LONG 179 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 28.409 | 35.215 | 0.00 | 28.409 | 22.425 |
| 2. | 28.417 | 35.214 | 0.00 | 28.417 | 22.421 |
| 143. | 21.276 | 35.257 | 0.00 | 21.248 | 24.623 |
| 293. | 11.793 | 34.817 | 0.00 | 11.755 | 26.494 |
| 490. | 8.306 | 34.630 | 0.00 | 8.255 | 26.945 |
| 689. | 6.355 | 34.554 | 0.00 | 6.292 | 27.163 |
| 891. | 5.102 | 34.549 | 0.00 | 5.028 | 27.315 |
| 988. | 4.699 | 34.555 | 0.00 | 4.619 | 27.365 |
| 989. | 4.700 | 34.553 | 0.00 | 4.620 | 27.364 |

CAST TG2-93-DI -008 LAT 00 59.6N LONG 179 59.7W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 28.472 | 35.165 | 0.00 | 28.472 | 22.366 |
| 2. | 28.472 | 35.166 | 0.00 | 28.472 | 22.367 |
| 143. | 23.254 | 35.184 | 0.00 | 23.224 | 24.010 |
| 292. | 11.427 | 34.821 | 0.00 | 11.390 | 26.565 |
| 492. | 8.489 | 34.626 | 0.00 | 8.437 | 26.914 |
| 691. | 6.130 | 34.557 | 0.00 | 6.068 | 27.195 |
| 889. | 4.891 | 34.550 | 0.00 | 4.818 | 27.340 |
| 989. | 4.570 | 34.555 | 0.00 | 4.491 | 27.380 |
| 989. | 4.569 | 34.558 | 0.00 | 4.490 | 27.382 |

CAST TG2-93-DI -009 LAT 01 58.6N LONG 179 46.3W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 28.570 | 35.089 | 0.00 | 28.569 | 22.276 |
| 2. | 28.561 | 35.092 | 0.00 | 28.561 | 22.281 |
| 144. | 25.666 | 35.006 | 0.00 | 25.634 | 23.154 |
| 292. | 11.086 | 34.781 | 0.00 | 11.050 | 26.596 |
| 489. | 8.846 | 34.638 | 0.00 | 8.793 | 26.868 |
| 690. | 6.262 | 34.556 | 0.00 | 6.199 | 27.177 |
| 889. | 5.089 | 34.547 | 0.00 | 5.015 | 27.315 |
| 989. | 4.529 | 34.558 | 0.00 | 4.450 | 27.387 |
| 989. | 4.530 | 34.558 | 0.00 | 4.451 | 27.387 |

CAST TG2-93-DI -011 LAT 08 02.1N LONG 179 56.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 27.535 | 34.251 | 0.00 | 27.535 | 21.985 |
| 20. | 27.469 | 34.249 | 0.00 | 27.464 | 22.006 |
| 44. | 27.465 | 34.255 | 0.00 | 27.455 | 22.013 |
| 71. | 27.532 | 34.306 | 0.00 | 27.516 | 22.032 |
| 94. | 20.901 | 34.823 | 0.00 | 20.883 | 24.392 |
| 174. | 11.706 | 34.578 | 0.00 | 11.684 | 26.322 |
| 293. | 9.557 | 34.652 | 0.00 | 9.524 | 26.761 |
| 490. | 7.904 | 34.586 | 0.00 | 7.854 | 26.970 |
| 489. | 7.918 | 34.587 | 0.00 | 7.868 | 26.969 |

CAST TG2-93-DI -012 LAT 00 00.1N LONG 169 59.5W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 0. | 28.111 | 35.033 | 0.00 | 28.111 | 22.386 |
| 0. | 28.109 | 35.032 | 0.00 | 28.109 | 22.385 |
| 143. | 20.226 | 35.179 | 0.00 | 20.199 | 24.847 |
| 292. | 11.711 | 34.830 | 0.00 | 11.673 | 26.520 |
| 491. | 8.011 | 34.609 | 0.00 | 7.961 | 26.973 |
| 690. | 6.542 | 34.565 | 0.00 | 6.478 | 27.147 |
| 890. | 5.094 | 34.535 | 0.00 | 5.020 | 27.305 |
| 990. | 4.601 | 34.547 | 0.00 | 4.522 | 27.371 |
| 989. | 4.601 | 34.555 | 0.00 | 4.522 | 27.377 |

CAST TG2-93-DI -013 LAT 01 00.8N LONG 170 00.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 28.448 | 34.988 | 0.00 | 28.447 | 22.241 |
| 2. | 28.448 | 34.990 | 0.00 | 28.447 | 22.242 |
| 143. | 18.298 | 34.883 | 0.00 | 18.273 | 25.116 |
| 292. | 11.151 | 34.789 | 0.00 | 11.115 | 26.591 |
| 491. | 7.917 | 34.590 | 0.00 | 7.867 | 26.972 |
| 690. | 5.869 | 34.550 | 0.00 | 5.808 | 27.222 |
| 890. | 4.962 | 34.547 | 0.00 | 4.889 | 27.329 |
| 989. | 4.595 | 34.556 | 0.00 | 4.516 | 27.378 |
| 989. | 4.595 | 34.554 | 0.00 | 4.516 | 27.376 |

CAST TG2-93-DI -014 LAT 01 59.5N LONG 169 59.5W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 6. | 28.304 | 34.959 | 0.00 | 28.303 | 22.267 |
| 5. | 28.302 | 34.965 | 0.00 | 28.301 | 22.272 |
| 143. | 23.685 | 34.923 | 0.00 | 23.655 | 23.686 |
| 292. | 10.647 | 34.748 | 0.00 | 10.612 | 26.649 |
| 491. | 8.336 | 34.622 | 0.00 | 8.284 | 26.934 |
| 691. | 6.137 | 34.555 | 0.00 | 6.075 | 27.192 |
| 989. | 4.623 | 34.549 | 0.00 | 4.543 | 27.369 |
| 990. | 4.623 | 34.553 | 0.00 | 4.543 | 27.372 |

CAST TG2-93-DI -015 LAT 02 59.8N LONG 169 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 28.407 | 34.822 | 0.00 | 28.406 | 22.130 |
| 4. | 28.407 | 34.824 | 0.00 | 28.406 | 22.131 |
| 141. | 23.014 | 34.856 | 0.00 | 22.985 | 23.830 |
| 290. | 10.636 | 34.708 | 0.00 | 10.601 | 26.620 |
| 491. | 8.181 | 34.616 | 0.00 | 8.130 | 26.953 |
| 691. | 6.055 | 34.551 | 0.00 | 5.993 | 27.199 |
| 889. | 4.900 | 34.548 | 0.00 | 4.827 | 27.337 |
| 990. | 4.500 | 34.557 | 0.00 | 4.421 | 27.389 |
| 990. | 4.500 | 34.557 | 0.00 | 4.421 | 27.389 |

CAST TG2-93-DI -016 LAT 03 59.0N LONG 169 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 28.311 | 34.781 | 0.00 | 28.310 | 22.131 |
| 3. | 28.317 | 34.781 | 0.00 | 28.316 | 22.129 |
| 142. | 23.384 | 34.843 | 0.00 | 23.355 | 23.713 |
| 290. | 9.601 | 34.616 | 0.00 | 9.568 | 26.725 |
| 491. | 8.002 | 34.602 | 0.00 | 7.952 | 26.969 |
| 692. | 5.868 | 34.548 | 0.00 | 5.807 | 27.220 |
| 887. | 4.845 | 34.552 | 0.00 | 4.773 | 27.346 |
| 992. | 4.464 | 34.559 | 0.00 | 4.385 | 27.394 |
| 992. | 4.471 | 34.558 | 0.00 | 4.392 | 27.393 |

CAST TG2-93-DI -017 LAT 05 01.9N LONG 170 01.4W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 6. | 28.112 | 34.917 | 0.00 | 28.111 | 22.298 |
| 4. | 28.113 | 34.915 | 0.00 | 28.112 | 22.296 |
| 143. | 18.649 | 34.758 | 0.00 | 18.624 | 24.933 |
| 293. | 9.582 | 34.655 | 0.00 | 9.549 | 26.759 |
| 491. | 8.834 | 34.597 | 0.00 | 8.781 | 26.838 |
| 663. | 6.254 | 34.552 | 0.00 | 6.194 | 27.174 |
| 889. | 4.910 | 34.549 | 0.00 | 4.837 | 27.337 |
| 989. | 4.448 | 34.563 | 0.00 | 4.370 | 27.400 |
| 990. | 4.446 | 34.562 | 0.00 | 4.368 | 27.399 |

CAST TG2-93-DI -018  LAT 08 00.6N  LONG 169 59.7W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 5. | 27.634 | 34.521 | 0.00 | 27.633 | 22.156 |
| 4. | 27.636 | 34.515 | 0.00 | 27.635 | 22.151 |
| 143. | 15.378 | 34.628 | 0.00 | 15.356 | 25.607 |
| 291. | 10.137 | 34.684 | 0.00 | 10.103 | 26.688 |
| 490. | 8.211 | 34.599 | 0.00 | 8.160 | 26.935 |
| 689. | 6.090 | 34.542 | 0.00 | 6.028 | 27.187 |
| 890. | 4.899 | 34.551 | 0.00 | 4.826 | 27.339 |
| 1006. | 4.477 | 34.563 | 0.00 | 4.397 | 27.396 |
| 1007. | 4.481 | 34.562 | 0.00 | 4.401 | 27.395 |

# EP3-93-DI
# August 23-September 20, 1993
# CTD and Hydrographic Data Summary

CAST EP3-93-DI -001 DATE 27 AUG 93 TIME 1911 GMT

LAT 07 56.5N LONG 094 57.3W

CAST EP3-93-DI -001 DATE 27 AUG 93 TIME 1911 GMT
LAT 07 56.5N LONG 094 57.3W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 248 T SPD 13 KT VISIBILITY 7
CLOUD 8 AMOUNT 7 DRY 25.0 WET 23.7 DEPTH 3530 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.382 | 33.368 | 21.369 | 0.000 |
| 10 | 27.380 | 33.368 | 21.370 | 0.064 |
| 20 | 27.260 | 33.414 | 21.443 | 0.128 |
| 30 | 23.051 | 34.345 | 23.424 | 0.182 |
| 40 | 16.741 | 34.756 | 25.389 | 0.215 |
| 50 | 15.137 | 34.802 | 25.790 | 0.239 |
| 60 | 14.499 | 34.830 | 25.950 | 0.261 |
| 70 | 14.108 | 34.851 | 26.050 | 0.281 |
| 80 | 13.649 | 34.834 | 26.132 | 0.300 |
| 90 | 13.453 | 34.827 | 26.168 | 0.319 |
| 100 | 13.315 | 34.826 | 26.195 | 0.337 |
| 110 | 12.927 | 34.818 | 26.267 | 0.355 |
| 120 | 12.863 | 34.817 | 26.279 | 0.373 |
| 130 | 12.755 | 34.813 | 26.298 | 0.391 |
| 140 | 12.542 | 34.796 | 26.327 | 0.408 |
| 150 | 12.466 | 34.804 | 26.347 | 0.425 |
| 160 | 12.284 | 34.793 | 26.374 | 0.442 |
| 170 | 12.137 | 34.784 | 26.396 | 0.459 |
| 180 | 11.943 | 34.776 | 26.427 | 0.476 |
| 190 | 11.791 | 34.768 | 26.449 | 0.492 |
| 200 | 11.676 | 34.762 | 26.466 | 0.508 |
| 250 | 11.065 | 34.731 | 26.555 | 0.587 |
| 300 | 10.445 | 34.701 | 26.642 | 0.662 |
| 350 | 9.786 | 34.670 | 26.731 | 0.733 |
| 400 | 8.952 | 34.625 | 26.832 | 0.800 |
| 450 | 8.340 | 34.620 | 26.924 | 0.862 |
| 500 | 7.779 | 34.600 | 26.993 | 0.921 |
| 550 | 7.401 | 34.588 | 27.038 | 0.977 |
| 600 | 6.936 | 34.576 | 27.094 | 1.031 |
| 650 | 6.457 | 34.558 | 27.144 | 1.083 |
| 700 | 6.117 | 34.560 | 27.190 | 1.132 |
| 750 | 5.759 | 34.555 | 27.231 | 1.180 |
| 800 | 5.443 | 34.555 | 27.271 | 1.225 |
| 900 | 4.953 | 34.555 | 27.328 | 1.312 |
| 1000 | 4.452 | 34.559 | 27.387 | 1.394 |
| 1002 | 4.451 | 34.558 | 27.387 | 1.396 |

CAST EP3-93-DI -002 DATE 30 AUG 93 TIME 0519 GMT

LAT 07 00.2N LONG 094 59.8W

CAST EP3-93-DI -002 DATE 30 AUG 93 TIME 0519 GMT
LAT 07 00.2N LONG 094 59.8W WEATHER 1 SEA STATE 4
BAROMETER 12 WIND DIR 290 T SPD 07 KT VISIBILITY 8
CLOUD 3 AMOUNT 4 DRY 26.2 WET 23.5 DEPTH 3686 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.423 | 33.351 | 21.343 | 0.000 |
| 10 | 27.433 | 33.351 | 21.341 | 0.064 |
| 20 | 27.476 | 33.396 | 21.360 | 0.129 |
| 30 | 27.335 | 33.615 | 21.570 | 0.193 |
| 40 | 19.472 | 34.685 | 24.660 | 0.234 |
| 50 | 19.000 | 34.758 | 24.837 | 0.266 |
| 60 | 15.809 | 34.835 | 25.665 | 0.293 |
| 70 | 15.266 | 34.898 | 25.835 | 0.315 |
| 80 | 14.524 | 34.887 | 25.989 | 0.337 |
| 90 | 14.112 | 34.908 | 26.093 | 0.356 |
| 100 | 13.723 | 34.885 | 26.156 | 0.375 |
| 110 | 13.585 | 34.889 | 26.189 | 0.394 |
| 120 | 13.405 | 34.880 | 26.218 | 0.412 |
| 130 | 13.194 | 34.873 | 26.256 | 0.430 |
| 140 | 13.093 | 34.869 | 26.273 | 0.448 |
| 150 | 12.973 | 34.861 | 26.291 | 0.466 |
| 160 | 12.839 | 34.852 | 26.311 | 0.483 |
| 170 | 12.654 | 34.841 | 26.339 | 0.501 |
| 180 | 12.613 | 34.838 | 26.345 | 0.518 |
| 190 | 12.511 | 34.830 | 26.359 | 0.535 |
| 200 | 12.372 | 34.824 | 26.381 | 0.552 |
| 250 | 11.580 | 34.772 | 26.492 | 0.634 |
| 300 | 10.875 | 34.740 | 26.596 | 0.712 |
| 350 | 10.527 | 34.721 | 26.643 | 0.786 |
| 400 | 9.903 | 34.689 | 26.726 | 0.857 |
| 450 | 8.898 | 34.637 | 26.851 | 0.925 |
| 500 | 8.299 | 34.615 | 26.927 | 0.987 |
| 550 | 7.609 | 34.589 | 27.009 | 1.046 |
| 600 | 7.130 | 34.586 | 27.075 | 1.102 |
| 650 | 6.715 | 34.579 | 27.127 | 1.154 |
| 700 | 6.192 | 34.567 | 27.186 | 1.204 |
| 750 | 5.767 | 34.563 | 27.237 | 1.252 |
| 800 | 5.429 | 34.562 | 27.277 | 1.297 |
| 900 | 4.950 | 34.562 | 27.334 | 1.384 |
| 998 | 4.440 | 34.567 | 27.395 | 1.463 |

CAST EP3-93-DI -003 DATE 30 AUG 93 TIME 1039 GMT

LAT 05 59.6N LONG 094 59.4W

CAST EP3-93-DI -003 DATE 30 AUG 93 TIME 1039 GMT
LAT 05 59.6N LONG 094 59.4W WEATHER 2 SEA STATE 4
BAROMETER 13 WIND DIR 204 T SPD 18 KT VISIBILITY 7
CLOUD 5 AMOUNT 6 DRY 26.0 WET 24.0 DEPTH 3595 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.436 | 33.143 | 21.183 | 0.000 |
| 10 | 27.436 | 33.145 | 21.184 | 0.066 |
| 20 | 27.437 | 33.146 | 21.185 | 0.132 |
| 30 | 27.441 | 33.147 | 21.185 | 0.198 |
| 40 | 27.379 | 33.236 | 21.271 | 0.264 |
| 50 | 25.467 | 34.458 | 22.791 | 0.323 |
| 60 | 20.105 | 34.670 | 24.484 | 0.364 |
| 70 | 17.355 | 34.666 | 25.174 | 0.395 |
| 80 | 15.517 | 34.714 | 25.637 | 0.421 |
| 90 | 14.703 | 34.666 | 25.780 | 0.444 |
| 100 | 13.293 | 34.645 | 26.059 | 0.465 |
| 110 | 13.070 | 34.723 | 26.165 | 0.484 |
| 120 | 12.807 | 34.755 | 26.243 | 0.502 |
| 130 | 12.872 | 34.832 | 26.289 | 0.520 |
| 140 | 12.794 | 34.840 | 26.311 | 0.537 |
| 150 | 12.733 | 34.830 | 26.315 | 0.555 |
| 160 | 12.651 | 34.840 | 26.339 | 0.572 |
| 170 | 12.628 | 34.858 | 26.357 | 0.589 |
| 180 | 12.580 | 34.856 | 26.365 | 0.606 |
| 190 | 12.451 | 34.847 | 26.383 | 0.623 |
| 200 | 12.391 | 34.843 | 26.392 | 0.640 |
| 250 | 12.033 | 34.825 | 26.448 | 0.723 |
| 300 | 11.359 | 34.764 | 26.527 | 0.803 |
| 350 | 10.932 | 34.744 | 26.589 | 0.880 |
| 400 | 10.265 | 34.708 | 26.679 | 0.955 |
| 450 | 9.808 | 34.695 | 26.747 | 1.026 |
| 500 | 8.715 | 34.642 | 26.884 | 1.092 |
| 550 | 7.864 | 34.613 | 26.990 | 1.153 |
| 600 | 7.071 | 34.589 | 27.085 | 1.208 |
| 650 | 6.593 | 34.581 | 27.144 | 1.260 |
| 700 | 6.169 | 34.568 | 27.190 | 1.310 |
| 750 | 5.773 | 34.561 | 27.235 | 1.358 |
| 800 | 5.420 | 34.560 | 27.277 | 1.403 |
| 900 | 4.885 | 34.561 | 27.340 | 1.490 |
| 998 | 4.471 | 34.565 | 27.390 | 1.569 |

CAST EP3-93-DI -004 DATE 30 AUG 93 TIME 1540 GMT

LAT 05 04.3N LONG 095 00.3W

CAST EP3-93-DI -004 DATE 30 AUG 93 TIME 1540 GMT
LAT 05 04.3N LONG 095 00.3W WEATHER 1 SEA STATE 3
BAROMETER 25 WIND DIR 200 T SPD 08 KT VISIBILITY 7
CLOUD 4 AMOUNT 4 DRY 30.0 WET 25.8 DEPTH 3596 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.377 | 33.335 | 21.346 | 0.000 |
| 10 | 27.352 | 33.342 | 21.359 | 0.064 |
| 20 | 27.347 | 33.343 | 21.362 | 0.129 |
| 30 | 27.343 | 33.344 | 21.364 | 0.193 |
| 40 | 27.343 | 33.346 | 21.365 | 0.257 |
| 50 | 27.237 | 33.456 | 21.482 | 0.322 |
| 60 | 21.176 | 34.624 | 24.161 | 0.376 |
| 70 | 18.045 | 34.775 | 25.089 | 0.408 |
| 80 | 16.499 | 34.897 | 25.554 | 0.434 |
| 90 | 15.895 | 34.870 | 25.673 | 0.458 |
| 100 | 15.042 | 34.877 | 25.869 | 0.481 |
| 110 | 14.496 | 34.918 | 26.019 | 0.501 |
| 120 | 14.036 | 34.876 | 26.084 | 0.521 |
| 130 | 13.841 | 34.894 | 26.139 | 0.540 |
| 140 | 13.567 | 34.869 | 26.177 | 0.559 |
| 150 | 13.355 | 34.846 | 26.202 | 0.578 |
| 160 | 13.329 | 34.875 | 26.230 | 0.596 |
| 170 | 13.322 | 34.882 | 26.237 | 0.614 |
| 180 | 13.289 | 34.893 | 26.252 | 0.632 |
| 190 | 13.240 | 34.892 | 26.261 | 0.651 |
| 200 | 13.158 | 34.889 | 26.276 | 0.669 |
| 250 | 12.366 | 34.824 | 26.382 | 0.756 |
| 300 | 11.776 | 34.791 | 26.469 | 0.839 |
| 350 | 10.875 | 34.738 | 26.595 | 0.918 |
| 400 | 10.044 | 34.698 | 26.709 | 0.992 |
| 450 | 8.746 | 34.645 | 26.881 | 1.059 |
| 500 | 8.022 | 34.618 | 26.971 | 1.119 |
| 550 | 7.303 | 34.594 | 27.057 | 1.176 |
| 600 | 6.681 | 34.576 | 27.128 | 1.228 |
| 650 | 6.367 | 34.575 | 27.170 | 1.279 |
| 700 | 5.971 | 34.564 | 27.212 | 1.327 |
| 750 | 5.624 | 34.558 | 27.251 | 1.374 |
| 800 | 5.381 | 34.556 | 27.279 | 1.419 |
| 900 | 4.850 | 34.558 | 27.342 | 1.504 |
| 1000 | 4.564 | 34.567 | 27.382 | 1.586 |
| 1001 | 4.548 | 34.568 | 27.384 | 1.587 |

CAST EP3-93-DI -005 DATE 31 AUG 93 TIME 0026 GMT

LAT 04 00.3N LONG 094 59.9W

CAST EP3-93-DI -005 DATE 31 AUG 93 TIME 0026 GMT
LAT 04 00.3N LONG 094 59.9W WEATHER 6 SEA STATE 3
BAROMETER 99 WIND DIR 180 T SPD 12 KT VISIBILITY 4
CLOUD 6 AMOUNT 8 DRY 24.0 WET 22.9 DEPTH 3477 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.337 | 33.492 | 21.477 | 0.000 |
| 10 | 27.337 | 33.493 | 21.478 | 0.063 |
| 20 | 27.342 | 33.496 | 21.478 | 0.126 |
| 30 | 27.340 | 33.497 | 21.480 | 0.190 |
| 40 | 27.291 | 33.530 | 21.520 | 0.253 |
| 50 | 23.641 | 34.569 | 23.422 | 0.308 |
| 60 | 21.875 | 34.680 | 24.011 | 0.349 |
| 70 | 19.448 | 34.746 | 24.713 | 0.385 |
| 80 | 16.946 | 34.823 | 25.392 | 0.415 |
| 90 | 15.500 | 34.913 | 25.795 | 0.439 |
| 100 | 15.121 | 34.923 | 25.887 | 0.461 |
| 110 | 14.539 | 34.935 | 26.022 | 0.482 |
| 120 | 14.099 | 34.939 | 26.120 | 0.501 |
| 130 | 13.860 | 34.934 | 26.166 | 0.520 |
| 140 | 13.635 | 34.923 | 26.204 | 0.539 |
| 150 | 13.478 | 34.917 | 26.232 | 0.557 |
| 160 | 13.366 | 34.914 | 26.253 | 0.575 |
| 170 | 13.150 | 34.902 | 26.287 | 0.593 |
| 180 | 12.928 | 34.887 | 26.320 | 0.611 |
| 190 | 12.691 | 34.868 | 26.353 | 0.628 |
| 200 | 12.490 | 34.854 | 26.382 | 0.645 |
| 250 | 11.798 | 34.809 | 26.480 | 0.727 |
| 300 | 10.971 | 34.765 | 26.598 | 0.805 |
| 350 | 10.215 | 34.729 | 26.704 | 0.878 |
| 400 | 9.426 | 34.697 | 26.812 | 0.946 |
| 450 | 8.561 | 34.655 | 26.917 | 1.009 |
| 500 | 7.957 | 34.629 | 26.989 | 1.068 |
| 550 | 7.189 | 34.607 | 27.083 | 1.124 |
| 600 | 6.663 | 34.587 | 27.140 | 1.175 |
| 650 | 6.335 | 34.586 | 27.182 | 1.225 |
| 700 | 5.998 | 34.585 | 27.225 | 1.273 |
| 750 | 5.705 | 34.577 | 27.255 | 1.319 |
| 800 | 5.370 | 34.581 | 27.300 | 1.364 |
| 900 | 4.908 | 34.585 | 27.357 | 1.448 |
| 1000 | 4.488 | 34.583 | 27.402 | 1.528 |
| 1002 | 4.481 | 34.583 | 27.403 | 1.529 |

CAST EP3-93-DI -006 DATE 31 AUG 93 TIME 0600 GMT

LAT 02 59.9N LONG 095 00.0W

CAST EP3-93-DI -006 DATE 31 AUG 93 TIME 0600 GMT
LAT 02 59.9N LONG 095 00.0W WEATHER 2 SEA STATE 3
BAROMETER 12 WIND DIR 180 T SPD 17 KT VISIBILITY 8
CLOUD 7 AMOUNT 8 DRY 25.1 WET 22.8 DEPTH 2712 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.988 | 33.618 | 21.683 | 0.000 |
| 10 | 26.992 | 33.618 | 21.682 | 0.061 |
| 20 | 26.991 | 33.618 | 21.682 | 0.122 |
| 30 | 26.986 | 33.620 | 21.685 | 0.184 |
| 40 | 26.531 | 33.714 | 21.900 | 0.245 |
| 50 | 20.577 | 34.929 | 24.556 | 0.287 |
| 60 | 18.976 | 34.981 | 25.014 | 0.319 |
| 70 | 17.901 | 34.998 | 25.296 | 0.347 |
| 80 | 15.968 | 34.893 | 25.674 | 0.372 |
| 90 | 15.067 | 34.922 | 25.898 | 0.394 |
| 100 | 14.647 | 34.947 | 26.009 | 0.415 |
| 110 | 14.312 | 34.929 | 26.067 | 0.435 |
| 120 | 14.132 | 34.945 | 26.117 | 0.454 |
| 130 | 14.012 | 34.939 | 26.138 | 0.473 |
| 140 | 13.960 | 34.934 | 26.146 | 0.492 |
| 150 | 13.825 | 34.937 | 26.176 | 0.511 |
| 160 | 13.791 | 34.936 | 26.182 | 0.530 |
| 170 | 13.687 | 34.930 | 26.199 | 0.548 |
| 180 | 13.612 | 34.926 | 26.212 | 0.567 |
| 190 | 13.459 | 34.917 | 26.236 | 0.585 |
| 200 | 13.346 | 34.913 | 26.256 | 0.603 |
| 250 | 12.816 | 34.886 | 26.342 | 0.692 |
| 300 | 11.730 | 34.798 | 26.484 | 0.776 |
| 350 | 10.443 | 34.725 | 26.661 | 0.852 |
| 400 | 9.068 | 34.673 | 26.852 | 0.920 |
| 450 | 8.385 | 34.653 | 26.943 | 0.982 |
| 500 | 7.949 | 34.633 | 26.994 | 1.040 |
| 550 | 7.596 | 34.620 | 27.035 | 1.097 |
| 600 | 7.193 | 34.606 | 27.082 | 1.151 |
| 650 | 6.693 | 34.586 | 27.135 | 1.204 |
| 700 | 6.279 | 34.583 | 27.187 | 1.254 |
| 750 | 5.786 | 34.571 | 27.241 | 1.302 |
| 800 | 5.545 | 34.566 | 27.267 | 1.347 |
| 900 | 4.751 | 34.563 | 27.357 | 1.433 |
| 1000 | 4.362 | 34.568 | 27.404 | 1.512 |
| 1001 | 4.359 | 34.568 | 27.404 | 1.512 |

CAST EP3-93-DI -007 DATE 31 AUG 93 TIME 1129 GMT

LAT 02 00.1N LONG 095 00.5W

CAST EP3-93-DI -007 DATE 31 AUG 93 TIME 1129 GMT
LAT 02 00.1N LONG 095 00.5W WEATHER 2 SEA STATE 3
BAROMETER 10 WIND DIR 170 T SPD 17 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 23.8 WET 21.8 DEPTH 3153 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.247 | 33.436 | 21.779 | 0.000 |
| 10 | 26.254 | 33.436 | 21.777 | 0.060 |
| 20 | 26.255 | 33.438 | 21.778 | 0.121 |
| 30 | 26.249 | 33.443 | 21.784 | 0.181 |
| 40 | 21.907 | 34.401 | 23.790 | 0.237 |
| 50 | 18.233 | 34.899 | 25.138 | 0.268 |
| 60 | 17.568 | 34.956 | 25.345 | 0.296 |
| 70 | 16.572 | 34.955 | 25.582 | 0.321 |
| 80 | 16.013 | 34.955 | 25.711 | 0.345 |
| 90 | 15.506 | 34.939 | 25.814 | 0.368 |
| 100 | 14.674 | 34.891 | 25.960 | 0.389 |
| 110 | 14.258 | 34.899 | 26.056 | 0.409 |
| 120 | 14.117 | 34.905 | 26.089 | 0.429 |
| 130 | 13.902 | 34.913 | 26.141 | 0.448 |
| 140 | 13.873 | 34.919 | 26.152 | 0.467 |
| 150 | 13.845 | 34.925 | 26.162 | 0.486 |
| 160 | 13.802 | 34.931 | 26.176 | 0.505 |
| 170 | 13.782 | 34.933 | 26.182 | 0.524 |
| 180 | 13.779 | 34.933 | 26.182 | 0.542 |
| 190 | 13.702 | 34.931 | 26.197 | 0.561 |
| 200 | 13.570 | 34.921 | 26.217 | 0.580 |
| 250 | 12.591 | 34.860 | 26.367 | 0.668 |
| 300 | 11.215 | 34.782 | 26.567 | 0.749 |
| 350 | 10.130 | 34.725 | 26.715 | 0.822 |
| 400 | 9.122 | 34.674 | 26.844 | 0.889 |
| 450 | 8.260 | 34.642 | 26.954 | 0.951 |
| 500 | 7.626 | 34.606 | 27.020 | 1.008 |
| 550 | 7.273 | 34.593 | 27.061 | 1.063 |
| 600 | 6.915 | 34.587 | 27.106 | 1.116 |
| 650 | 6.334 | 34.577 | 27.175 | 1.167 |
| 700 | 6.003 | 34.570 | 27.213 | 1.215 |
| 750 | 5.528 | 34.561 | 27.265 | 1.261 |
| 800 | 5.288 | 34.557 | 27.290 | 1.305 |
| 900 | 4.719 | 34.556 | 27.355 | 1.390 |
| 1000 | 4.396 | 34.563 | 27.396 | 1.470 |
| 1009 | 4.388 | 34.563 | 27.397 | 1.477 |

CAST EP3-93-DI -008 DATE 31 AUG 93 TIME 2255 GMT

LAT 01 58.8N LONG 094 58.2W

CAST EP3-93-DI -008 DATE 31 AUG 93 TIME 2255 GMT
LAT 01 58.8N LONG 094 58.2W WEATHER 2 SEA STATE 3
BAROMETER 09 WIND DIR 170 T SPD 15 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 24.5 WET 22.0 DEPTH 2974 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.294 | 33.433 | 21.762 | 0.000 |
| 10 | 26.293 | 33.433 | 21.763 | 0.060 |
| 20 | 26.278 | 33.437 | 21.770 | 0.121 |
| 30 | 26.220 | 33.443 | 21.793 | 0.181 |
| 40 | 18.593 | 34.849 | 25.010 | 0.225 |
| 50 | 17.195 | 34.958 | 25.437 | 0.252 |
| 60 | 16.491 | 34.954 | 25.599 | 0.277 |
| 70 | 15.948 | 34.952 | 25.724 | 0.300 |
| 80 | 15.597 | 34.940 | 25.793 | 0.322 |
| 90 | 14.869 | 34.905 | 25.928 | 0.344 |
| 100 | 14.279 | 34.891 | 26.045 | 0.364 |
| 110 | 13.947 | 34.903 | 26.124 | 0.384 |
| 120 | 13.862 | 34.912 | 26.148 | 0.403 |
| 130 | 13.805 | 34.919 | 26.166 | 0.422 |
| 140 | 13.769 | 34.925 | 26.178 | 0.440 |
| 150 | 13.766 | 34.926 | 26.179 | 0.459 |
| 160 | 13.737 | 34.928 | 26.187 | 0.478 |
| 170 | 13.695 | 34.926 | 26.194 | 0.496 |
| 180 | 13.594 | 34.917 | 26.208 | 0.515 |
| 190 | 13.482 | 34.910 | 26.226 | 0.534 |
| 200 | 13.327 | 34.898 | 26.248 | 0.552 |
| 250 | 12.495 | 34.850 | 26.377 | 0.639 |
| 300 | 10.887 | 34.755 | 26.606 | 0.719 |
| 350 | 10.186 | 34.719 | 26.701 | 0.792 |
| 400 | 9.742 | 34.706 | 26.767 | 0.862 |
| 450 | 8.432 | 34.648 | 26.932 | 0.925 |
| 500 | 8.000 | 34.621 | 26.976 | 0.984 |
| 550 | 7.371 | 34.593 | 27.046 | 1.040 |
| 600 | 7.083 | 34.586 | 27.081 | 1.095 |
| 650 | 6.488 | 34.576 | 27.155 | 1.146 |
| 700 | 6.113 | 34.569 | 27.198 | 1.196 |
| 750 | 5.623 | 34.560 | 27.252 | 1.242 |
| 800 | 5.264 | 34.553 | 27.290 | 1.287 |
| 900 | 4.848 | 34.553 | 27.338 | 1.372 |
| 1000 | 4.451 | 34.558 | 27.387 | 1.453 |
| 1002 | 4.426 | 34.558 | 27.390 | 1.454 |

CAST EP3-93-DI -009 DATE 01 SEP 93 TIME 0416 GMT

LAT 01 00.7N LONG 095 01.3W

CAST EP3-93-DI -009 DATE 01 SEP 93 TIME 0416 GMT
LAT 01 00.7N LONG 095 01.3W WEATHER 2 SEA STATE 4
BAROMETER 11 WIND DIR 150 T SPD 11 KT VISIBILITY 7
CLOUD x AMOUNT 9 DRY 23.0 WET 20.0 DEPTH 3504 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 24.922 | 33.858 | 22.504 | 0.000 |
| 10 | 24.917 | 33.859 | 22.506 | 0.053 |
| 20 | 17.517 | 34.860 | 25.284 | 0.097 |
| 30 | 17.170 | 34.908 | 25.404 | 0.123 |
| 40 | 16.723 | 34.916 | 25.516 | 0.148 |
| 50 | 16.135 | 34.916 | 25.653 | 0.172 |
| 60 | 15.586 | 34.906 | 25.770 | 0.195 |
| 70 | 15.068 | 34.854 | 25.846 | 0.217 |
| 80 | 14.524 | 34.889 | 25.991 | 0.238 |
| 90 | 14.381 | 34.889 | 26.022 | 0.258 |
| 100 | 14.161 | 34.889 | 26.068 | 0.278 |
| 110 | 13.725 | 34.891 | 26.161 | 0.297 |
| 120 | 13.601 | 34.902 | 26.195 | 0.316 |
| 130 | 13.537 | 34.901 | 26.208 | 0.334 |
| 140 | 13.476 | 34.906 | 26.224 | 0.352 |
| 150 | 13.423 | 34.912 | 26.239 | 0.370 |
| 160 | 13.405 | 34.913 | 26.244 | 0.389 |
| 170 | 13.398 | 34.913 | 26.245 | 0.407 |
| 180 | 13.385 | 34.913 | 26.248 | 0.425 |
| 190 | 13.357 | 34.913 | 26.254 | 0.443 |
| 200 | 13.351 | 34.914 | 26.256 | 0.461 |
| 250 | 12.889 | 34.886 | 26.328 | 0.551 |
| 300 | 11.775 | 34.827 | 26.498 | 0.635 |
| 350 | 10.698 | 34.759 | 26.642 | 0.712 |
| 400 | 9.303 | 34.686 | 26.823 | 0.780 |
| 450 | 8.586 | 34.656 | 26.914 | 0.843 |
| 500 | 7.916 | 34.621 | 26.989 | 0.903 |
| 550 | 7.408 | 34.598 | 27.045 | 0.959 |
| 600 | 7.094 | 34.588 | 27.082 | 1.013 |
| 650 | 6.622 | 34.575 | 27.136 | 1.066 |
| 700 | 6.337 | 34.570 | 27.170 | 1.116 |
| 750 | 5.857 | 34.562 | 27.225 | 1.165 |
| 800 | 5.325 | 34.559 | 27.287 | 1.210 |
| 900 | 4.778 | 34.557 | 27.350 | 1.295 |
| 1000 | 4.360 | 34.562 | 27.400 | 1.375 |
| 1010 | 4.351 | 34.562 | 27.401 | 1.383 |

CAST EP3-93-DI -010 DATE 01 SEP 93 TIME 1023 GMT

LAT 00 00.0N LONG 095 00.1W

CAST EP3-93-DI -010 DATE 01 SEP 93 TIME 1023 GMT
LAT 00 00.0N LONG 095 00.1W WEATHER 2 SEA STATE 3
BAROMETER 12 WIND DIR 135 T SPD 10 KT VISIBILITY 7
CLOUD 3 AMOUNT 8 DRY 20.6 WET 19.5 DEPTH 3345 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 21.146 | 34.537 | 24.103 | 0.000 |
| 10 | 21.135 | 34.538 | 24.107 | 0.038 |
| 20 | 18.238 | 34.739 | 25.014 | 0.072 |
| 30 | 17.545 | 34.853 | 25.272 | 0.100 |
| 40 | 17.244 | 34.900 | 25.380 | 0.127 |
| 50 | 16.689 | 34.966 | 25.562 | 0.152 |
| 60 | 16.469 | 35.121 | 25.733 | 0.175 |
| 70 | 15.075 | 35.013 | 25.966 | 0.196 |
| 80 | 14.503 | 34.902 | 26.005 | 0.217 |
| 90 | 14.167 | 34.921 | 26.091 | 0.236 |
| 100 | 13.860 | 34.914 | 26.151 | 0.255 |
| 110 | 13.765 | 34.933 | 26.185 | 0.274 |
| 120 | 13.656 | 34.928 | 26.204 | 0.293 |
| 130 | 13.545 | 34.922 | 26.222 | 0.311 |
| 140 | 13.411 | 34.915 | 26.244 | 0.329 |
| 150 | 13.409 | 34.916 | 26.245 | 0.347 |
| 160 | 13.409 | 34.916 | 26.245 | 0.365 |
| 170 | 13.411 | 34.917 | 26.246 | 0.383 |
| 180 | 13.412 | 34.918 | 26.246 | 0.401 |
| 190 | 13.408 | 34.919 | 26.248 | 0.420 |
| 200 | 13.313 | 34.918 | 26.267 | 0.438 |
| 250 | 12.796 | 34.891 | 26.350 | 0.527 |
| 300 | 10.636 | 34.764 | 26.657 | 0.605 |
| 350 | 9.904 | 34.721 | 26.751 | 0.675 |
| 400 | 9.141 | 34.677 | 26.843 | 0.741 |
| 450 | 8.614 | 34.653 | 26.908 | 0.803 |
| 500 | 7.984 | 34.627 | 26.984 | 0.862 |
| 550 | 7.465 | 34.604 | 27.041 | 0.919 |
| 600 | 7.040 | 34.587 | 27.088 | 0.973 |
| 650 | 6.828 | 34.576 | 27.108 | 1.026 |
| 700 | 6.248 | 34.565 | 27.177 | 1.078 |
| 750 | 5.684 | 34.552 | 27.239 | 1.125 |
| 800 | 5.244 | 34.549 | 27.289 | 1.170 |
| 900 | 4.967 | 34.553 | 27.325 | 1.256 |
| 1000 | 4.278 | 34.559 | 27.406 | 1.336 |
| 1002 | 4.276 | 34.559 | 27.406 | 1.338 |

CAST EP3-93-DI -011 DATE 02 SEP 93 TIME 0601 GMT

LAT 01 00.1S LONG 094 59.9W

CAST EP3-93-DI -011 DATE 02 SEP 93 TIME 0601 GMT
LAT 01 00.1S LONG 094 59.9W WEATHER 1 SEA STATE 3
BAROMETER 14 WIND DIR 155 T SPD 06 KT VISIBILITY 8
CLOUD 7 AMOUNT 6 DRY 21.0 WET 20.0 DEPTH 3325 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 20.574 | 34.848 | 24.494 | 0.000 |
| 10 | 20.572 | 34.848 | 24.495 | 0.034 |
| 20 | 19.974 | 34.892 | 24.688 | 0.068 |
| 30 | 18.542 | 34.966 | 25.112 | 0.098 |
| 40 | 17.238 | 35.065 | 25.508 | 0.125 |
| 50 | 15.719 | 35.103 | 25.892 | 0.148 |
| 60 | 14.807 | 35.076 | 26.074 | 0.168 |
| 70 | 14.236 | 35.014 | 26.149 | 0.187 |
| 80 | 14.104 | 34.995 | 26.162 | 0.206 |
| 90 | 13.839 | 34.964 | 26.194 | 0.225 |
| 100 | 13.597 | 34.936 | 26.222 | 0.243 |
| 110 | 13.474 | 34.924 | 26.239 | 0.261 |
| 120 | 13.431 | 34.920 | 26.244 | 0.279 |
| 130 | 13.382 | 34.919 | 26.253 | 0.297 |
| 140 | 13.368 | 34.918 | 26.255 | 0.315 |
| 150 | 13.359 | 34.919 | 26.258 | 0.333 |
| 160 | 13.348 | 34.919 | 26.260 | 0.351 |
| 170 | 13.337 | 34.920 | 26.263 | 0.369 |
| 180 | 13.322 | 34.921 | 26.267 | 0.387 |
| 190 | 13.264 | 34.919 | 26.278 | 0.405 |
| 200 | 13.230 | 34.917 | 26.283 | 0.423 |
| 250 | 12.857 | 34.895 | 26.341 | 0.511 |
| 300 | 10.700 | 34.768 | 26.649 | 0.592 |
| 350 | 9.976 | 34.725 | 26.742 | 0.663 |
| 400 | 9.027 | 34.672 | 26.857 | 0.729 |
| 450 | 8.508 | 34.646 | 26.919 | 0.791 |
| 500 | 8.114 | 34.628 | 26.965 | 0.851 |
| 550 | 7.592 | 34.603 | 27.023 | 0.908 |
| 600 | 7.130 | 34.585 | 27.074 | 0.963 |
| 650 | 6.656 | 34.572 | 27.129 | 1.015 |
| 700 | 6.100 | 34.556 | 27.189 | 1.066 |
| 750 | 5.879 | 34.550 | 27.213 | 1.114 |
| 800 | 5.579 | 34.553 | 27.252 | 1.161 |
| 900 | 4.936 | 34.543 | 27.320 | 1.249 |
| 1000 | 4.450 | 34.558 | 27.386 | 1.331 |
| 1003 | 4.430 | 34.558 | 27.389 | 1.334 |

CAST EP3-93-DI -012 DATE 02 SEP 93 TIME 1127 GMT

LAT 01 59.3S LONG 095 00.5W

CAST EP3-93-DI -012 DATE 02 SEP 93 TIME 1127 GMT
LAT 01 59.3S LONG 095 00.5W WEATHER 2 SEA STATE 3
BAROMETER 12 WIND DIR 155 T SPD 06 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 21.0 WET 20.0 DEPTH 3339 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 20.774 | 34.918 | 24.494 | 0.000 |
| 10 | 20.772 | 34.923 | 24.499 | 0.034 |
| 20 | 20.625 | 34.981 | 24.582 | 0.069 |
| 30 | 18.235 | 35.069 | 25.268 | 0.100 |
| 40 | 16.286 | 35.172 | 25.815 | 0.124 |
| 50 | 15.402 | 35.112 | 25.970 | 0.145 |
| 60 | 14.666 | 35.043 | 26.079 | 0.165 |
| 70 | 14.316 | 35.008 | 26.127 | 0.184 |
| 80 | 13.981 | 34.971 | 26.169 | 0.203 |
| 90 | 13.772 | 34.953 | 26.199 | 0.221 |
| 100 | 13.689 | 34.945 | 26.210 | 0.239 |
| 110 | 13.648 | 34.942 | 26.216 | 0.258 |
| 120 | 13.575 | 34.935 | 26.226 | 0.276 |
| 130 | 13.536 | 34.932 | 26.232 | 0.294 |
| 140 | 13.478 | 34.930 | 26.242 | 0.312 |
| 150 | 13.447 | 34.929 | 26.248 | 0.330 |
| 160 | 13.421 | 34.929 | 26.253 | 0.348 |
| 170 | 13.287 | 34.920 | 26.274 | 0.366 |
| 180 | 13.194 | 34.914 | 26.288 | 0.384 |
| 190 | 13.054 | 34.907 | 26.310 | 0.402 |
| 200 | 12.880 | 34.900 | 26.340 | 0.419 |
| 250 | 12.455 | 34.879 | 26.408 | 0.505 |
| 300 | 11.072 | 34.795 | 26.603 | 0.584 |
| 350 | 9.988 | 34.732 | 26.745 | 0.655 |
| 400 | 9.063 | 34.678 | 26.856 | 0.721 |
| 450 | 8.370 | 34.641 | 26.936 | 0.782 |
| 500 | 7.878 | 34.617 | 26.991 | 0.841 |
| 550 | 7.218 | 34.581 | 27.059 | 0.897 |
| 600 | 6.855 | 34.568 | 27.099 | 0.950 |
| 650 | 6.549 | 34.562 | 27.135 | 1.002 |
| 700 | 6.462 | 34.561 | 27.146 | 1.053 |
| 750 | 6.020 | 34.551 | 27.196 | 1.103 |
| 800 | 5.691 | 34.544 | 27.231 | 1.151 |
| 900 | 5.169 | 34.543 | 27.293 | 1.241 |
| 1000 | 4.852 | 34.546 | 27.333 | 1.328 |
| 1000 | 4.852 | 34.546 | 27.333 | 1.328 |

CAST EP3-93-DI -013 DATE 03 SEP 93 TIME 0018 GMT

LAT 02 00.8S LONG 094 58.3W

CAST EP3-93-DI -013 DATE 03 SEP 93 TIME 0018 GMT
LAT 02 00.8S LONG 094 58.3W WEATHER 2 SEA STATE 3
BAROMETER 12 WIND DIR 150 T SPD 12 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 22.0 WET 20.0 DEPTH 3313 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 20.995 | 34.798 | 24.343 | 0.000 |
| 10 | 20.924 | 34.800 | 24.363 | 0.036 |
| 20 | 20.562 | 34.869 | 24.514 | 0.070 |
| 30 | 20.377 | 34.968 | 24.639 | 0.104 |
| 40 | 18.051 | 35.088 | 25.328 | 0.134 |
| 50 | 16.846 | 35.148 | 25.665 | 0.159 |
| 60 | 15.557 | 35.119 | 25.940 | 0.182 |
| 70 | 15.034 | 35.077 | 26.025 | 0.202 |
| 80 | 14.497 | 35.028 | 26.103 | 0.222 |
| 90 | 14.270 | 35.005 | 26.135 | 0.241 |
| 100 | 14.074 | 34.985 | 26.160 | 0.260 |
| 110 | 13.823 | 34.959 | 26.193 | 0.278 |
| 120 | 13.681 | 34.944 | 26.211 | 0.297 |
| 130 | 13.652 | 34.942 | 26.216 | 0.315 |
| 140 | 13.613 | 34.938 | 26.221 | 0.333 |
| 150 | 13.539 | 34.932 | 26.232 | 0.352 |
| 160 | 13.516 | 34.934 | 26.238 | 0.370 |
| 170 | 13.490 | 34.934 | 26.243 | 0.388 |
| 180 | 13.423 | 34.931 | 26.254 | 0.406 |
| 190 | 13.287 | 34.921 | 26.274 | 0.424 |
| 200 | 13.195 | 34.916 | 26.289 | 0.442 |
| 250 | 12.670 | 34.893 | 26.377 | 0.529 |
| 300 | 11.503 | 34.806 | 26.533 | 0.612 |
| 350 | 10.147 | 34.738 | 26.723 | 0.685 |
| 400 | 9.203 | 34.685 | 26.839 | 0.752 |
| 450 | 8.467 | 34.645 | 26.925 | 0.814 |
| 500 | 8.066 | 34.626 | 26.971 | 0.874 |
| 502 | 8.051 | 34.623 | 26.971 | 0.876 |

CAST EP3-93-DI -014 DATE 03 SEP 93 TIME 0531 GMT

LAT 03 00.4S LONG 094 59.9W

CAST EP3-93-DI -014 DATE 03 SEP 93 TIME 0531 GMT
LAT 03 00.4S LONG 094 59.9W WEATHER 2 SEA STATE 3
BAROMETER 15 WIND DIR 130 T SPD 08 KT VISIBILITY 8
CLOUD 7 AMOUNT 8 DRY 22.2 WET 20.6 DEPTH 3548 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 21.417 | 34.670 | 24.130 | 0.000 |
| 10 | 21.302 | 34.670 | 24.162 | 0.038 |
| 20 | 20.111 | 34.735 | 24.532 | 0.074 |
| 30 | 17.830 | 34.996 | 25.312 | 0.105 |
| 40 | 17.286 | 34.976 | 25.428 | 0.131 |
| 50 | 16.326 | 35.107 | 25.755 | 0.155 |
| 60 | 14.991 | 35.029 | 25.998 | 0.176 |
| 70 | 14.715 | 35.009 | 26.042 | 0.196 |
| 80 | 14.382 | 34.982 | 26.093 | 0.216 |
| 90 | 14.095 | 34.965 | 26.141 | 0.235 |
| 100 | 13.943 | 34.962 | 26.171 | 0.254 |
| 110 | 13.720 | 34.946 | 26.204 | 0.272 |
| 120 | 13.643 | 34.941 | 26.217 | 0.291 |
| 130 | 13.604 | 34.939 | 26.223 | 0.309 |
| 140 | 13.587 | 34.941 | 26.228 | 0.327 |
| 150 | 13.515 | 34.937 | 26.240 | 0.345 |
| 160 | 13.413 | 34.931 | 26.257 | 0.363 |
| 170 | 13.349 | 34.927 | 26.266 | 0.381 |
| 180 | 13.215 | 34.921 | 26.289 | 0.399 |
| 190 | 13.138 | 34.918 | 26.302 | 0.417 |
| 200 | 12.887 | 34.902 | 26.340 | 0.434 |
| 250 | 12.049 | 34.855 | 26.468 | 0.519 |
| 300 | 10.793 | 34.784 | 26.645 | 0.596 |
| 350 | 9.631 | 34.709 | 26.788 | 0.666 |
| 400 | 8.923 | 34.670 | 26.872 | 0.730 |
| 450 | 8.214 | 34.634 | 26.954 | 0.791 |
| 500 | 7.769 | 34.614 | 27.005 | 0.849 |
| 550 | 7.162 | 34.594 | 27.076 | 0.904 |
| 600 | 6.628 | 34.576 | 27.136 | 0.956 |
| 650 | 6.410 | 34.573 | 27.162 | 1.007 |
| 700 | 5.880 | 34.557 | 27.218 | 1.055 |
| 750 | 5.530 | 34.554 | 27.259 | 1.101 |
| 800 | 5.272 | 34.545 | 27.283 | 1.145 |
| 900 | 4.782 | 34.542 | 27.337 | 1.231 |
| 1000 | 4.423 | 34.553 | 27.386 | 1.312 |
| 1003 | 4.417 | 34.554 | 27.387 | 1.315 |

CAST EP3-93-DI -015 DATE 03 SEP 93 TIME 1044 GMT

LAT 03 59.8S LONG 095 00.3W

CAST EP3-93-DI -015 DATE 03 SEP 93 TIME 1044 GMT
LAT 03 59.8S LONG 095 00.3W WEATHER 2 SEA STATE 2
BAROMETER 14 WIND DIR 120 T SPD 05 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 22.1 WET 19.8 DEPTH 3679 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 21.983 | 35.135 | 24.327 | 0.000 |
| 10 | 21.959 | 35.133 | 24.332 | 0.036 |
| 20 | 21.914 | 35.128 | 24.341 | 0.072 |
| 30 | 21.302 | 35.105 | 24.493 | 0.107 |
| 40 | 20.724 | 35.082 | 24.633 | 0.141 |
| 50 | 18.804 | 35.002 | 25.074 | 0.172 |
| 60 | 16.828 | 35.098 | 25.631 | 0.198 |
| 70 | 15.889 | 35.071 | 25.828 | 0.221 |
| 80 | 15.533 | 35.056 | 25.897 | 0.242 |
| 90 | 15.368 | 35.028 | 25.913 | 0.263 |
| 100 | 15.323 | 35.051 | 25.941 | 0.284 |
| 110 | 15.164 | 35.048 | 25.973 | 0.305 |
| 120 | 14.760 | 35.024 | 26.043 | 0.325 |
| 130 | 14.608 | 35.015 | 26.070 | 0.345 |
| 140 | 14.437 | 35.005 | 26.099 | 0.365 |
| 150 | 14.382 | 35.001 | 26.108 | 0.384 |
| 160 | 14.322 | 34.998 | 26.118 | 0.403 |
| 170 | 14.258 | 34.994 | 26.129 | 0.423 |
| 180 | 14.162 | 34.986 | 26.143 | 0.442 |
| 190 | 13.945 | 34.975 | 26.180 | 0.461 |
| 200 | 13.835 | 34.976 | 26.204 | 0.480 |
| 250 | 12.867 | 34.910 | 26.350 | 0.569 |
| 300 | 12.288 | 34.871 | 26.434 | 0.654 |
| 350 | 10.686 | 34.777 | 26.658 | 0.732 |
| 400 | 9.497 | 34.707 | 26.808 | 0.802 |
| 450 | 8.601 | 34.658 | 26.914 | 0.865 |
| 500 | 7.941 | 34.626 | 26.989 | 0.924 |
| 550 | 7.507 | 34.606 | 27.037 | 0.980 |
| 600 | 7.151 | 34.587 | 27.073 | 1.035 |
| 650 | 6.703 | 34.567 | 27.118 | 1.088 |
| 700 | 6.241 | 34.561 | 27.175 | 1.139 |
| 750 | 5.766 | 34.547 | 27.224 | 1.187 |
| 800 | 5.381 | 34.538 | 27.265 | 1.233 |
| 900 | 4.746 | 34.541 | 27.340 | 1.320 |
| 1000 | 4.279 | 34.552 | 27.400 | 1.400 |
| 1002 | 4.272 | 34.552 | 27.401 | 1.401 |

CAST EP3-93-DI -016 DATE 03 SEP 93 TIME 1543 GMT

LAT 04 58.3S LONG 095 07.1W

CAST EP3-93-DI -016 DATE 03 SEP 93 TIME 1543 GMT
LAT 04 58.3S LONG 095 07.1W WEATHER 1 SEA STATE 3
BAROMETER 16 WIND DIR 105 T SPD 13 KT VISIBILITY 7
CLOUD 2 AMOUNT 2 DRY 23.0 WET 20.5 DEPTH 3782 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 21.893 | 35.034 | 24.275 | 0.000 |
| 10 | 21.876 | 35.033 | 24.279 | 0.036 |
| 20 | 21.874 | 35.042 | 24.286 | 0.073 |
| 30 | 21.872 | 35.069 | 24.307 | 0.109 |
| 40 | 21.866 | 35.099 | 24.332 | 0.145 |
| 50 | 21.815 | 35.117 | 24.360 | 0.181 |
| 60 | 20.484 | 35.037 | 24.662 | 0.216 |
| 70 | 17.736 | 35.133 | 25.440 | 0.244 |
| 80 | 16.832 | 35.134 | 25.658 | 0.269 |
| 90 | 15.721 | 35.098 | 25.888 | 0.291 |
| 100 | 15.253 | 35.066 | 25.968 | 0.312 |
| 110 | 14.930 | 35.031 | 26.012 | 0.332 |
| 120 | 14.658 | 35.003 | 26.050 | 0.352 |
| 130 | 14.537 | 34.994 | 26.069 | 0.372 |
| 140 | 14.467 | 35.015 | 26.100 | 0.392 |
| 150 | 14.127 | 34.985 | 26.150 | 0.411 |
| 160 | 13.996 | 34.980 | 26.173 | 0.430 |
| 170 | 13.849 | 34.974 | 26.199 | 0.448 |
| 180 | 13.478 | 34.956 | 26.262 | 0.467 |
| 190 | 13.122 | 34.935 | 26.318 | 0.485 |
| 200 | 12.945 | 34.916 | 26.339 | 0.502 |
| 250 | 12.509 | 34.882 | 26.400 | 0.587 |
| 300 | 12.081 | 34.865 | 26.469 | 0.670 |
| 350 | 11.248 | 34.812 | 26.585 | 0.749 |
| 400 | 9.872 | 34.728 | 26.762 | 0.822 |
| 450 | 9.043 | 34.682 | 26.863 | 0.888 |
| 500 | 8.180 | 34.637 | 26.962 | 0.948 |
| 550 | 7.576 | 34.607 | 27.028 | 1.006 |
| 600 | 7.046 | 34.580 | 27.082 | 1.060 |
| 650 | 6.553 | 34.561 | 27.134 | 1.112 |
| 700 | 6.243 | 34.557 | 27.172 | 1.162 |
| 750 | 5.822 | 34.546 | 27.217 | 1.211 |
| 800 | 5.509 | 34.547 | 27.256 | 1.258 |
| 900 | 4.746 | 34.531 | 27.332 | 1.344 |
| 1000 | 4.454 | 34.540 | 27.372 | 1.427 |
| 1002 | 4.437 | 34.541 | 27.374 | 1.428 |

CAST EP3-93-DI -017 DATE 04 SEP 93 TIME 0059 GMT

LAT 05 59.8S LONG 095 00.1W

CAST EP3-93-DI -017 DATE 04 SEP 93 TIME 0059 GMT
LAT 05 59.8S LONG 095 00.1W WEATHER 1 SEA STATE 2
BAROMETER 14 WIND DIR 145 T SPD 11 KT VISIBILITY 7
CLOUD 9 AMOUNT 5 DRY 22.8 WET 18.6 DEPTH 3856 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 23.174 | 35.302 | 24.114 | 0.000 |
| 10 | 23.177 | 35.302 | 24.113 | 0.038 |
| 20 | 22.936 | 35.291 | 24.174 | 0.076 |
| 30 | 22.911 | 35.292 | 24.182 | 0.113 |
| 40 | 22.895 | 35.291 | 24.186 | 0.150 |
| 50 | 22.884 | 35.292 | 24.190 | 0.188 |
| 60 | 22.872 | 35.292 | 24.194 | 0.225 |
| 70 | 22.811 | 35.303 | 24.220 | 0.263 |
| 80 | 18.100 | 35.177 | 25.384 | 0.295 |
| 90 | 15.438 | 35.120 | 25.968 | 0.317 |
| 100 | 14.446 | 35.051 | 26.133 | 0.337 |
| 110 | 13.967 | 35.017 | 26.208 | 0.356 |
| 120 | 13.335 | 34.943 | 26.282 | 0.374 |
| 130 | 13.155 | 34.926 | 26.305 | 0.391 |
| 140 | 13.089 | 34.922 | 26.315 | 0.409 |
| 150 | 13.010 | 34.923 | 26.332 | 0.426 |
| 160 | 12.892 | 34.917 | 26.351 | 0.443 |
| 170 | 12.749 | 34.906 | 26.371 | 0.460 |
| 180 | 12.614 | 34.894 | 26.389 | 0.477 |
| 190 | 12.500 | 34.882 | 26.401 | 0.494 |
| 200 | 12.448 | 34.883 | 26.412 | 0.510 |
| 250 | 12.118 | 34.867 | 26.464 | 0.592 |
| 300 | 11.702 | 34.844 | 26.525 | 0.672 |
| 350 | 11.135 | 34.810 | 26.604 | 0.750 |
| 400 | 10.281 | 34.755 | 26.712 | 0.823 |
| 450 | 9.352 | 34.696 | 26.824 | 0.892 |
| 500 | 8.644 | 34.659 | 26.908 | 0.955 |
| 550 | 7.749 | 34.615 | 27.009 | 1.014 |
| 600 | 7.035 | 34.585 | 27.087 | 1.069 |
| 650 | 6.546 | 34.568 | 27.140 | 1.121 |
| 700 | 6.115 | 34.554 | 27.186 | 1.171 |
| 750 | 5.767 | 34.547 | 27.224 | 1.219 |
| 800 | 5.335 | 34.541 | 27.272 | 1.265 |
| 900 | 4.689 | 34.539 | 27.345 | 1.350 |
| 1000 | 4.281 | 34.549 | 27.398 | 1.430 |
| 1000 | 4.281 | 34.549 | 27.398 | 1.430 |

CAST EP3-93-DI -018 DATE 04 SEP 93 TIME 0624 GMT

LAT 07 00.0S LONG 095 00.0W

CAST EP3-93-DI -018 DATE 04 SEP 93 TIME 0624 GMT
LAT 07 00.0S LONG 095 00.0W WEATHER 2 SEA STATE 3
BAROMETER 16 WIND DIR 150 T SPD 10 KT VISIBILITY 7
CLOUD 6 AMOUNT 8 DRY 22.1 WET 19.2 DEPTH 3970 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 23.297 | 35.296 | 24.074 | 0.000 |
| 10 | 23.258 | 35.297 | 24.086 | 0.038 |
| 20 | 23.247 | 35.298 | 24.089 | 0.077 |
| 30 | 23.255 | 35.296 | 24.086 | 0.115 |
| 40 | 23.234 | 35.296 | 24.092 | 0.153 |
| 50 | 23.225 | 35.295 | 24.094 | 0.191 |
| 60 | 22.685 | 35.303 | 24.256 | 0.230 |
| 70 | 19.138 | 35.367 | 25.267 | 0.262 |
| 80 | 18.304 | 35.311 | 25.436 | 0.288 |
| 90 | 17.083 | 35.205 | 25.653 | 0.313 |
| 100 | 15.759 | 35.096 | 25.877 | 0.335 |
| 110 | 15.368 | 35.087 | 25.958 | 0.356 |
| 120 | 14.533 | 35.046 | 26.110 | 0.376 |
| 130 | 13.934 | 34.978 | 26.185 | 0.395 |
| 140 | 13.646 | 34.993 | 26.256 | 0.414 |
| 150 | 13.400 | 34.976 | 26.293 | 0.431 |
| 160 | 13.106 | 34.960 | 26.341 | 0.449 |
| 170 | 12.879 | 34.942 | 26.373 | 0.466 |
| 180 | 12.660 | 34.924 | 26.402 | 0.483 |
| 190 | 12.480 | 34.905 | 26.423 | 0.499 |
| 200 | 12.352 | 34.894 | 26.439 | 0.516 |
| 250 | 11.846 | 34.854 | 26.506 | 0.596 |
| 300 | 11.419 | 34.827 | 26.564 | 0.675 |
| 350 | 10.821 | 34.789 | 26.644 | 0.750 |
| 400 | 9.780 | 34.721 | 26.772 | 0.821 |
| 450 | 8.871 | 34.667 | 26.878 | 0.886 |
| 500 | 8.161 | 34.634 | 26.962 | 0.947 |
| 550 | 7.491 | 34.599 | 27.034 | 1.004 |
| 600 | 6.795 | 34.572 | 27.110 | 1.058 |
| 650 | 6.294 | 34.557 | 27.165 | 1.108 |
| 700 | 5.822 | 34.544 | 27.215 | 1.157 |
| 750 | 5.530 | 34.541 | 27.249 | 1.203 |
| 800 | 5.273 | 34.539 | 27.278 | 1.248 |
| 900 | 4.775 | 34.539 | 27.336 | 1.334 |
| 1000 | 4.393 | 34.551 | 27.388 | 1.415 |
| 1002 | 4.391 | 34.551 | 27.387 | 1.416 |

CAST EP3-93-DI -019 DATE 04 SEP 93 TIME 1207 GMT

LAT 07 59.3S LONG 095 08.9W

CAST EP3-93-DI -019 DATE 04 SEP 93 TIME 1207 GMT
LAT 07 59.3S LONG 095 08.9W WEATHER 2 SEA STATE 2
BAROMETER 15 WIND DIR 155 T SPD 13 KT VISIBILITY 7
CLOUD 6 AMOUNT 7 DRY 22.0 WET 19.2 DEPTH 3958 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 22.817 | 35.292 | 24.209 | 0.000 |
| 10 | 22.821 | 35.292 | 24.208 | 0.037 |
| 20 | 22.824 | 35.292 | 24.207 | 0.074 |
| 30 | 22.820 | 35.292 | 24.209 | 0.111 |
| 40 | 22.819 | 35.292 | 24.209 | 0.148 |
| 50 | 22.822 | 35.292 | 24.208 | 0.186 |
| 60 | 22.804 | 35.290 | 24.211 | 0.223 |
| 70 | 21.893 | 35.263 | 24.449 | 0.260 |
| 80 | 17.056 | 35.202 | 25.657 | 0.288 |
| 90 | 15.866 | 35.105 | 25.860 | 0.310 |
| 100 | 14.930 | 35.053 | 26.029 | 0.331 |
| 110 | 14.375 | 35.041 | 26.140 | 0.351 |
| 120 | 14.159 | 35.036 | 26.182 | 0.369 |
| 130 | 13.761 | 34.996 | 26.235 | 0.388 |
| 140 | 13.467 | 34.979 | 26.283 | 0.406 |
| 150 | 13.320 | 34.965 | 26.302 | 0.423 |
| 160 | 13.113 | 34.948 | 26.330 | 0.441 |
| 170 | 12.993 | 34.939 | 26.348 | 0.458 |
| 180 | 12.818 | 34.920 | 26.368 | 0.475 |
| 190 | 12.710 | 34.914 | 26.385 | 0.492 |
| 200 | 12.601 | 34.910 | 26.403 | 0.509 |
| 250 | 12.063 | 34.868 | 26.475 | 0.591 |
| 300 | 11.537 | 34.837 | 26.550 | 0.670 |
| 350 | 11.101 | 34.809 | 26.609 | 0.746 |
| 400 | 10.054 | 34.742 | 26.742 | 0.819 |
| 450 | 9.295 | 34.698 | 26.834 | 0.887 |
| 500 | 8.589 | 34.660 | 26.917 | 0.949 |
| 550 | 7.756 | 34.612 | 27.005 | 1.008 |
| 600 | 6.965 | 34.573 | 27.088 | 1.063 |
| 650 | 6.386 | 34.553 | 27.150 | 1.115 |
| 700 | 5.998 | 34.544 | 27.193 | 1.164 |
| 750 | 5.671 | 34.539 | 27.230 | 1.211 |
| 800 | 5.404 | 34.542 | 27.265 | 1.257 |
| 900 | 4.918 | 34.539 | 27.320 | 1.345 |
| 1000 | 4.448 | 34.546 | 27.378 | 1.428 |
| 1004 | 4.442 | 34.546 | 27.378 | 1.431 |

CAST EP3-93-DI -020 DATE 07 SEP 93 TIME 0231 GMT

LAT 08 00.4S LONG 109 56.8W

CAST EP3-93-DI -020 DATE 07 SEP 93 TIME 0231 GMT
LAT 08 00.4S LONG 109 56.8W WEATHER 0 SEA STATE 5
BAROMETER 13 WIND DIR 115 T SPD 21 KT VISIBILITY 6
CLOUD X AMOUNT 1 DRY 24.9 WET 21.5 DEPTH 3479 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 25.106 | 35.319 | 23.552 | 0.000 |
| 10 | 25.106 | 35.319 | 23.552 | 0.043 |
| 20 | 25.119 | 35.324 | 23.551 | 0.087 |
| 30 | 25.119 | 35.325 | 23.552 | 0.130 |
| 40 | 25.119 | 35.324 | 23.551 | 0.173 |
| 50 | 25.106 | 35.335 | 23.564 | 0.217 |
| 60 | 25.099 | 35.334 | 23.565 | 0.260 |
| 70 | 25.070 | 35.330 | 23.572 | 0.304 |
| 80 | 24.702 | 35.272 | 23.639 | 0.347 |
| 90 | 23.444 | 35.490 | 24.178 | 0.388 |
| 100 | 21.230 | 35.656 | 24.932 | 0.422 |
| 110 | 20.061 | 35.568 | 25.180 | 0.452 |
| 120 | 19.645 | 35.635 | 25.341 | 0.479 |
| 130 | 18.665 | 35.486 | 25.479 | 0.505 |
| 140 | 17.506 | 35.317 | 25.637 | 0.530 |
| 150 | 15.830 | 35.124 | 25.883 | 0.553 |
| 160 | 15.067 | 35.056 | 26.001 | 0.574 |
| 170 | 14.156 | 34.982 | 26.141 | 0.594 |
| 180 | 13.617 | 34.939 | 26.221 | 0.612 |
| 190 | 13.231 | 34.920 | 26.285 | 0.630 |
| 200 | 12.390 | 34.859 | 26.405 | 0.648 |
| 250 | 11.635 | 34.840 | 26.535 | 0.728 |
| 300 | 10.966 | 34.796 | 26.624 | 0.804 |
| 350 | 10.346 | 34.758 | 26.704 | 0.876 |
| 400 | 9.689 | 34.716 | 26.783 | 0.945 |
| 450 | 9.168 | 34.682 | 26.843 | 1.011 |
| 500 | 8.617 | 34.652 | 26.906 | 1.074 |
| 550 | 8.022 | 34.620 | 26.972 | 1.134 |
| 600 | 7.438 | 34.590 | 27.035 | 1.192 |
| 650 | 6.790 | 34.561 | 27.102 | 1.246 |
| 700 | 6.334 | 34.544 | 27.149 | 1.298 |
| 750 | 5.889 | 34.532 | 27.197 | 1.347 |
| 800 | 5.593 | 34.527 | 27.230 | 1.395 |
| 900 | 4.852 | 34.525 | 27.316 | 1.484 |
| 1000 | 4.359 | 34.533 | 27.377 | 1.567 |
| 1004 | 4.338 | 34.533 | 27.379 | 1.570 |

CAST EP3-93-DI -021 DATE 07 SEP 93 TIME 0818 GMT

LAT 07 00.0S LONG 110 00.0W

CAST EP3-93-DI -021 DATE 07 SEP 93 TIME 0818 GMT
LAT 07 00.0S LONG 110 00.0W WEATHER 1 SEA STATE 5
BAROMETER 36 WIND DIR 115 T SPD 23 KT VISIBILITY 7
CLOUD 6 AMOUNT 6 DRY 24.9 WET 19.8 DEPTH 3536 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 24.536 | 35.199 | 23.633 | 0.000 |
| 10 | 24.535 | 35.199 | 23.634 | 0.043 |
| 20 | 24.532 | 35.200 | 23.636 | 0.085 |
| 30 | 24.536 | 35.200 | 23.634 | 0.128 |
| 40 | 24.534 | 35.201 | 23.636 | 0.170 |
| 50 | 24.520 | 35.204 | 23.642 | 0.213 |
| 60 | 24.499 | 35.207 | 23.651 | 0.256 |
| 70 | 24.385 | 35.203 | 23.682 | 0.298 |
| 80 | 24.156 | 35.162 | 23.719 | 0.340 |
| 90 | 23.987 | 35.162 | 23.769 | 0.382 |
| 100 | 23.430 | 35.166 | 23.937 | 0.423 |
| 110 | 20.822 | 35.368 | 24.824 | 0.460 |
| 120 | 19.241 | 35.404 | 25.270 | 0.489 |
| 130 | 18.408 | 35.352 | 25.441 | 0.516 |
| 140 | 17.767 | 35.298 | 25.559 | 0.541 |
| 150 | 16.415 | 35.166 | 25.781 | 0.564 |
| 160 | 15.049 | 35.041 | 25.994 | 0.586 |
| 170 | 13.913 | 34.976 | 26.188 | 0.605 |
| 180 | 13.443 | 34.949 | 26.264 | 0.624 |
| 190 | 12.885 | 34.915 | 26.351 | 0.641 |
| 200 | 12.666 | 34.906 | 26.387 | 0.658 |
| 250 | 11.913 | 34.863 | 26.500 | 0.740 |
| 300 | 11.232 | 34.814 | 26.589 | 0.818 |
| 350 | 10.588 | 34.774 | 26.673 | 0.892 |
| 400 | 9.892 | 34.730 | 26.760 | 0.962 |
| 450 | 9.262 | 34.691 | 26.834 | 1.029 |
| 500 | 8.521 | 34.648 | 26.919 | 1.092 |
| 550 | 7.762 | 34.608 | 27.001 | 1.151 |
| 600 | 7.247 | 34.582 | 27.055 | 1.207 |
| 650 | 6.744 | 34.560 | 27.108 | 1.261 |
| 700 | 6.273 | 34.546 | 27.159 | 1.312 |
| 750 | 5.853 | 34.537 | 27.206 | 1.361 |
| 800 | 5.513 | 34.531 | 27.243 | 1.408 |
| 900 | 4.989 | 34.531 | 27.305 | 1.497 |
| 1000 | 4.387 | 34.536 | 27.376 | 1.580 |
| 1001 | 4.378 | 34.536 | 27.377 | 1.581 |

CAST EP3-93-DI -022 DATE 07 SEP 93 TIME 1351 GMT

LAT 06 00.0S LONG 110 00.3W

CAST EP3-93-DI -022 DATE 07 SEP 93 TIME 1351 GMT
LAT 06 00.0S LONG 110 00.3W WEATHER 1 SEA STATE 5
BAROMETER 15 WIND DIR 090 T SPD 18 KT VISIBILITY 7
CLOUD 7 AMOUNT 6 DRY 25.0 WET 20.0 DEPTH 3543 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 24.713 | 35.260 | 23.627 | 0.000 |
| 10 | 24.716 | 35.261 | 23.626 | 0.043 |
| 20 | 24.714 | 35.261 | 23.627 | 0.085 |
| 30 | 24.718 | 35.262 | 23.626 | 0.128 |
| 40 | 24.715 | 35.262 | 23.627 | 0.171 |
| 50 | 24.630 | 35.250 | 23.644 | 0.213 |
| 60 | 24.564 | 35.236 | 23.653 | 0.256 |
| 70 | 24.152 | 35.163 | 23.721 | 0.298 |
| 80 | 23.961 | 35.125 | 23.749 | 0.340 |
| 90 | 23.112 | 35.164 | 24.027 | 0.381 |
| 100 | 20.941 | 35.349 | 24.777 | 0.417 |
| 110 | 18.336 | 35.295 | 25.415 | 0.446 |
| 120 | 16.840 | 35.205 | 25.711 | 0.471 |
| 130 | 15.947 | 35.143 | 25.871 | 0.493 |
| 140 | 14.599 | 35.013 | 26.070 | 0.514 |
| 150 | 14.026 | 34.961 | 26.152 | 0.533 |
| 160 | 13.491 | 34.953 | 26.257 | 0.552 |
| 170 | 12.911 | 34.920 | 26.350 | 0.569 |
| 180 | 12.571 | 34.903 | 26.404 | 0.586 |
| 190 | 12.283 | 34.885 | 26.446 | 0.603 |
| 200 | 12.082 | 34.872 | 26.475 | 0.619 |
| 250 | 11.327 | 34.820 | 26.576 | 0.697 |
| 300 | 10.765 | 34.784 | 26.650 | 0.771 |
| 350 | 10.189 | 34.749 | 26.724 | 0.842 |
| 400 | 9.283 | 34.697 | 26.835 | 0.909 |
| 450 | 8.577 | 34.657 | 26.917 | 0.972 |
| 500 | 7.944 | 34.626 | 26.989 | 1.032 |
| 550 | 7.256 | 34.594 | 27.063 | 1.088 |
| 600 | 6.825 | 34.574 | 27.108 | 1.141 |
| 650 | 6.297 | 34.556 | 27.164 | 1.192 |
| 700 | 6.005 | 34.547 | 27.195 | 1.241 |
| 750 | 5.736 | 34.540 | 27.223 | 1.288 |
| 800 | 5.328 | 34.535 | 27.268 | 1.334 |
| 900 | 4.777 | 34.535 | 27.332 | 1.421 |
| 1000 | 4.337 | 34.543 | 27.387 | 1.502 |
| 1010 | 4.310 | 34.544 | 27.391 | 1.510 |

CAST EP3-93-DI -023 DATE 07 SEP 93 TIME 1911 GMT

LAT 05 00.0S LONG 110 00.2W

CAST EP3-93-DI -023 DATE 07 SEP 93 TIME 1911 GMT
LAT 05 00.0S LONG 110 00.2W WEATHER 1 SEA STATE 5
BAROMETER 48 WIND DIR 110 T SPD 16 KT VISIBILITY 7
CLOUD 6 AMOUNT 6 DRY 25.4 WET 21.4 DEPTH 3603 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 24.587 | 35.210 | 23.626 | 0.000 |
| 10 | 24.569 | 35.211 | 23.633 | 0.043 |
| 20 | 24.550 | 35.210 | 23.638 | 0.085 |
| 30 | 24.531 | 35.210 | 23.644 | 0.128 |
| 40 | 24.529 | 35.213 | 23.646 | 0.170 |
| 50 | 24.529 | 35.215 | 23.648 | 0.213 |
| 60 | 24.517 | 35.226 | 23.660 | 0.255 |
| 70 | 23.260 | 35.378 | 24.147 | 0.296 |
| 80 | 19.580 | 35.341 | 25.134 | 0.329 |
| 90 | 18.174 | 35.254 | 25.425 | 0.357 |
| 100 | 15.776 | 35.132 | 25.901 | 0.380 |
| 110 | 14.287 | 35.032 | 26.151 | 0.400 |
| 120 | 13.617 | 34.970 | 26.244 | 0.419 |
| 130 | 13.289 | 34.938 | 26.287 | 0.436 |
| 140 | 13.178 | 34.924 | 26.299 | 0.454 |
| 150 | 13.023 | 34.910 | 26.320 | 0.472 |
| 160 | 12.947 | 34.906 | 26.331 | 0.489 |
| 170 | 12.890 | 34.902 | 26.340 | 0.506 |
| 180 | 12.827 | 34.898 | 26.349 | 0.523 |
| 190 | 12.723 | 34.893 | 26.366 | 0.540 |
| 200 | 12.676 | 34.891 | 26.373 | 0.557 |
| 250 | 12.294 | 34.870 | 26.432 | 0.641 |
| 300 | 11.477 | 34.825 | 26.552 | 0.722 |
| 350 | 10.777 | 34.782 | 26.646 | 0.798 |
| 400 | 9.739 | 34.722 | 26.779 | 0.867 |
| 450 | 8.945 | 34.678 | 26.875 | 0.932 |
| 500 | 8.189 | 34.636 | 26.960 | 0.993 |
| 550 | 7.558 | 34.605 | 27.029 | 1.051 |
| 600 | 6.877 | 34.573 | 27.100 | 1.105 |
| 650 | 6.472 | 34.560 | 27.144 | 1.157 |
| 700 | 6.006 | 34.546 | 27.193 | 1.206 |
| 750 | 5.667 | 34.539 | 27.230 | 1.254 |
| 800 | 5.431 | 34.537 | 27.258 | 1.300 |
| 900 | 4.813 | 34.532 | 27.326 | 1.387 |
| 1000 | 4.364 | 34.542 | 27.383 | 1.469 |
| 1000 | 4.364 | 34.542 | 27.383 | 1.469 |

CAST EP3-93-DI -024 DATE 08 SEP 93 TIME 0155 GMT

LAT 04 00.5S LONG 110 00.4W

CAST EP3-93-DI -024 DATE 08 SEP 93 TIME 0155 GMT
LAT 04 00.5S LONG 110 00.4W WEATHER 1 SEA STATE 4
BAROMETER 13 WIND DIR 100 T SPD 13 KT VISIBILITY 6
CLOUD 6 AMOUNT 5 DRY 23.8 WET 20.6 DEPTH 3618 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 24.434 | 35.195 | 23.661 | 0.000 |
| 10 | 24.432 | 35.195 | 23.662 | 0.042 |
| 20 | 24.329 | 35.183 | 23.684 | 0.085 |
| 30 | 24.221 | 35.187 | 23.719 | 0.126 |
| 40 | 24.079 | 35.197 | 23.769 | 0.168 |
| 50 | 22.998 | 35.235 | 24.114 | 0.208 |
| 60 | 20.134 | 35.277 | 24.939 | 0.242 |
| 70 | 17.811 | 35.063 | 25.368 | 0.271 |
| 80 | 15.680 | 35.045 | 25.856 | 0.294 |
| 90 | 14.600 | 35.009 | 26.067 | 0.314 |
| 100 | 14.209 | 34.984 | 26.131 | 0.333 |
| 110 | 13.881 | 34.967 | 26.187 | 0.352 |
| 120 | 13.832 | 34.965 | 26.196 | 0.371 |
| 130 | 13.654 | 34.946 | 26.219 | 0.389 |
| 140 | 13.523 | 34.944 | 26.244 | 0.407 |
| 150 | 13.475 | 34.942 | 26.253 | 0.425 |
| 160 | 13.412 | 34.938 | 26.262 | 0.443 |
| 170 | 13.296 | 34.930 | 26.280 | 0.461 |
| 180 | 13.232 | 34.924 | 26.288 | 0.479 |
| 190 | 13.183 | 34.916 | 26.291 | 0.496 |
| 200 | 13.091 | 34.915 | 26.310 | 0.514 |
| 250 | 12.777 | 34.899 | 26.360 | 0.601 |
| 300 | 12.185 | 34.866 | 26.450 | 0.686 |
| 350 | 11.460 | 34.823 | 26.554 | 0.766 |
| 400 | 10.673 | 34.775 | 26.660 | 0.842 |
| 450 | 9.063 | 34.685 | 26.862 | 0.910 |
| 500 | 8.138 | 34.637 | 26.968 | 0.971 |
| 550 | 7.228 | 34.593 | 27.067 | 1.028 |
| 600 | 6.546 | 34.562 | 27.136 | 1.080 |
| 650 | 6.090 | 34.550 | 27.186 | 1.129 |
| 700 | 5.862 | 34.547 | 27.212 | 1.177 |
| 750 | 5.631 | 34.554 | 27.247 | 1.224 |
| 800 | 5.306 | 34.549 | 27.282 | 1.269 |
| 900 | 4.857 | 34.541 | 27.328 | 1.355 |
| 1000 | 4.489 | 34.548 | 27.375 | 1.438 |
| 1001 | 4.487 | 34.548 | 27.375 | 1.439 |

CAST EP3-93-DI -025 DATE 08 SEP 93 TIME 0715 GMT

LAT 02 59.4S LONG 110 00.9W

CAST EP3-93-DI -025 DATE 08 SEP 93 TIME 0715 GMT
LAT 02 59.4S LONG 110 00.9W WEATHER 1 SEA STATE 4
BAROMETER 45 WIND DIR 105 T SPD 17 KT VISIBILITY 7
CLOUD 6 AMOUNT 3 DRY 23.4 WET 21.2 DEPTH 3787 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 23.821 | 35.065 | 23.745 | 0.000 |
| 10 | 23.826 | 35.065 | 23.743 | 0.041 |
| 20 | 23.825 | 35.065 | 23.744 | 0.083 |
| 30 | 23.728 | 35.062 | 23.770 | 0.124 |
| 40 | 22.283 | 35.083 | 24.203 | 0.165 |
| 50 | 16.107 | 35.171 | 25.856 | 0.193 |
| 60 | 14.693 | 35.020 | 26.056 | 0.214 |
| 70 | 14.315 | 34.995 | 26.118 | 0.233 |
| 80 | 14.232 | 34.992 | 26.132 | 0.252 |
| 90 | 14.201 | 34.990 | 26.138 | 0.271 |
| 100 | 14.181 | 34.988 | 26.140 | 0.290 |
| 110 | 14.140 | 34.985 | 26.147 | 0.309 |
| 120 | 14.069 | 34.980 | 26.158 | 0.328 |
| 130 | 13.913 | 34.965 | 26.179 | 0.347 |
| 140 | 13.825 | 34.959 | 26.193 | 0.365 |
| 150 | 13.634 | 34.950 | 26.226 | 0.384 |
| 160 | 13.462 | 34.949 | 26.260 | 0.402 |
| 170 | 13.254 | 34.933 | 26.290 | 0.420 |
| 180 | 13.060 | 34.915 | 26.316 | 0.437 |
| 190 | 13.011 | 34.911 | 26.323 | 0.455 |
| 200 | 12.901 | 34.905 | 26.340 | 0.472 |
| 250 | 12.653 | 34.894 | 26.381 | 0.558 |
| 300 | 12.033 | 34.858 | 26.473 | 0.641 |
| 350 | 10.998 | 34.795 | 26.617 | 0.720 |
| 400 | 9.979 | 34.736 | 26.749 | 0.792 |
| 450 | 8.817 | 34.672 | 26.891 | 0.857 |
| 500 | 8.018 | 34.625 | 26.977 | 0.918 |
| 550 | 7.527 | 34.598 | 27.028 | 0.975 |
| 600 | 7.110 | 34.584 | 27.076 | 1.030 |
| 650 | 6.758 | 34.575 | 27.118 | 1.083 |
| 700 | 6.112 | 34.561 | 27.192 | 1.133 |
| 750 | 5.805 | 34.560 | 27.230 | 1.181 |
| 800 | 5.392 | 34.553 | 27.275 | 1.226 |
| 900 | 4.849 | 34.549 | 27.335 | 1.313 |
| 1000 | 4.513 | 34.554 | 27.377 | 1.395 |
| 1011 | 4.468 | 34.555 | 27.382 | 1.403 |

CAST EP3-93-DI -026 DATE 09 SEP 93 TIME 0340 GMT

LAT 02 00.7S LONG 110 00.2W

CAST EP3-93-DI -026 DATE 09 SEP 93 TIME 0340 GMT
LAT 02 00.7S LONG 110 00.2W WEATHER 2 SEA STATE 4
BAROMETER 12 WIND DIR 140 T SPD 14 KT VISIBILITY 7
CLOUD 0 AMOUNT 6 DRY 23.8 WET 21.5 DEPTH 3903 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 23.238 | 34.664 | 23.611 | 0.000 |
| 10 | 23.244 | 34.664 | 23.610 | 0.043 |
| 20 | 23.194 | 34.666 | 23.626 | 0.085 |
| 30 | 23.016 | 34.699 | 23.702 | 0.128 |
| 40 | 22.478 | 34.882 | 23.995 | 0.169 |
| 50 | 21.703 | 35.047 | 24.338 | 0.206 |
| 60 | 17.214 | 35.130 | 25.564 | 0.238 |
| 70 | 15.004 | 35.025 | 25.991 | 0.259 |
| 80 | 14.570 | 35.002 | 26.068 | 0.279 |
| 90 | 14.009 | 34.973 | 26.165 | 0.298 |
| 100 | 13.817 | 34.961 | 26.196 | 0.317 |
| 110 | 13.730 | 34.954 | 26.209 | 0.335 |
| 120 | 13.601 | 34.944 | 26.228 | 0.353 |
| 130 | 13.428 | 34.934 | 26.255 | 0.371 |
| 140 | 13.229 | 34.921 | 26.286 | 0.389 |
| 150 | 13.093 | 34.910 | 26.305 | 0.407 |
| 160 | 13.036 | 34.904 | 26.312 | 0.424 |
| 170 | 12.982 | 34.899 | 26.319 | 0.442 |
| 180 | 12.960 | 34.898 | 26.323 | 0.459 |
| 190 | 12.916 | 34.895 | 26.329 | 0.476 |
| 200 | 12.892 | 34.894 | 26.333 | 0.494 |
| 250 | 12.767 | 34.892 | 26.356 | 0.580 |
| 300 | 12.433 | 34.876 | 26.410 | 0.666 |
| 350 | 10.974 | 34.796 | 26.622 | 0.747 |
| 400 | 9.258 | 34.692 | 26.836 | 0.816 |
| 450 | 8.430 | 34.649 | 26.933 | 0.877 |
| 500 | 7.798 | 34.612 | 26.999 | 0.936 |
| 550 | 7.331 | 34.591 | 27.050 | 0.992 |
| 600 | 6.807 | 34.567 | 27.104 | 1.046 |
| 650 | 6.335 | 34.551 | 27.155 | 1.097 |
| 700 | 5.915 | 34.540 | 27.200 | 1.146 |
| 750 | 5.672 | 34.538 | 27.229 | 1.193 |
| 800 | 5.369 | 34.544 | 27.270 | 1.239 |
| 900 | 4.736 | 34.548 | 27.347 | 1.325 |
| 1000 | 4.374 | 34.552 | 27.391 | 1.405 |
| 1002 | 4.371 | 34.552 | 27.390 | 1.407 |

CAST EP3-93-DI -027 DATE 09 SEP 93 TIME 0929 GMT

LAT 00 59.5S LONG 109 59.9W

CAST EP3-93-DI -027 DATE 09 SEP 93 TIME 0929 GMT
LAT 00 59.5S LONG 109 59.9W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 120 T SPD 12 KT VISIBILITY 7
CLOUD 8 AMOUNT 7 DRY 22.9 WET 21.1 DEPTH 3978 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 22.382 | 34.838 | 23.989 | 0.000 |
| 10 | 22.380 | 34.839 | 23.990 | 0.039 |
| 20 | 22.340 | 34.847 | 24.007 | 0.078 |
| 30 | 22.225 | 34.856 | 24.046 | 0.117 |
| 40 | 21.881 | 34.955 | 24.218 | 0.155 |
| 50 | 21.448 | 35.072 | 24.428 | 0.191 |
| 60 | 19.151 | 35.357 | 25.257 | 0.223 |
| 70 | 17.030 | 35.258 | 25.707 | 0.248 |
| 80 | 14.555 | 35.067 | 26.121 | 0.269 |
| 90 | 14.054 | 35.018 | 26.190 | 0.287 |
| 100 | 13.760 | 34.987 | 26.228 | 0.306 |
| 110 | 13.251 | 34.931 | 26.289 | 0.323 |
| 120 | 13.126 | 34.918 | 26.305 | 0.341 |
| 130 | 13.006 | 34.905 | 26.319 | 0.358 |
| 140 | 12.938 | 34.903 | 26.331 | 0.376 |
| 150 | 12.923 | 34.902 | 26.333 | 0.393 |
| 160 | 12.869 | 34.898 | 26.341 | 0.410 |
| 170 | 12.821 | 34.895 | 26.348 | 0.427 |
| 180 | 12.795 | 34.894 | 26.352 | 0.444 |
| 190 | 12.767 | 34.893 | 26.357 | 0.461 |
| 200 | 12.705 | 34.890 | 26.367 | 0.479 |
| 250 | 12.452 | 34.875 | 26.405 | 0.563 |
| 300 | 11.906 | 34.838 | 26.482 | 0.646 |
| 350 | 11.106 | 34.793 | 26.595 | 0.724 |
| 400 | 9.916 | 34.718 | 26.746 | 0.797 |
| 450 | 9.027 | 34.670 | 26.856 | 0.864 |
| 500 | 8.252 | 34.629 | 26.945 | 0.925 |
| 550 | 7.615 | 34.597 | 27.015 | 0.984 |
| 600 | 7.178 | 34.584 | 27.067 | 1.039 |
| 650 | 6.846 | 34.568 | 27.100 | 1.093 |
| 700 | 6.101 | 34.547 | 27.182 | 1.144 |
| 750 | 5.878 | 34.544 | 27.208 | 1.192 |
| 800 | 5.576 | 34.539 | 27.242 | 1.239 |
| 900 | 5.044 | 34.540 | 27.306 | 1.328 |
| 1000 | 4.321 | 34.549 | 27.394 | 1.411 |
| 1002 | 4.314 | 34.549 | 27.395 | 1.412 |

CAST EP3-93-DI -028 DATE 10 SEP 93 TIME 0427 GMT

LAT 00 00.0S LONG 110 00.5W

CAST EP3-93-DI -028 DATE 10 SEP 93 TIME 0427 GMT
LAT 00 00.0S LONG 110 00.5W WEATHER 1 SEA STATE 3
BAROMETER 14 WIND DIR 085 T SPD 07 KT VISIBILITY 7
CLOUD 6 AMOUNT 6 DRY 23.0 WET 21.5 DEPTH 3802 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 22.008 | 34.844 | 24.098 | 0.000 |
| 10 | 22.006 | 34.844 | 24.099 | 0.038 |
| 20 | 21.869 | 34.867 | 24.155 | 0.076 |
| 30 | 21.580 | 34.892 | 24.254 | 0.113 |
| 40 | 21.212 | 34.904 | 24.364 | 0.149 |
| 50 | 20.685 | 34.934 | 24.530 | 0.184 |
| 60 | 20.189 | 34.972 | 24.692 | 0.218 |
| 70 | 18.863 | 35.101 | 25.135 | 0.249 |
| 80 | 16.069 | 35.056 | 25.776 | 0.273 |
| 90 | 15.581 | 35.008 | 25.850 | 0.294 |
| 100 | 15.001 | 34.963 | 25.944 | 0.316 |
| 110 | 14.438 | 34.957 | 26.062 | 0.336 |
| 120 | 13.854 | 34.908 | 26.147 | 0.355 |
| 130 | 13.652 | 34.883 | 26.170 | 0.374 |
| 140 | 13.625 | 34.900 | 26.189 | 0.393 |
| 150 | 13.520 | 34.896 | 26.207 | 0.411 |
| 160 | 13.329 | 34.872 | 26.228 | 0.430 |
| 170 | 13.218 | 34.893 | 26.267 | 0.448 |
| 180 | 13.137 | 34.895 | 26.285 | 0.466 |
| 190 | 13.077 | 34.893 | 26.295 | 0.483 |
| 200 | 13.033 | 34.893 | 26.304 | 0.501 |
| 250 | 12.630 | 34.878 | 26.373 | 0.588 |
| 300 | 11.970 | 34.828 | 26.461 | 0.673 |
| 350 | 11.106 | 34.785 | 26.589 | 0.753 |
| 400 | 10.120 | 34.726 | 26.718 | 0.826 |
| 450 | 8.736 | 34.652 | 26.888 | 0.894 |
| 500 | 8.349 | 34.634 | 26.934 | 0.955 |
| 550 | 7.990 | 34.615 | 26.973 | 1.014 |
| 600 | 7.370 | 34.588 | 27.042 | 1.072 |
| 650 | 7.184 | 34.587 | 27.068 | 1.127 |
| 700 | 6.462 | 34.556 | 27.142 | 1.180 |
| 750 | 5.963 | 34.548 | 27.201 | 1.229 |
| 800 | 5.536 | 34.542 | 27.248 | 1.276 |
| 900 | 5.103 | 34.541 | 27.299 | 1.366 |
| 1000 | 4.519 | 34.549 | 27.372 | 1.450 |
| 1003 | 4.508 | 34.548 | 27.373 | 1.452 |

CAST EP3-93-DI -029 DATE 10 SEP 93 TIME 0749 GMT

LAT 00 29.9N LONG 109 59.9W

CAST EP3-93-DI -029 DATE 10 SEP 93 TIME 0749 GMT
LAT 00 29.9N LONG 109 59.9W WEATHER 2 SEA STATE 3
BAROMETER 12 WIND DIR 060 T SPD 11 KT VISIBILITY 8
CLOUD X AMOUNT 8 DRY 22.5 WET 21.2 DEPTH 3803 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 21.828 | 34.790 | 24.108 | 0.000 |
| 10 | 21.815 | 34.790 | 24.111 | 0.038 |
| 20 | 21.628 | 34.793 | 24.166 | 0.076 |
| 30 | 21.517 | 34.809 | 24.208 | 0.113 |
| 40 | 21.357 | 34.822 | 24.262 | 0.150 |
| 50 | 21.114 | 34.839 | 24.342 | 0.186 |
| 60 | 20.778 | 34.847 | 24.439 | 0.222 |
| 70 | 19.970 | 34.917 | 24.707 | 0.255 |
| 80 | 19.249 | 34.949 | 24.920 | 0.287 |
| 90 | 17.846 | 35.082 | 25.374 | 0.315 |
| 100 | 16.848 | 35.152 | 25.668 | 0.340 |
| 110 | 15.743 | 34.941 | 25.762 | 0.363 |
| 120 | 15.134 | 34.871 | 25.844 | 0.385 |
| 130 | 14.630 | 34.822 | 25.916 | 0.407 |
| 140 | 14.309 | 34.814 | 25.978 | 0.428 |
| 150 | 14.115 | 34.813 | 26.019 | 0.448 |
| 160 | 13.855 | 34.807 | 26.069 | 0.468 |
| 170 | 13.647 | 34.830 | 26.130 | 0.488 |
| 180 | 13.588 | 34.846 | 26.155 | 0.507 |
| 190 | 13.538 | 34.845 | 26.164 | 0.526 |
| 200 | 13.410 | 34.863 | 26.205 | 0.545 |
| 250 | 12.822 | 34.886 | 26.341 | 0.634 |
| 300 | 12.582 | 34.874 | 26.379 | 0.720 |
| 350 | 11.500 | 34.808 | 26.535 | 0.803 |
| 400 | 10.301 | 34.735 | 26.694 | 0.878 |
| 450 | 9.018 | 34.664 | 26.852 | 0.946 |
| 500 | 8.198 | 34.626 | 26.951 | 1.007 |
| 550 | 7.738 | 34.602 | 27.000 | 1.065 |
| 600 | 7.391 | 34.591 | 27.042 | 1.122 |
| 650 | 6.934 | 34.581 | 27.098 | 1.176 |
| 700 | 6.307 | 34.556 | 27.162 | 1.227 |
| 750 | 5.991 | 34.551 | 27.199 | 1.277 |
| 800 | 5.581 | 34.544 | 27.245 | 1.324 |
| 900 | 4.877 | 34.541 | 27.326 | 1.413 |
| 1000 | 4.402 | 34.550 | 27.386 | 1.495 |
| 1002 | 4.395 | 34.550 | 27.387 | 1.496 |

CAST EP3-93-DI -030 DATE 10 SEP 93 TIME 1106 GMT

LAT 00 59.8N LONG 110 00.2W

CAST EP3-93-DI -030 DATE 10 SEP 93 TIME 1106 GMT
LAT 00 59.8N LONG 110 00.2W WEATHER 1 SEA STATE 3
BAROMETER 15 WIND DIR 110 T SPD 10 KT VISIBILITY 9
CLOUD 7 AMOUNT 6 DRY 22.8 WET 20.2 DEPTH 3821 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 22.119 | 34.627 | 23.903 | 0.000 |
| 10 | 22.056 | 34.641 | 23.931 | 0.040 |
| 20 | 21.806 | 34.722 | 24.062 | 0.079 |
| 30 | 21.617 | 34.779 | 24.158 | 0.117 |
| 40 | 21.209 | 34.820 | 24.302 | 0.154 |
| 50 | 20.675 | 34.831 | 24.455 | 0.190 |
| 60 | 20.008 | 34.831 | 24.632 | 0.224 |
| 70 | 18.464 | 34.806 | 25.009 | 0.255 |
| 80 | 16.504 | 34.788 | 25.469 | 0.282 |
| 90 | 15.726 | 34.822 | 25.674 | 0.306 |
| 100 | 15.285 | 34.848 | 25.793 | 0.329 |
| 110 | 14.803 | 34.853 | 25.902 | 0.351 |
| 120 | 14.585 | 34.885 | 25.974 | 0.372 |
| 130 | 14.207 | 34.917 | 26.080 | 0.392 |
| 140 | 14.039 | 34.936 | 26.130 | 0.411 |
| 150 | 13.865 | 34.925 | 26.158 | 0.430 |
| 160 | 13.663 | 34.914 | 26.192 | 0.449 |
| 170 | 13.598 | 34.913 | 26.204 | 0.468 |
| 180 | 13.440 | 34.915 | 26.239 | 0.486 |
| 190 | 13.330 | 34.912 | 26.259 | 0.504 |
| 200 | 13.260 | 34.910 | 26.271 | 0.522 |
| 250 | 12.818 | 34.885 | 26.341 | 0.610 |
| 300 | 12.059 | 34.832 | 26.448 | 0.696 |
| 350 | 11.088 | 34.786 | 26.594 | 0.774 |
| 400 | 9.639 | 34.690 | 26.771 | 0.846 |
| 450 | 8.661 | 34.644 | 26.894 | 0.911 |
| 500 | 7.983 | 34.611 | 26.971 | 0.971 |
| 550 | 7.711 | 34.602 | 27.005 | 1.029 |
| 600 | 7.308 | 34.583 | 27.047 | 1.085 |
| 650 | 7.005 | 34.580 | 27.088 | 1.139 |
| 700 | 6.515 | 34.569 | 27.146 | 1.191 |
| 750 | 5.984 | 34.553 | 27.201 | 1.241 |
| 800 | 5.630 | 34.544 | 27.239 | 1.289 |
| 900 | 5.025 | 34.543 | 27.310 | 1.379 |
| 1000 | 4.567 | 34.551 | 27.368 | 1.463 |
| 1005 | 4.537 | 34.550 | 27.371 | 1.467 |

CAST EP3-93-DI -031 DATE 10 SEP 93 TIME 1428 GMT

LAT 01 30.2N LONG 110 00.6W

CAST EP3-93-DI -031 DATE 10 SEP 93 TIME 1428 GMT
LAT 01 30.2N LONG 110 00.6W WEATHER 2 SEA STATE 3
BAROMETER 13 WIND DIR 120 T SPD 12 KT VISIBILITY 7
CLOUD 8 AMOUNT 8 DRY 23.1 WET 21.0 DEPTH 3772 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 22.134 | 34.571 | 23.856 | 0.000 |
| 10 | 22.119 | 34.573 | 23.861 | 0.040 |
| 20 | 21.918 | 34.651 | 23.977 | 0.081 |
| 30 | 21.932 | 34.646 | 23.970 | 0.120 |
| 40 | 21.760 | 34.727 | 24.079 | 0.159 |
| 50 | 21.297 | 34.731 | 24.210 | 0.197 |
| 60 | 20.682 | 34.713 | 24.363 | 0.233 |
| 70 | 19.277 | 34.693 | 24.717 | 0.268 |
| 80 | 18.920 | 34.745 | 24.848 | 0.299 |
| 90 | 18.074 | 34.767 | 25.077 | 0.329 |
| 100 | 17.248 | 34.820 | 25.318 | 0.357 |
| 110 | 16.029 | 34.939 | 25.695 | 0.383 |
| 120 | 15.566 | 34.974 | 25.827 | 0.405 |
| 130 | 15.206 | 34.979 | 25.911 | 0.427 |
| 140 | 14.993 | 34.970 | 25.951 | 0.448 |
| 150 | 14.676 | 34.949 | 26.004 | 0.468 |
| 160 | 14.175 | 34.938 | 26.103 | 0.488 |
| 170 | 14.032 | 34.944 | 26.138 | 0.508 |
| 180 | 13.964 | 34.943 | 26.151 | 0.527 |
| 190 | 13.939 | 34.943 | 26.156 | 0.546 |
| 200 | 13.859 | 34.938 | 26.169 | 0.565 |
| 250 | 13.143 | 34.899 | 26.287 | 0.657 |
| 300 | 12.378 | 34.846 | 26.397 | 0.745 |
| 350 | 11.343 | 34.768 | 26.533 | 0.827 |
| 400 | 10.047 | 34.697 | 26.708 | 0.901 |
| 450 | 8.570 | 34.637 | 26.902 | 0.967 |
| 500 | 7.756 | 34.600 | 26.996 | 1.026 |
| 550 | 7.177 | 34.578 | 27.062 | 1.082 |
| 600 | 7.014 | 34.580 | 27.086 | 1.136 |
| 650 | 6.674 | 34.566 | 27.122 | 1.189 |
| 700 | 6.302 | 34.565 | 27.170 | 1.239 |
| 750 | 5.784 | 34.555 | 27.228 | 1.288 |
| 800 | 5.359 | 34.543 | 27.271 | 1.333 |
| 900 | 4.760 | 34.552 | 27.347 | 1.420 |
| 1000 | 4.411 | 34.554 | 27.388 | 1.501 |
| 1002 | 4.408 | 34.555 | 27.389 | 1.502 |

CAST EP3-93-DI -032 DATE 11 SEP 93 TIME 0735 GMT

LAT 01 59.9N LONG 110 00.0W

CAST EP3-93-DI -032 DATE 11 SEP 93 TIME 0735 GMT
LAT 01 59.9N LONG 110 00.0W WEATHER 2 SEA STATE 3
BAROMETER 35 WIND DIR 120 T SPD 16 KT VISIBILITY 8
CLOUD X AMOUNT 8 DRY 23.7 WET 20.8 DEPTH 3760 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 23.438 | 34.167 | 23.178 | 0.000 |
| 10 | 23.406 | 34.176 | 23.193 | 0.047 |
| 20 | 23.332 | 34.197 | 23.231 | 0.093 |
| 30 | 22.852 | 34.324 | 23.465 | 0.139 |
| 40 | 22.285 | 34.503 | 23.761 | 0.182 |
| 50 | 21.830 | 34.618 | 23.977 | 0.222 |
| 60 | 20.977 | 34.769 | 24.325 | 0.259 |
| 70 | 20.446 | 34.683 | 24.403 | 0.295 |
| 80 | 17.780 | 34.846 | 25.209 | 0.328 |
| 90 | 16.567 | 34.904 | 25.544 | 0.354 |
| 100 | 15.443 | 34.950 | 25.836 | 0.377 |
| 110 | 15.262 | 34.975 | 25.896 | 0.398 |
| 120 | 14.975 | 34.968 | 25.953 | 0.419 |
| 130 | 14.574 | 34.940 | 26.019 | 0.440 |
| 140 | 14.269 | 34.938 | 26.083 | 0.460 |
| 150 | 14.233 | 34.938 | 26.090 | 0.479 |
| 160 | 14.142 | 34.937 | 26.109 | 0.499 |
| 170 | 13.923 | 34.930 | 26.150 | 0.518 |
| 180 | 13.813 | 34.929 | 26.173 | 0.537 |
| 190 | 13.574 | 34.924 | 26.217 | 0.556 |
| 200 | 13.372 | 34.915 | 26.252 | 0.574 |
| 250 | 12.807 | 34.871 | 26.332 | 0.663 |
| 300 | 11.967 | 34.812 | 26.450 | 0.748 |
| 350 | 10.890 | 34.741 | 26.594 | 0.827 |
| 400 | 9.416 | 34.671 | 26.793 | 0.898 |
| 450 | 8.344 | 34.627 | 26.929 | 0.961 |
| 500 | 7.610 | 34.590 | 27.009 | 1.019 |
| 550 | 7.210 | 34.575 | 27.055 | 1.075 |
| 600 | 6.815 | 34.562 | 27.100 | 1.128 |
| 650 | 6.536 | 34.555 | 27.131 | 1.180 |
| 700 | 6.313 | 34.559 | 27.164 | 1.231 |
| 750 | 5.834 | 34.554 | 27.222 | 1.279 |
| 800 | 5.415 | 34.549 | 27.269 | 1.325 |
| 900 | 5.035 | 34.550 | 27.315 | 1.413 |
| 1000 | 4.496 | 34.555 | 27.380 | 1.497 |
| 1000 | 4.496 | 34.555 | 27.380 | 1.497 |

CAST EP3-93-DI -033 DATE 12 SEP 93 TIME 0214 GMT

LAT 03 00.5N LONG 110 00.4W

CAST EP3-93-DI -033 DATE 12 SEP 93 TIME 0214 GMT
LAT 03 00.5N LONG 110 00.4W WEATHER 1 SEA STATE 3
BAROMETER 12 WIND DIR 130 T SPD 15 KT VISIBILITY 7
CLOUD X AMOUNT 9 DRY 24.9 WET 21.6 DEPTH 3905 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 25.311 | 34.036 | 22.521 | 0.000 |
| 10 | 25.296 | 34.037 | 22.526 | 0.053 |
| 20 | 24.948 | 34.069 | 22.655 | 0.106 |
| 30 | 24.051 | 34.158 | 22.990 | 0.157 |
| 40 | 22.578 | 34.472 | 23.656 | 0.202 |
| 50 | 22.212 | 34.601 | 23.857 | 0.243 |
| 60 | 22.150 | 34.602 | 23.875 | 0.284 |
| 70 | 21.050 | 34.737 | 24.281 | 0.323 |
| 80 | 19.053 | 34.774 | 24.836 | 0.357 |
| 90 | 15.628 | 34.932 | 25.781 | 0.383 |
| 100 | 15.453 | 34.952 | 25.835 | 0.405 |
| 110 | 14.754 | 34.939 | 25.980 | 0.426 |
| 120 | 14.649 | 34.938 | 26.001 | 0.446 |
| 130 | 14.326 | 34.933 | 26.067 | 0.466 |
| 140 | 14.072 | 34.927 | 26.116 | 0.486 |
| 150 | 13.957 | 34.925 | 26.139 | 0.505 |
| 160 | 13.796 | 34.919 | 26.168 | 0.524 |
| 170 | 13.596 | 34.922 | 26.211 | 0.543 |
| 180 | 13.400 | 34.907 | 26.241 | 0.561 |
| 190 | 13.334 | 34.903 | 26.251 | 0.579 |
| 200 | 13.110 | 34.884 | 26.282 | 0.597 |
| 250 | 12.492 | 34.850 | 26.378 | 0.685 |
| 300 | 11.685 | 34.793 | 26.489 | 0.768 |
| 350 | 10.572 | 34.712 | 26.628 | 0.845 |
| 400 | 9.508 | 34.673 | 26.779 | 0.916 |
| 450 | 8.624 | 34.641 | 26.896 | 0.981 |
| 500 | 7.744 | 34.597 | 26.996 | 1.039 |
| 550 | 7.156 | 34.572 | 27.060 | 1.095 |
| 600 | 6.834 | 34.571 | 27.104 | 1.149 |
| 650 | 6.563 | 34.556 | 27.129 | 1.200 |
| 700 | 6.207 | 34.551 | 27.171 | 1.251 |
| 750 | 5.959 | 34.550 | 27.203 | 1.300 |
| 800 | 5.660 | 34.548 | 27.238 | 1.347 |
| 900 | 4.898 | 34.551 | 27.331 | 1.436 |
| 1000 | 4.443 | 34.551 | 27.382 | 1.518 |
| 1004 | 4.432 | 34.552 | 27.384 | 1.521 |

CAST EP3-93-DI -034 DATE 12 SEP 93 TIME 0641 GMT

LAT 04 00.2N LONG 109 59.9W

CAST EP3-93-DI -034 DATE 12 SEP 93 TIME 0641 GMT
LAT 04 00.2N LONG 109 59.9W WEATHER 1 SEA STATE 3
BAROMETER 40 WIND DIR 110 T SPD 08 KT VISIBILITY 8
CLOUD x AMOUNT 2 DRY 25.5 WET 22.5 DEPTH 3890 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 25.276 | 34.062 | 22.550 | 0.000 |
| 10 | 25.249 | 34.063 | 22.559 | 0.053 |
| 20 | 25.042 | 34.068 | 22.626 | 0.106 |
| 30 | 24.425 | 34.094 | 22.831 | 0.157 |
| 40 | 24.038 | 34.114 | 22.961 | 0.206 |
| 50 | 23.845 | 34.131 | 23.031 | 0.255 |
| 60 | 23.378 | 34.285 | 23.284 | 0.303 |
| 70 | 22.672 | 34.547 | 23.685 | 0.346 |
| 80 | 22.286 | 34.636 | 23.863 | 0.388 |
| 90 | 21.811 | 34.672 | 24.023 | 0.428 |
| 100 | 20.698 | 34.801 | 24.425 | 0.465 |
| 110 | 18.136 | 34.836 | 25.114 | 0.496 |
| 120 | 15.851 | 34.888 | 25.696 | 0.523 |
| 130 | 14.631 | 34.930 | 25.999 | 0.545 |
| 140 | 14.235 | 34.925 | 26.080 | 0.565 |
| 150 | 13.904 | 34.923 | 26.148 | 0.584 |
| 160 | 13.723 | 34.918 | 26.183 | 0.603 |
| 170 | 13.481 | 34.911 | 26.227 | 0.621 |
| 180 | 13.390 | 34.911 | 26.246 | 0.639 |
| 190 | 13.288 | 34.904 | 26.261 | 0.658 |
| 200 | 13.158 | 34.894 | 26.280 | 0.676 |
| 250 | 12.552 | 34.853 | 26.369 | 0.763 |
| 300 | 11.684 | 34.796 | 26.491 | 0.846 |
| 350 | 10.995 | 34.752 | 26.584 | 0.925 |
| 400 | 10.014 | 34.690 | 26.708 | 0.998 |
| 450 | 9.260 | 34.662 | 26.812 | 1.067 |
| 500 | 8.665 | 34.638 | 26.888 | 1.131 |
| 550 | 7.823 | 34.606 | 26.991 | 1.191 |
| 600 | 6.961 | 34.577 | 27.091 | 1.247 |
| 650 | 6.325 | 34.558 | 27.162 | 1.298 |
| 700 | 5.941 | 34.548 | 27.203 | 1.347 |
| 750 | 5.665 | 34.546 | 27.236 | 1.394 |
| 800 | 5.451 | 34.545 | 27.261 | 1.440 |
| 900 | 4.833 | 34.547 | 27.335 | 1.526 |
| 1000 | 4.450 | 34.552 | 27.382 | 1.608 |
| 1000 | 4.450 | 34.552 | 27.382 | 1.608 |

CAST EP3-93-DI -035 DATE 12 SEP 93 TIME 1141 GMT

LAT 05 00.3N LONG 109 59.9W

CAST EP3-93-DI -035 DATE 12 SEP 93 TIME 1141 GMT
LAT 05 00.3N LONG 109 59.9W WEATHER 0 SEA STATE 2
BAROMETER 11 WIND DIR 115 T SPD 04 KT VISIBILITY 9
CLOUD X AMOUNT 0 DRY 25.1 WET 22.2 DEPTH 3899 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.042 | 33.816 | 21.815 | 0.000 |
| 10 | 27.038 | 33.816 | 21.816 | 0.060 |
| 20 | 27.042 | 33.819 | 21.817 | 0.120 |
| 30 | 27.044 | 33.821 | 21.818 | 0.180 |
| 40 | 26.998 | 33.970 | 21.945 | 0.239 |
| 50 | 26.934 | 33.989 | 21.979 | 0.298 |
| 60 | 24.319 | 34.375 | 23.075 | 0.356 |
| 70 | 23.168 | 34.563 | 23.555 | 0.401 |
| 80 | 22.241 | 34.672 | 23.902 | 0.442 |
| 90 | 21.088 | 34.641 | 24.198 | 0.481 |
| 100 | 20.178 | 34.785 | 24.552 | 0.517 |
| 110 | 18.367 | 34.738 | 24.982 | 0.550 |
| 120 | 16.844 | 34.701 | 25.322 | 0.578 |
| 130 | 14.373 | 34.652 | 25.840 | 0.602 |
| 140 | 13.728 | 34.654 | 25.977 | 0.624 |
| 150 | 13.348 | 34.661 | 26.061 | 0.644 |
| 160 | 12.684 | 34.614 | 26.157 | 0.663 |
| 170 | 12.317 | 34.605 | 26.222 | 0.682 |
| 180 | 12.179 | 34.602 | 26.246 | 0.700 |
| 190 | 11.906 | 34.611 | 26.305 | 0.718 |
| 200 | 11.790 | 34.617 | 26.332 | 0.735 |
| 250 | 11.081 | 34.661 | 26.497 | 0.818 |
| 300 | 10.893 | 34.721 | 26.578 | 0.896 |
| 350 | 10.302 | 34.702 | 26.668 | 0.970 |
| 400 | 9.817 | 34.684 | 26.736 | 1.041 |
| 450 | 9.188 | 34.656 | 26.819 | 1.108 |
| 500 | 8.297 | 34.619 | 26.930 | 1.171 |
| 550 | 7.539 | 34.591 | 27.020 | 1.229 |
| 600 | 7.077 | 34.576 | 27.075 | 1.285 |
| 650 | 6.633 | 34.569 | 27.129 | 1.337 |
| 700 | 6.352 | 34.561 | 27.160 | 1.388 |
| 750 | 6.043 | 34.556 | 27.196 | 1.437 |
| 800 | 5.785 | 34.552 | 27.226 | 1.485 |
| 900 | 5.244 | 34.551 | 27.291 | 1.577 |
| 1000 | 4.647 | 34.556 | 27.363 | 1.661 |
| 1002 | 4.643 | 34.556 | 27.364 | 1.663 |

CAST EP3-93-DI -036 DATE 12 SEP 93 TIME 2158 GMT

LAT 06 00.1N LONG 109 59.9W

CAST EP3-93-DI -036 DATE 12 SEP 93 TIME 2158 GMT
LAT 06 00.1N LONG 109 59.9W WEATHER 1 SEA STATE 1
BAROMETER 12 WIND DIR 000 T SPD 00 KT VISIBILITY 7
CLOUD 8 AMOUNT 5 DRY 28.7 WET 23.9 DEPTH 3709 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.400 | 33.601 | 21.539 | 0.000 |
| 10 | 27.302 | 33.598 | 21.568 | 0.063 |
| 20 | 27.235 | 33.601 | 21.592 | 0.125 |
| 30 | 27.216 | 33.602 | 21.598 | 0.187 |
| 40 | 27.204 | 33.603 | 21.603 | 0.249 |
| 50 | 27.116 | 33.977 | 21.913 | 0.310 |
| 60 | 26.670 | 34.208 | 22.228 | 0.368 |
| 70 | 25.859 | 34.461 | 22.672 | 0.422 |
| 80 | 24.676 | 34.467 | 23.038 | 0.473 |
| 90 | 18.055 | 34.619 | 24.968 | 0.514 |
| 100 | 14.688 | 34.775 | 25.867 | 0.538 |
| 110 | 14.229 | 34.872 | 26.041 | 0.559 |
| 120 | 14.066 | 34.890 | 26.089 | 0.579 |
| 130 | 13.754 | 34.881 | 26.148 | 0.598 |
| 140 | 13.509 | 34.880 | 26.197 | 0.617 |
| 150 | 13.348 | 34.879 | 26.229 | 0.635 |
| 160 | 13.206 | 34.870 | 26.252 | 0.653 |
| 170 | 12.985 | 34.858 | 26.287 | 0.671 |
| 180 | 12.802 | 34.848 | 26.315 | 0.689 |
| 190 | 12.505 | 34.829 | 26.360 | 0.706 |
| 200 | 12.388 | 34.823 | 26.377 | 0.723 |
| 250 | 11.417 | 34.756 | 26.510 | 0.805 |
| 300 | 10.601 | 34.714 | 26.625 | 0.881 |
| 350 | 10.116 | 34.694 | 26.694 | 0.954 |
| 400 | 9.602 | 34.670 | 26.762 | 1.023 |
| 450 | 9.206 | 34.655 | 26.815 | 1.091 |
| 500 | 8.553 | 34.629 | 26.898 | 1.155 |
| 550 | 8.070 | 34.607 | 26.955 | 1.216 |
| 600 | 7.414 | 34.585 | 27.034 | 1.273 |
| 650 | 6.968 | 34.572 | 27.086 | 1.328 |
| 700 | 6.434 | 34.559 | 27.148 | 1.381 |
| 750 | 6.101 | 34.556 | 27.189 | 1.430 |
| 800 | 5.706 | 34.551 | 27.235 | 1.478 |
| 900 | 5.160 | 34.552 | 27.302 | 1.569 |
| 1000 | 4.617 | 34.551 | 27.363 | 1.653 |
| 1001 | 4.613 | 34.551 | 27.363 | 1.654 |

CAST EP3-93-DI -037 DATE 13 SEP 93 TIME 0255 GMT

LAT 07 00.2N LONG 109 59.9W

CAST EP3-93-DI -037 DATE 13 SEP 93 TIME 0255 GMT
LAT 07 00.2N LONG 109 59.9W WEATHER 0 SEA STATE 0
BAROMETER 13 WIND DIR 000 T SPD 00 KT VISIBILITY 7
CLOUD 9 AMOUNT 2 DRY 27.0 WET 22.9 DEPTH 3763 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.437 | 33.425 | 21.395 | 0.000 |
| 10 | 27.360 | 33.430 | 21.423 | 0.064 |
| 20 | 27.308 | 33.470 | 21.470 | 0.127 |
| 30 | 27.404 | 33.560 | 21.507 | 0.190 |
| 40 | 27.342 | 33.558 | 21.525 | 0.253 |
| 50 | 27.221 | 33.854 | 21.787 | 0.315 |
| 60 | 26.901 | 33.994 | 21.994 | 0.375 |
| 70 | 26.025 | 34.204 | 22.427 | 0.432 |
| 80 | 24.107 | 34.477 | 23.215 | 0.482 |
| 90 | 21.061 | 34.689 | 24.242 | 0.523 |
| 100 | 14.695 | 34.727 | 25.829 | 0.551 |
| 110 | 14.643 | 34.826 | 25.916 | 0.572 |
| 120 | 14.128 | 34.893 | 26.078 | 0.592 |
| 130 | 13.717 | 34.898 | 26.168 | 0.612 |
| 140 | 13.561 | 34.891 | 26.195 | 0.630 |
| 150 | 13.343 | 34.881 | 26.232 | 0.649 |
| 160 | 13.160 | 34.874 | 26.264 | 0.667 |
| 170 | 12.924 | 34.852 | 26.294 | 0.684 |
| 180 | 12.538 | 34.798 | 26.328 | 0.702 |
| 190 | 12.414 | 34.820 | 26.370 | 0.719 |
| 200 | 11.950 | 34.748 | 26.404 | 0.736 |
| 250 | 11.110 | 34.729 | 26.545 | 0.816 |
| 300 | 10.495 | 34.714 | 26.643 | 0.891 |
| 350 | 10.001 | 34.690 | 26.710 | 0.962 |
| 400 | 9.758 | 34.679 | 26.743 | 1.032 |
| 450 | 9.172 | 34.655 | 26.820 | 1.099 |
| 500 | 8.798 | 34.634 | 26.864 | 1.164 |
| 550 | 8.186 | 34.618 | 26.946 | 1.226 |
| 600 | 7.707 | 34.599 | 27.002 | 1.285 |
| 650 | 7.060 | 34.573 | 27.074 | 1.342 |
| 700 | 6.492 | 34.559 | 27.140 | 1.394 |
| 750 | 6.064 | 34.555 | 27.193 | 1.444 |
| 800 | 5.612 | 34.549 | 27.245 | 1.491 |
| 900 | 5.259 | 34.551 | 27.289 | 1.582 |
| 928 | 5.024 | 34.551 | 27.316 | 1.607 |

CAST EP3-93-DI -038 DATE 13 SEP 93 TIME 0805 GMT

LAT 08 00.2N LONG 110 09.9W

CAST EP3-93-DI -038 DATE 13 SEP 93 TIME 0805 GMT
LAT 08 00.2N LONG 110 09.9W WEATHER 1 SEA STATE 9
BAROMETER 12 WIND DIR 350 T SPD 04 KT VISIBILITY 8
CLOUD X AMOUNT 3 DRY 27.0 WET 23.0 DEPTH 4129 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.817 | 33.204 | 21.106 | 0.000 |
| 10 | 27.476 | 33.182 | 21.199 | 0.066 |
| 20 | 27.382 | 33.189 | 21.235 | 0.132 |
| 30 | 27.379 | 33.198 | 21.243 | 0.198 |
| 40 | 27.372 | 33.214 | 21.257 | 0.263 |
| 50 | 27.432 | 33.303 | 21.304 | 0.328 |
| 60 | 27.569 | 33.518 | 21.422 | 0.393 |
| 70 | 25.855 | 34.102 | 22.402 | 0.452 |
| 80 | 21.937 | 34.468 | 23.832 | 0.501 |
| 90 | 17.726 | 34.650 | 25.072 | 0.534 |
| 100 | 16.161 | 34.720 | 25.496 | 0.561 |
| 110 | 14.196 | 34.767 | 25.966 | 0.583 |
| 120 | 13.552 | 34.784 | 26.114 | 0.603 |
| 130 | 13.147 | 34.781 | 26.194 | 0.622 |
| 140 | 12.576 | 34.775 | 26.304 | 0.640 |
| 150 | 12.260 | 34.759 | 26.353 | 0.657 |
| 160 | 11.987 | 34.754 | 26.401 | 0.674 |
| 170 | 11.832 | 34.751 | 26.428 | 0.691 |
| 180 | 11.681 | 34.748 | 26.454 | 0.707 |
| 190 | 11.565 | 34.749 | 26.477 | 0.723 |
| 200 | 11.495 | 34.755 | 26.494 | 0.739 |
| 250 | 10.907 | 34.726 | 26.580 | 0.816 |
| 300 | 10.537 | 34.714 | 26.636 | 0.890 |
| 350 | 10.138 | 34.694 | 26.690 | 0.963 |
| 400 | 9.765 | 34.678 | 26.741 | 1.033 |
| 450 | 9.384 | 34.664 | 26.793 | 1.101 |
| 500 | 8.741 | 34.629 | 26.869 | 1.166 |
| 550 | 7.945 | 34.583 | 26.954 | 1.228 |
| 600 | 7.407 | 34.576 | 27.028 | 1.286 |
| 650 | 6.806 | 34.556 | 27.096 | 1.341 |
| 700 | 6.430 | 34.551 | 27.143 | 1.393 |
| 750 | 6.013 | 34.542 | 27.189 | 1.443 |
| 800 | 5.667 | 34.543 | 27.233 | 1.491 |
| 900 | 5.063 | 34.544 | 27.307 | 1.581 |
| 1000 | 4.565 | 34.551 | 27.369 | 1.664 |
| 1002 | 4.555 | 34.552 | 27.370 | 1.666 |

CAST EP3-93-DI -039 DATE 14 SEP 93 TIME 0113 GMT

LAT 08 01.9N LONG 110 09.4W

CAST EP3-93-DI -039 DATE 14 SEP 93 TIME 0113 GMT
LAT 08 01.9N LONG 110 09.4W WEATHER 4 SEA STATE 3
BAROMETER 12 WIND DIR 055 T SPD 11 KT VISIBILITY 5
CLOUD 8 AMOUNT 8 DRY 26.1 WET 23.9 DEPTH 4205 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.523 | 33.122 | 21.139 | 0.000 |
| 10 | 27.523 | 33.122 | 21.139 | 0.066 |
| 20 | 27.492 | 33.124 | 21.151 | 0.133 |
| 30 | 27.403 | 33.126 | 21.181 | 0.199 |
| 40 | 27.394 | 33.134 | 21.190 | 0.265 |
| 50 | 27.398 | 33.146 | 21.198 | 0.331 |
| 60 | 27.601 | 33.417 | 21.336 | 0.397 |
| 70 | 26.018 | 34.085 | 22.339 | 0.459 |
| 80 | 23.235 | 34.408 | 23.419 | 0.509 |
| 90 | 18.791 | 34.609 | 24.776 | 0.547 |
| 100 | 16.199 | 34.714 | 25.483 | 0.575 |
| 110 | 14.823 | 34.756 | 25.823 | 0.599 |
| 120 | 13.824 | 34.786 | 26.060 | 0.620 |
| 130 | 13.429 | 34.773 | 26.131 | 0.639 |
| 140 | 12.742 | 34.773 | 26.269 | 0.657 |
| 150 | 12.613 | 34.769 | 26.292 | 0.675 |
| 160 | 12.359 | 34.759 | 26.333 | 0.693 |
| 170 | 12.117 | 34.754 | 26.376 | 0.710 |
| 180 | 11.938 | 34.751 | 26.408 | 0.726 |
| 190 | 11.824 | 34.760 | 26.436 | 0.743 |
| 200 | 11.743 | 34.760 | 26.452 | 0.759 |
| 250 | 11.191 | 34.739 | 26.538 | 0.838 |
| 300 | 10.790 | 34.723 | 26.598 | 0.915 |
| 350 | 10.290 | 34.702 | 26.670 | 0.989 |
| 400 | 9.795 | 34.677 | 26.735 | 1.059 |
| 450 | 9.264 | 34.658 | 26.808 | 1.127 |
| 500 | 8.632 | 34.619 | 26.878 | 1.192 |
| 502 | 8.629 | 34.618 | 26.878 | 1.194 |

CAST EP3-93-DI -040 DATE 14 SEP 93 TIME 0608 GMT

LAT 08 59.9N LONG 109 59.8W

CAST EP3-93-DI -040 DATE 14 SEP 93 TIME 0608 GMT
LAT 08 59.9N LONG 109 59.8W WEATHER 1 SEA STATE 3
BAROMETER 13 WIND DIR 020 T SPD 13 KT VISIBILITY 7
CLOUD X AMOUNT 4 DRY 25.8 WET 23.8 DEPTH 4113 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.632 | 33.263 | 21.210 | 0.000 |
| 10 | 27.649 | 33.264 | 21.205 | 0.066 |
| 20 | 27.644 | 33.272 | 21.213 | 0.131 |
| 30 | 27.535 | 33.277 | 21.252 | 0.197 |
| 40 | 27.599 | 33.346 | 21.283 | 0.262 |
| 50 | 27.551 | 33.368 | 21.315 | 0.327 |
| 60 | 27.501 | 33.366 | 21.329 | 0.392 |
| 70 | 24.842 | 34.165 | 22.760 | 0.450 |
| 80 | 18.481 | 34.584 | 24.835 | 0.489 |
| 90 | 16.107 | 34.705 | 25.497 | 0.517 |
| 100 | 14.577 | 34.769 | 25.887 | 0.540 |
| 110 | 13.859 | 34.785 | 26.051 | 0.561 |
| 120 | 13.397 | 34.807 | 26.163 | 0.580 |
| 130 | 13.131 | 34.811 | 26.220 | 0.599 |
| 140 | 12.853 | 34.807 | 26.273 | 0.617 |
| 150 | 12.535 | 34.785 | 26.319 | 0.634 |
| 160 | 12.391 | 34.782 | 26.345 | 0.652 |
| 170 | 12.265 | 34.786 | 26.373 | 0.669 |
| 180 | 12.104 | 34.778 | 26.397 | 0.685 |
| 190 | 12.054 | 34.776 | 26.405 | 0.702 |
| 200 | 11.838 | 34.762 | 26.436 | 0.718 |
| 250 | 11.149 | 34.728 | 26.537 | 0.798 |
| 300 | 10.488 | 34.703 | 26.636 | 0.874 |
| 350 | 10.010 | 34.681 | 26.702 | 0.946 |
| 400 | 9.383 | 34.654 | 26.785 | 1.014 |
| 450 | 8.630 | 34.608 | 26.870 | 1.079 |
| 500 | 7.976 | 34.576 | 26.945 | 1.141 |
| 550 | 7.353 | 34.559 | 27.022 | 1.198 |
| 600 | 6.895 | 34.555 | 27.083 | 1.253 |
| 650 | 6.598 | 34.548 | 27.117 | 1.306 |
| 700 | 6.311 | 34.545 | 27.154 | 1.357 |
| 750 | 5.971 | 34.543 | 27.195 | 1.406 |
| 800 | 5.516 | 34.541 | 27.251 | 1.454 |
| 900 | 5.013 | 34.541 | 27.310 | 1.543 |
| 998 | 4.430 | 34.553 | 27.385 | 1.624 |

CAST EP3-93-DI -041 DATE 14 SEP 93 TIME 1109 GMT

LAT 10 00.3N LONG 109 59.8W

CAST EP3-93-DI -041 DATE 14 SEP 93 TIME 1109 GMT
LAT 10 00.3N LONG 109 59.8W WEATHER 6 SEA STATE 4
BAROMETER 10 WIND DIR 090 T SPD 20 KT VISIBILITY 6
CLOUD 6 AMOUNT 7 DRY 27.2 WET 24.9 DEPTH 3309 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.577 | 33.271 | 21.234 | 0.000 |
| 10 | 27.573 | 33.271 | 21.235 | 0.065 |
| 20 | 27.563 | 33.272 | 21.240 | 0.131 |
| 30 | 27.533 | 33.282 | 21.256 | 0.196 |
| 40 | 27.529 | 33.313 | 21.281 | 0.262 |
| 50 | 27.506 | 33.348 | 21.314 | 0.327 |
| 60 | 24.446 | 34.212 | 22.914 | 0.386 |
| 70 | 20.797 | 34.488 | 24.161 | 0.429 |
| 80 | 16.745 | 34.689 | 25.336 | 0.460 |
| 90 | 14.991 | 34.768 | 25.796 | 0.485 |
| 100 | 14.249 | 34.781 | 25.966 | 0.506 |
| 110 | 13.681 | 34.787 | 26.090 | 0.526 |
| 120 | 13.447 | 34.788 | 26.139 | 0.545 |
| 130 | 13.105 | 34.786 | 26.206 | 0.564 |
| 140 | 12.888 | 34.786 | 26.250 | 0.582 |
| 150 | 12.703 | 34.789 | 26.289 | 0.600 |
| 160 | 12.359 | 34.778 | 26.348 | 0.617 |
| 170 | 12.152 | 34.776 | 26.387 | 0.634 |
| 180 | 12.072 | 34.774 | 26.400 | 0.651 |
| 190 | 12.000 | 34.772 | 26.413 | 0.667 |
| 200 | 11.918 | 34.768 | 26.425 | 0.684 |
| 250 | 11.160 | 34.730 | 26.537 | 0.764 |
| 300 | 10.535 | 34.700 | 26.625 | 0.840 |
| 350 | 9.988 | 34.672 | 26.698 | 0.912 |
| 400 | 9.242 | 34.632 | 26.791 | 0.980 |
| 450 | 8.657 | 34.604 | 26.863 | 1.045 |
| 500 | 7.741 | 34.565 | 26.971 | 1.107 |
| 550 | 7.089 | 34.549 | 27.051 | 1.163 |
| 600 | 6.696 | 34.547 | 27.103 | 1.216 |
| 650 | 6.255 | 34.542 | 27.158 | 1.267 |
| 700 | 5.919 | 34.540 | 27.199 | 1.316 |
| 750 | 5.581 | 34.539 | 27.241 | 1.363 |
| 800 | 5.349 | 34.539 | 27.269 | 1.408 |
| 900 | 4.957 | 34.543 | 27.318 | 1.496 |
| 1000 | 4.571 | 34.548 | 27.366 | 1.578 |
| 1001 | 4.570 | 34.548 | 27.366 | 1.579 |

CAST EP3-93-DI -001 LAT 07 56.5N LONG 094 57.3W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 27.526 | 32.916 | 0.00 | 27.526 | 20.983 |
| 6. | 27.527 | 32.934 | 0.00 | 27.526 | 20.997 |
| 56. | 14.730 | 34.815 | 0.00 | 14.722 | 25.890 |
| 144. | 12.558 | 34.818 | 0.00 | 12.539 | 26.344 |
| 295. | 10.578 | 34.723 | 0.00 | 10.543 | 26.642 |
| 495. | 7.927 | 34.613 | 0.00 | 7.876 | 26.988 |
| 594. | 7.013 | 34.583 | 0.00 | 6.956 | 27.097 |
| 694. | 6.166 | 34.569 | 0.00 | 6.103 | 27.199 |
| 790. | 5.527 | 34.565 | 0.00 | 5.459 | 27.277 |
| 892. | 5.033 | 34.566 | 0.00 | 4.959 | 27.336 |
| 999. | 4.527 | 34.551 | 0.00 | 4.447 | 27.382 |

CAST EP3-93-DI -002 LAT 07 00.2N LONG 094 59.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 27.448 | 33.385 | 0.00 | 27.447 | 21.361 |
| 7. | 27.459 | 33.396 | 0.00 | 27.457 | 21.366 |
| 67. | 15.710 | 34.871 | 0.00 | 15.700 | 25.718 |
| 146. | 13.088 | 34.876 | 0.00 | 13.068 | 26.284 |
| 294. | 11.039 | 34.755 | 0.00 | 11.003 | 26.585 |
| 494. | 8.345 | 34.622 | 0.00 | 8.293 | 26.933 |
| 663. | 7.152 | 34.593 | 0.00 | 7.088 | 27.086 |
| 691. | 6.288 | 34.572 | 0.00 | 6.225 | 27.186 |
| 792. | 5.512 | 34.567 | 0.00 | 5.444 | 27.280 |
| 893. | 5.028 | 34.566 | 0.00 | 4.954 | 27.337 |
| 992. | 4.526 | 34.557 | 0.00 | 4.447 | 27.386 |
| 991. | 4.527 | 34.566 | 0.00 | 4.448 | 27.393 |

CAST EP3-93-DI -003 LAT 05 59.6N LONG 094 59.4W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 1. | 27.446 | 33.160 | 0.00 | 27.446 | 21.192 |
| 12. | 27.443 | 33.160 | 0.00 | 27.440 | 21.194 |
| 96. | 13.059 | 34.651 | 0.00 | 13.046 | 26.114 |
| 147. | 12.733 | 34.841 | 0.00 | 12.713 | 26.328 |
| 294. | 11.478 | 34.780 | 0.00 | 11.441 | 26.524 |
| 495. | 9.102 | 34.661 | 0.00 | 9.047 | 26.846 |
| 595. | 7.220 | 34.600 | 0.00 | 7.162 | 27.081 |
| 692. | 6.271 | 34.576 | 0.00 | 6.208 | 27.191 |
| 793. | 5.531 | 34.564 | 0.00 | 5.463 | 27.275 |
| 892. | 4.990 | 34.564 | 0.00 | 4.916 | 27.340 |
| 1000. | 4.532 | 34.568 | 0.00 | 4.452 | 27.394 |
| 1000. | 4.550 | 34.566 | 0.00 | 4.470 | 27.391 |

CAST EP3-93-DI -004 LAT 05 04.3N LONG 095 00.3W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 1. | 27.450 | 33.362 | 0.00 | 27.450 | 21.344 |
| 12. | 27.369 | 33.360 | 0.00 | 27.366 | 21.369 |
| 72. | 18.664 | 34.777 | 0.00 | 18.651 | 24.940 |
| 146. | 13.500 | 34.885 | 0.00 | 13.479 | 26.207 |
| 294. | 11.752 | 34.797 | 0.00 | 11.714 | 26.486 |
| 492. | 8.231 | 34.627 | 0.00 | 8.180 | 26.954 |
| 593. | 6.786 | 34.583 | 0.00 | 6.730 | 27.127 |
| 693. | 6.070 | 34.575 | 0.00 | 6.008 | 27.216 |
| 793. | 5.466 | 34.563 | 0.00 | 5.398 | 27.282 |
| 891. | 4.937 | 34.563 | 0.00 | 4.864 | 27.345 |
| 993. | 4.656 | 34.573 | 0.00 | 4.576 | 27.385 |
| 998. | 4.627 | 34.572 | 0.00 | 4.547 | 27.388 |

CAST EP3-93-DI -005 LAT 04 00.3N LONG 094 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 27.335 | 33.479 | 0.00 | 27.335 | 21.468 |
| 12. | 27.337 | 33.478 | 0.00 | 27.334 | 21.468 |
| 92. | 15.305 | 34.901 | 0.00 | 15.291 | 25.832 |
| 152. | 13.457 | 34.899 | 0.00 | 13.436 | 26.227 |
| 300. | 10.955 | 34.751 | 0.00 | 10.918 | 26.597 |
| 498. | 7.934 | 34.612 | 0.00 | 7.883 | 26.987 |
| 598. | 6.715 | 34.574 | 0.00 | 6.659 | 27.130 |
| 699. | 6.052 | 34.571 | 0.00 | 5.990 | 27.215 |
| 798. | 5.426 | 34.569 | 0.00 | 5.358 | 27.291 |
| 898. | 4.969 | 34.570 | 0.00 | 4.895 | 27.347 |
| 997. | 4.560 | 34.568 | 0.00 | 4.480 | 27.391 |
| 997. | 4.560 | 34.563 | 0.00 | 4.480 | 27.387 |

CAST EP3-93-DI -006 LAT 02 59.9N LONG 095 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 27.012 | 33.620 | 0.00 | 27.012 | 21.677 |
| 12. | 26.989 | 33.623 | 0.00 | 26.986 | 21.687 |
| 86. | 15.078 | 34.913 | 0.00 | 15.065 | 25.891 |
| 152. | 13.848 | 34.936 | 0.00 | 13.826 | 26.174 |
| 300. | 11.418 | 34.771 | 0.00 | 11.380 | 26.528 |
| 499. | 7.914 | 34.626 | 0.00 | 7.863 | 27.001 |
| 599. | 7.224 | 34.605 | 0.00 | 7.166 | 27.085 |
| 698. | 6.327 | 34.582 | 0.00 | 6.263 | 27.188 |
| 797. | 5.612 | 34.564 | 0.00 | 5.543 | 27.265 |
| 897. | 4.818 | 34.561 | 0.00 | 4.745 | 27.357 |
| 997. | 4.436 | 34.565 | 0.00 | 4.357 | 27.402 |
| 998. | 4.436 | 34.566 | 0.00 | 4.357 | 27.403 |

CAST EP3-93-DI -007 LAT 02 00.1N LONG 095 00.5W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 1. | 26.225 | 33.443 | 0.00 | 26.225 | 21.792 |
| 11. | 26.214 | 33.441 | 0.00 | 26.212 | 21.794 |
| 106. | 14.262 | 34.904 | 0.00 | 14.247 | 26.062 |
| 151. | 13.837 | 34.932 | 0.00 | 13.815 | 26.174 |
| 299. | 10.974 | 34.764 | 0.00 | 10.937 | 26.604 |
| 499. | 7.667 | 34.605 | 0.00 | 7.617 | 27.020 |
| 598. | 6.967 | 34.587 | 0.00 | 6.910 | 27.106 |
| 798. | 5.321 | 34.559 | 0.00 | 5.254 | 27.296 |
| 897. | 4.783 | 34.557 | 0.00 | 4.710 | 27.357 |
| 996. | 4.470 | 34.563 | 0.00 | 4.391 | 27.397 |
| 996. | 4.471 | 34.564 | 0.00 | 4.392 | 27.398 |

CAST EP3-93-DI -008 LAT 01 58.8N LONG 094 58.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 26.256 | 33.441 | 0.00 | 26.256 | 21.780 |
| 12. | 26.254 | 33.446 | 0.00 | 26.251 | 21.785 |
| 63. | 16.121 | 34.971 | 0.00 | 16.111 | 25.700 |
| 151. | 13.770 | 34.937 | 0.00 | 13.748 | 26.191 |
| 598. | 7.108 | 34.623 | 0.00 | 7.050 | 27.115 |
| 698. | 6.208 | 34.590 | 0.00 | 6.145 | 27.210 |
| 798. | 5.329 | 34.577 | 0.00 | 5.262 | 27.309 |
| 897. | 4.876 | 34.558 | 0.00 | 4.803 | 27.347 |
| 996. | 4.535 | 34.562 | 0.00 | 4.455 | 27.389 |
| 996. | 4.535 | 34.559 | 0.00 | 4.455 | 27.387 |

CAST EP3-93-DI -009 LAT 01 00.7N LONG 095 01.3W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 24.889 | 33.876 | 0.00 | 24.888 | 22.528 |
| 12. | 24.882 | 33.880 | 0.00 | 24.879 | 22.533 |
| 55. | 15.695 | 34.925 | 0.00 | 15.686 | 25.762 |
| 151. | 13.521 | 34.918 | 0.00 | 13.500 | 26.229 |
| 300. | 11.869 | 34.842 | 0.00 | 11.830 | 26.500 |
| 497. | 8.046 | 34.644 | 0.00 | 7.995 | 26.995 |
| 598. | 7.112 | 34.598 | 0.00 | 7.054 | 27.095 |
| 696. | 6.396 | 34.577 | 0.00 | 6.332 | 27.176 |
| 794. | 5.387 | 34.565 | 0.00 | 5.320 | 27.293 |
| 897. | 4.878 | 34.564 | 0.00 | 4.805 | 27.352 |
| 997. | 4.445 | 34.569 | 0.00 | 4.366 | 27.405 |
| 1023. | 4.415 | 34.571 | 0.00 | 4.334 | 27.410 |

CAST EP3-93-DI -010 LAT 00 00.0N LONG 095 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 21.065 | 34.292 | 0.00 | 21.064 | 23.939 |
| 11. | 19.649 | 34.506 | 0.00 | 19.647 | 24.478 |
| 67. | 15.247 | 34.938 | 0.00 | 15.237 | 25.872 |
| 151. | 13.426 | 34.848 | 0.00 | 13.405 | 26.193 |
| 301. | 10.609 | 34.770 | 0.00 | 10.573 | 26.674 |
| 499. | 7.937 | 34.633 | 0.00 | 7.886 | 27.003 |
| 598. | 7.093 | 34.595 | 0.00 | 7.035 | 27.095 |
| 698. | 6.180 | 34.569 | 0.00 | 6.117 | 27.198 |
| 796. | 5.275 | 34.558 | 0.00 | 5.208 | 27.300 |
| 897. | 4.957 | 34.561 | 0.00 | 4.883 | 27.340 |
| 997. | 4.353 | 34.566 | 0.00 | 4.275 | 27.412 |
| 997. | 4.352 | 34.567 | 0.00 | 4.274 | 27.413 |

CAST EP3-93-DI -011 LAT 01 00.1S LONG 094 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 20.539 | 34.858 | 0.00 | 20.539 | 24.511 |
| 12. | 20.281 | 34.863 | 0.00 | 20.279 | 24.585 |
| 67. | 14.244 | 35.027 | 0.00 | 14.234 | 26.159 |
| 150. | 13.380 | 34.928 | 0.00 | 13.359 | 26.265 |
| 300. | 11.041 | 34.804 | 0.00 | 11.004 | 26.623 |
| 499. | 8.127 | 34.635 | 0.00 | 8.075 | 26.976 |
| 598. | 7.173 | 34.592 | 0.00 | 7.115 | 27.082 |
| 698. | 6.154 | 34.563 | 0.00 | 6.091 | 27.196 |
| 797. | 5.647 | 34.559 | 0.00 | 5.578 | 27.257 |
| 898. | 4.965 | 34.550 | 0.00 | 4.891 | 27.331 |
| 998. | 4.508 | 34.565 | 0.00 | 4.429 | 27.395 |
| 999. | 4.506 | 34.563 | 0.00 | 4.426 | 27.394 |

CAST EP3-93-DI -012 LAT 01 59.3S LONG 095 00.5W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 11. | 20.705 | 34.957 | 0.00 | 20.703 | 24.543 |
| 12. | 20.608 | 34.974 | 0.00 | 20.606 | 24.582 |
| 115. | 13.612 | 34.952 | 0.00 | 13.596 | 26.235 |
| 151. | 13.455 | 34.943 | 0.00 | 13.434 | 26.261 |
| 300. | 11.060 | 34.809 | 0.00 | 11.023 | 26.623 |
| 499. | 8.040 | 34.634 | 0.00 | 7.989 | 26.989 |
| 598. | 6.998 | 34.582 | 0.00 | 6.941 | 27.098 |
| 698. | 6.532 | 34.569 | 0.00 | 6.467 | 27.152 |
| 798. | 5.742 | 34.555 | 0.00 | 5.672 | 27.242 |
| 896. | 5.244 | 34.551 | 0.00 | 5.168 | 27.299 |
| 998. | 4.922 | 34.552 | 0.00 | 4.839 | 27.339 |
| 998. | 4.922 | 34.552 | 0.00 | 4.839 | 27.339 |

CAST EP3-93-DI -013 LAT 02 00.8S LONG 094 58.3W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 1. | 20.920 | 34.811 | 0.00 | 20.920 | 24.373 |
| 1. | 20.920 | 34.811 | 0.00 | 20.920 | 24.373 |
| 499. | 8.038 | 34.626 | 0.00 | 7.987 | 26.983 |
| 499. | 8.038 | 34.632 | 0.00 | 7.987 | 26.987 |

CAST EP3-93-DI -014 LAT 03 00.4S LONG 094 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 21.399 | 34.685 | 0.00 | 21.399 | 24.147 |
| 12. | 21.325 | 34.689 | 0.00 | 21.323 | 24.171 |
| 57. | 15.019 | 35.051 | 0.00 | 15.010 | 26.010 |
| 151. | 13.500 | 34.951 | 0.00 | 13.479 | 26.258 |
| 300. | 10.964 | 34.802 | 0.00 | 10.927 | 26.635 |
| 499. | 7.953 | 34.630 | 0.00 | 7.902 | 26.998 |
| 598. | 6.840 | 34.590 | 0.00 | 6.783 | 27.125 |
| 699. | 6.022 | 34.568 | 0.00 | 5.960 | 27.216 |
| 796. | 5.352 | 34.555 | 0.00 | 5.285 | 27.289 |
| 897. | 4.856 | 34.549 | 0.00 | 4.783 | 27.343 |
| 997. | 4.497 | 34.564 | 0.00 | 4.418 | 27.395 |
| 998. | 4.496 | 34.562 | 0.00 | 4.417 | 27.394 |

CAST EP3-93-DI -015 LAT 03 59.8S LONG 095 00.3W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 21.927 | 35.146 | 0.00 | 21.926 | 24.351 |
| 12. | 21.925 | 35.144 | 0.00 | 21.923 | 24.351 |
| 66. | 16.187 | 35.093 | 0.00 | 16.176 | 25.780 |
| 151. | 14.337 | 35.007 | 0.00 | 14.315 | 26.127 |
| 300. | 11.900 | 34.860 | 0.00 | 11.861 | 26.507 |
| 598. | 7.232 | 34.601 | 0.00 | 7.174 | 27.081 |
| 698. | 6.359 | 34.569 | 0.00 | 6.295 | 27.175 |
| 797. | 5.475 | 34.546 | 0.00 | 5.407 | 27.267 |
| 897. | 4.848 | 34.549 | 0.00 | 4.775 | 27.344 |
| 998. | 4.354 | 34.560 | 0.00 | 4.276 | 27.407 |
| 997. | 4.357 | 34.570 | 0.00 | 4.279 | 27.415 |

CAST EP3-93-DI -016 LAT 04 58.3S LONG 095 07.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 22.002 | 35.063 | 0.00 | 22.002 | 24.266 |
| 12. | 21.890 | 35.050 | 0.00 | 21.888 | 24.289 |
| 98. | 15.432 | 35.094 | 0.00 | 15.417 | 25.953 |
| 150. | 14.223 | 35.000 | 0.00 | 14.201 | 26.145 |
| 300. | 12.220 | 34.880 | 0.00 | 12.180 | 26.462 |
| 499. | 8.208 | 34.648 | 0.00 | 8.156 | 26.974 |
| 599. | 7.085 | 34.588 | 0.00 | 7.027 | 27.090 |
| 698. | 6.276 | 34.566 | 0.00 | 6.212 | 27.182 |
| 798. | 5.506 | 34.555 | 0.00 | 5.438 | 27.271 |
| 896. | 4.796 | 34.538 | 0.00 | 4.723 | 27.341 |
| 996. | 4.507 | 34.550 | 0.00 | 4.428 | 27.383 |
| 995. | 4.518 | 34.549 | 0.00 | 4.439 | 27.381 |

CAST EP3-93-DI -017 LAT 05 59.8S LONG 095 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 23.104 | 35.317 | 0.00 | 23.104 | 24.145 |
| 12. | 23.111 | 35.314 | 0.00 | 23.109 | 24.142 |
| 116. | 14.069 | 35.038 | 0.00 | 14.052 | 26.206 |
| 151. | 13.080 | 34.931 | 0.00 | 13.059 | 26.328 |
| 301. | 11.631 | 34.846 | 0.00 | 11.592 | 26.547 |
| 500. | 8.641 | 34.667 | 0.00 | 8.587 | 26.923 |
| 598. | 7.159 | 34.598 | 0.00 | 7.101 | 27.088 |
| 697. | 6.235 | 34.563 | 0.00 | 6.172 | 27.185 |
| 797. | 5.480 | 34.547 | 0.00 | 5.412 | 27.268 |
| 898. | 4.806 | 34.545 | 0.00 | 4.733 | 27.345 |
| 998. | 4.350 | 34.561 | 0.00 | 4.272 | 27.409 |
| 998. | 4.350 | 34.559 | 0.00 | 4.272 | 27.407 |

CAST EP3-93-DI -018 LAT 07 00.0S LONG 095 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 23.244 | 35.307 | 0.00 | 23.243 | 24.098 |
| 12. | 23.238 | 35.306 | 0.00 | 23.236 | 24.099 |
| 132. | 13.633 | 34.978 | 0.00 | 13.614 | 26.251 |
| 151. | 13.069 | 34.957 | 0.00 | 13.048 | 26.350 |
| 300. | 11.421 | 34.829 | 0.00 | 11.383 | 26.573 |
| 495. | 8.238 | 34.640 | 0.00 | 8.186 | 26.964 |
| 598. | 6.832 | 34.577 | 0.00 | 6.775 | 27.117 |
| 698. | 5.877 | 34.549 | 0.00 | 5.816 | 27.220 |
| 797. | 5.343 | 34.542 | 0.00 | 5.276 | 27.280 |
| 898. | 4.839 | 34.542 | 0.00 | 4.766 | 27.339 |
| 946. | 4.633 | 34.555 | 0.00 | 4.557 | 27.373 |
| 948. | 4.624 | 34.551 | 0.00 | 4.548 | 27.371 |

CAST EP3-93-DI -019 LAT 07 59.3S LONG 095 08.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 22.812 | 35.298 | 0.00 | 22.811 | 24.215 |
| 13. | 22.818 | 35.298 | 0.00 | 22.815 | 24.214 |
| 96. | 15.775 | 35.105 | 0.00 | 15.760 | 25.884 |
| 151. | 13.356 | 34.972 | 0.00 | 13.335 | 26.304 |
| 300. | 11.573 | 34.841 | 0.00 | 11.535 | 26.554 |
| 499. | 8.658 | 34.665 | 0.00 | 8.604 | 26.919 |
| 598. | 7.147 | 34.586 | 0.00 | 7.089 | 27.081 |
| 697. | 6.071 | 34.547 | 0.00 | 6.009 | 27.194 |
| 797. | 5.481 | 34.542 | 0.00 | 5.413 | 27.263 |
| 897. | 4.980 | 34.540 | 0.00 | 4.906 | 27.322 |
| 1000. | 4.520 | 34.548 | 0.00 | 4.440 | 27.380 |
| 999. | 4.523 | 34.552 | 0.00 | 4.443 | 27.382 |

CAST EP3-93-DI -020 LAT 08 00.4S LONG 109 56.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 25.091 | 35.352 | 0.00 | 25.091 | 23.581 |
| 12. | 25.099 | 35.340 | 0.00 | 25.096 | 23.571 |
| 64. | 25.098 | 35.340 | 0.00 | 25.084 | 23.574 |
| 151. | 15.192 | 35.094 | 0.00 | 15.169 | 26.008 |
| 300. | 10.850 | 34.804 | 0.00 | 10.813 | 26.657 |
| 501. | 8.648 | 34.665 | 0.00 | 8.594 | 26.920 |
| 598. | 7.542 | 34.606 | 0.00 | 7.482 | 27.040 |
| 698. | 6.390 | 34.557 | 0.00 | 6.326 | 27.161 |
| 796. | 5.663 | 34.539 | 0.00 | 5.594 | 27.239 |
| 887. | 4.974 | 34.535 | 0.00 | 4.901 | 27.318 |
| 998. | 4.422 | 34.545 | 0.00 | 4.343 | 27.388 |
| 998. | 4.422 | 34.547 | 0.00 | 4.343 | 27.390 |

CAST EP3-93-DI -021 LAT 07 00.0S LONG 110 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 6. | 24.528 | 35.218 | 0.00 | 24.527 | 23.651 |
| 12. | 24.525 | 35.216 | 0.00 | 24.523 | 23.650 |
| 150. | 16.353 | 35.171 | 0.00 | 16.329 | 25.804 |
| 166. | 14.085 | 35.010 | 0.00 | 14.061 | 26.183 |
| 305. | 11.206 | 34.822 | 0.00 | 11.168 | 26.607 |
| 501. | 8.624 | 34.663 | 0.00 | 8.570 | 26.922 |
| 598. | 7.414 | 34.600 | 0.00 | 7.355 | 27.054 |
| 698. | 6.331 | 34.555 | 0.00 | 6.267 | 27.167 |
| 798. | 5.563 | 34.541 | 0.00 | 5.494 | 27.253 |
| 899. | 5.032 | 34.547 | 0.00 | 4.957 | 27.321 |
| 989. | 4.503 | 34.545 | 0.00 | 4.424 | 27.379 |
| 991. | 4.497 | 34.555 | 0.00 | 4.418 | 27.388 |

CAST EP3-93-DI -022 LAT 06 00.0S LONG 110 00.3W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 24.703 | 35.276 | 0.00 | 24.703 | 23.642 |
| 11. | 24.697 | 35.276 | 0.00 | 24.695 | 23.644 |
| 131. | 16.305 | 35.184 | 0.00 | 16.284 | 25.825 |
| 152. | 14.300 | 34.996 | 0.00 | 14.278 | 26.126 |
| 300. | 10.829 | 34.799 | 0.00 | 10.792 | 26.657 |
| 498. | 8.063 | 34.639 | 0.00 | 8.012 | 26.989 |
| 598. | 6.894 | 34.585 | 0.00 | 6.837 | 27.114 |
| 698. | 6.044 | 34.557 | 0.00 | 5.982 | 27.205 |
| 798. | 5.375 | 34.543 | 0.00 | 5.307 | 27.277 |
| 900. | 4.823 | 34.543 | 0.00 | 4.750 | 27.342 |
| 1006. | 4.383 | 34.553 | 0.00 | 4.304 | 27.398 |
| 1006. | 4.383 | 34.553 | 0.00 | 4.304 | 27.399 |

CAST EP3-93-DI -023 LAT 05 00.0S LONG 110 00.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 24.600 | 35.224 | 0.00 | 24.600 | 23.633 |
| 12. | 24.587 | 35.224 | 0.00 | 24.584 | 23.638 |
| 127. | 13.226 | 34.940 | 0.00 | 13.208 | 26.305 |
| 152. | 12.971 | 34.918 | 0.00 | 12.950 | 26.340 |
| 300. | 11.455 | 34.833 | 0.00 | 11.417 | 26.569 |
| 499. | 8.182 | 34.647 | 0.00 | 8.130 | 26.977 |
| 599. | 7.056 | 34.589 | 0.00 | 6.998 | 27.095 |
| 699. | 6.090 | 34.556 | 0.00 | 6.027 | 27.199 |
| 799. | 5.432 | 34.544 | 0.00 | 5.364 | 27.271 |
| 898. | 4.886 | 34.540 | 0.00 | 4.813 | 27.332 |
| 998. | 4.428 | 34.552 | 0.00 | 4.349 | 27.393 |
| 998. | 4.429 | 34.557 | 0.00 | 4.350 | 27.397 |

CAST EP3-93-DI -024 LAT 04 00.5S LONG 110 00.4W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 24.393 | 35.209 | 0.00 | 24.392 | 23.685 |
| 11. | 24.399 | 35.208 | 0.00 | 24.397 | 23.683 |
| 92. | 14.588 | 35.023 | 0.00 | 14.574 | 26.083 |
| 153. | 13.504 | 34.952 | 0.00 | 13.482 | 26.258 |
| 303. | 12.197 | 34.875 | 0.00 | 12.157 | 26.462 |
| 500. | 8.322 | 34.651 | 0.00 | 8.269 | 26.959 |
| 598. | 6.611 | 34.578 | 0.00 | 6.555 | 27.147 |
| 699. | 5.840 | 34.552 | 0.00 | 5.779 | 27.227 |
| 795. | 5.374 | 34.551 | 0.00 | 5.307 | 27.283 |
| 897. | 4.941 | 34.544 | 0.00 | 4.867 | 27.329 |
| 982. | 4.636 | 34.553 | 0.00 | 4.557 | 27.371 |
| 982. | 4.636 | 34.553 | 0.00 | 4.557 | 27.371 |

CAST EP3-93-DI -025 LAT 02 59.4S LONG 110 00.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 23.824 | 35.086 | 0.00 | 23.823 | 23.760 |
| 11. | 23.828 | 35.084 | 0.00 | 23.826 | 23.758 |
| 63. | 14.324 | 35.006 | 0.00 | 14.315 | 26.126 |
| 151. | 13.523 | 34.958 | 0.00 | 13.502 | 26.259 |
| 300. | 12.096 | 34.866 | 0.00 | 12.057 | 26.475 |
| 499. | 8.190 | 34.639 | 0.00 | 8.138 | 26.970 |
| 598. | 7.166 | 34.589 | 0.00 | 7.108 | 27.080 |
| 698. | 6.175 | 34.567 | 0.00 | 6.112 | 27.196 |
| 798. | 5.455 | 34.556 | 0.00 | 5.387 | 27.278 |
| 897. | 4.949 | 34.555 | 0.00 | 4.875 | 27.337 |
| 998. | 4.582 | 34.560 | 0.00 | 4.502 | 27.382 |
| 999. | 4.582 | 34.569 | 0.00 | 4.502 | 27.390 |

CAST EP3-93-DI -026 LAT 02 00.7S LONG 110 00.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 23.215 | 34.669 | 0.00 | 23.214 | 23.622 |
| 12. | 23.214 | 34.672 | 0.00 | 23.212 | 23.626 |
| 72. | 14.710 | 35.021 | 0.00 | 14.699 | 26.055 |
| 152. | 13.081 | 34.903 | 0.00 | 13.060 | 26.306 |
| 301. | 12.403 | 34.874 | 0.00 | 12.363 | 26.422 |
| 500. | 7.759 | 34.607 | 0.00 | 7.709 | 27.008 |
| 598. | 6.783 | 34.565 | 0.00 | 6.727 | 27.114 |
| 698. | 5.957 | 34.539 | 0.00 | 5.895 | 27.202 |
| 797. | 5.439 | 34.542 | 0.00 | 5.371 | 27.268 |
| 897. | 4.782 | 34.544 | 0.00 | 4.709 | 27.347 |
| 974. | 4.533 | 34.561 | 0.00 | 4.455 | 27.388 |
| 994. | 4.465 | 34.555 | 0.00 | 4.386 | 27.392 |

CAST EP3-93-DI -027 LAT 00 59.5S LONG 109 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 22.349 | 34.845 | 0.00 | 22.348 | 24.003 |
| 12. | 22.358 | 34.845 | 0.00 | 22.356 | 24.002 |
| 79. | 15.145 | 35.125 | 0.00 | 15.133 | 26.040 |
| 150. | 12.943 | 34.898 | 0.00 | 12.922 | 26.330 |
| 301. | 11.949 | 34.835 | 0.00 | 11.910 | 26.478 |
| 498. | 8.280 | 34.623 | 0.00 | 8.228 | 26.944 |
| 599. | 7.240 | 34.579 | 0.00 | 7.182 | 27.062 |
| 696. | 6.181 | 34.540 | 0.00 | 6.118 | 27.174 |
| 798. | 5.626 | 34.532 | 0.00 | 5.557 | 27.238 |
| 898. | 5.113 | 34.533 | 0.00 | 5.038 | 27.300 |
| 1004. | 4.337 | 34.546 | 0.00 | 4.258 | 27.398 |
| 1000. | 4.385 | 34.546 | 0.00 | 4.306 | 27.393 |

CAST EP3-93-DI -028 LAT 00 00.0S LONG 110 00.5W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 5. | 22.016 | 34.857 | 0.00 | 22.015 | 24.107 |
| 13. | 22.000 | 34.860 | 0.00 | 21.997 | 24.113 |
| 75. | 16.422 | 35.165 | 0.00 | 16.410 | 25.781 |
| 151. | 13.486 | 34.924 | 0.00 | 13.465 | 26.240 |
| 299. | 12.007 | 34.843 | 0.00 | 11.968 | 26.474 |
| 498. | 8.400 | 34.642 | 0.00 | 8.347 | 26.940 |
| 597. | 7.442 | 34.599 | 0.00 | 7.383 | 27.049 |
| 697. | 6.551 | 34.563 | 0.00 | 6.486 | 27.145 |
| 799. | 5.602 | 34.550 | 0.00 | 5.533 | 27.255 |
| 897. | 5.173 | 34.548 | 0.00 | 5.098 | 27.305 |
| 1005. | 4.570 | 34.557 | 0.00 | 4.489 | 27.382 |
| 1004. | 4.571 | 34.559 | 0.00 | 4.491 | 27.383 |

CAST EP3-93-DI -029 LAT 00 29.9N LONG 109 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 21.907 | 34.796 | 0.00 | 21.906 | 24.090 |
| 12. | 21.877 | 34.799 | 0.00 | 21.875 | 24.101 |
| 92. | 16.941 | 35.169 | 0.00 | 16.926 | 25.662 |
| 152. | 13.907 | 34.822 | 0.00 | 13.885 | 26.075 |
| 300. | 12.334 | 34.875 | 0.00 | 12.294 | 26.436 |
| 499. | 8.158 | 34.632 | 0.00 | 8.106 | 26.969 |
| 599. | 7.395 | 34.595 | 0.00 | 7.336 | 27.053 |
| 699. | 6.366 | 34.563 | 0.00 | 6.302 | 27.169 |
| 799. | 5.662 | 34.551 | 0.00 | 5.593 | 27.249 |
| 899. | 4.953 | 34.549 | 0.00 | 4.879 | 27.331 |
| 996. | 4.510 | 34.558 | 0.00 | 4.431 | 27.389 |
| 996. | 4.500 | 34.559 | 0.00 | 4.421 | 27.391 |

CAST EP3-93-DI -030 LAT 00 59.8N LONG 110 00.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 75. | 16.773 | 34.819 | 0.00 | 16.761 | 25.433 |
| 152. | 14.674 | 34.924 | 0.00 | 14.651 | 25.991 |
| 299. | 11.668 | 34.818 | 0.00 | 11.630 | 26.518 |
| 500. | 8.032 | 34.619 | 0.00 | 7.981 | 26.978 |
| 598. | 7.402 | 34.595 | 0.00 | 7.343 | 27.052 |
| 698. | 6.614 | 34.577 | 0.00 | 6.549 | 27.147 |
| 798. | 5.746 | 34.550 | 0.00 | 5.676 | 27.238 |
| 898. | 5.152 | 34.548 | 0.00 | 5.077 | 27.308 |
| 1002. | 4.617 | 34.556 | 0.00 | 4.536 | 27.376 |
| 1000. | 4.622 | 34.556 | 0.00 | 4.541 | 27.375 |

CAST EP3-93-DI -031 LAT 01 30.2N LONG 110 00.6W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 5. | 22.137 | 34.586 | 0.00 | 22.136 | 23.866 |
| 12. | 22.137 | 34.596 | 0.00 | 22.135 | 23.875 |
| 116. | 15.376 | 34.980 | 0.00 | 15.358 | 25.878 |
| 151. | 14.305 | 34.951 | 0.00 | 14.283 | 26.090 |
| 300. | 12.359 | 34.853 | 0.00 | 12.319 | 26.414 |
| 499. | 7.804 | 34.610 | 0.00 | 7.754 | 27.004 |
| 598. | 7.063 | 34.590 | 0.00 | 7.005 | 27.095 |
| 698. | 6.373 | 34.573 | 0.00 | 6.309 | 27.175 |
| 798. | 5.424 | 34.549 | 0.00 | 5.356 | 27.276 |
| 898. | 4.818 | 34.558 | 0.00 | 4.745 | 27.354 |
| 980. | 4.556 | 34.560 | 0.00 | 4.478 | 27.385 |
| 983. | 4.543 | 34.563 | 0.00 | 4.465 | 27.389 |

CAST EP3-93-DI -032 LAT 01 59.9N LONG 110 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 5. | 23.500 | 34.170 | 0.00 | 23.499 | 23.162 |
| 12. | 23.501 | 34.175 | 0.00 | 23.499 | 23.165 |
| 117. | 15.153 | 34.979 | 0.00 | 15.135 | 25.926 |
| 499. | 7.825 | 34.610 | 0.00 | 7.774 | 27.001 |
| 998. | 4.638 | 34.562 | 0.00 | 4.558 | 27.378 |

CAST EP3-93-DI -033 LAT 03 00.5N LONG 110 00.4W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 25.313 | 34.054 | 0.00 | 25.312 | 22.533 |
| 12. | 25.276 | 34.057 | 0.00 | 25.273 | 22.547 |
| 87. | 16.933 | 34.898 | 0.00 | 16.919 | 25.456 |
| 152. | 14.006 | 34.944 | 0.00 | 13.984 | 26.148 |
| 300. | 11.814 | 34.816 | 0.00 | 11.775 | 26.489 |
| 497. | 7.822 | 34.614 | 0.00 | 7.772 | 27.004 |
| 598. | 7.010 | 34.603 | 0.00 | 6.953 | 27.113 |
| 696. | 6.277 | 34.562 | 0.00 | 6.214 | 27.179 |
| 798. | 5.712 | 34.556 | 0.00 | 5.642 | 27.247 |
| 896. | 4.971 | 34.559 | 0.00 | 4.897 | 27.338 |
| 999. | 4.513 | 34.570 | 0.00 | 4.433 | 27.398 |
| 999. | 4.513 | 34.562 | 0.00 | 4.433 | 27.392 |

CAST EP3-93-DI -034 LAT 04 00.2N LONG 109 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 25.364 | 34.066 | 0.00 | 25.363 | 22.527 |
| 12. | 25.300 | 34.071 | 0.00 | 25.297 | 22.551 |
| 116. | 16.126 | 34.802 | 0.00 | 16.108 | 25.572 |
| 151. | 13.926 | 34.932 | 0.00 | 13.904 | 26.155 |
| 300. | 11.832 | 34.814 | 0.00 | 11.793 | 26.484 |
| 499. | 8.742 | 34.647 | 0.00 | 8.688 | 26.891 |
| 599. | 7.094 | 34.586 | 0.00 | 7.036 | 27.088 |
| 700. | 6.000 | 34.555 | 0.00 | 5.938 | 27.209 |
| 797. | 5.530 | 34.552 | 0.00 | 5.461 | 27.265 |
| 897. | 4.900 | 34.553 | 0.00 | 4.827 | 27.341 |
| 998. | 4.523 | 34.558 | 0.00 | 4.443 | 27.387 |

CAST EP3-93-DI -035 LAT 05 00.3N LONG 109 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 27.030 | 33.828 | 0.00 | 27.029 | 21.828 |
| 13. | 27.038 | 33.828 | 0.00 | 27.035 | 21.826 |
| 61. | 23.733 | 34.452 | 0.00 | 23.720 | 23.310 |
| 153. | 12.923 | 34.640 | 0.00 | 12.902 | 26.134 |
| 301. | 10.917 | 34.730 | 0.00 | 10.880 | 26.587 |
| 501. | 8.276 | 34.625 | 0.00 | 8.224 | 26.946 |
| 600. | 7.126 | 34.584 | 0.00 | 7.068 | 27.082 |
| 699. | 6.399 | 34.567 | 0.00 | 6.335 | 27.167 |
| 799. | 5.828 | 34.557 | 0.00 | 5.758 | 27.234 |
| 899. | 5.303 | 34.556 | 0.00 | 5.227 | 27.297 |
| 1008. | 4.656 | 34.560 | 0.00 | 4.575 | 27.375 |
| 1005. | 4.675 | 34.560 | 0.00 | 4.594 | 27.372 |

CAST EP3-93-DI -036 LAT 06 00.1N LONG 109 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 27.382 | 33.618 | 0.00 | 27.381 | 21.558 |
| 13. | 27.249 | 33.616 | 0.00 | 27.246 | 21.600 |
| 102. | 14.621 | 34.799 | 0.00 | 14.606 | 25.903 |
| 150. | 13.342 | 34.886 | 0.00 | 13.321 | 26.240 |
| 300. | 10.640 | 34.726 | 0.00 | 10.604 | 26.633 |
| 498. | 8.647 | 34.638 | 0.00 | 8.593 | 26.899 |
| 598. | 7.478 | 34.592 | 0.00 | 7.419 | 27.038 |
| 699. | 6.514 | 34.569 | 0.00 | 6.449 | 27.154 |
| 797. | 5.789 | 34.557 | 0.00 | 5.719 | 27.238 |
| 898. | 5.237 | 34.558 | 0.00 | 5.161 | 27.307 |
| 996. | 4.699 | 34.556 | 0.00 | 4.618 | 27.367 |
| 996. | 4.699 | 34.554 | 0.00 | 4.618 | 27.365 |

CAST EP3-93-DI -037 LAT 07 00.2N LONG 109 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 27.398 | 33.444 | 0.00 | 27.397 | 21.421 |
| 11. | 27.302 | 33.453 | 0.00 | 27.299 | 21.460 |
| 97. | 20.737 | 34.712 | 0.00 | 20.719 | 24.352 |
| 150. | 13.597 | 34.907 | 0.00 | 13.576 | 26.205 |
| 300. | 10.498 | 34.727 | 0.00 | 10.462 | 26.659 |
| 500. | 8.811 | 34.650 | 0.00 | 8.757 | 26.883 |
| 600. | 7.726 | 34.609 | 0.00 | 7.665 | 27.016 |
| 698. | 6.560 | 34.571 | 0.00 | 6.495 | 27.149 |
| 798. | 5.694 | 34.561 | 0.00 | 5.624 | 27.253 |
| 899. | 5.335 | 34.560 | 0.00 | 5.258 | 27.296 |
| 996. | 4.687 | 34.565 | 0.00 | 4.606 | 27.375 |
| 996. | 4.687 | 34.562 | 0.00 | 4.606 | 27.373 |

CAST EP3-93-DI -039 LAT 08 01.9N LONG 110 09.4W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 27.488 | 32.981 | 0.00 | 27.487 | 21.045 |
| 11. | 27.501 | 33.144 | 0.00 | 27.498 | 21.163 |
| 121. | 13.979 | 34.787 | 0.00 | 13.962 | 26.031 |
| 152. | 12.621 | 34.779 | 0.00 | 12.601 | 26.301 |
| 300. | 10.881 | 34.730 | 0.00 | 10.844 | 26.593 |
| 496. | 8.703 | 34.635 | 0.00 | 8.650 | 26.888 |

CAST EP3-93-DI -040 LAT 08 59.9N LONG 109 59.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 2. | 27.641 | 33.286 | 0.00 | 27.641 | 21.225 |
| 13. | 27.648 | 33.287 | 0.00 | 27.645 | 21.224 |
| 107. | 14.326 | 34.790 | 0.00 | 14.310 | 25.960 |
| 151. | 12.544 | 34.795 | 0.00 | 12.524 | 26.329 |
| 300. | 10.570 | 34.718 | 0.00 | 10.534 | 26.640 |
| 500. | 8.055 | 34.592 | 0.00 | 8.004 | 26.953 |
| 598. | 6.943 | 34.562 | 0.00 | 6.886 | 27.090 |
| 699. | 6.378 | 34.556 | 0.00 | 6.314 | 27.161 |
| 798. | 5.588 | 34.552 | 0.00 | 5.519 | 27.259 |
| 897. | 5.087 | 34.551 | 0.00 | 5.012 | 27.318 |
| 997. | 4.504 | 34.563 | 0.00 | 4.425 | 27.393 |
| 998. | 4.505 | 34.558 | 0.00 | 4.426 | 27.390 |

CAST EP3-93-DI -041 LAT 10 00.3N LONG 109 59.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 27.580 | 33.279 | 0.00 | 27.579 | 21.239 |
| 12. | 27.586 | 33.285 | 0.00 | 27.583 | 21.243 |
| 108. | 13.604 | 34.800 | 0.00 | 13.589 | 26.119 |
| 151. | 12.570 | 34.795 | 0.00 | 12.550 | 26.324 |
| 299. | 10.471 | 34.707 | 0.00 | 10.435 | 26.648 |
| 498. | 7.727 | 34.573 | 0.00 | 7.677 | 26.986 |
| 599. | 6.779 | 34.555 | 0.00 | 6.723 | 27.106 |
| 698. | 5.983 | 34.548 | 0.00 | 5.921 | 27.206 |
| 798. | 5.405 | 34.546 | 0.00 | 5.337 | 27.276 |
| 898. | 5.020 | 34.549 | 0.00 | 4.946 | 27.324 |
| 999. | 4.641 | 34.554 | 0.00 | 4.560 | 27.371 |
| 999. | 4.642 | 34.548 | 0.00 | 4.561 | 27.367 |

CAST EP3-93-DI -041 LAT 10 00.3N LONG 109 59.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 27.580 | 33.279 | 0.00 | 27.579 | 21.239 |
| 12. | 27.586 | 33.285 | 0.00 | 27.583 | 21.243 |
| 108. | 13.604 | 34.800 | 0.00 | 13.589 | 26.119 |
| 151. | 12.570 | 34.795 | 0.00 | 12.550 | 26.324 |
| 299. | 10.471 | 34.707 | 0.00 | 10.435 | 26.648 |
| 498. | 7.727 | 34.573 | 0.00 | 7.677 | 26.986 |
| 599. | 6.779 | 34.555 | 0.00 | 6.723 | 27.106 |
| 698. | 5.983 | 34.548 | 0.00 | 5.921 | 27.206 |
| 798. | 5.405 | 34.546 | 0.00 | 5.337 | 27.276 |
| 898. | 5.020 | 34.549 | 0.00 | 4.946 | 27.324 |
| 999. | 4.641 | 34.554 | 0.00 | 4.560 | 27.371 |
| 999. | 4.642 | 34.548 | 0.00 | 4.561 | 27.367 |

# EP4-93-DI
# September 25–October 22, 1993
# CTD and Hydrographic Data Summary

CAST EP4-93-DI -002 DATE 30 SEP 93 TIME 0822 GMT

LAT 08 00.1N LONG 124 59.6W

CAST EP4-93-DI -002 DATE 30 SEP 93 TIME 0822 GMT
LAT 08 00.1N LONG 124 59.6W WEATHER 1 SEA STATE 3
BAROMETER 11 WIND DIR 190 T SPD 08 KT VISIBILITY 7
CLOUD 8 AMOUNT 4 DRY 27.0 WET 24.7 DEPTH 4680 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.995 | 33.673 | 21.401 | 0.000 |
| 10 | 27.992 | 33.674 | 21.403 | 0.064 |
| 20 | 27.983 | 33.676 | 21.407 | 0.128 |
| 30 | 27.898 | 33.712 | 21.462 | 0.191 |
| 40 | 27.840 | 33.788 | 21.538 | 0.254 |
| 50 | 27.800 | 33.798 | 21.558 | 0.317 |
| 60 | 27.780 | 33.805 | 21.570 | 0.380 |
| 70 | 25.214 | 34.432 | 22.848 | 0.437 |
| 80 | 20.314 | 34.641 | 24.406 | 0.478 |
| 90 | 16.785 | 34.584 | 25.247 | 0.509 |
| 100 | 15.169 | 34.626 | 25.647 | 0.534 |
| 110 | 14.244 | 34.662 | 25.875 | 0.557 |
| 120 | 13.695 | 34.729 | 26.042 | 0.577 |
| 130 | 13.220 | 34.763 | 26.166 | 0.597 |
| 140 | 12.771 | 34.778 | 26.267 | 0.615 |
| 150 | 12.462 | 34.766 | 26.319 | 0.633 |
| 160 | 12.226 | 34.757 | 26.357 | 0.650 |
| 170 | 12.051 | 34.770 | 26.401 | 0.667 |
| 180 | 11.914 | 34.771 | 26.428 | 0.683 |
| 190 | 11.690 | 34.751 | 26.455 | 0.699 |
| 200 | 11.534 | 34.736 | 26.472 | 0.715 |
| 250 | 10.955 | 34.728 | 26.572 | 0.793 |
| 300 | 10.489 | 34.706 | 26.638 | 0.867 |
| 350 | 10.033 | 34.688 | 26.703 | 0.939 |
| 400 | 9.565 | 34.667 | 26.765 | 1.008 |
| 450 | 9.051 | 34.641 | 26.829 | 1.075 |
| 500 | 8.342 | 34.591 | 26.901 | 1.139 |
| 550 | 7.861 | 34.573 | 26.959 | 1.199 |
| 600 | 7.289 | 34.559 | 27.031 | 1.257 |
| 650 | 6.835 | 34.556 | 27.092 | 1.312 |
| 700 | 6.372 | 34.543 | 27.144 | 1.364 |
| 750 | 5.970 | 34.536 | 27.190 | 1.414 |
| 800 | 5.573 | 34.537 | 27.240 | 1.461 |
| 900 | 5.029 | 34.542 | 27.309 | 1.551 |
| 1000 | 4.623 | 34.548 | 27.359 | 1.636 |
| 1004 | 4.616 | 34.547 | 27.360 | 1.639 |

CAST EP4-93-DI -003 DATE 01 OCT 93 TIME 0825 GMT

LAT 05 04.3N LONG 124 58.7W

CAST EP4-93-DI -003 DATE 01 OCT 93 TIME 0825 GMT
LAT 05 04.3N LONG 124 58.7W WEATHER 2 SEA STATE 2
BAROMETER 11 WIND DIR 170 T SPD 07 KT VISIBILITY 7
CLOUD 7 AMOUNT 8 DRY 26.5 WET 23.3 DEPTH 4367 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.671 | 34.557 | 22.490 | 0.000 |
| 10 | 26.665 | 34.556 | 22.492 | 0.053 |
| 20 | 26.660 | 34.555 | 22.493 | 0.107 |
| 30 | 26.624 | 34.551 | 22.501 | 0.160 |
| 40 | 26.530 | 34.535 | 22.518 | 0.214 |
| 50 | 26.314 | 34.488 | 22.551 | 0.267 |
| 60 | 25.964 | 34.450 | 22.632 | 0.320 |
| 70 | 25.494 | 34.540 | 22.845 | 0.371 |
| 80 | 25.135 | 34.633 | 23.025 | 0.421 |
| 90 | 24.787 | 34.638 | 23.134 | 0.469 |
| 100 | 24.750 | 34.660 | 23.162 | 0.517 |
| 110 | 24.494 | 34.677 | 23.251 | 0.564 |
| 120 | 24.009 | 34.681 | 23.399 | 0.610 |
| 130 | 23.096 | 34.689 | 23.672 | 0.654 |
| 140 | 21.714 | 34.716 | 24.083 | 0.695 |
| 150 | 16.924 | 34.657 | 25.270 | 0.727 |
| 160 | 15.483 | 34.641 | 25.589 | 0.753 |
| 170 | 14.490 | 34.635 | 25.802 | 0.776 |
| 180 | 12.885 | 34.665 | 26.157 | 0.796 |
| 190 | 12.340 | 34.688 | 26.282 | 0.815 |
| 200 | 12.087 | 34.702 | 26.342 | 0.833 |
| 250 | 10.955 | 34.702 | 26.552 | 0.913 |
| 300 | 10.185 | 34.685 | 26.674 | 0.987 |
| 350 | 9.776 | 34.672 | 26.734 | 1.057 |
| 400 | 9.318 | 34.652 | 26.795 | 1.125 |
| 450 | 8.706 | 34.626 | 26.872 | 1.190 |
| 500 | 8.150 | 34.607 | 26.943 | 1.251 |
| 550 | 7.412 | 34.580 | 27.030 | 1.309 |
| 600 | 6.937 | 34.567 | 27.087 | 1.364 |
| 650 | 6.440 | 34.552 | 27.142 | 1.416 |
| 700 | 6.187 | 34.549 | 27.172 | 1.466 |
| 750 | 5.838 | 34.541 | 27.211 | 1.514 |
| 800 | 5.567 | 34.540 | 27.243 | 1.561 |
| 900 | 5.013 | 34.545 | 27.313 | 1.650 |
| 1000 | 4.500 | 34.552 | 27.376 | 1.733 |
| 1004 | 4.491 | 34.552 | 27.377 | 1.737 |

CAST EP4-93-DI -004 DATE 01 OCT 93 TIME 1416 GMT

LAT 04 00.0N LONG 125 00.0W

CAST EP4-93-DI -004 DATE 01 OCT 93 TIME 1416 GMT
LAT 04 00.0N LONG 125 00.0W WEATHER 1 SEA STATE 3
BAROMETER 97 WIND DIR 140 T SPD 12 KT VISIBILITY 8
CLOUD 6 AMOUNT 6 DRY 26.5 WET 22.9 DEPTH 4485 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG--TH | DELTA--D (DYN--M) |
|---|---|---|---|---|
| 0 | 26.055 | 34.300 | 22.490 | 0.000 |
| 10 | 26.056 | 34.300 | 22.490 | 0.053 |
| 20 | 26.057 | 34.301 | 22.490 | 0.107 |
| 30 | 26.038 | 34.302 | 22.497 | 0.160 |
| 40 | 25.997 | 34.312 | 22.517 | 0.214 |
| 50 | 25.863 | 34.343 | 22.582 | 0.267 |
| 60 | 25.720 | 34.366 | 22.643 | 0.319 |
| 70 | 25.507 | 34.449 | 22.772 | 0.371 |
| 80 | 25.188 | 34.564 | 22.956 | 0.422 |
| 90 | 24.423 | 34.606 | 23.219 | 0.470 |
| 100 | 23.571 | 34.788 | 23.609 | 0.514 |
| 110 | 23.174 | 34.852 | 23.773 | 0.557 |
| 120 | 22.679 | 34.815 | 23.887 | 0.598 |
| 130 | 21.402 | 34.788 | 24.224 | 0.637 |
| 140 | 17.057 | 34.785 | 25.337 | 0.668 |
| 150 | 16.034 | 34.808 | 25.593 | 0.694 |
| 160 | 14.978 | 34.725 | 25.765 | 0.718 |
| 170 | 14.081 | 34.800 | 26.016 | 0.739 |
| 180 | 13.517 | 34.809 | 26.141 | 0.759 |
| 190 | 12.994 | 34.797 | 26.237 | 0.777 |
| 200 | 12.653 | 34.742 | 26.262 | 0.795 |
| 250 | 11.168 | 34.658 | 26.479 | 0.881 |
| 300 | 10.543 | 34.675 | 26.604 | 0.958 |
| 350 | 9.995 | 34.669 | 26.695 | 1.031 |
| 400 | 9.578 | 34.662 | 26.760 | 1.101 |
| 450 | 9.044 | 34.649 | 26.837 | 1.167 |
| 500 | 8.411 | 34.619 | 26.913 | 1.231 |
| 550 | 7.854 | 34.600 | 26.981 | 1.291 |
| 600 | 7.196 | 34.576 | 27.057 | 1.348 |
| 650 | 6.678 | 34.561 | 27.117 | 1.401 |
| 700 | 6.219 | 34.547 | 27.167 | 1.452 |
| 750 | 5.860 | 34.542 | 27.209 | 1.500 |
| 800 | 5.589 | 34.540 | 27.241 | 1.547 |
| 900 | 4.983 | 34.545 | 27.316 | 1.636 |
| 1000 | 4.517 | 34.549 | 27.373 | 1.719 |
| 1003 | 4.501 | 34.549 | 27.374 | 1.722 |

CAST EP4-93-DI -005 DATE 01 OCT 93 TIME 1958 GMT

LAT 02 59.5N LONG 125 00.1W

CAST EP4-93-DI -005 DATE 01 OCT 93 TIME 1958 GMT
LAT 02 59.5N LONG 125 00.1W WEATHER 0 SEA STATE 3
BAROMETER 11 WIND DIR 130 T SPD 12 KT VISIBILITY 7
CLOUD 3 AMOUNT 1 DRY 27.4 WET 23.0 DEPTH 4446 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.799 | 34.493 | 22.402 | 0.000 |
| 10 | 26.804 | 34.493 | 22.401 | 0.054 |
| 20 | 26.730 | 34.491 | 22.422 | 0.109 |
| 30 | 26.678 | 34.489 | 22.437 | 0.163 |
| 40 | 26.571 | 34.479 | 22.464 | 0.217 |
| 50 | 26.358 | 34.449 | 22.508 | 0.270 |
| 60 | 25.755 | 34.435 | 22.685 | 0.323 |
| 70 | 25.088 | 34.554 | 22.979 | 0.374 |
| 80 | 23.888 | 34.601 | 23.374 | 0.421 |
| 90 | 23.723 | 34.828 | 23.595 | 0.465 |
| 100 | 23.481 | 34.834 | 23.670 | 0.508 |
| 110 | 22.635 | 34.858 | 23.932 | 0.550 |
| 120 | 20.530 | 34.783 | 24.457 | 0.587 |
| 130 | 17.359 | 34.799 | 25.275 | 0.619 |
| 140 | 14.779 | 34.930 | 25.967 | 0.642 |
| 150 | 13.948 | 34.924 | 26.140 | 0.662 |
| 160 | 13.571 | 34.907 | 26.205 | 0.681 |
| 170 | 13.296 | 34.896 | 26.253 | 0.699 |
| 180 | 13.128 | 34.892 | 26.284 | 0.717 |
| 190 | 13.041 | 34.893 | 26.302 | 0.735 |
| 200 | 12.926 | 34.887 | 26.320 | 0.752 |
| 250 | 12.393 | 34.847 | 26.395 | 0.839 |
| 300 | 11.285 | 34.760 | 26.537 | 0.920 |
| 350 | 10.761 | 34.732 | 26.610 | 0.997 |
| 400 | 9.818 | 34.672 | 26.727 | 1.070 |
| 450 | 8.906 | 34.645 | 26.856 | 1.137 |
| 500 | 8.374 | 34.625 | 26.923 | 1.199 |
| 550 | 7.586 | 34.589 | 27.012 | 1.258 |
| 600 | 6.685 | 34.561 | 27.116 | 1.313 |
| 650 | 6.287 | 34.551 | 27.161 | 1.363 |
| 700 | 5.938 | 34.544 | 27.201 | 1.412 |
| 750 | 5.590 | 34.542 | 27.242 | 1.459 |
| 800 | 5.301 | 34.541 | 27.276 | 1.504 |
| 900 | 4.717 | 34.544 | 27.346 | 1.590 |
| 1000 | 4.333 | 34.553 | 27.395 | 1.670 |
| 1500 | 2.895 | 34.605 | 27.579 | 2.017 |
| 1500 | 2.895 | 34.605 | 27.579 | 2.017 |

CAST EP4-93-DI -006 DATE 02 OCT 93 TIME 0207 GMT

LAT 01 53.8N LONG 125 01.8W

CAST EP4-93-DI -006 DATE 02 OCT 93 TIME 0207 GMT
LAT 01 53.8N LONG 125 01.8W WEATHER 1 SEA STATE 3
BAROMETER 82 WIND DIR 135 T SPD 13 KT VISIBILITY 8
CLOUD 7 AMOUNT 2 DRY 26.5 WET 22.0 DEPTH 4618 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.109 | 34.541 | 22.340 | 0.000 |
| 10 | 27.083 | 34.543 | 22.350 | 0.055 |
| 20 | 26.900 | 34.535 | 22.402 | 0.109 |
| 30 | 26.804 | 34.520 | 22.420 | 0.164 |
| 40 | 26.686 | 34.500 | 22.443 | 0.218 |
| 50 | 26.269 | 34.467 | 22.549 | 0.272 |
| 60 | 25.338 | 34.475 | 22.843 | 0.323 |
| 70 | 25.227 | 34.503 | 22.899 | 0.373 |
| 80 | 24.194 | 34.638 | 23.312 | 0.421 |
| 90 | 22.515 | 34.698 | 23.845 | 0.465 |
| 100 | 17.809 | 34.739 | 25.120 | 0.500 |
| 110 | 16.217 | 34.824 | 25.563 | 0.526 |
| 120 | 15.503 | 34.903 | 25.786 | 0.550 |
| 130 | 14.695 | 34.931 | 25.986 | 0.571 |
| 140 | 14.239 | 34.924 | 26.078 | 0.591 |
| 150 | 14.037 | 34.930 | 26.126 | 0.611 |
| 160 | 13.890 | 34.928 | 26.155 | 0.630 |
| 170 | 13.720 | 34.919 | 26.184 | 0.649 |
| 180 | 13.479 | 34.912 | 26.228 | 0.667 |
| 190 | 13.339 | 34.914 | 26.259 | 0.685 |
| 200 | 13.053 | 34.896 | 26.302 | 0.703 |
| 250 | 12.562 | 34.867 | 26.378 | 0.790 |
| 300 | 11.926 | 34.816 | 26.461 | 0.874 |
| 350 | 11.043 | 34.753 | 26.576 | 0.954 |
| 400 | 10.034 | 34.701 | 26.713 | 1.027 |
| 450 | 9.093 | 34.658 | 26.836 | 1.095 |
| 500 | 8.147 | 34.619 | 26.952 | 1.157 |
| 550 | 7.175 | 34.575 | 27.060 | 1.213 |
| 600 | 6.516 | 34.555 | 27.134 | 1.266 |
| 650 | 6.216 | 34.550 | 27.170 | 1.316 |
| 700 | 5.975 | 34.545 | 27.197 | 1.364 |
| 750 | 5.722 | 34.542 | 27.226 | 1.412 |
| 800 | 5.447 | 34.542 | 27.259 | 1.458 |
| 900 | 4.815 | 34.544 | 27.335 | 1.545 |
| 1000 | 4.370 | 34.553 | 27.392 | 1.626 |
| 1002 | 4.358 | 34.554 | 27.393 | 1.628 |

CAST EP4-93-DI -010 DATE 04 OCT 93 TIME 0609 GMT

LAT 02 00.0S LONG 124 53.5W

CAST EP4-93-DI -010 DATE 04 OCT 93 TIME 0609 GMT
LAT 02 00.0S LONG 124 53.5W WEATHER 1 SEA STATE 3
BAROMETER 12 WIND DIR 105 T SPD 18 KT VISIBILITY 8
CLOUD AMOUNT 2 DRY 25.9 WET 23.8 DEPTH 4710 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 25.439 | 35.082 | 23.271 | 0.000 |
| 10 | 25.438 | 35.083 | 23.272 | 0.046 |
| 20 | 25.435 | 35.085 | 23.274 | 0.092 |
| 30 | 25.421 | 35.084 | 23.278 | 0.138 |
| 40 | 25.331 | 35.080 | 23.302 | 0.184 |
| 50 | 25.262 | 35.081 | 23.324 | 0.230 |
| 60 | 25.202 | 35.113 | 23.367 | 0.275 |
| 70 | 24.907 | 35.117 | 23.459 | 0.320 |
| 80 | 24.724 | 35.110 | 23.510 | 0.364 |
| 90 | 24.374 | 35.151 | 23.646 | 0.408 |
| 100 | 21.686 | 35.363 | 24.583 | 0.447 |
| 110 | 19.213 | 35.461 | 25.320 | 0.477 |
| 120 | 15.901 | 35.377 | 26.061 | 0.500 |
| 130 | 14.460 | 35.167 | 26.219 | 0.519 |
| 140 | 14.125 | 35.040 | 26.193 | 0.537 |
| 150 | 13.957 | 35.018 | 26.211 | 0.556 |
| 160 | 13.741 | 34.998 | 26.240 | 0.574 |
| 170 | 13.464 | 34.974 | 26.279 | 0.592 |
| 180 | 13.282 | 34.957 | 26.303 | 0.610 |
| 190 | 13.121 | 34.947 | 26.328 | 0.627 |
| 200 | 12.955 | 34.935 | 26.352 | 0.645 |
| 250 | 12.442 | 34.897 | 26.424 | 0.729 |
| 300 | 11.721 | 34.865 | 26.538 | 0.810 |
| 350 | 10.247 | 34.791 | 26.746 | 0.884 |
| 400 | 9.096 | 34.706 | 26.873 | 0.949 |
| 450 | 8.222 | 34.661 | 26.974 | 1.009 |
| 500 | 7.503 | 34.614 | 27.044 | 1.066 |
| 550 | 6.875 | 34.590 | 27.113 | 1.119 |
| 600 | 6.390 | 34.567 | 27.160 | 1.170 |
| 650 | 6.057 | 34.559 | 27.197 | 1.218 |
| 700 | 5.699 | 34.555 | 27.239 | 1.265 |
| 750 | 5.416 | 34.551 | 27.270 | 1.310 |
| 800 | 5.186 | 34.548 | 27.295 | 1.354 |
| 900 | 4.784 | 34.555 | 27.347 | 1.438 |
| 1000 | 4.458 | 34.558 | 27.386 | 1.519 |
| 1008 | 4.413 | 34.561 | 27.394 | 1.526 |

CAST EP4-93-DI -011 DATE 04 OCT 93 TIME 1146 GMT

LAT 03 00.0S LONG 125 00.0W

CAST EP4-93-DI -011 DATE 04 OCT 93 TIME 1146 GMT
LAT 03 00.0S LONG 125 00.0W WEATHER 1 SEA STATE 4
BAROMETER 09 WIND DIR 110 T SPD 15 KT VISIBILITY 4
CLOUD 6 AMOUNT 5 DRY 25.7 WET 22.5 DEPTH 4541 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.163 | 35.269 | 23.187 | 0.000 |
| 10 | 26.168 | 35.271 | 23.187 | 0.047 |
| 20 | 26.174 | 35.272 | 23.186 | 0.094 |
| 30 | 26.174 | 35.273 | 23.187 | 0.141 |
| 40 | 26.174 | 35.274 | 23.188 | 0.187 |
| 50 | 26.172 | 35.275 | 23.189 | 0.234 |
| 60 | 26.168 | 35.276 | 23.191 | 0.281 |
| 70 | 26.165 | 35.277 | 23.193 | 0.328 |
| 80 | 26.160 | 35.279 | 23.196 | 0.375 |
| 90 | 26.146 | 35.282 | 23.202 | 0.422 |
| 100 | 25.267 | 35.442 | 23.596 | 0.468 |
| 110 | 22.574 | 35.595 | 24.509 | 0.508 |
| 120 | 18.368 | 35.517 | 25.578 | 0.537 |
| 130 | 15.484 | 35.258 | 26.064 | 0.559 |
| 140 | 14.302 | 35.137 | 26.229 | 0.577 |
| 150 | 13.832 | 35.022 | 26.240 | 0.596 |
| 160 | 13.627 | 34.997 | 26.263 | 0.614 |
| 170 | 13.399 | 34.973 | 26.292 | 0.631 |
| 180 | 13.283 | 34.958 | 26.304 | 0.649 |
| 190 | 13.166 | 34.951 | 26.322 | 0.667 |
| 200 | 13.053 | 34.940 | 26.336 | 0.684 |
| 250 | 12.640 | 34.912 | 26.397 | 0.770 |
| 300 | 11.970 | 34.871 | 26.495 | 0.852 |
| 350 | 10.762 | 34.792 | 26.657 | 0.929 |
| 400 | 9.551 | 34.727 | 26.814 | 0.998 |
| 450 | 8.485 | 34.671 | 26.942 | 1.060 |
| 500 | 7.850 | 34.635 | 27.010 | 1.118 |
| 550 | 7.156 | 34.595 | 27.079 | 1.173 |
| 600 | 6.626 | 34.578 | 27.138 | 1.225 |
| 650 | 6.315 | 34.569 | 27.172 | 1.275 |
| 700 | 6.088 | 34.566 | 27.199 | 1.324 |
| 750 | 5.813 | 34.566 | 27.234 | 1.371 |
| 800 | 5.379 | 34.550 | 27.274 | 1.417 |
| 900 | 4.871 | 34.550 | 27.334 | 1.503 |
| 999 | 4.319 | 34.558 | 27.401 | 1.583 |

CAST EP4-93-DI -012 DATE 04 OCT 93 TIME 1717 GMT

LAT 03 59.6S LONG 124 59.9W

CAST EP4-93-DI -012 DATE 04 OCT 93 TIME 1717 GMT
LAT 03 59.6S LONG 124 59.9W WEATHER 1 SEA STATE 4
BAROMETER 13 WIND DIR 090 T SPD 15 KT VISIBILITY 8
CLOUD 8 AMOUNT 4 DRY 27.0 WET 22.8 DEPTH 4432 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.210 | 35.274 | 23.176 | 0.000 |
| 10 | 26.207 | 35.274 | 23.178 | 0.047 |
| 20 | 26.203 | 35.274 | 23.179 | 0.094 |
| 30 | 26.199 | 35.274 | 23.180 | 0.141 |
| 40 | 26.200 | 35.275 | 23.180 | 0.188 |
| 50 | 26.194 | 35.275 | 23.182 | 0.235 |
| 60 | 26.174 | 35.270 | 23.185 | 0.282 |
| 70 | 26.009 | 35.240 | 23.214 | 0.329 |
| 80 | 25.616 | 35.187 | 23.295 | 0.375 |
| 90 | 25.281 | 35.153 | 23.373 | 0.421 |
| 100 | 24.746 | 35.193 | 23.566 | 0.466 |
| 110 | 22.786 | 35.900 | 24.680 | 0.505 |
| 120 | 19.047 | 35.614 | 25.480 | 0.534 |
| 130 | 15.921 | 35.499 | 26.150 | 0.555 |
| 140 | 14.728 | 35.225 | 26.206 | 0.574 |
| 150 | 14.199 | 35.138 | 26.253 | 0.592 |
| 160 | 13.730 | 35.066 | 26.295 | 0.610 |
| 170 | 13.223 | 34.986 | 26.338 | 0.627 |
| 180 | 13.026 | 34.961 | 26.358 | 0.645 |
| 190 | 12.833 | 34.936 | 26.378 | 0.662 |
| 200 | 12.689 | 34.919 | 26.393 | 0.678 |
| 250 | 12.131 | 34.878 | 26.470 | 0.761 |
| 300 | 11.683 | 34.854 | 26.537 | 0.840 |
| 350 | 10.865 | 34.818 | 26.658 | 0.917 |
| 400 | 9.583 | 34.735 | 26.816 | 0.986 |
| 450 | 8.682 | 34.685 | 26.922 | 1.050 |
| 500 | 7.995 | 34.632 | 26.986 | 1.109 |
| 550 | 7.283 | 34.602 | 27.066 | 1.165 |
| 600 | 6.680 | 34.577 | 27.130 | 1.217 |
| 650 | 6.285 | 34.564 | 27.172 | 1.267 |
| 700 | 5.782 | 34.553 | 27.227 | 1.315 |
| 750 | 5.418 | 34.546 | 27.266 | 1.360 |
| 800 | 5.115 | 34.540 | 27.297 | 1.404 |
| 900 | 4.607 | 34.545 | 27.359 | 1.488 |
| 1000 | 4.150 | 34.552 | 27.414 | 1.566 |
| 1010 | 4.109 | 34.557 | 27.423 | 1.573 |

CAST EP4-93-DI -013 DATE 05 OCT 93 TIME 1950 GMT

LAT 05 01.3S LONG 124 56.0W

CAST EP4-93-DI -013 DATE 05 OCT 93 TIME 1950 GMT
LAT 05 01.3S LONG 124 56.0W WEATHER 0 SEA STATE 4
BAROMETER 12 WIND DIR 065 T SPD 14 KT VISIBILITY 7
CLOUD 8 AMOUNT 3 DRY 26.9 WET 22.5 DEPTH 4543 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.238 | 35.283 | 23.174 | 0.000 |
| 10 | 26.227 | 35.283 | 23.178 | 0.047 |
| 20 | 26.206 | 35.283 | 23.184 | 0.094 |
| 30 | 26.191 | 35.282 | 23.188 | 0.141 |
| 40 | 26.185 | 35.280 | 23.189 | 0.188 |
| 50 | 26.177 | 35.279 | 23.190 | 0.235 |
| 60 | 26.166 | 35.276 | 23.192 | 0.282 |
| 70 | 25.752 | 35.149 | 23.225 | 0.329 |
| 80 | 25.006 | 35.108 | 23.423 | 0.375 |
| 90 | 24.542 | 35.204 | 23.636 | 0.418 |
| 100 | 23.251 | 35.967 | 24.596 | 0.458 |
| 110 | 21.020 | 35.871 | 25.153 | 0.488 |
| 120 | 19.712 | 35.724 | 25.392 | 0.515 |
| 130 | 17.709 | 35.388 | 25.642 | 0.540 |
| 140 | 15.905 | 35.279 | 25.985 | 0.562 |
| 150 | 14.996 | 35.135 | 26.077 | 0.582 |
| 160 | 14.027 | 35.040 | 26.213 | 0.601 |
| 170 | 13.447 | 35.017 | 26.316 | 0.619 |
| 180 | 13.007 | 34.993 | 26.386 | 0.636 |
| 190 | 12.640 | 34.953 | 26.429 | 0.653 |
| 200 | 12.387 | 34.928 | 26.459 | 0.669 |
| 250 | 11.571 | 34.863 | 26.564 | 0.747 |
| 300 | 10.802 | 34.808 | 26.662 | 0.822 |
| 350 | 9.991 | 34.754 | 26.762 | 0.891 |
| 400 | 9.301 | 34.714 | 26.845 | 0.957 |
| 450 | 8.637 | 34.673 | 26.920 | 1.019 |
| 500 | 7.885 | 34.633 | 27.003 | 1.078 |
| 550 | 7.305 | 34.610 | 27.069 | 1.133 |
| 600 | 6.783 | 34.581 | 27.119 | 1.186 |
| 650 | 6.409 | 34.571 | 27.161 | 1.236 |
| 700 | 6.026 | 34.560 | 27.201 | 1.285 |
| 750 | 5.629 | 34.551 | 27.244 | 1.332 |
| 800 | 5.317 | 34.548 | 27.280 | 1.377 |
| 900 | 4.746 | 34.544 | 27.343 | 1.462 |
| 996 | 4.300 | 34.554 | 27.400 | 1.539 |

CAST EP4-93-DI -014 DATE 06 OCT 93 TIME 0100 GMT

LAT 06 00.1S LONG 125 00.0W

CAST EP4-93-DI -014 DATE 06 OCT 93 TIME 0100 GMT
LAT 06 00.1S LONG 125 00.0W WEATHER 1 SEA STATE 4
BAROMETER 95 WIND DIR 090 T SPD 11 KT VISIBILITY 7
CLOUD 6 AMOUNT 6 DRY 26.3 WET 23.0 DEPTH 4796 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.846 | 35.475 | 23.127 | 0.000 |
| 10 | 26.813 | 35.478 | 23.139 | 0.047 |
| 20 | 26.687 | 35.474 | 23.177 | 0.094 |
| 30 | 26.663 | 35.473 | 23.183 | 0.141 |
| 40 | 26.654 | 35.473 | 23.186 | 0.188 |
| 50 | 26.646 | 35.474 | 23.189 | 0.235 |
| 60 | 26.641 | 35.474 | 23.191 | 0.282 |
| 70 | 26.628 | 35.476 | 23.197 | 0.329 |
| 80 | 25.423 | 35.703 | 23.745 | 0.374 |
| 90 | 22.570 | 35.998 | 24.816 | 0.411 |
| 100 | 21.619 | 35.987 | 25.076 | 0.441 |
| 110 | 20.683 | 35.941 | 25.298 | 0.469 |
| 120 | 19.942 | 35.736 | 25.340 | 0.496 |
| 130 | 18.455 | 35.531 | 25.567 | 0.522 |
| 140 | 16.930 | 35.388 | 25.830 | 0.545 |
| 150 | 15.561 | 35.316 | 26.092 | 0.566 |
| 160 | 14.408 | 35.170 | 26.233 | 0.585 |
| 170 | 13.545 | 35.045 | 26.317 | 0.602 |
| 180 | 13.125 | 34.989 | 26.360 | 0.620 |
| 190 | 12.760 | 34.962 | 26.412 | 0.636 |
| 200 | 12.521 | 34.944 | 26.446 | 0.653 |
| 250 | 11.579 | 34.859 | 26.560 | 0.731 |
| 300 | 10.953 | 34.815 | 26.641 | 0.806 |
| 350 | 10.331 | 34.775 | 26.719 | 0.877 |
| 400 | 9.677 | 34.740 | 26.804 | 0.945 |
| 450 | 8.722 | 34.676 | 26.909 | 1.009 |
| 500 | 7.975 | 34.634 | 26.990 | 1.068 |
| 550 | 7.438 | 34.609 | 27.049 | 1.125 |
| 600 | 6.973 | 34.594 | 27.103 | 1.178 |
| 650 | 6.514 | 34.571 | 27.147 | 1.230 |
| 700 | 6.106 | 34.559 | 27.191 | 1.279 |
| 750 | 5.672 | 34.549 | 27.238 | 1.327 |
| 800 | 5.358 | 34.547 | 27.274 | 1.372 |
| 900 | 4.775 | 34.542 | 27.338 | 1.458 |
| 996 | 4.362 | 34.552 | 27.392 | 1.535 |

CAST EP4-93-DI -015 DATE 06 OCT 93 TIME 0633 GMT

LAT 07 00.1S LONG 125 00.0W

CAST EP4-93-DI -015 DATE 06 OCT 93 TIME 0633 GMT
LAT 07 00.1S LONG 125 00.0W WEATHER 1 SEA STATE 4
BAROMETER 13 WIND DIR 080 T SPD 13 KT VISIBILITY 7
CLOUD 8 AMOUNT 6 DRY 26.1 WET 22.5 DEPTH 4740 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.619 | 35.372 | 23.121 | 0.000 |
| 10 | 26.619 | 35.373 | 23.122 | 0.047 |
| 20 | 26.617 | 35.375 | 23.124 | 0.095 |
| 30 | 26.604 | 35.376 | 23.129 | 0.142 |
| 40 | 26.566 | 35.379 | 23.143 | 0.190 |
| 50 | 26.555 | 35.382 | 23.149 | 0.237 |
| 60 | 26.514 | 35.423 | 23.193 | 0.284 |
| 70 | 26.415 | 35.499 | 23.281 | 0.331 |
| 80 | 26.344 | 35.499 | 23.304 | 0.377 |
| 90 | 25.028 | 35.826 | 23.959 | 0.421 |
| 100 | 22.988 | 36.154 | 24.814 | 0.456 |
| 110 | 21.888 | 36.047 | 25.046 | 0.486 |
| 120 | 20.782 | 35.908 | 25.246 | 0.515 |
| 130 | 19.859 | 35.779 | 25.395 | 0.542 |
| 140 | 18.696 | 35.557 | 25.526 | 0.567 |
| 150 | 17.171 | 35.365 | 25.754 | 0.591 |
| 160 | 16.062 | 35.249 | 25.926 | 0.613 |
| 170 | 15.043 | 35.146 | 26.076 | 0.634 |
| 180 | 14.081 | 35.040 | 26.202 | 0.653 |
| 190 | 13.389 | 34.991 | 26.308 | 0.671 |
| 200 | 12.846 | 34.971 | 26.402 | 0.688 |
| 250 | 11.807 | 34.878 | 26.532 | 0.769 |
| 300 | 11.187 | 34.829 | 26.609 | 0.845 |
| 350 | 10.491 | 34.789 | 26.702 | 0.918 |
| 400 | 9.853 | 34.747 | 26.780 | 0.987 |
| 450 | 9.102 | 34.702 | 26.869 | 1.052 |
| 500 | 8.366 | 34.660 | 26.952 | 1.113 |
| 550 | 7.713 | 34.619 | 27.018 | 1.171 |
| 600 | 6.963 | 34.586 | 27.098 | 1.226 |
| 650 | 6.505 | 34.566 | 27.144 | 1.277 |
| 700 | 6.040 | 34.556 | 27.197 | 1.327 |
| 750 | 5.717 | 34.541 | 27.225 | 1.374 |
| 800 | 5.387 | 34.538 | 27.263 | 1.420 |
| 900 | 4.820 | 34.537 | 27.329 | 1.507 |
| 997 | 4.318 | 34.550 | 27.395 | 1.586 |

CAST EP4-93-DI -016 DATE 06 OCT 93 TIME 1224 GMT

LAT 07 57.6S LONG 125 01.2W

CAST EP4-93-DI -016 DATE 06 OCT 93 TIME 1224 GMT
LAT 07 57.6S LONG 125 01.2W WEATHER 0 SEA STATE 4
BAROMETER 12 WIND DIR 080 T SPD 11 KT VISIBILITY 8
CLOUD 6 AMOUNT 1 DRY 26.2 WET 23.0 DEPTH 4549 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.678 | 35.469 | 23.175 | 0.000 |
| 10 | 26.681 | 35.474 | 23.179 | 0.047 |
| 20 | 26.683 | 35.477 | 23.180 | 0.094 |
| 30 | 26.678 | 35.478 | 23.183 | 0.141 |
| 40 | 26.665 | 35.477 | 23.185 | 0.188 |
| 50 | 26.645 | 35.473 | 23.189 | 0.235 |
| 60 | 26.606 | 35.468 | 23.198 | 0.282 |
| 70 | 26.545 | 35.483 | 23.229 | 0.328 |
| 80 | 26.434 | 35.500 | 23.276 | 0.375 |
| 90 | 26.284 | 35.472 | 23.302 | 0.421 |
| 100 | 23.820 | 35.941 | 24.409 | 0.462 |
| 110 | 23.314 | 36.178 | 24.738 | 0.496 |
| 120 | 22.505 | 36.186 | 24.978 | 0.528 |
| 130 | 21.356 | 35.971 | 25.137 | 0.557 |
| 140 | 20.426 | 35.843 | 25.293 | 0.585 |
| 150 | 19.599 | 35.688 | 25.394 | 0.612 |
| 160 | 18.532 | 35.548 | 25.560 | 0.638 |
| 170 | 17.757 | 35.441 | 25.671 | 0.662 |
| 180 | 16.468 | 35.298 | 25.870 | 0.685 |
| 190 | 15.468 | 35.207 | 26.028 | 0.706 |
| 200 | 14.591 | 35.088 | 26.130 | 0.725 |
| 250 | 11.902 | 34.918 | 26.545 | 0.810 |
| 300 | 10.572 | 34.808 | 26.703 | 0.884 |
| 350 | 9.830 | 34.751 | 26.787 | 0.952 |
| 400 | 9.366 | 34.714 | 26.835 | 1.018 |
| 450 | 8.840 | 34.680 | 26.894 | 1.081 |
| 500 | 8.434 | 34.655 | 26.937 | 1.143 |
| 550 | 7.931 | 34.629 | 26.993 | 1.202 |
| 600 | 7.358 | 34.604 | 27.057 | 1.258 |
| 650 | 6.758 | 34.576 | 27.118 | 1.312 |
| 700 | 6.280 | 34.561 | 27.170 | 1.363 |
| 750 | 5.894 | 34.549 | 27.210 | 1.411 |
| 800 | 5.545 | 34.542 | 27.248 | 1.458 |
| 900 | 4.970 | 34.537 | 27.312 | 1.547 |
| 999 | 4.461 | 34.543 | 27.373 | 1.630 |

CAST EP4-93-DI -017 DATE 10 OCT 93 TIME 0127 GMT

LAT 05 00.3S LONG 139 54.3W

CAST EP4-93-DI -017 DATE 10 OCT 93 TIME 0127 GMT
LAT 05 00.3S LONG 139 54.3W WEATHER 1 SEA STATE 3
BAROMETER 72 WIND DIR 090 T SPD 13 KT VISIBILITY 8
CLOUD 6 AMOUNT 2 DRY 30.0 WET 29.0 DEPTH 4358 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.373 | 35.441 | 22.933 | 0.000 |
| 10 | 27.333 | 35.443 | 22.947 | 0.049 |
| 20 | 27.248 | 35.444 | 22.975 | 0.098 |
| 30 | 27.229 | 35.441 | 22.979 | 0.147 |
| 40 | 27.218 | 35.441 | 22.982 | 0.196 |
| 50 | 27.211 | 35.441 | 22.984 | 0.245 |
| 60 | 27.206 | 35.441 | 22.986 | 0.294 |
| 70 | 27.199 | 35.442 | 22.989 | 0.343 |
| 80 | 27.184 | 35.445 | 22.996 | 0.392 |
| 90 | 27.035 | 35.425 | 23.029 | 0.441 |
| 100 | 26.566 | 35.396 | 23.156 | 0.489 |
| 110 | 26.388 | 35.369 | 23.192 | 0.536 |
| 120 | 24.643 | 35.605 | 23.908 | 0.581 |
| 130 | 21.872 | 35.835 | 24.889 | 0.616 |
| 140 | 20.874 | 35.841 | 25.170 | 0.646 |
| 150 | 20.034 | 35.736 | 25.315 | 0.673 |
| 160 | 18.962 | 35.573 | 25.470 | 0.700 |
| 170 | 17.569 | 35.467 | 25.737 | 0.724 |
| 180 | 15.800 | 35.209 | 25.955 | 0.746 |
| 190 | 14.321 | 35.119 | 26.212 | 0.766 |
| 200 | 13.330 | 35.022 | 26.344 | 0.784 |
| 250 | 11.490 | 34.864 | 26.580 | 0.863 |
| 300 | 10.570 | 34.797 | 26.695 | 0.936 |
| 350 | 9.583 | 34.729 | 26.811 | 1.004 |
| 400 | 8.860 | 34.683 | 26.893 | 1.067 |
| 450 | 8.231 | 34.651 | 26.965 | 1.127 |
| 500 | 7.728 | 34.618 | 27.014 | 1.184 |
| 550 | 7.082 | 34.592 | 27.086 | 1.239 |
| 600 | 6.621 | 34.567 | 27.130 | 1.291 |
| 650 | 6.183 | 34.557 | 27.179 | 1.340 |
| 700 | 5.749 | 34.548 | 27.227 | 1.388 |
| 750 | 5.456 | 34.540 | 27.257 | 1.434 |
| 800 | 5.119 | 34.538 | 27.295 | 1.478 |
| 900 | 4.631 | 34.542 | 27.354 | 1.562 |
| 996 | 4.189 | 34.552 | 27.410 | 1.637 |

CAST EP4-93-DI -018 DATE 10 OCT 93 TIME 1122 GMT

LAT 03 59.8S LONG 140 00.1W

CAST EP4-93-DI -018 DATE 10 OCT 93 TIME 1122 GMT
LAT 03 59.8S LONG 140 00.1W WEATHER 1 SEA STATE 3
BAROMETER 09 WIND DIR 095 T SPD 13 KT VISIBILITY 7
CLOUD 8 AMOUNT 1 DRY 26.5 WET 22.6 DEPTH 4495 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.175 | 35.378 | 22.949 | 0.000 |
| 10 | 27.173 | 35.383 | 22.953 | 0.049 |
| 20 | 27.173 | 35.387 | 22.956 | 0.098 |
| 30 | 27.179 | 35.390 | 22.956 | 0.147 |
| 40 | 27.174 | 35.392 | 22.959 | 0.196 |
| 50 | 27.164 | 35.390 | 22.961 | 0.245 |
| 60 | 27.159 | 35.390 | 22.963 | 0.295 |
| 70 | 27.109 | 35.384 | 22.974 | 0.344 |
| 80 | 27.065 | 35.391 | 22.994 | 0.393 |
| 90 | 26.968 | 35.400 | 23.031 | 0.442 |
| 100 | 26.328 | 35.385 | 23.223 | 0.490 |
| 110 | 24.960 | 35.628 | 23.830 | 0.534 |
| 120 | 23.151 | 35.775 | 24.480 | 0.572 |
| 130 | 20.385 | 35.738 | 25.224 | 0.603 |
| 140 | 18.195 | 35.591 | 25.677 | 0.629 |
| 150 | 16.061 | 35.277 | 25.948 | 0.651 |
| 160 | 14.805 | 35.165 | 26.143 | 0.671 |
| 170 | 13.894 | 35.089 | 26.279 | 0.690 |
| 180 | 13.141 | 35.023 | 26.383 | 0.707 |
| 190 | 12.319 | 34.946 | 26.486 | 0.723 |
| 200 | 12.098 | 34.935 | 26.521 | 0.739 |
| 250 | 11.075 | 34.830 | 26.630 | 0.815 |
| 300 | 10.159 | 34.766 | 26.742 | 0.885 |
| 350 | 9.274 | 34.713 | 26.849 | 0.951 |
| 400 | 8.600 | 34.668 | 26.922 | 1.012 |
| 450 | 8.064 | 34.641 | 26.982 | 1.071 |
| 500 | 7.487 | 34.610 | 27.043 | 1.127 |
| 550 | 7.062 | 34.591 | 27.088 | 1.181 |
| 600 | 6.644 | 34.577 | 27.134 | 1.233 |
| 650 | 6.289 | 34.560 | 27.168 | 1.283 |
| 700 | 5.887 | 34.553 | 27.214 | 1.331 |
| 750 | 5.570 | 34.545 | 27.247 | 1.378 |
| 800 | 5.352 | 34.544 | 27.273 | 1.423 |
| 900 | 4.749 | 34.542 | 27.341 | 1.509 |
| 996 | 4.345 | 34.552 | 27.393 | 1.587 |

CAST EP4-93-DI -019 DATE 10 OCT 93 TIME 1639 GMT

LAT 03 00.0S LONG 140 00.2W

CAST EP4-93-DI -019 DATE 10 OCT 93 TIME 1639 GMT
LAT 03 00.0S LONG 140 00.2W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 090 T SPD 13 KT VISIBILITY 8
CLOUD 8 AMOUNT 3 DRY 27.0 WET 23.0 DEPTH 4412 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.063 | 35.425 | 23.020 | 0.000 |
| 10 | 27.063 | 35.425 | 23.020 | 0.048 |
| 20 | 27.064 | 35.426 | 23.021 | 0.097 |
| 30 | 27.057 | 35.426 | 23.023 | 0.145 |
| 40 | 27.056 | 35.426 | 23.023 | 0.194 |
| 50 | 27.049 | 35.422 | 23.022 | 0.242 |
| 60 | 27.016 | 35.415 | 23.027 | 0.291 |
| 70 | 26.960 | 35.407 | 23.039 | 0.339 |
| 80 | 26.769 | 35.392 | 23.089 | 0.388 |
| 90 | 26.324 | 35.377 | 23.218 | 0.435 |
| 100 | 25.632 | 35.411 | 23.460 | 0.481 |
| 110 | 24.586 | 35.679 | 23.982 | 0.524 |
| 120 | 22.478 | 35.967 | 24.819 | 0.560 |
| 130 | 20.394 | 35.768 | 25.244 | 0.589 |
| 140 | 17.295 | 35.466 | 25.802 | 0.614 |
| 150 | 15.584 | 35.369 | 26.127 | 0.635 |
| 160 | 14.422 | 35.152 | 26.216 | 0.653 |
| 170 | 13.376 | 35.034 | 26.343 | 0.671 |
| 180 | 13.107 | 34.993 | 26.366 | 0.688 |
| 190 | 13.018 | 34.961 | 26.360 | 0.705 |
| 200 | 12.899 | 34.945 | 26.371 | 0.722 |
| 250 | 12.178 | 34.892 | 26.472 | 0.805 |
| 300 | 11.345 | 34.837 | 26.586 | 0.884 |
| 350 | 9.844 | 34.757 | 26.789 | 0.955 |
| 400 | 8.824 | 34.694 | 26.907 | 1.018 |
| 450 | 8.180 | 34.653 | 26.975 | 1.077 |
| 500 | 7.556 | 34.620 | 27.041 | 1.134 |
| 550 | 7.055 | 34.598 | 27.095 | 1.187 |
| 600 | 6.488 | 34.578 | 27.156 | 1.238 |
| 650 | 6.007 | 34.559 | 27.203 | 1.287 |
| 700 | 5.676 | 34.555 | 27.242 | 1.334 |
| 750 | 5.398 | 34.550 | 27.272 | 1.379 |
| 800 | 5.089 | 34.549 | 27.308 | 1.422 |
| 900 | 4.704 | 34.550 | 27.352 | 1.506 |
| 997 | 4.365 | 34.556 | 27.395 | 1.583 |

CAST EP4-93-DI -020 DATE 11 OCT 93 TIME 0304 GMT

LAT 01 58.9S LONG 140 00.6W

CAST EP4-93-DI -020 DATE 11 OCT 93 TIME 0304 GMT
LAT 01 58.9S LONG 140 00.6W WEATHER 1 SEA STATE 4
BAROMETER 97 WIND DIR 065 T SPD 14 KT VISIBILITY 7
CLOUD 8 AMOUNT 1 DRY 27.3 WET 23.0 DEPTH 4175 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.229 | 35.341 | 22.903 | 0.000 |
| 10 | 27.172 | 35.353 | 22.931 | 0.049 |
| 20 | 27.040 | 35.352 | 22.972 | 0.099 |
| 30 | 27.020 | 35.350 | 22.977 | 0.147 |
| 40 | 26.999 | 35.355 | 22.987 | 0.196 |
| 50 | 26.963 | 35.370 | 23.011 | 0.245 |
| 60 | 26.857 | 35.382 | 23.053 | 0.294 |
| 70 | 26.651 | 35.386 | 23.121 | 0.342 |
| 80 | 26.472 | 35.361 | 23.159 | 0.389 |
| 90 | 26.475 | 35.362 | 23.159 | 0.437 |
| 100 | 26.243 | 35.329 | 23.207 | 0.484 |
| 110 | 24.920 | 35.521 | 23.761 | 0.529 |
| 120 | 21.873 | 35.765 | 24.836 | 0.565 |
| 130 | 20.529 | 35.775 | 25.213 | 0.595 |
| 140 | 20.064 | 35.661 | 25.250 | 0.623 |
| 150 | 18.030 | 35.574 | 25.705 | 0.648 |
| 160 | 15.838 | 35.327 | 26.037 | 0.670 |
| 170 | 14.485 | 35.193 | 26.234 | 0.689 |
| 180 | 13.516 | 35.039 | 26.319 | 0.706 |
| 190 | 13.206 | 34.984 | 26.339 | 0.724 |
| 200 | 13.078 | 34.955 | 26.343 | 0.741 |
| 250 | 12.443 | 34.900 | 26.426 | 0.826 |
| 300 | 11.874 | 34.856 | 26.502 | 0.907 |
| 350 | 10.625 | 34.800 | 26.687 | 0.984 |
| 400 | 9.658 | 34.729 | 26.799 | 1.053 |
| 450 | 8.270 | 34.659 | 26.965 | 1.115 |
| 500 | 7.525 | 34.614 | 27.041 | 1.171 |
| 550 | 6.962 | 34.585 | 27.097 | 1.225 |
| 600 | 6.451 | 34.566 | 27.151 | 1.276 |
| 650 | 6.042 | 34.559 | 27.199 | 1.324 |
| 700 | 5.737 | 34.552 | 27.232 | 1.371 |
| 750 | 5.460 | 34.548 | 27.263 | 1.417 |
| 800 | 5.222 | 34.546 | 27.290 | 1.461 |
| 900 | 4.692 | 34.548 | 27.352 | 1.545 |
| 996 | 4.319 | 34.556 | 27.399 | 1.622 |

CAST EP4-93-DI -022 DATE 13 OCT 93 TIME 0311 GMT

LAT 00 02.1N LONG 139 59.7W

CAST EP4-93-DI -022 DATE 13 OCT 93 TIME 0311 GMT
LAT 00 02.1N LONG 139 59.7W WEATHER 0 SEA STATE 4
BAROMETER 10 WIND DIR 095 T SPD 19 KT VISIBILITY 7
CLOUD 8 AMOUNT 4 DRY 26.6 WET 23.8 DEPTH 4330 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.337 | 34.993 | 22.924 | 0.000 |
| 10 | 26.317 | 34.994 | 22.931 | 0.049 |
| 20 | 26.223 | 34.998 | 22.964 | 0.098 |
| 30 | 26.119 | 35.003 | 23.000 | 0.147 |
| 40 | 25.985 | 35.026 | 23.059 | 0.196 |
| 50 | 25.808 | 35.098 | 23.169 | 0.243 |
| 60 | 24.905 | 35.119 | 23.462 | 0.289 |
| 70 | 22.643 | 35.002 | 24.039 | 0.331 |
| 80 | 21.786 | 34.929 | 24.225 | 0.369 |
| 90 | 20.465 | 34.922 | 24.580 | 0.405 |
| 100 | 19.465 | 35.096 | 24.976 | 0.437 |
| 110 | 18.201 | 35.013 | 25.233 | 0.466 |
| 120 | 17.172 | 35.001 | 25.475 | 0.492 |
| 130 | 15.990 | 34.920 | 25.689 | 0.516 |
| 140 | 14.659 | 34.856 | 25.936 | 0.539 |
| 150 | 13.871 | 34.744 | 26.017 | 0.559 |
| 160 | 13.464 | 34.744 | 26.101 | 0.579 |
| 170 | 13.026 | 34.755 | 26.198 | 0.598 |
| 180 | 12.948 | 34.856 | 26.293 | 0.616 |
| 190 | 12.797 | 34.880 | 26.341 | 0.634 |
| 200 | 12.689 | 34.882 | 26.364 | 0.651 |
| 250 | 12.481 | 34.892 | 26.413 | 0.735 |
| 300 | 11.775 | 34.838 | 26.507 | 0.817 |
| 350 | 10.068 | 34.748 | 26.744 | 0.891 |
| 400 | 8.903 | 34.682 | 26.885 | 0.957 |
| 450 | 8.637 | 34.658 | 26.908 | 1.019 |
| 500 | 7.890 | 34.628 | 26.999 | 1.078 |
| 550 | 7.405 | 34.601 | 27.048 | 1.135 |
| 600 | 6.570 | 34.575 | 27.143 | 1.187 |
| 650 | 5.985 | 34.563 | 27.209 | 1.236 |
| 700 | 5.594 | 34.553 | 27.250 | 1.283 |
| 750 | 5.256 | 34.551 | 27.289 | 1.327 |
| 800 | 4.985 | 34.547 | 27.318 | 1.370 |
| 900 | 4.774 | 34.550 | 27.344 | 1.454 |
| 999 | 4.390 | 34.558 | 27.393 | 1.534 |

CAST EP4-93-DI -023 DATE 13 OCT 93 TIME 0828 GMT

LAT 00 59.9N LONG 140 00.1W

CAST EP4-93-DI -023 DATE 13 OCT 93 TIME 0828 GMT
LAT 00 59.9N LONG 140 00.1W WEATHER 1 SEA STATE 4
BAROMETER 23 WIND DIR 100 T SPD 20 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 26.0 WET 22.8 DEPTH 4305 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 26.406 | 34.826 | 22.777 | 0.000 |
| 10 | 26.406 | 34.827 | 22.778 | 0.051 |
| 20 | 26.407 | 34.827 | 22.777 | 0.101 |
| 30 | 26.402 | 34.828 | 22.780 | 0.152 |
| 40 | 26.323 | 34.842 | 22.815 | 0.203 |
| 50 | 25.871 | 34.922 | 23.017 | 0.253 |
| 60 | 25.315 | 34.927 | 23.192 | 0.300 |
| 70 | 24.358 | 34.872 | 23.440 | 0.346 |
| 80 | 23.283 | 34.808 | 23.708 | 0.390 |
| 90 | 22.157 | 34.795 | 24.019 | 0.430 |
| 100 | 20.204 | 34.899 | 24.632 | 0.467 |
| 110 | 17.425 | 34.841 | 25.292 | 0.497 |
| 120 | 15.287 | 34.862 | 25.803 | 0.522 |
| 130 | 14.402 | 34.865 | 25.998 | 0.543 |
| 140 | 13.952 | 34.915 | 26.132 | 0.563 |
| 150 | 13.628 | 34.935 | 26.215 | 0.581 |
| 160 | 13.320 | 34.929 | 26.274 | 0.599 |
| 170 | 13.131 | 34.914 | 26.300 | 0.617 |
| 180 | 12.963 | 34.908 | 26.330 | 0.635 |
| 190 | 12.844 | 34.898 | 26.346 | 0.652 |
| 200 | 12.584 | 34.891 | 26.391 | 0.669 |
| 250 | 11.788 | 34.846 | 26.510 | 0.750 |
| 300 | 11.058 | 34.787 | 26.599 | 0.828 |
| 350 | 10.866 | 34.784 | 26.632 | 0.902 |
| 400 | 10.299 | 34.723 | 26.684 | 0.975 |
| 450 | 9.222 | 34.678 | 26.831 | 1.044 |
| 500 | 8.245 | 34.635 | 26.950 | 1.106 |
| 550 | 7.615 | 34.610 | 27.024 | 1.163 |
| 600 | 7.231 | 34.579 | 27.055 | 1.219 |
| 650 | 6.472 | 34.573 | 27.154 | 1.271 |
| 700 | 6.001 | 34.558 | 27.203 | 1.321 |
| 750 | 5.583 | 34.553 | 27.252 | 1.367 |
| 800 | 5.184 | 34.549 | 27.296 | 1.412 |
| 900 | 4.679 | 34.554 | 27.358 | 1.496 |
| 998 | 4.395 | 34.560 | 27.394 | 1.574 |

CAST EP4-93-DI -024 DATE 14 OCT 93 TIME 0847 GMT

LAT 02 00.4N LONG 139 58.7W

CAST EP4-93-DI -024 DATE 14 OCT 93 TIME 0847 GMT
LAT 02 00.4N LONG 139 58.7W WEATHER 1 SEA STATE 4
BAROMETER 22 WIND DIR 120 T SPD 14 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 26.2 WET 23.9 DEPTH 4376 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.306 | 34.832 | 22.496 | 0.000 |
| 10 | 27.303 | 34.834 | 22.497 | 0.053 |
| 20 | 27.298 | 34.836 | 22.501 | 0.107 |
| 30 | 27.301 | 34.835 | 22.499 | 0.160 |
| 40 | 27.302 | 34.837 | 22.500 | 0.214 |
| 50 | 27.305 | 34.837 | 22.500 | 0.267 |
| 60 | 27.302 | 34.837 | 22.500 | 0.321 |
| 70 | 27.246 | 34.836 | 22.518 | 0.374 |
| 80 | 26.276 | 34.887 | 22.864 | 0.427 |
| 90 | 24.510 | 34.880 | 23.400 | 0.475 |
| 100 | 20.850 | 34.863 | 24.432 | 0.515 |
| 110 | 16.502 | 34.860 | 25.525 | 0.545 |
| 120 | 14.526 | 34.902 | 26.000 | 0.567 |
| 130 | 13.792 | 34.981 | 26.217 | 0.586 |
| 140 | 13.492 | 34.951 | 26.256 | 0.604 |
| 150 | 13.309 | 34.950 | 26.292 | 0.622 |
| 160 | 13.125 | 34.923 | 26.309 | 0.640 |
| 170 | 12.964 | 34.914 | 26.334 | 0.657 |
| 180 | 12.816 | 34.894 | 26.348 | 0.674 |
| 190 | 12.682 | 34.891 | 26.372 | 0.691 |
| 200 | 12.578 | 34.882 | 26.386 | 0.708 |
| 250 | 11.973 | 34.840 | 26.471 | 0.790 |
| 300 | 11.011 | 34.780 | 26.602 | 0.869 |
| 350 | 10.525 | 34.741 | 26.659 | 0.942 |
| 400 | 9.768 | 34.699 | 26.757 | 1.013 |
| 450 | 8.939 | 34.661 | 26.863 | 1.079 |
| 500 | 7.820 | 34.615 | 26.998 | 1.140 |
| 550 | 7.073 | 34.595 | 27.089 | 1.195 |
| 600 | 6.581 | 34.564 | 27.132 | 1.246 |
| 650 | 6.047 | 34.559 | 27.198 | 1.295 |
| 700 | 5.683 | 34.552 | 27.239 | 1.342 |
| 750 | 5.320 | 34.549 | 27.280 | 1.387 |
| 800 | 5.025 | 34.550 | 27.316 | 1.430 |
| 900 | 4.601 | 34.554 | 27.367 | 1.513 |
| 998 | 4.300 | 34.562 | 27.406 | 1.589 |

CAST EP4-93-DI -025 DATE 15 OCT 93 TIME 0900 GMT

LAT 02 59.5N LONG 140 00.5W

CAST EP4-93-DI -025 DATE 15 OCT 93 TIME 0900 GMT
LAT 02 59.5N LONG 140 00.5W WEATHER 1 SEA STATE 3
BAROMETER 13 WIND DIR 130 T SPD 13 KT VISIBILITY 7
CLOUD 0 AMOUNT 1 DRY 26.2 WET 23.0 DEPTH 4298 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.547 | 34.800 | 22.394 | 0.000 |
| 10 | 27.542 | 34.801 | 22.396 | 0.054 |
| 20 | 27.544 | 34.800 | 22.394 | 0.109 |
| 30 | 27.551 | 34.800 | 22.392 | 0.163 |
| 40 | 27.553 | 34.801 | 22.392 | 0.218 |
| 50 | 27.551 | 34.801 | 22.393 | 0.272 |
| 60 | 27.542 | 34.801 | 22.396 | 0.327 |
| 70 | 27.491 | 34.801 | 22.413 | 0.382 |
| 80 | 26.501 | 34.910 | 22.811 | 0.434 |
| 90 | 25.314 | 35.005 | 23.251 | 0.483 |
| 100 | 24.691 | 34.981 | 23.423 | 0.529 |
| 110 | 22.125 | 34.767 | 24.007 | 0.571 |
| 120 | 18.071 | 34.909 | 25.186 | 0.605 |
| 130 | 15.561 | 34.816 | 25.707 | 0.630 |
| 140 | 13.836 | 34.682 | 25.977 | 0.652 |
| 150 | 12.735 | 34.682 | 26.200 | 0.672 |
| 160 | 11.643 | 34.673 | 26.403 | 0.689 |
| 170 | 11.492 | 34.687 | 26.442 | 0.705 |
| 180 | 11.441 | 34.689 | 26.453 | 0.721 |
| 190 | 11.415 | 34.695 | 26.463 | 0.738 |
| 200 | 11.394 | 34.693 | 26.465 | 0.754 |
| 250 | 11.257 | 34.761 | 26.543 | 0.833 |
| 300 | 10.845 | 34.764 | 26.620 | 0.908 |
| 350 | 10.154 | 34.711 | 26.700 | 0.981 |
| 400 | 9.359 | 34.669 | 26.801 | 1.049 |
| 450 | 8.799 | 34.654 | 26.880 | 1.113 |
| 500 | 8.323 | 34.630 | 26.935 | 1.174 |
| 550 | 7.713 | 34.613 | 27.013 | 1.233 |
| 600 | 6.738 | 34.581 | 27.125 | 1.287 |
| 650 | 6.252 | 34.560 | 27.173 | 1.337 |
| 700 | 5.786 | 34.557 | 27.229 | 1.385 |
| 750 | 5.372 | 34.550 | 27.275 | 1.431 |
| 800 | 5.056 | 34.553 | 27.314 | 1.474 |
| 900 | 4.622 | 34.557 | 27.367 | 1.557 |
| 997 | 4.171 | 34.570 | 27.426 | 1.632 |

CAST EP4-93-DI -026 DATE 15 OCT 93 TIME 1407 GMT

LAT 04 00.5N LONG 139 59.9W

CAST EP4-93-DI -026 DATE 15 OCT 93 TIME 1407 GMT
LAT 04 00.5N LONG 139 59.9W WEATHER 1 SEA STATE 3
BAROMETER 10 WIND DIR 130 T SPD 11 KT VISIBILITY 7
CLOUD 6 AMOUNT 2 DRY 26.1 WET 22.9 DEPTH 4351 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.525 | 34.790 | 22.393 | 0.000 |
| 10 | 27.526 | 34.792 | 22.395 | 0.054 |
| 20 | 27.529 | 34.808 | 22.406 | 0.109 |
| 30 | 27.527 | 34.809 | 22.407 | 0.163 |
| 40 | 27.522 | 34.810 | 22.410 | 0.217 |
| 50 | 27.508 | 34.812 | 22.415 | 0.272 |
| 60 | 27.494 | 34.812 | 22.419 | 0.326 |
| 70 | 27.466 | 34.812 | 22.429 | 0.381 |
| 80 | 27.445 | 34.812 | 22.436 | 0.435 |
| 90 | 27.238 | 34.795 | 22.445 | 0.489 |
| 100 | 24.872 | 34.992 | 23.376 | 0.540 |
| 110 | 22.979 | 34.801 | 23.791 | 0.583 |
| 120 | 20.415 | 34.782 | 24.487 | 0.621 |
| 130 | 17.810 | 34.743 | 25.123 | 0.653 |
| 140 | 15.885 | 34.732 | 25.568 | 0.680 |
| 150 | 14.306 | 34.701 | 25.892 | 0.702 |
| 160 | 12.775 | 34.643 | 26.162 | 0.723 |
| 170 | 11.984 | 34.630 | 26.305 | 0.741 |
| 180 | 11.688 | 34.614 | 26.349 | 0.758 |
| 190 | 11.101 | 34.621 | 26.463 | 0.775 |
| 200 | 10.772 | 34.639 | 26.536 | 0.790 |
| 250 | 10.023 | 34.669 | 26.690 | 0.863 |
| 300 | 9.660 | 34.682 | 26.761 | 0.931 |
| 350 | 9.423 | 34.670 | 26.792 | 0.998 |
| 400 | 8.867 | 34.652 | 26.867 | 1.062 |
| 450 | 8.390 | 34.637 | 26.930 | 1.124 |
| 500 | 8.023 | 34.622 | 26.974 | 1.183 |
| 550 | 7.208 | 34.590 | 27.067 | 1.239 |
| 600 | 6.773 | 34.574 | 27.115 | 1.291 |
| 650 | 6.285 | 34.561 | 27.170 | 1.342 |
| 700 | 5.921 | 34.555 | 27.211 | 1.390 |
| 750 | 5.637 | 34.554 | 27.245 | 1.437 |
| 800 | 5.303 | 34.548 | 27.281 | 1.482 |
| 900 | 4.788 | 34.556 | 27.348 | 1.567 |
| 997 | 4.374 | 34.566 | 27.402 | 1.644 |

CAST EP4-93-DI -027 DATE 16 OCT 93 TIME 0353 GMT

LAT 05 01.5N LONG 140 00.6W

CAST EP4-93-DI -027 DATE 16 OCT 93 TIME 0353 GMT
LAT 05 01.5N LONG 140 00.6W WEATHER 1 SEA STATE 2
BAROMETER 12 WIND DIR 130 T SPD 10 KT VISIBILITY 8
CLOUD 8 AMOUNT 2 DRY 27.2 WET 23.8 DEPTH 4426 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.299 | 34.731 | 22.097 | 0.000 |
| 10 | 28.284 | 34.731 | 22.102 | 0.057 |
| 20 | 28.243 | 34.731 | 22.115 | 0.114 |
| 30 | 28.231 | 34.730 | 22.118 | 0.171 |
| 40 | 28.225 | 34.730 | 22.120 | 0.229 |
| 50 | 28.221 | 34.730 | 22.121 | 0.286 |
| 60 | 28.216 | 34.730 | 22.123 | 0.343 |
| 70 | 28.208 | 34.730 | 22.126 | 0.400 |
| 80 | 27.921 | 34.754 | 22.237 | 0.457 |
| 90 | 26.613 | 34.816 | 22.704 | 0.511 |
| 100 | 25.162 | 34.854 | 23.184 | 0.561 |
| 110 | 24.241 | 34.827 | 23.441 | 0.607 |
| 120 | 23.004 | 34.814 | 23.793 | 0.650 |
| 130 | 21.639 | 34.836 | 24.195 | 0.690 |
| 140 | 19.844 | 34.846 | 24.687 | 0.725 |
| 150 | 18.144 | 34.819 | 25.099 | 0.756 |
| 160 | 15.762 | 34.761 | 25.618 | 0.783 |
| 170 | 13.969 | 34.753 | 26.003 | 0.805 |
| 180 | 13.262 | 34.727 | 26.130 | 0.825 |
| 190 | 12.476 | 34.742 | 26.297 | 0.843 |
| 200 | 11.647 | 34.702 | 26.425 | 0.860 |
| 250 | 10.307 | 34.707 | 26.671 | 0.936 |
| 300 | 9.798 | 34.693 | 26.747 | 1.005 |
| 350 | 9.386 | 34.676 | 26.802 | 1.072 |
| 400 | 9.124 | 34.661 | 26.833 | 1.137 |
| 450 | 8.716 | 34.651 | 26.890 | 1.200 |
| 500 | 8.288 | 34.630 | 26.940 | 1.261 |
| 550 | 7.694 | 34.615 | 27.017 | 1.320 |
| 600 | 7.116 | 34.587 | 27.078 | 1.375 |
| 650 | 6.581 | 34.576 | 27.142 | 1.427 |
| 700 | 6.227 | 34.563 | 27.178 | 1.477 |
| 750 | 5.840 | 34.555 | 27.221 | 1.525 |
| 800 | 5.476 | 34.560 | 27.270 | 1.571 |
| 900 | 4.891 | 34.556 | 27.336 | 1.658 |
| 998 | 4.437 | 34.569 | 27.397 | 1.737 |

CAST EP4-93-DI -028 DATE 17 OCT 93 TIME 0308 GMT

LAT 08 59.2N LONG 140 16.8W

CAST EP4-93-DI -028 DATE 17 OCT 93 TIME 0308 GMT
LAT 08 59.2N LONG 140 16.8W WEATHER 1 SEA STATE 2
BAROMETER 91 WIND DIR 200 T SPD 05 KT VISIBILITY 7
CLOUD 5 AMOUNT 6 DRY 26.5 WET 24.2 DEPTH 4836 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.785 | 33.787 | 21.228 | 0.000 |
| 10 | 28.770 | 33.876 | 21.299 | 0.065 |
| 20 | 28.800 | 34.018 | 21.396 | 0.130 |
| 30 | 28.819 | 34.138 | 21.479 | 0.193 |
| 40 | 28.579 | 34.251 | 21.644 | 0.257 |
| 50 | 27.236 | 34.603 | 22.345 | 0.315 |
| 60 | 25.771 | 34.595 | 22.801 | 0.368 |
| 70 | 21.635 | 34.603 | 24.019 | 0.413 |
| 80 | 17.482 | 34.661 | 25.140 | 0.447 |
| 90 | 15.584 | 34.587 | 25.525 | 0.473 |
| 100 | 14.010 | 34.671 | 25.931 | 0.496 |
| 110 | 12.933 | 34.769 | 26.228 | 0.515 |
| 120 | 12.619 | 34.776 | 26.296 | 0.533 |
| 130 | 12.304 | 34.794 | 26.371 | 0.550 |
| 140 | 12.073 | 34.789 | 26.412 | 0.566 |
| 150 | 11.839 | 34.778 | 26.448 | 0.583 |
| 160 | 11.651 | 34.768 | 26.476 | 0.599 |
| 170 | 11.461 | 34.751 | 26.497 | 0.614 |
| 180 | 11.293 | 34.752 | 26.529 | 0.630 |
| 190 | 11.134 | 34.745 | 26.553 | 0.645 |
| 200 | 10.975 | 34.741 | 26.579 | 0.660 |
| 250 | 10.265 | 34.710 | 26.680 | 0.733 |
| 300 | 9.874 | 34.691 | 26.733 | 0.803 |
| 350 | 9.498 | 34.670 | 26.779 | 0.870 |
| 400 | 9.129 | 34.645 | 26.820 | 0.936 |
| 450 | 8.559 | 34.616 | 26.888 | 1.000 |
| 500 | 7.939 | 34.594 | 26.965 | 1.061 |
| 550 | 7.345 | 34.565 | 27.028 | 1.118 |
| 600 | 6.854 | 34.555 | 27.088 | 1.172 |
| 650 | 6.394 | 34.551 | 27.147 | 1.224 |
| 700 | 5.896 | 34.546 | 27.207 | 1.273 |
| 750 | 5.615 | 34.544 | 27.240 | 1.320 |
| 800 | 5.350 | 34.547 | 27.275 | 1.365 |
| 900 | 4.817 | 34.554 | 27.343 | 1.451 |
| 996 | 4.411 | 34.567 | 27.398 | 1.529 |

CAST EP4-93-DI -002 LAT 08 00.1N LONG 124 59.6W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 7. | 27.965 | 33.688 | 0.00 | 27.963 | 21.422 |
| 13. | 27.970 | 33.690 | 0.00 | 27.967 | 21.423 |
| 101. | 15.193 | 34.632 | 0.00 | 15.178 | 25.650 |
| 151. | 12.514 | 34.783 | 0.00 | 12.494 | 26.326 |
| 300. | 10.476 | 34.723 | 0.00 | 10.440 | 26.660 |
| 497. | 8.377 | 34.605 | 0.00 | 8.325 | 26.915 |
| 698. | 6.407 | 34.556 | 0.00 | 6.343 | 27.157 |
| 797. | 5.626 | 34.549 | 0.00 | 5.557 | 27.252 |
| 896. | 5.094 | 34.553 | 0.00 | 5.019 | 27.319 |
| 1000. | 4.693 | 34.559 | 0.00 | 4.612 | 27.370 |
| 1000. | 4.694 | 34.518 | 0.00 | 4.613 | 27.337 |

CAST EP4-93-DI -003 LAT 05 04.3N LONG 124 58.7W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 5. | 26.683 | 34.578 | 0.00 | 26.682 | 22.503 |
| 13. | 26.695 | 34.579 | 0.00 | 26.692 | 22.501 |
| 87. | 24.861 | 34.656 | 0.00 | 24.842 | 23.131 |
| 149. | 17.918 | 34.697 | 0.00 | 17.893 | 25.068 |
| 298. | 10.291 | 34.703 | 0.00 | 10.256 | 26.677 |
| 498. | 8.256 | 34.624 | 0.00 | 8.204 | 26.948 |
| 596. | 7.092 | 34.585 | 0.00 | 7.035 | 27.088 |
| 698. | 6.241 | 34.562 | 0.00 | 6.178 | 27.184 |
| 798. | 5.532 | 34.552 | 0.00 | 5.463 | 27.265 |
| 895. | 5.080 | 34.556 | 0.00 | 5.005 | 27.323 |
| 1001. | 4.567 | 34.564 | 0.00 | 4.487 | 27.388 |
| 1001. | 4.567 | 34.563 | 0.00 | 4.487 | 27.387 |

CAST EP4-93-DI -004 LAT 04 00.0N LONG 125 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 6. | 26.071 | 34.322 | 0.00 | 26.070 | 22.502 |
| 11. | 26.070 | 34.322 | 0.00 | 26.068 | 22.503 |
| 86. | 25.070 | 34.608 | 0.00 | 25.051 | 23.031 |
| 151. | 16.270 | 34.813 | 0.00 | 16.246 | 25.548 |
| 300. | 10.582 | 34.693 | 0.00 | 10.546 | 26.618 |
| 499. | 8.432 | 34.633 | 0.00 | 8.379 | 26.928 |
| 598. | 7.144 | 34.585 | 0.00 | 7.086 | 27.080 |
| 698. | 6.207 | 34.558 | 0.00 | 6.144 | 27.185 |
| 799. | 5.613 | 34.550 | 0.00 | 5.544 | 27.254 |
| 897. | 5.025 | 34.556 | 0.00 | 4.951 | 27.329 |
| 998. | 4.582 | 34.560 | 0.00 | 4.502 | 27.383 |
| 998. | 4.582 | 34.561 | 0.00 | 4.502 | 27.383 |

CAST EP4-93-DI -005 LAT 02 59.5N LONG 125 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 7. | 26.904 | 34.513 | 0.00 | 26.902 | 22.384 |
| 13. | 26.817 | 34.511 | 0.00 | 26.814 | 22.411 |
| 86. | 23.808 | 34.758 | 0.00 | 23.790 | 23.522 |
| 150. | 14.228 | 34.945 | 0.00 | 14.206 | 26.102 |
| 300. | 11.500 | 34.793 | 0.00 | 11.462 | 26.530 |
| 499. | 8.444 | 34.637 | 0.00 | 8.391 | 26.929 |
| 600. | 6.681 | 34.570 | 0.00 | 6.625 | 27.131 |
| 698. | 5.942 | 34.554 | 0.00 | 5.880 | 27.215 |
| 797. | 5.423 | 34.551 | 0.00 | 5.355 | 27.278 |
| 896. | 4.807 | 34.553 | 0.00 | 4.734 | 27.351 |
| 991. | 4.450 | 34.560 | 0.00 | 4.372 | 27.397 |
| 996. | 4.437 | 34.561 | 0.00 | 4.358 | 27.399 |

CAST EP4-93-DI -006 LAT 01 53.8N LONG 125 01.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 7. | 27.081 | 34.567 | 0.00 | 27.079 | 22.368 |
| 12. | 27.091 | 34.566 | 0.00 | 27.088 | 22.365 |
| 116. | 15.305 | 34.920 | 0.00 | 15.287 | 25.847 |
| 151. | 14.028 | 34.943 | 0.00 | 14.006 | 26.142 |
| 302. | 11.901 | 34.823 | 0.00 | 11.862 | 26.479 |
| 498. | 8.086 | 34.627 | 0.00 | 8.035 | 26.976 |
| 599. | 6.548 | 34.565 | 0.00 | 6.493 | 27.145 |
| 698. | 6.022 | 34.555 | 0.00 | 5.960 | 27.206 |
| 800. | 5.488 | 34.551 | 0.00 | 5.420 | 27.270 |
| 897. | 4.887 | 34.554 | 0.00 | 4.814 | 27.343 |
| 998. | 4.429 | 34.562 | 0.00 | 4.350 | 27.401 |
| 998. | 4.433 | 34.563 | 0.00 | 4.354 | 27.401 |

CAST EP4-93-DI -010 LAT 02 00.0S LONG 124 53.5W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 10. | 25.434 | 35.087 | 0.00 | 25.432 | 23.277 |
| 10. | 25.437 | 35.087 | 0.00 | 25.434 | 23.276 |
| 127. | 14.737 | 35.084 | 0.00 | 14.718 | 26.099 |
| 149. | 14.061 | 35.049 | 0.00 | 14.039 | 26.217 |
| 297. | 11.902 | 34.856 | 0.00 | 11.863 | 26.504 |
| 496. | 7.725 | 34.615 | 0.00 | 7.675 | 27.020 |
| 596. | 6.536 | 34.568 | 0.00 | 6.481 | 27.149 |
| 698. | 5.836 | 34.551 | 0.00 | 5.775 | 27.226 |
| 796. | 5.285 | 34.545 | 0.00 | 5.218 | 27.289 |
| 897. | 4.880 | 34.549 | 0.00 | 4.807 | 27.340 |
| 998. | 4.540 | 34.554 | 0.00 | 4.460 | 27.383 |

CAST EP4-93-DI -011 LAT 03 00.0S LONG 125 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 26.176 | 35.264 | 0.00 | 26.175 | 23.180 |
| 9. | 26.179 | 35.264 | 0.00 | 26.177 | 23.179 |
| 84. | 26.179 | 35.273 | 0.00 | 26.160 | 23.191 |
| 150. | 13.924 | 34.983 | 0.00 | 13.902 | 26.195 |
| 297. | 12.123 | 34.868 | 0.00 | 12.084 | 26.471 |
| 496. | 7.899 | 34.628 | 0.00 | 7.849 | 27.004 |
| 597. | 6.682 | 34.580 | 0.00 | 6.626 | 27.139 |
| 697. | 6.161 | 34.563 | 0.00 | 6.098 | 27.195 |
| 795. | 5.469 | 34.544 | 0.00 | 5.401 | 27.267 |
| 898. | 4.941 | 34.550 | 0.00 | 4.867 | 27.334 |
| 999. | 4.392 | 34.556 | 0.00 | 4.314 | 27.400 |

CAST EP4-93-DI -012 LAT 03 59.6S LONG 124 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 5. | 26.236 | 35.265 | 0.00 | 26.235 | 23.162 |
| 11. | 26.240 | 35.266 | 0.00 | 26.238 | 23.161 |
| 83. | 25.643 | 35.161 | 0.00 | 25.625 | 23.273 |
| 147. | 14.220 | 35.047 | 0.00 | 14.198 | 26.183 |
| 593. | 6.760 | 34.577 | 0.00 | 6.704 | 27.126 |
| 699. | 5.850 | 34.550 | 0.00 | 5.789 | 27.224 |
| 795. | 5.207 | 34.537 | 0.00 | 5.141 | 27.292 |
| 897. | 4.685 | 34.539 | 0.00 | 4.613 | 27.353 |
| 1008. | 4.191 | 34.550 | 0.00 | 4.113 | 27.417 |

CAST EP4-93-DI -013 LAT 05 01.3S LONG 124 56.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 26.298 | 35.272 | 0.00 | 26.297 | 23.147 |
| 10. | 26.244 | 35.271 | 0.00 | 26.241 | 23.164 |
| 106. | 23.296 | 36.032 | 0.00 | 23.274 | 24.639 |
| 148. | 15.924 | 35.189 | 0.00 | 15.901 | 25.916 |
| 296. | 11.028 | 34.812 | 0.00 | 10.992 | 26.631 |
| 496. | 8.003 | 34.632 | 0.00 | 7.953 | 26.992 |
| 597. | 6.871 | 34.589 | 0.00 | 6.814 | 27.120 |
| 697. | 6.092 | 34.559 | 0.00 | 6.030 | 27.201 |
| 796. | 5.410 | 34.544 | 0.00 | 5.343 | 27.274 |
| 890. | 4.844 | 34.544 | 0.00 | 4.772 | 27.340 |
| 996. | 4.374 | 34.554 | 0.00 | 4.296 | 27.400 |

CAST EP4-93-DI -014 LAT 06 00.1S LONG 125 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 26.818 | 35.464 | 0.00 | 26.817 | 23.128 |
| 9. | 26.826 | 35.466 | 0.00 | 26.824 | 23.127 |
| 118. | 20.089 | 35.746 | 0.00 | 20.067 | 25.314 |
| 147. | 16.370 | 35.245 | 0.00 | 16.346 | 25.857 |
| 297. | 11.004 | 34.810 | 0.00 | 10.968 | 26.634 |
| 496. | 8.020 | 34.631 | 0.00 | 7.969 | 26.989 |
| 595. | 7.001 | 34.599 | 0.00 | 6.944 | 27.111 |
| 697. | 6.172 | 34.559 | 0.00 | 6.109 | 27.190 |
| 797. | 5.443 | 34.546 | 0.00 | 5.375 | 27.271 |
| 897. | 4.875 | 34.549 | 0.00 | 4.801 | 27.341 |
| 997. | 4.438 | 34.552 | 0.00 | 4.359 | 27.392 |

CAST EP4-93-DI -015 LAT 07 00.1S LONG 125 00.0W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 6. | 26.608 | 35.369 | 0.00 | 26.607 | 23.123 |
| 9. | 26.614 | 35.369 | 0.00 | 26.611 | 23.122 |
| 120. | 21.855 | 35.987 | 0.00 | 21.831 | 25.017 |
| 149. | 18.570 | 35.512 | 0.00 | 18.544 | 25.530 |
| 297. | 11.277 | 34.829 | 0.00 | 11.239 | 26.599 |
| 497. | 8.464 | 34.654 | 0.00 | 8.411 | 26.940 |
| 598. | 7.102 | 34.590 | 0.00 | 7.044 | 27.090 |
| 697. | 6.169 | 34.552 | 0.00 | 6.106 | 27.185 |
| 798. | 5.460 | 34.538 | 0.00 | 5.391 | 27.263 |
| 897. | 4.909 | 34.540 | 0.00 | 4.835 | 27.329 |
| 997. | 4.390 | 34.544 | 0.00 | 4.312 | 27.391 |

CAST EP4-93-DI -016 LAT 07 57.6S LONG 125 01.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 26.676 | 35.474 | 0.00 | 26.675 | 23.180 |
| 9. | 26.675 | 35.494 | 0.00 | 26.673 | 23.196 |
| 83. | 26.421 | 35.647 | 0.00 | 26.402 | 23.397 |
| 297. | 10.655 | 34.653 | 0.00 | 10.619 | 26.573 |
| 495. | 8.517 | 34.599 | 0.00 | 8.464 | 26.889 |
| 596. | 7.490 | 34.600 | 0.00 | 7.431 | 27.043 |
| 690. | 6.427 | 34.539 | 0.00 | 6.364 | 27.142 |
| 795. | 5.634 | 34.535 | 0.00 | 5.565 | 27.239 |
| 896. | 5.048 | 34.540 | 0.00 | 4.974 | 27.314 |
| 996. | 4.543 | 34.541 | 0.00 | 4.463 | 27.372 |

CAST EP4-93-DI -017 LAT 05 00.3S LONG 139 54.3W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 5. | 27.438 | 35.431 | 0.00 | 27.437 | 22.904 |
| 11. | 27.402 | 35.431 | 0.00 | 27.400 | 22.916 |
| 129. | 21.220 | 35.789 | 0.00 | 21.195 | 25.043 |
| 148. | 19.693 | 35.668 | 0.00 | 19.666 | 25.360 |
| 297. | 10.641 | 34.787 | 0.00 | 10.605 | 26.681 |
| 496. | 8.017 | 34.628 | 0.00 | 7.966 | 26.987 |
| 596. | 6.830 | 34.579 | 0.00 | 6.773 | 27.118 |
| 696. | 6.049 | 34.550 | 0.00 | 5.986 | 27.199 |
| 797. | 5.295 | 34.538 | 0.00 | 5.228 | 27.282 |
| 896. | 4.767 | 34.542 | 0.00 | 4.695 | 27.347 |
| 995. | 4.275 | 34.550 | 0.00 | 4.198 | 27.408 |

CAST EP4-93-DI -018 LAT 03 59.8S LONG 140 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 27.176 | 35.388 | 0.00 | 27.175 | 22.956 |
| 10. | 27.179 | 35.389 | 0.00 | 27.177 | 22.956 |
| 84. | 27.090 | 35.383 | 0.00 | 27.071 | 22.985 |
| 150. | 17.278 | 35.372 | 0.00 | 17.253 | 25.741 |
| 296. | 10.336 | 34.766 | 0.00 | 10.301 | 26.718 |
| 495. | 7.498 | 34.606 | 0.00 | 7.449 | 27.045 |
| 596. | 6.689 | 34.577 | 0.00 | 6.634 | 27.136 |
| 696. | 5.939 | 34.548 | 0.00 | 5.877 | 27.211 |
| 797. | 5.411 | 34.544 | 0.00 | 5.343 | 27.274 |
| 895. | 4.826 | 34.540 | 0.00 | 4.753 | 27.339 |
| 997. | 4.417 | 34.563 | 0.00 | 4.339 | 27.403 |

CAST EP4-93-DI -019 LAT 03 00.0S LONG 140 00.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 27.073 | 35.417 | 0.00 | 27.073 | 23.011 |
| 10. | 27.069 | 35.415 | 0.00 | 27.066 | 23.011 |
| 84. | 26.701 | 35.383 | 0.00 | 26.682 | 23.110 |
| 150. | 16.848 | 35.324 | 0.00 | 16.824 | 25.806 |
| 297. | 11.595 | 34.848 | 0.00 | 11.557 | 26.555 |
| 498. | 7.642 | 34.614 | 0.00 | 7.592 | 27.031 |
| 597. | 6.576 | 34.575 | 0.00 | 6.521 | 27.149 |
| 663. | 5.990 | 34.556 | 0.00 | 5.931 | 27.211 |
| 798. | 5.125 | 34.544 | 0.00 | 5.059 | 27.307 |
| 897. | 4.774 | 34.547 | 0.00 | 4.701 | 27.351 |
| 988. | 4.464 | 34.554 | 0.00 | 4.386 | 27.391 |

CAST EP4-93-DI -020 LAT 01 58.9S LONG 140 00.6W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 27.202 | 35.347 | 0.00 | 27.201 | 22.917 |
| 9. | 27.196 | 35.345 | 0.00 | 27.194 | 22.918 |
| 128. | 20.538 | 35.691 | 0.00 | 20.514 | 25.153 |
| 148. | 18.419 | 35.513 | 0.00 | 18.393 | 25.568 |
| 296. | 11.887 | 34.854 | 0.00 | 11.849 | 26.505 |
| 496. | 7.598 | 34.612 | 0.00 | 7.548 | 27.036 |
| 598. | 6.577 | 34.570 | 0.00 | 6.522 | 27.145 |
| 698. | 5.879 | 34.553 | 0.00 | 5.817 | 27.223 |
| 790. | 5.377 | 34.549 | 0.00 | 5.310 | 27.281 |
| 897. | 4.792 | 34.546 | 0.00 | 4.719 | 27.347 |
| 982. | 4.440 | 34.557 | 0.00 | 4.363 | 27.396 |

CAST EP4-93-DI -022 LAT 00 02.1N LONG 139 59.7W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 5. | 26.273 | 34.993 | 0.00 | 26.272 | 22.945 |
| 9. | 26.215 | 34.991 | 0.00 | 26.213 | 22.962 |
| 94. | 19.720 | 34.954 | 0.00 | 19.703 | 24.806 |
| 148. | 13.889 | 34.709 | 0.00 | 13.868 | 25.990 |
| 289. | 11.854 | 34.836 | 0.00 | 11.817 | 26.497 |
| 494. | 7.980 | 34.614 | 0.00 | 7.929 | 26.982 |
| 596. | 6.633 | 34.568 | 0.00 | 6.578 | 27.136 |
| 698. | 5.647 | 34.549 | 0.00 | 5.586 | 27.248 |
| 798. | 5.054 | 34.547 | 0.00 | 4.988 | 27.317 |
| 899. | 4.846 | 34.549 | 0.00 | 4.773 | 27.344 |
| 997. | 4.470 | 34.555 | 0.00 | 4.391 | 27.391 |

CAST EP4-93-DI -023 LAT 00 59.9N LONG 140 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 5. | 26.392 | 34.822 | 0.00 | 26.391 | 22.779 |
| 11. | 26.397 | 34.824 | 0.00 | 26.395 | 22.779 |
| 84. | 23.728 | 34.794 | 0.00 | 23.710 | 23.573 |
| 150. | 13.976 | 34.866 | 0.00 | 13.955 | 26.094 |
| 298. | 11.161 | 34.779 | 0.00 | 11.124 | 26.581 |
| 498. | 7.984 | 34.617 | 0.00 | 7.933 | 26.984 |
| 597. | 7.091 | 34.577 | 0.00 | 7.033 | 27.081 |
| 698. | 6.013 | 34.552 | 0.00 | 5.951 | 27.205 |
| 797. | 5.220 | 34.546 | 0.00 | 5.153 | 27.298 |
| 898. | 4.747 | 34.546 | 0.00 | 4.675 | 27.352 |
| 999. | 4.472 | 34.554 | 0.00 | 4.393 | 27.389 |

CAST EP4-93-DI -024 LAT 02 00.4N LONG 139 58.7W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 6. | 27.303 | 34.828 | 0.00 | 27.302 | 22.494 |
| 11. | 27.306 | 34.829 | 0.00 | 27.304 | 22.494 |
| 85. | 25.710 | 34.894 | 0.00 | 25.691 | 23.051 |
| 150. | 13.433 | 34.915 | 0.00 | 13.412 | 26.244 |
| 299. | 11.149 | 34.773 | 0.00 | 11.111 | 26.579 |
| 499. | 7.753 | 34.610 | 0.00 | 7.703 | 27.012 |
| 597. | 6.642 | 34.569 | 0.00 | 6.586 | 27.136 |
| 697. | 5.753 | 34.549 | 0.00 | 5.692 | 27.235 |
| 798. | 5.098 | 34.547 | 0.00 | 5.032 | 27.313 |
| 898. | 4.679 | 34.551 | 0.00 | 4.607 | 27.364 |
| 999. | 4.376 | 34.561 | 0.00 | 4.297 | 27.406 |

CAST EP4-93-DI -025 LAT 02 59.5N LONG 140 00.5W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 5. | 27.555 | 34.793 | 0.00 | 27.554 | 22.387 |
| 11. | 27.561 | 34.957 | 0.00 | 27.558 | 22.508 |
| 82. | 25.866 | 34.624 | 0.00 | 25.848 | 22.799 |
| 149. | 13.506 | 34.765 | 0.00 | 13.485 | 26.113 |
| 296. | 10.974 | 34.624 | 0.00 | 10.938 | 26.495 |
| 499. | 8.324 | 34.574 | 0.00 | 8.271 | 26.899 |
| 598. | 6.672 | 34.561 | 0.00 | 6.616 | 27.126 |
| 698. | 5.843 | 34.554 | 0.00 | 5.782 | 27.228 |
| 799. | 5.107 | 34.548 | 0.00 | 5.041 | 27.313 |
| 898. | 4.701 | 34.566 | 0.00 | 4.629 | 27.373 |
| 997. | 4.245 | 34.588 | 0.00 | 4.167 | 27.441 |

CAST EP4-93-DI -026 LAT 04 00.5N LONG 139 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 3. | 27.532 | 34.799 | 0.00 | 27.531 | 22.398 |
| 11. | 27.541 | 34.823 | 0.00 | 27.538 | 22.414 |
| 85. | 27.439 | 34.651 | 0.00 | 27.420 | 22.322 |
| 149. | 14.632 | 34.630 | 0.00 | 14.610 | 25.772 |
| 300. | 9.706 | 34.617 | 0.00 | 9.672 | 26.709 |
| 496. | 8.087 | 34.571 | 0.00 | 8.036 | 26.932 |
| 596. | 6.838 | 34.557 | 0.00 | 6.782 | 27.100 |
| 697. | 6.007 | 34.548 | 0.00 | 5.945 | 27.203 |
| 793. | 5.432 | 34.554 | 0.00 | 5.365 | 27.279 |
| 897. | 4.864 | 34.561 | 0.00 | 4.791 | 27.351 |
| 994. | 4.462 | 34.562 | 0.00 | 4.383 | 27.397 |

CAST EP4-93-DI -027 LAT 05 01.5N LONG 140 00.6W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 4. | 28.333 | 34.718 | 0.00 | 28.332 | 22.076 |
| 11. | 28.280 | 34.785 | 0.00 | 28.278 | 22.144 |
| 125. | 22.167 | 34.728 | 0.00 | 22.142 | 23.973 |
| 150. | 17.250 | 34.684 | 0.00 | 17.225 | 25.219 |
| 298. | 9.798 | 34.629 | 0.00 | 9.764 | 26.702 |
| 496. | 8.437 | 34.586 | 0.00 | 8.385 | 26.891 |
| 597. | 7.298 | 34.561 | 0.00 | 7.240 | 27.040 |
| 698. | 6.366 | 34.552 | 0.00 | 6.302 | 27.160 |
| 800. | 5.570 | 34.554 | 0.00 | 5.501 | 27.262 |
| 897. | 5.021 | 34.562 | 0.00 | 4.946 | 27.334 |

CAST EP4-93-DI -028 LAT 08 59.2N LONG 140 16.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 9. | 28.762 | 33.806 | 0.00 | 28.759 | 21.250 |
| 106. | 13.003 | 34.646 | 0.00 | 12.988 | 26.121 |
| 149. | 11.937 | 34.754 | 0.00 | 11.918 | 26.414 |
| 296. | 10.025 | 34.688 | 0.00 | 9.990 | 26.710 |
| 496. | 8.056 | 34.586 | 0.00 | 8.005 | 26.948 |
| 596. | 6.922 | 34.540 | 0.00 | 6.865 | 27.075 |
| 696. | 5.957 | 34.540 | 0.00 | 5.896 | 27.203 |
| 797. | 5.376 | 34.543 | 0.00 | 5.309 | 27.277 |
| 896. | 4.881 | 34.548 | 0.00 | 4.808 | 27.339 |
| 996. | 4.478 | 34.558 | 0.00 | 4.399 | 27.392 |

# EP5-93-DI
# October 25-November 15, 1993
# CTD and Hydrographic Data Summary

CAST EP5-93-DI -001 DATE 28 OCT 93 TIME 1250 GMT

LAT 07 55.6N LONG 154 59.8W

CAST EP5-93-DI -001 DATE 28 OCT 93 TIME 1250 GMT
LAT 07 55.6N LONG 154 59.8W WEATHER 8 SEA STATE 2
BAROMETER 10 WIND DIR 060 T SPD 08 KT VISIBILITY 6
CLOUD 6 AMOUNT 8 DRY 26.5 WET 24.6 DEPTH 5194 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.258 | 33.945 | 21.188 | 0.000 |
| 10 | 29.255 | 33.944 | 21.189 | 0.066 |
| 20 | 29.195 | 33.950 | 21.213 | 0.132 |
| 30 | 29.159 | 33.953 | 21.228 | 0.198 |
| 40 | 29.150 | 33.956 | 21.233 | 0.263 |
| 50 | 29.108 | 33.958 | 21.248 | 0.329 |
| 60 | 29.057 | 34.296 | 21.519 | 0.394 |
| 70 | 27.952 | 34.476 | 22.018 | 0.455 |
| 80 | 24.868 | 34.496 | 23.002 | 0.508 |
| 90 | 21.912 | 34.536 | 23.891 | 0.554 |
| 100 | 18.752 | 34.561 | 24.750 | 0.592 |
| 110 | 16.111 | 34.553 | 25.379 | 0.621 |
| 120 | 15.136 | 34.569 | 25.611 | 0.646 |
| 130 | 13.734 | 34.569 | 25.910 | 0.668 |
| 140 | 12.678 | 34.579 | 26.131 | 0.689 |
| 150 | 12.177 | 34.591 | 26.238 | 0.707 |
| 160 | 11.718 | 34.602 | 26.334 | 0.725 |
| 170 | 11.359 | 34.630 | 26.422 | 0.742 |
| 180 | 11.242 | 34.661 | 26.468 | 0.758 |
| 190 | 10.970 | 34.661 | 26.518 | 0.774 |
| 200 | 10.819 | 34.661 | 26.545 | 0.789 |
| 250 | 10.045 | 34.648 | 26.670 | 0.863 |
| 300 | 9.596 | 34.635 | 26.735 | 0.932 |
| 350 | 9.276 | 34.630 | 26.784 | 0.999 |
| 400 | 8.992 | 34.622 | 26.824 | 1.065 |
| 450 | 8.672 | 34.611 | 26.866 | 1.129 |
| 500 | 8.274 | 34.589 | 26.910 | 1.191 |
| 550 | 7.828 | 34.573 | 26.964 | 1.252 |
| 600 | 7.188 | 34.552 | 27.040 | 1.309 |
| 650 | 6.649 | 34.536 | 27.102 | 1.363 |
| 700 | 6.204 | 34.534 | 27.158 | 1.415 |
| 750 | 5.840 | 34.533 | 27.204 | 1.464 |
| 800 | 5.491 | 34.535 | 27.249 | 1.510 |
| 900 | 4.930 | 34.542 | 27.320 | 1.599 |
| 1000 | 4.501 | 34.551 | 27.375 | 1.681 |
| 1002 | 4.499 | 34.551 | 27.376 | 1.683 |

CAST EP5-93-DI -002 DATE 30 OCT 93 TIME 0605 GMT

LAT 05 00.9N LONG 154 56.8W

CAST EP5-93-DI -002 DATE 30 OCT 93 TIME 0605 GMT
LAT 05 00.9N LONG 154 56.8W WEATHER 1 SEA STATE 2
BAROMETER 12 WIND DIR 000 T SPD 00 KT VISIBILITY 7
CLOUD 9 AMOUNT 5 DRY 27.9 WET 24.6 DEPTH 4583 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.290 | 33.982 | 21.206 | 0.000 |
| 10 | 29.289 | 33.990 | 21.212 | 0.066 |
| 20 | 29.300 | 34.039 | 21.245 | 0.131 |
| 30 | 29.278 | 34.039 | 21.253 | 0.197 |
| 40 | 29.288 | 34.066 | 21.269 | 0.262 |
| 50 | 29.288 | 34.111 | 21.302 | 0.327 |
| 60 | 29.239 | 34.279 | 21.445 | 0.392 |
| 70 | 28.938 | 34.429 | 21.658 | 0.454 |
| 80 | 28.731 | 34.688 | 21.922 | 0.515 |
| 90 | 27.905 | 34.641 | 22.158 | 0.573 |
| 100 | 25.193 | 34.630 | 23.005 | 0.627 |
| 110 | 23.670 | 34.716 | 23.525 | 0.672 |
| 120 | 21.743 | 34.747 | 24.099 | 0.715 |
| 130 | 19.536 | 34.717 | 24.668 | 0.750 |
| 140 | 18.518 | 34.691 | 24.908 | 0.782 |
| 150 | 17.232 | 34.659 | 25.198 | 0.812 |
| 160 | 15.165 | 34.613 | 25.638 | 0.838 |
| 170 | 14.371 | 34.607 | 25.805 | 0.861 |
| 180 | 13.548 | 34.596 | 25.969 | 0.882 |
| 190 | 13.275 | 34.596 | 26.025 | 0.903 |
| 200 | 12.199 | 34.599 | 26.240 | 0.922 |
| 250 | 10.613 | 34.614 | 26.545 | 1.004 |
| 300 | 9.643 | 34.631 | 26.725 | 1.076 |
| 350 | 9.183 | 34.626 | 26.796 | 1.143 |
| 400 | 8.736 | 34.612 | 26.856 | 1.208 |
| 450 | 8.359 | 34.596 | 26.903 | 1.270 |
| 500 | 8.046 | 34.589 | 26.944 | 1.331 |
| 550 | 7.582 | 34.571 | 26.999 | 1.389 |
| 600 | 6.904 | 34.552 | 27.080 | 1.444 |
| 650 | 6.350 | 34.541 | 27.145 | 1.496 |
| 700 | 6.004 | 34.537 | 27.187 | 1.546 |
| 750 | 5.646 | 34.535 | 27.230 | 1.594 |
| 800 | 5.344 | 34.536 | 27.267 | 1.639 |
| 900 | 4.750 | 34.545 | 27.343 | 1.726 |
| 1000 | 4.347 | 34.555 | 27.395 | 1.806 |
| 1001 | 4.347 | 34.555 | 27.396 | 1.807 |

CAST EP5-93-DI -003 DATE 30 OCT 93 TIME 1226 GMT

LAT 04 00.4N LONG 155 00.1W

CAST EP5-93-DI -003 DATE 30 OCT 93 TIME 1226 GMT
LAT 04 00.4N LONG 155 00.1W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 150 T SPD 12 KT VISIBILITY 8
CLOUD 8 AMOUNT 2 DRY 27.8 WET 23.8 DEPTH 4668 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.313 | 34.009 | 21.218 | 0.000 |
| 10 | 29.311 | 34.019 | 21.226 | 0.066 |
| 20 | 29.324 | 34.181 | 21.344 | 0.131 |
| 30 | 29.080 | 34.449 | 21.626 | 0.193 |
| 40 | 29.016 | 34.485 | 21.675 | 0.255 |
| 50 | 28.984 | 34.509 | 21.703 | 0.316 |
| 60 | 28.971 | 34.522 | 21.718 | 0.378 |
| 70 | 28.815 | 34.667 | 21.878 | 0.438 |
| 80 | 28.348 | 34.808 | 22.138 | 0.496 |
| 90 | 26.994 | 34.748 | 22.532 | 0.552 |
| 100 | 25.383 | 34.680 | 22.984 | 0.602 |
| 110 | 22.596 | 34.752 | 23.863 | 0.647 |
| 120 | 18.537 | 34.680 | 24.894 | 0.684 |
| 130 | 16.921 | 34.654 | 25.269 | 0.713 |
| 140 | 15.300 | 34.616 | 25.611 | 0.739 |
| 150 | 14.374 | 34.608 | 25.806 | 0.762 |
| 160 | 13.037 | 34.598 | 26.075 | 0.783 |
| 170 | 12.468 | 34.624 | 26.207 | 0.802 |
| 180 | 12.367 | 34.688 | 26.277 | 0.820 |
| 190 | 12.299 | 34.699 | 26.298 | 0.838 |
| 200 | 12.081 | 34.774 | 26.399 | 0.855 |
| 250 | 11.748 | 34.784 | 26.469 | 0.937 |
| 300 | 11.134 | 34.740 | 26.549 | 1.016 |
| 350 | 10.446 | 34.698 | 26.639 | 1.092 |
| 400 | 9.882 | 34.664 | 26.710 | 1.164 |
| 450 | 9.260 | 34.638 | 26.793 | 1.233 |
| 500 | 8.751 | 34.612 | 26.854 | 1.299 |
| 550 | 8.103 | 34.589 | 26.936 | 1.362 |
| 600 | 7.538 | 34.571 | 27.005 | 1.421 |
| 650 | 6.847 | 34.552 | 27.087 | 1.477 |
| 700 | 6.095 | 34.535 | 27.174 | 1.528 |
| 750 | 5.673 | 34.532 | 27.224 | 1.576 |
| 800 | 5.387 | 34.533 | 27.259 | 1.622 |
| 900 | 4.774 | 34.540 | 27.337 | 1.710 |
| 1000 | 4.342 | 34.550 | 27.392 | 1.790 |
| 1008 | 4.310 | 34.551 | 27.397 | 1.796 |

CAST EP5-93-DI -004 DATE 30 OCT 93 TIME 1741 GMT

LAT 02 59.9N LONG 154 59.8W

CAST EP5-93-DI -004 DATE 30 OCT 93 TIME 1741 GMT
LAT 02 59.9N LONG 154 59.8W WEATHER 1 SEA STATE 4
BAROMETER 34 WIND DIR 150 T SPD 10 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 28.4 WET 24.2 DEPTH 4722 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.731 | 34.738 | 21.959 | 0.000 |
| 10 | 28.729 | 34.739 | 21.960 | 0.059 |
| 20 | 28.731 | 34.741 | 21.961 | 0.117 |
| 30 | 28.682 | 34.766 | 21.997 | 0.176 |
| 40 | 28.443 | 34.805 | 22.105 | 0.233 |
| 50 | 28.284 | 34.823 | 22.171 | 0.290 |
| 60 | 27.701 | 34.882 | 22.405 | 0.346 |
| 70 | 27.636 | 34.895 | 22.436 | 0.400 |
| 80 | 27.280 | 34.893 | 22.550 | 0.454 |
| 90 | 27.185 | 34.923 | 22.603 | 0.507 |
| 100 | 27.192 | 34.930 | 22.606 | 0.560 |
| 110 | 26.932 | 34.972 | 22.720 | 0.612 |
| 120 | 25.332 | 34.780 | 23.075 | 0.663 |
| 130 | 20.933 | 34.730 | 24.308 | 0.706 |
| 140 | 16.850 | 34.657 | 25.288 | 0.738 |
| 150 | 14.430 | 34.644 | 25.822 | 0.763 |
| 160 | 14.157 | 34.713 | 25.933 | 0.784 |
| 170 | 13.043 | 34.751 | 26.192 | 0.804 |
| 180 | 12.830 | 34.819 | 26.287 | 0.822 |
| 190 | 12.737 | 34.835 | 26.318 | 0.839 |
| 200 | 12.649 | 34.833 | 26.334 | 0.857 |
| 250 | 12.178 | 34.817 | 26.413 | 0.942 |
| 300 | 11.781 | 34.788 | 26.467 | 1.025 |
| 350 | 11.092 | 34.742 | 26.558 | 1.105 |
| 400 | 10.180 | 34.684 | 26.675 | 1.180 |
| 450 | 9.346 | 34.640 | 26.781 | 1.250 |
| 500 | 8.518 | 34.606 | 26.886 | 1.315 |
| 550 | 8.070 | 34.597 | 26.947 | 1.376 |
| 600 | 7.603 | 34.580 | 27.003 | 1.435 |
| 650 | 7.007 | 34.561 | 27.072 | 1.491 |
| 700 | 6.443 | 34.545 | 27.136 | 1.544 |
| 750 | 5.889 | 34.535 | 27.199 | 1.594 |
| 800 | 5.459 | 34.532 | 27.250 | 1.641 |
| 900 | 4.798 | 34.540 | 27.333 | 1.728 |
| 1000 | 4.342 | 34.550 | 27.392 | 1.809 |
| 1003 | 4.333 | 34.551 | 27.394 | 1.811 |

CAST EP5-93-DI -005 DATE 31 OCT 93 TIME 0055 GMT

LAT 02 00.3N LONG 155 02.9W

CAST EP5-93-DI -005 DATE 31 OCT 93 TIME 0055 GMT
LAT 02 00.3N LONG 155 02.9W WEATHER 1 SEA STATE 3
BAROMETER 03 WIND DIR 140 T SPD 08 KT VISIBILITY 7
CLOUD 8 AMOUNT 5 DRY 29.3 WET 24.1 DEPTH 4697 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.276 | 34.892 | 22.225 | 0.000 |
| 10 | 28.274 | 34.892 | 22.226 | 0.056 |
| 20 | 27.884 | 34.883 | 22.347 | 0.111 |
| 30 | 27.841 | 34.886 | 22.363 | 0.166 |
| 40 | 27.819 | 34.889 | 22.372 | 0.221 |
| 50 | 27.814 | 34.891 | 22.376 | 0.276 |
| 60 | 27.805 | 34.893 | 22.380 | 0.330 |
| 70 | 27.796 | 34.896 | 22.385 | 0.385 |
| 80 | 27.469 | 34.974 | 22.550 | 0.439 |
| 90 | 27.261 | 35.048 | 22.672 | 0.492 |
| 100 | 27.105 | 35.050 | 22.724 | 0.544 |
| 110 | 26.439 | 34.996 | 22.894 | 0.595 |
| 120 | 26.134 | 34.954 | 22.959 | 0.645 |
| 130 | 23.753 | 34.861 | 23.610 | 0.692 |
| 140 | 20.665 | 34.756 | 24.400 | 0.732 |
| 150 | 17.615 | 34.679 | 25.122 | 0.763 |
| 160 | 15.027 | 34.625 | 25.677 | 0.789 |
| 170 | 14.097 | 34.620 | 25.874 | 0.812 |
| 180 | 13.439 | 34.624 | 26.013 | 0.832 |
| 190 | 12.857 | 34.635 | 26.139 | 0.852 |
| 200 | 12.616 | 34.669 | 26.213 | 0.871 |
| 250 | 12.014 | 34.803 | 26.434 | 0.957 |
| 300 | 11.599 | 34.781 | 26.495 | 1.038 |
| 350 | 11.107 | 34.742 | 26.555 | 1.118 |
| 400 | 9.933 | 34.667 | 26.704 | 1.192 |
| 450 | 9.089 | 34.636 | 26.819 | 1.260 |
| 500 | 8.437 | 34.608 | 26.900 | 1.324 |
| 550 | 8.057 | 34.600 | 26.951 | 1.384 |
| 600 | 7.498 | 34.581 | 27.019 | 1.443 |
| 650 | 7.037 | 34.562 | 27.069 | 1.498 |
| 700 | 6.825 | 34.555 | 27.093 | 1.553 |
| 750 | 6.000 | 34.536 | 27.186 | 1.603 |
| 800 | 5.722 | 34.534 | 27.219 | 1.651 |
| 900 | 4.907 | 34.537 | 27.319 | 1.741 |
| 1000 | 4.412 | 34.547 | 27.383 | 1.824 |
| 1001 | 4.407 | 34.547 | 27.383 | 1.825 |

CAST EP5-93-DI -006 DATE 31 OCT 93 TIME 0639 GMT

LAT 01 00.0N LONG 155 00.6W

CAST EP5-93-DI -006 DATE 31 OCT 93 TIME 0639 GMT
LAT 01 00.0N LONG 155 00.6W WEATHER 1 SEA STATE 2
BAROMETER 13 WIND DIR 115 T SPD 05 KT VISIBILITY 7
CLOUD 8 AMOUNT 5 DRY 27.2 WET 23.9 DEPTH 4750 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.594 | 35.067 | 22.579 | 0.000 |
| 10 | 27.595 | 35.067 | 22.579 | 0.053 |
| 20 | 27.283 | 35.062 | 22.676 | 0.105 |
| 30 | 27.234 | 35.070 | 22.697 | 0.156 |
| 40 | 27.197 | 35.078 | 22.715 | 0.208 |
| 50 | 27.143 | 35.086 | 22.738 | 0.259 |
| 60 | 27.069 | 35.082 | 22.760 | 0.311 |
| 70 | 26.972 | 35.057 | 22.772 | 0.362 |
| 80 | 26.888 | 35.031 | 22.779 | 0.413 |
| 90 | 26.387 | 35.025 | 22.933 | 0.463 |
| 100 | 25.395 | 34.955 | 23.188 | 0.511 |
| 110 | 24.639 | 34.880 | 23.362 | 0.558 |
| 120 | 23.342 | 34.920 | 23.776 | 0.602 |
| 130 | 20.753 | 34.816 | 24.422 | 0.641 |
| 140 | 17.520 | 34.762 | 25.208 | 0.672 |
| 150 | 16.574 | 34.726 | 25.405 | 0.699 |
| 160 | 15.871 | 34.695 | 25.543 | 0.724 |
| 170 | 15.111 | 34.651 | 25.679 | 0.749 |
| 180 | 14.066 | 34.628 | 25.887 | 0.771 |
| 190 | 13.291 | 34.614 | 26.036 | 0.792 |
| 200 | 12.907 | 34.655 | 26.145 | 0.812 |
| 250 | 12.165 | 34.805 | 26.407 | 0.901 |
| 300 | 12.068 | 34.817 | 26.435 | 0.984 |
| 350 | 10.969 | 34.748 | 26.586 | 1.065 |
| 400 | 9.739 | 34.677 | 26.744 | 1.137 |
| 450 | 8.878 | 34.627 | 26.846 | 1.204 |
| 500 | 8.389 | 34.604 | 26.904 | 1.267 |
| 550 | 7.846 | 34.591 | 26.976 | 1.327 |
| 600 | 7.154 | 34.563 | 27.053 | 1.384 |
| 650 | 6.769 | 34.552 | 27.097 | 1.438 |
| 700 | 6.396 | 34.540 | 27.138 | 1.490 |
| 750 | 6.077 | 34.531 | 27.172 | 1.541 |
| 800 | 5.789 | 34.532 | 27.209 | 1.590 |
| 900 | 5.080 | 34.533 | 27.296 | 1.682 |
| 999 | 4.448 | 34.539 | 27.372 | 1.765 |

CAST EP5-93-DI -007 DATE 31 OCT 93 TIME 1618 GMT

LAT 00 00.8N LONG 155 01.1W

CAST EP5-93-DI -007 DATE 31 OCT 93 TIME 1618 GMT
LAT 00 00.8N LONG 155 01.1W WEATHER 1 SEA STATE 1
BAROMETER 12 WIND DIR 070 T SPD 10 KT VISIBILITY 8
CLOUD 8 AMOUNT 3 DRY 26.5 WET 23.3 DEPTH 4667 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.510 | 35.078 | 22.615 | 0.000 |
| 10 | 27.513 | 35.077 | 22.613 | 0.052 |
| 20 | 27.514 | 35.079 | 22.614 | 0.105 |
| 30 | 27.465 | 35.076 | 22.628 | 0.157 |
| 40 | 27.429 | 35.091 | 22.650 | 0.209 |
| 50 | 27.403 | 35.106 | 22.670 | 0.261 |
| 60 | 27.344 | 35.274 | 22.816 | 0.313 |
| 70 | 26.946 | 35.271 | 22.941 | 0.363 |
| 80 | 26.614 | 35.221 | 23.009 | 0.412 |
| 90 | 26.294 | 35.264 | 23.142 | 0.460 |
| 100 | 24.847 | 35.119 | 23.479 | 0.506 |
| 110 | 23.007 | 34.966 | 23.907 | 0.548 |
| 120 | 22.423 | 35.152 | 24.216 | 0.588 |
| 130 | 20.912 | 35.020 | 24.534 | 0.624 |
| 140 | 19.758 | 35.135 | 24.930 | 0.656 |
| 150 | 18.779 | 35.197 | 25.229 | 0.685 |
| 160 | 17.996 | 35.166 | 25.401 | 0.713 |
| 170 | 15.879 | 34.918 | 25.713 | 0.737 |
| 180 | 14.911 | 34.896 | 25.912 | 0.760 |
| 190 | 13.905 | 34.825 | 26.072 | 0.780 |
| 200 | 13.685 | 34.844 | 26.133 | 0.800 |
| 250 | 12.443 | 34.824 | 26.367 | 0.891 |
| 300 | 12.018 | 34.809 | 26.438 | 0.975 |
| 350 | 10.322 | 34.707 | 26.668 | 1.051 |
| 400 | 9.124 | 34.641 | 26.817 | 1.119 |
| 450 | 8.815 | 34.624 | 26.853 | 1.183 |
| 500 | 8.454 | 34.612 | 26.900 | 1.246 |
| 550 | 8.111 | 34.603 | 26.946 | 1.308 |
| 600 | 7.303 | 34.568 | 27.037 | 1.367 |
| 650 | 6.643 | 34.547 | 27.111 | 1.420 |
| 700 | 6.460 | 34.544 | 27.133 | 1.472 |
| 750 | 6.182 | 34.539 | 27.165 | 1.523 |
| 800 | 5.720 | 34.534 | 27.220 | 1.572 |
| 900 | 4.925 | 34.534 | 27.314 | 1.663 |
| 1000 | 4.573 | 34.542 | 27.360 | 1.746 |
| 1003 | 4.556 | 34.542 | 27.362 | 1.749 |

CAST EP5-93-DI -008 DATE 01 NOV 93 TIME 1007 GMT

LAT 00 59.7S LONG 154 59.9W

CAST EP5-93-DI -008 DATE 01 NOV 93 TIME 1007 GMT
LAT 00 59.7S LONG 154 59.9W WEATHER 1 SEA STATE 2
BAROMETER 33 WIND DIR 080 T SPD 08 KT VISIBILITY 7
CLOUD 8 AMOUNT 5 DRY 26.9 WET 24.0 DEPTH 4726 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.731 | 35.113 | 22.570 | 0.000 |
| 10 | 27.729 | 35.113 | 22.571 | 0.053 |
| 20 | 27.732 | 35.117 | 22.572 | 0.105 |
| 30 | 27.696 | 35.118 | 22.585 | 0.158 |
| 40 | 27.695 | 35.157 | 22.614 | 0.211 |
| 50 | 27.789 | 35.211 | 22.624 | 0.263 |
| 60 | 27.847 | 35.247 | 22.633 | 0.315 |
| 70 | 27.903 | 35.340 | 22.684 | 0.368 |
| 80 | 27.684 | 35.370 | 22.778 | 0.419 |
| 90 | 27.115 | 35.414 | 22.995 | 0.469 |
| 100 | 26.155 | 35.497 | 23.362 | 0.517 |
| 110 | 24.032 | 35.669 | 24.140 | 0.559 |
| 120 | 22.641 | 35.490 | 24.410 | 0.596 |
| 130 | 22.510 | 35.581 | 24.517 | 0.631 |
| 140 | 21.962 | 35.615 | 24.698 | 0.665 |
| 150 | 21.048 | 35.582 | 24.926 | 0.697 |
| 160 | 19.541 | 35.485 | 25.254 | 0.726 |
| 170 | 17.384 | 35.299 | 25.652 | 0.751 |
| 180 | 16.651 | 35.217 | 25.764 | 0.775 |
| 190 | 14.767 | 35.052 | 26.064 | 0.796 |
| 200 | 14.321 | 35.021 | 26.136 | 0.815 |
| 250 | 11.904 | 34.802 | 26.454 | 0.902 |
| 300 | 11.692 | 34.794 | 26.488 | 0.983 |
| 350 | 10.339 | 34.711 | 26.668 | 1.058 |
| 400 | 9.653 | 34.672 | 26.755 | 1.128 |
| 450 | 8.636 | 34.614 | 26.874 | 1.195 |
| 500 | 8.367 | 34.607 | 26.910 | 1.257 |
| 550 | 7.919 | 34.589 | 26.964 | 1.318 |
| 600 | 7.382 | 34.572 | 27.028 | 1.377 |
| 650 | 6.943 | 34.558 | 27.079 | 1.431 |
| 700 | 6.474 | 34.541 | 27.129 | 1.484 |
| 750 | 6.133 | 34.534 | 27.168 | 1.535 |
| 800 | 5.591 | 34.526 | 27.230 | 1.584 |
| 900 | 4.820 | 34.530 | 27.324 | 1.672 |
| 1000 | 4.532 | 34.538 | 27.362 | 1.755 |
| 1007 | 4.497 | 34.539 | 27.366 | 1.761 |

CAST EP5-93-DI -009 DATE 01 NOV 93 TIME 1617 GMT

LAT 02 00.0S LONG 154 56.8W

CAST EP5-93-DI -009 DATE 01 NOV 93 TIME 1617 GMT
LAT 02 00.0S LONG 154 56.8W WEATHER 1 SEA STATE 3
BAROMETER 23 WIND DIR 075 T SPD 18 KT VISIBILITY 8
CLOUD 8 AMOUNT 5 DRY 27.0 WET 23.3 DEPTH 4969 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.951 | 35.226 | 22.583 | 0.000 |
| 10 | 27.949 | 35.227 | 22.584 | 0.053 |
| 20 | 27.958 | 35.230 | 22.583 | 0.105 |
| 30 | 27.960 | 35.233 | 22.585 | 0.158 |
| 40 | 27.966 | 35.240 | 22.588 | 0.210 |
| 50 | 28.032 | 35.285 | 22.601 | 0.263 |
| 60 | 28.085 | 35.332 | 22.619 | 0.316 |
| 70 | 28.094 | 35.361 | 22.637 | 0.368 |
| 80 | 27.973 | 35.370 | 22.684 | 0.420 |
| 90 | 27.891 | 35.386 | 22.722 | 0.472 |
| 100 | 27.700 | 35.404 | 22.799 | 0.523 |
| 110 | 27.522 | 35.406 | 22.857 | 0.574 |
| 120 | 27.217 | 35.430 | 22.974 | 0.624 |
| 130 | 26.424 | 35.518 | 23.293 | 0.672 |
| 140 | 25.322 | 35.636 | 23.726 | 0.717 |
| 150 | 22.808 | 35.672 | 24.500 | 0.756 |
| 160 | 17.011 | 35.305 | 25.747 | 0.783 |
| 170 | 13.292 | 34.903 | 26.259 | 0.803 |
| 180 | 12.669 | 34.857 | 26.349 | 0.820 |
| 190 | 12.575 | 34.855 | 26.366 | 0.838 |
| 200 | 12.419 | 34.845 | 26.388 | 0.854 |
| 250 | 11.952 | 34.819 | 26.458 | 0.937 |
| 300 | 11.234 | 34.780 | 26.562 | 1.016 |
| 350 | 10.845 | 34.751 | 26.610 | 1.093 |
| 400 | 9.705 | 34.687 | 26.758 | 1.164 |
| 450 | 8.896 | 34.645 | 26.857 | 1.230 |
| 500 | 8.107 | 34.609 | 26.951 | 1.291 |
| 550 | 7.576 | 34.583 | 27.009 | 1.350 |
| 600 | 7.222 | 34.570 | 27.049 | 1.406 |
| 650 | 6.919 | 34.559 | 27.083 | 1.461 |
| 700 | 6.366 | 34.544 | 27.146 | 1.513 |
| 750 | 5.999 | 34.538 | 27.188 | 1.563 |
| 800 | 5.460 | 34.534 | 27.251 | 1.610 |
| 900 | 4.869 | 34.533 | 27.320 | 1.698 |
| 1000 | 4.343 | 34.542 | 27.386 | 1.781 |
| 1001 | 4.342 | 34.542 | 27.386 | 1.782 |

CAST EP5-93-DI -010 DATE 02 NOV 93 TIME 1058 GMT

LAT 03 00.2S LONG 155 00.2W

CAST EP5-93-DI -010 DATE 02 NOV 93 TIME 1058 GMT
LAT 03 00.2S LONG 155 00.2W WEATHER 1 SEA STATE 3
BAROMETER 11 WIND DIR 085 T SPD 13 KT VISIBILITY 8
CLOUD 8 AMOUNT 2 DRY 27.0 WET 22.8 DEPTH 4925 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 27.709 | 35.060 | 22.537 | 0.000 |
| 10 | 27.706 | 35.060 | 22.538 | 0.053 |
| 20 | 27.711 | 35.062 | 22.537 | 0.106 |
| 30 | 27.705 | 35.064 | 22.541 | 0.159 |
| 40 | 27.709 | 35.067 | 22.542 | 0.212 |
| 50 | 27.710 | 35.072 | 22.545 | 0.265 |
| 60 | 27.827 | 35.184 | 22.592 | 0.318 |
| 70 | 28.105 | 35.375 | 22.644 | 0.371 |
| 80 | 28.191 | 35.430 | 22.657 | 0.423 |
| 90 | 28.029 | 35.421 | 22.704 | 0.475 |
| 100 | 27.578 | 35.398 | 22.834 | 0.526 |
| 110 | 27.412 | 35.412 | 22.898 | 0.577 |
| 120 | 25.852 | 35.614 | 23.545 | 0.625 |
| 130 | 23.945 | 35.794 | 24.261 | 0.665 |
| 140 | 22.795 | 35.830 | 24.624 | 0.700 |
| 150 | 21.891 | 35.809 | 24.865 | 0.732 |
| 160 | 18.700 | 35.517 | 25.494 | 0.761 |
| 170 | 15.964 | 35.213 | 25.921 | 0.784 |
| 180 | 15.117 | 35.129 | 26.046 | 0.804 |
| 190 | 14.011 | 35.014 | 26.196 | 0.824 |
| 200 | 12.981 | 34.877 | 26.302 | 0.842 |
| 250 | 12.119 | 34.832 | 26.437 | 0.927 |
| 300 | 11.466 | 34.797 | 26.532 | 1.008 |
| 350 | 10.804 | 34.760 | 26.624 | 1.085 |
| 400 | 10.199 | 34.722 | 26.701 | 1.157 |
| 450 | 9.564 | 34.691 | 26.784 | 1.227 |
| 500 | 8.201 | 34.617 | 26.943 | 1.290 |
| 550 | 7.435 | 34.580 | 27.027 | 1.348 |
| 600 | 6.966 | 34.564 | 27.080 | 1.403 |
| 650 | 6.506 | 34.551 | 27.132 | 1.455 |
| 700 | 6.013 | 34.539 | 27.187 | 1.505 |
| 750 | 5.594 | 34.534 | 27.236 | 1.552 |
| 800 | 5.276 | 34.532 | 27.272 | 1.598 |
| 900 | 4.671 | 34.535 | 27.344 | 1.684 |
| 1000 | 4.334 | 34.543 | 27.388 | 1.764 |
| 1002 | 4.332 | 34.544 | 27.389 | 1.766 |

CAST EP5-93-DI -011 DATE 02 NOV 93 TIME 1603 GMT

LAT 03 56.9S LONG 155 00.2W

CAST EP5-93-DI -011 DATE 02 NOV 93 TIME 1603 GMT
LAT 03 56.9S LONG 155 00.2W WEATHER 1 SEA STATE 4
BAROMETER 11 WIND DIR 060 T SPD 15 KT VISIBILITY 8
CLOUD 8 AMOUNT 2 DRY 27.5 WET 23.0 DEPTH 2447 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.235 | 35.345 | 22.579 | 0.000 |
| 10 | 28.231 | 35.345 | 22.581 | 0.053 |
| 20 | 28.243 | 35.348 | 22.578 | 0.105 |
| 30 | 28.239 | 35.329 | 22.566 | 0.158 |
| 40 | 28.258 | 35.362 | 22.584 | 0.211 |
| 50 | 28.363 | 35.443 | 22.611 | 0.263 |
| 60 | 28.336 | 35.450 | 22.625 | 0.316 |
| 70 | 28.227 | 35.442 | 22.655 | 0.368 |
| 80 | 28.120 | 35.436 | 22.685 | 0.420 |
| 90 | 27.957 | 35.427 | 22.732 | 0.472 |
| 100 | 27.922 | 35.429 | 22.745 | 0.523 |
| 110 | 27.845 | 35.427 | 22.769 | 0.575 |
| 120 | 27.494 | 35.422 | 22.879 | 0.626 |
| 130 | 26.458 | 35.582 | 23.331 | 0.674 |
| 140 | 25.884 | 35.808 | 23.681 | 0.719 |
| 150 | 23.780 | 35.959 | 24.435 | 0.758 |
| 160 | 22.642 | 35.953 | 24.762 | 0.792 |
| 170 | 21.166 | 35.810 | 25.067 | 0.823 |
| 180 | 18.943 | 35.569 | 25.472 | 0.850 |
| 190 | 17.780 | 35.433 | 25.659 | 0.875 |
| 200 | 15.334 | 35.151 | 26.015 | 0.897 |
| 250 | 12.197 | 34.874 | 26.454 | 0.986 |
| 300 | 11.060 | 34.783 | 26.596 | 1.064 |
| 350 | 10.076 | 34.713 | 26.715 | 1.136 |
| 400 | 9.096 | 34.656 | 26.834 | 1.204 |
| 450 | 8.315 | 34.618 | 26.926 | 1.266 |
| 500 | 7.550 | 34.579 | 27.009 | 1.323 |
| 550 | 7.034 | 34.560 | 27.068 | 1.378 |
| 600 | 6.839 | 34.554 | 27.090 | 1.432 |
| 650 | 6.433 | 34.542 | 27.135 | 1.484 |
| 700 | 6.031 | 34.533 | 27.180 | 1.534 |
| 750 | 5.789 | 34.530 | 27.208 | 1.582 |
| 800 | 5.505 | 34.526 | 27.240 | 1.629 |
| 900 | 5.034 | 34.529 | 27.298 | 1.719 |
| 1000 | 4.623 | 34.527 | 27.343 | 1.804 |
| 1002 | 4.601 | 34.527 | 27.345 | 1.806 |

CAST EP5-93-DI -012 DATE 03 NOV 93 TIME 1053 GMT

LAT 04 59.3S LONG 154 58.9W

CAST EP5-93-DI -012 DATE 03 NOV 93 TIME 1053 GMT
LAT 04 59.3S LONG 154 58.9W WEATHER 1 SEA STATE 2
BAROMETER 18 WIND DIR 110 T SPD 06 KT VISIBILITY 7
CLOUD 8 AMOUNT 2 DRY 27.2 WET 23.8 DEPTH 4889 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.547 | 35.425 | 22.536 | 0.000 |
| 10 | 28.544 | 35.425 | 22.537 | 0.053 |
| 20 | 28.548 | 35.427 | 22.537 | 0.106 |
| 30 | 28.453 | 35.424 | 22.567 | 0.159 |
| 40 | 28.444 | 35.426 | 22.571 | 0.212 |
| 50 | 28.437 | 35.428 | 22.575 | 0.265 |
| 60 | 28.431 | 35.429 | 22.578 | 0.318 |
| 70 | 28.411 | 35.432 | 22.587 | 0.370 |
| 80 | 28.278 | 35.420 | 22.622 | 0.423 |
| 90 | 28.140 | 35.403 | 22.654 | 0.476 |
| 100 | 28.105 | 35.413 | 22.674 | 0.528 |
| 110 | 28.032 | 35.451 | 22.726 | 0.580 |
| 120 | 27.405 | 35.674 | 23.097 | 0.630 |
| 130 | 26.090 | 35.938 | 23.715 | 0.676 |
| 140 | 23.856 | 35.943 | 24.400 | 0.715 |
| 150 | 22.432 | 35.938 | 24.810 | 0.749 |
| 160 | 20.944 | 35.817 | 25.133 | 0.780 |
| 170 | 20.386 | 35.748 | 25.231 | 0.808 |
| 180 | 18.491 | 35.497 | 25.532 | 0.835 |
| 190 | 17.383 | 35.367 | 25.705 | 0.859 |
| 200 | 16.687 | 35.288 | 25.810 | 0.882 |
| 250 | 12.390 | 34.880 | 26.422 | 0.976 |
| 300 | 10.648 | 34.748 | 26.642 | 1.053 |
| 350 | 9.839 | 34.702 | 26.747 | 1.123 |
| 400 | 9.155 | 34.663 | 26.830 | 1.190 |
| 450 | 8.533 | 34.628 | 26.901 | 1.253 |
| 500 | 7.894 | 34.593 | 26.970 | 1.313 |
| 550 | 7.441 | 34.575 | 27.023 | 1.370 |
| 600 | 7.027 | 34.562 | 27.070 | 1.425 |
| 650 | 6.743 | 34.550 | 27.100 | 1.478 |
| 700 | 6.275 | 34.533 | 27.148 | 1.530 |
| 750 | 5.768 | 34.522 | 27.204 | 1.579 |
| 800 | 5.514 | 34.520 | 27.234 | 1.626 |
| 900 | 4.929 | 34.522 | 27.304 | 1.716 |
| 1000 | 4.383 | 34.533 | 27.374 | 1.799 |
| 1001 | 4.379 | 34.534 | 27.375 | 1.800 |

CAST EP5-93-DI -013 DATE 04 NOV 93 TIME 1935 GMT

LAT 08 15.2S LONG 155 00.2W

CAST EP5-93-DI -013 DATE 04 NOV 93 TIME 1935 GMT
LAT 08 15.2S LONG 155 00.2W WEATHER 8 SEA STATE 4
BAROMETER 11 WIND DIR 240 T SPD 18 KT VISIBILITY 6
CLOUD 9 AMOUNT 8 DRY 26.3 WET 25.0 DEPTH 5296 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.287 | 35.236 | 22.148 | 0.000 |
| 10 | 29.285 | 35.236 | 22.148 | 0.057 |
| 20 | 29.282 | 35.228 | 22.143 | 0.114 |
| 30 | 29.269 | 35.275 | 22.183 | 0.170 |
| 40 | 29.057 | 35.293 | 22.267 | 0.226 |
| 50 | 28.920 | 35.363 | 22.366 | 0.281 |
| 60 | 28.670 | 35.323 | 22.419 | 0.336 |
| 70 | 28.537 | 35.366 | 22.496 | 0.390 |
| 80 | 28.024 | 35.376 | 22.672 | 0.443 |
| 90 | 27.703 | 35.419 | 22.809 | 0.495 |
| 100 | 27.317 | 35.561 | 23.041 | 0.545 |
| 110 | 27.432 | 35.941 | 23.290 | 0.592 |
| 120 | 26.833 | 36.226 | 23.697 | 0.637 |
| 130 | 26.329 | 36.297 | 23.910 | 0.678 |
| 140 | 25.809 | 36.329 | 24.098 | 0.718 |
| 150 | 24.925 | 36.355 | 24.390 | 0.755 |
| 160 | 24.333 | 36.332 | 24.552 | 0.790 |
| 170 | 23.337 | 36.246 | 24.782 | 0.824 |
| 180 | 22.242 | 36.105 | 24.991 | 0.855 |
| 190 | 21.534 | 35.999 | 25.109 | 0.885 |
| 200 | 19.774 | 35.738 | 25.385 | 0.913 |
| 250 | 15.941 | 35.215 | 25.928 | 1.033 |
| 300 | 12.846 | 34.900 | 26.347 | 1.130 |
| 350 | 10.689 | 34.734 | 26.624 | 1.211 |
| 400 | 9.613 | 34.685 | 26.771 | 1.281 |
| 450 | 8.926 | 34.640 | 26.849 | 1.347 |
| 500 | 8.245 | 34.604 | 26.926 | 1.410 |
| 550 | 7.791 | 34.582 | 26.977 | 1.469 |
| 600 | 7.189 | 34.554 | 27.041 | 1.526 |
| 650 | 6.702 | 34.538 | 27.096 | 1.580 |
| 700 | 6.325 | 34.527 | 27.137 | 1.632 |
| 750 | 5.898 | 34.520 | 27.187 | 1.682 |
| 800 | 5.564 | 34.517 | 27.225 | 1.730 |
| 900 | 4.986 | 34.517 | 27.294 | 1.821 |
| 1000 | 4.457 | 34.524 | 27.359 | 1.906 |
| 1002 | 4.454 | 34.525 | 27.360 | 1.908 |

CAST EP5-93-DI -015 DATE 10 NOV 93 TIME 0418 GMT

LAT 04 57.4N LONG 169 57.6W

CAST EP5-93-DI -015 DATE 10 NOV 93 TIME 0418 GMT
LAT 04 57.4N LONG 169 57.6W WEATHER 5 SEA STATE 4
BAROMETER 06 WIND DIR 065 T SPD 07 KT VISIBILITY 6
CLOUD 8 AMOUNT 5 DRY 30.0 WET 26.1 DEPTH 5746 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.860 | 33.618 | 20.740 | 0.000 |
| 10 | 29.857 | 33.618 | 20.741 | 0.070 |
| 20 | 29.598 | 33.603 | 20.818 | 0.140 |
| 30 | 29.576 | 33.604 | 20.826 | 0.210 |
| 40 | 29.567 | 33.606 | 20.831 | 0.279 |
| 50 | 29.562 | 33.609 | 20.834 | 0.349 |
| 60 | 29.558 | 33.612 | 20.838 | 0.418 |
| 70 | 29.554 | 33.621 | 20.846 | 0.488 |
| 80 | 28.487 | 34.327 | 21.731 | 0.553 |
| 90 | 27.066 | 34.552 | 22.361 | 0.611 |
| 100 | 26.382 | 34.579 | 22.598 | 0.664 |
| 110 | 25.341 | 34.620 | 22.952 | 0.715 |
| 120 | 23.807 | 34.679 | 23.457 | 0.763 |
| 130 | 22.234 | 34.699 | 23.925 | 0.805 |
| 140 | 20.522 | 34.693 | 24.390 | 0.843 |
| 150 | 19.825 | 34.702 | 24.582 | 0.878 |
| 160 | 18.956 | 34.700 | 24.804 | 0.911 |
| 170 | 17.593 | 34.667 | 25.118 | 0.941 |
| 180 | 15.810 | 34.609 | 25.491 | 0.968 |
| 190 | 14.695 | 34.576 | 25.712 | 0.993 |
| 200 | 13.315 | 34.548 | 25.980 | 1.015 |
| 250 | 10.347 | 34.566 | 26.553 | 1.102 |
| 300 | 9.443 | 34.590 | 26.726 | 1.174 |
| 350 | 8.953 | 34.584 | 26.800 | 1.241 |
| 400 | 8.550 | 34.584 | 26.864 | 1.305 |
| 450 | 8.220 | 34.577 | 26.909 | 1.367 |
| 500 | 7.940 | 34.571 | 26.946 | 1.427 |
| 550 | 7.749 | 34.566 | 26.970 | 1.487 |
| 600 | 7.297 | 34.555 | 27.027 | 1.544 |
| 650 | 6.915 | 34.544 | 27.071 | 1.600 |
| 700 | 6.493 | 34.535 | 27.121 | 1.653 |
| 750 | 6.085 | 34.526 | 27.168 | 1.704 |
| 800 | 5.714 | 34.525 | 27.213 | 1.753 |
| 900 | 5.106 | 34.528 | 27.289 | 1.845 |
| 1000 | 4.652 | 34.539 | 27.349 | 1.930 |
| 1002 | 4.651 | 34.540 | 27.350 | 1.932 |

CAST EP5-93-DI -016 DATE 10 NOV 93 TIME 0931 GMT

LAT 04 00.3N LONG 170 00.2W

CAST EP5-93-DI -016 DATE 10 NOV 93 TIME 0931 GMT
LAT 04 00.3N LONG 170 00.2W WEATHER 1 SEA STATE 4
BAROMETER 92 WIND DIR 126 T SPD 26 KT VISIBILITY 7
CLOUD 8 AMOUNT 3 DRY 29.5 WET 25.5 DEPTH 5592 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.436 | 33.946 | 21.129 | 0.000 |
| 10 | 29.433 | 33.946 | 21.130 | 0.066 |
| 20 | 29.444 | 33.946 | 21.127 | 0.133 |
| 30 | 29.447 | 33.948 | 21.127 | 0.200 |
| 40 | 29.446 | 33.950 | 21.129 | 0.266 |
| 50 | 29.425 | 33.967 | 21.149 | 0.333 |
| 60 | 29.506 | 34.021 | 21.162 | 0.399 |
| 70 | 29.491 | 34.060 | 21.196 | 0.466 |
| 80 | 29.394 | 34.303 | 21.411 | 0.531 |
| 90 | 28.798 | 34.667 | 21.884 | 0.594 |
| 100 | 27.865 | 34.667 | 22.190 | 0.652 |
| 110 | 27.082 | 34.923 | 22.636 | 0.706 |
| 120 | 26.111 | 34.890 | 22.918 | 0.758 |
| 130 | 24.499 | 34.728 | 23.289 | 0.806 |
| 140 | 22.129 | 34.699 | 23.955 | 0.850 |
| 150 | 18.682 | 34.681 | 24.859 | 0.886 |
| 160 | 17.628 | 34.665 | 25.107 | 0.916 |
| 170 | 16.223 | 34.624 | 25.408 | 0.943 |
| 180 | 14.626 | 34.585 | 25.734 | 0.967 |
| 190 | 13.255 | 34.545 | 25.990 | 0.990 |
| 200 | 12.012 | 34.562 | 26.247 | 1.009 |
| 250 | 10.021 | 34.523 | 26.577 | 1.090 |
| 300 | 10.131 | 34.646 | 26.653 | 1.163 |
| 350 | 9.603 | 34.622 | 26.724 | 1.234 |
| 400 | 9.214 | 34.604 | 26.773 | 1.303 |
| 450 | 8.860 | 34.607 | 26.833 | 1.369 |
| 500 | 8.285 | 34.581 | 26.902 | 1.432 |
| 550 | 7.929 | 34.576 | 26.952 | 1.492 |
| 600 | 7.297 | 34.558 | 27.029 | 1.551 |
| 650 | 6.779 | 34.550 | 27.095 | 1.605 |
| 700 | 6.212 | 34.537 | 27.160 | 1.657 |
| 750 | 5.843 | 34.532 | 27.203 | 1.706 |
| 800 | 5.572 | 34.531 | 27.236 | 1.753 |
| 900 | 5.124 | 34.534 | 27.291 | 1.844 |
| 1000 | 4.702 | 34.540 | 27.345 | 1.930 |
| 1006 | 4.690 | 34.541 | 27.347 | 1.935 |

CAST EP5-93-DI -017 DATE 10 NOV 93 TIME 1505 GMT

LAT 02 59.9N LONG 170 00.1W

CAST EP5-93-DI -017 DATE 10 NOV 93 TIME 1505 GMT
LAT 02 59.9N LONG 170 00.1W WEATHER 1 SEA STATE 4
BAROMETER 69 WIND DIR 140 T SPD 20 KT VISIBILITY 8
CLOUD 8 AMOUNT 3 DRY 26.3 WET 24.7 DEPTH 5445 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.485 | 34.054 | 21.194 | 0.000 |
| 10 | 29.482 | 34.054 | 21.195 | 0.066 |
| 20 | 29.493 | 34.062 | 21.197 | 0.132 |
| 30 | 29.493 | 34.065 | 21.199 | 0.198 |
| 40 | 29.496 | 34.069 | 21.201 | 0.264 |
| 50 | 29.486 | 34.067 | 21.203 | 0.330 |
| 60 | 29.505 | 34.090 | 21.214 | 0.396 |
| 70 | 29.535 | 34.136 | 21.239 | 0.461 |
| 80 | 29.586 | 34.299 | 21.343 | 0.527 |
| 90 | 29.058 | 34.779 | 21.881 | 0.588 |
| 100 | 29.055 | 34.829 | 21.920 | 0.648 |
| 110 | 27.569 | 34.886 | 22.451 | 0.705 |
| 120 | 26.653 | 34.927 | 22.775 | 0.758 |
| 130 | 24.534 | 34.664 | 23.230 | 0.807 |
| 140 | 22.245 | 34.681 | 23.908 | 0.850 |
| 150 | 20.000 | 34.718 | 24.548 | 0.888 |
| 160 | 17.337 | 34.630 | 25.151 | 0.920 |
| 170 | 15.286 | 34.590 | 25.594 | 0.946 |
| 180 | 13.283 | 34.526 | 25.969 | 0.969 |
| 190 | 11.870 | 34.557 | 26.270 | 0.988 |
| 200 | 11.564 | 34.652 | 26.401 | 1.005 |
| 250 | 11.091 | 34.726 | 26.546 | 1.084 |
| 300 | 10.654 | 34.707 | 26.610 | 1.160 |
| 350 | 10.277 | 34.688 | 26.661 | 1.234 |
| 400 | 9.806 | 34.662 | 26.722 | 1.305 |
| 450 | 9.212 | 34.634 | 26.797 | 1.373 |
| 500 | 8.564 | 34.599 | 26.874 | 1.438 |
| 550 | 8.078 | 34.577 | 26.930 | 1.500 |
| 600 | 7.571 | 34.565 | 26.996 | 1.560 |
| 650 | 7.078 | 34.557 | 27.059 | 1.616 |
| 700 | 6.310 | 34.537 | 27.147 | 1.669 |
| 750 | 5.884 | 34.529 | 27.196 | 1.719 |
| 800 | 5.625 | 34.530 | 27.228 | 1.766 |
| 900 | 4.992 | 34.532 | 27.305 | 1.857 |
| 1000 | 4.546 | 34.541 | 27.363 | 1.941 |
| 1001 | 4.543 | 34.541 | 27.363 | 1.941 |

CAST EP5-93-DI -018 DATE 10 NOV 93 TIME 2140 GMT

LAT 01 56.7N LONG 170 02.2W

CAST EP5-93-DI -018 DATE 10 NOV 93 TIME 2140 GMT
LAT 01 56.7N LONG 170 02.2W WEATHER 1 SEA STATE 2
BAROMETER 10 WIND DIR 110 T SPD 12 KT VISIBILITY 9
CLOUD 3 AMOUNT 2 DRY 29.5 WET 24.5 DEPTH 5370 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.339 | 34.413 | 21.512 | 0.000 |
| 10 | 29.337 | 34.413 | 21.513 | 0.063 |
| 20 | 29.325 | 34.414 | 21.518 | 0.126 |
| 30 | 29.324 | 34.418 | 21.521 | 0.188 |
| 40 | 29.323 | 34.421 | 21.524 | 0.251 |
| 50 | 29.332 | 34.455 | 21.546 | 0.314 |
| 60 | 29.287 | 34.674 | 21.726 | 0.376 |
| 70 | 28.989 | 34.882 | 21.982 | 0.436 |
| 80 | 27.947 | 34.901 | 22.339 | 0.493 |
| 90 | 27.591 | 34.925 | 22.473 | 0.547 |
| 100 | 27.274 | 34.903 | 22.559 | 0.601 |
| 110 | 25.585 | 34.828 | 23.035 | 0.652 |
| 120 | 24.727 | 34.842 | 23.306 | 0.700 |
| 130 | 23.136 | 34.790 | 23.736 | 0.744 |
| 140 | 20.931 | 34.745 | 24.320 | 0.782 |
| 150 | 18.070 | 34.685 | 25.014 | 0.815 |
| 160 | 16.808 | 34.637 | 25.282 | 0.844 |
| 170 | 14.912 | 34.569 | 25.660 | 0.869 |
| 180 | 13.495 | 34.564 | 25.955 | 0.891 |
| 190 | 12.638 | 34.621 | 26.172 | 0.911 |
| 200 | 11.875 | 34.626 | 26.323 | 0.929 |
| 250 | 11.503 | 34.770 | 26.505 | 1.011 |
| 300 | 11.207 | 34.748 | 26.542 | 1.089 |
| 350 | 10.808 | 34.727 | 26.598 | 1.166 |
| 400 | 10.528 | 34.714 | 26.637 | 1.241 |
| 450 | 9.654 | 34.656 | 26.742 | 1.313 |
| 500 | 8.456 | 34.600 | 26.891 | 1.379 |
| 550 | 7.821 | 34.576 | 26.968 | 1.440 |
| 600 | 7.354 | 34.564 | 27.026 | 1.498 |
| 650 | 7.010 | 34.549 | 27.063 | 1.553 |
| 700 | 6.605 | 34.540 | 27.111 | 1.607 |
| 750 | 6.199 | 34.529 | 27.155 | 1.659 |
| 800 | 5.777 | 34.527 | 27.207 | 1.708 |
| 900 | 5.099 | 34.529 | 27.291 | 1.800 |
| 1000 | 4.530 | 34.541 | 27.364 | 1.885 |
| 1006 | 4.508 | 34.542 | 27.367 | 1.890 |

CAST EP5-93-DI -019 DATE 11 NOV 93 TIME 0654 GMT

LAT 00 00.2N LONG 170 00.2W

CAST EP5-93-DI -019 DATE 11 NOV 93 TIME 0654 GMT
LAT 00 00.2N LONG 170 00.2W WEATHER 1 SEA STATE 4
BAROMETER 08 WIND DIR 070 T SPD 22 KT VISIBILITY 7
CLOUD 9 AMOUNT 3 DRY 28.5 WET 24.9 DEPTH 5461 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.406 | 35.063 | 22.311 | 0.000 |
| 10 | 28.404 | 35.063 | 22.311 | 0.055 |
| 20 | 28.401 | 35.066 | 22.315 | 0.110 |
| 30 | 28.396 | 35.066 | 22.317 | 0.166 |
| 40 | 28.329 | 35.071 | 22.342 | 0.221 |
| 50 | 28.329 | 35.080 | 22.349 | 0.276 |
| 60 | 28.343 | 35.100 | 22.360 | 0.331 |
| 70 | 28.382 | 35.186 | 22.411 | 0.386 |
| 80 | 28.001 | 35.220 | 22.562 | 0.439 |
| 90 | 28.058 | 35.282 | 22.590 | 0.492 |
| 100 | 28.059 | 35.299 | 22.602 | 0.545 |
| 110 | 28.009 | 35.322 | 22.636 | 0.598 |
| 120 | 26.620 | 35.318 | 23.081 | 0.649 |
| 130 | 23.707 | 35.049 | 23.766 | 0.694 |
| 140 | 21.970 | 35.144 | 24.337 | 0.733 |
| 150 | 20.573 | 35.135 | 24.713 | 0.767 |
| 160 | 18.725 | 35.018 | 25.106 | 0.798 |
| 170 | 17.342 | 35.065 | 25.484 | 0.825 |
| 180 | 16.666 | 34.971 | 25.572 | 0.850 |
| 190 | 15.777 | 34.921 | 25.739 | 0.874 |
| 200 | 14.721 | 34.945 | 25.991 | 0.895 |
| 250 | 12.676 | 34.825 | 26.322 | 0.990 |
| 300 | 11.554 | 34.773 | 26.497 | 1.075 |
| 350 | 10.722 | 34.741 | 26.625 | 1.151 |
| 400 | 9.633 | 34.676 | 26.761 | 1.223 |
| 450 | 8.637 | 34.609 | 26.870 | 1.289 |
| 500 | 7.741 | 34.570 | 26.975 | 1.350 |
| 550 | 7.233 | 34.561 | 27.041 | 1.406 |
| 600 | 6.954 | 34.555 | 27.075 | 1.460 |
| 650 | 6.787 | 34.552 | 27.095 | 1.514 |
| 700 | 6.251 | 34.538 | 27.155 | 1.565 |
| 750 | 5.964 | 34.534 | 27.189 | 1.615 |
| 800 | 5.706 | 34.532 | 27.220 | 1.663 |
| 900 | 5.222 | 34.530 | 27.277 | 1.756 |
| 1000 | 4.784 | 34.535 | 27.332 | 1.843 |
| 1002 | 4.774 | 34.536 | 27.333 | 1.845 |

CAST EP5-93-DI -020 DATE 11 NOV 93 TIME 1800 GMT

LAT 00 59.7S LONG 170 00.1W

CAST EP5-93-DI -020 DATE 11 NOV 93 TIME 1800 GMT
LAT 00 59.7S LONG 170 00.1W WEATHER 1 SEA STATE 4
BAROMETER 10 WIND DIR 040 T SPD 16 KT VISIBILITY 7
CLOUD 8 AMOUNT 6 DRY 28.2 WET 23.7 DEPTH 5394 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 28.593 | 35.142 | 22.309 | 0.000 |
| 10 | 28.591 | 35.142 | 22.309 | 0.055 |
| 20 | 28.594 | 35.143 | 22.309 | 0.110 |
| 30 | 28.592 | 35.145 | 22.311 | 0.166 |
| 40 | 28.591 | 35.147 | 22.313 | 0.221 |
| 50 | 28.590 | 35.150 | 22.315 | 0.276 |
| 60 | 28.588 | 35.152 | 22.318 | 0.332 |
| 70 | 28.585 | 35.155 | 22.321 | 0.387 |
| 80 | 28.509 | 35.154 | 22.346 | 0.442 |
| 90 | 28.068 | 35.119 | 22.464 | 0.497 |
| 100 | 28.029 | 35.164 | 22.510 | 0.551 |
| 110 | 27.946 | 35.226 | 22.584 | 0.604 |
| 120 | 27.577 | 35.445 | 22.869 | 0.656 |
| 130 | 26.587 | 35.584 | 23.291 | 0.705 |
| 140 | 24.229 | 35.390 | 23.870 | 0.748 |
| 150 | 22.098 | 35.280 | 24.404 | 0.786 |
| 160 | 20.826 | 35.205 | 24.699 | 0.821 |
| 170 | 17.749 | 35.181 | 25.473 | 0.850 |
| 180 | 17.244 | 35.169 | 25.587 | 0.875 |
| 190 | 17.366 | 35.321 | 25.674 | 0.899 |
| 200 | 16.136 | 35.199 | 25.870 | 0.921 |
| 250 | 11.943 | 34.801 | 26.446 | 1.015 |
| 300 | 11.387 | 34.770 | 26.526 | 1.096 |
| 350 | 10.410 | 34.721 | 26.664 | 1.172 |
| 400 | 9.532 | 34.672 | 26.775 | 1.243 |
| 450 | 8.460 | 34.612 | 26.899 | 1.308 |
| 500 | 7.423 | 34.559 | 27.012 | 1.366 |
| 550 | 7.183 | 34.557 | 27.044 | 1.421 |
| 600 | 7.036 | 34.554 | 27.062 | 1.476 |
| 650 | 6.554 | 34.544 | 27.120 | 1.529 |
| 700 | 6.211 | 34.536 | 27.159 | 1.580 |
| 750 | 5.998 | 34.534 | 27.185 | 1.630 |
| 800 | 5.802 | 34.533 | 27.209 | 1.678 |
| 900 | 5.364 | 34.526 | 27.257 | 1.773 |
| 1000 | 4.590 | 34.535 | 27.353 | 1.860 |
| 1003 | 4.570 | 34.536 | 27.356 | 1.862 |

CAST EP5-93-DI -021 DATE 12 NOV 93 TIME 010 GMT

LAT 02 11.5S LONG 170 01.5W

CAST EP5-93-DI -021 DATE 12 NOV 93 TIME 010 GMT
LAT 02 11.5S LONG 170 01.5W WEATHER 1 SEA STATE 3
BAROMETER 07 WIND DIR 050 T SPD 14 KT VISIBILITY 9
CLOUD 8 AMOUNT 1 DRY 30.0 WET 24.0 DEPTH 4947 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.722 | 35.332 | 22.073 | 0.000 |
| 10 | 29.720 | 35.332 | 22.073 | 0.057 |
| 20 | 29.693 | 35.333 | 22.083 | 0.115 |
| 30 | 29.651 | 35.333 | 22.097 | 0.172 |
| 40 | 29.643 | 35.335 | 22.102 | 0.230 |
| 50 | 29.638 | 35.338 | 22.105 | 0.287 |
| 60 | 29.631 | 35.340 | 22.109 | 0.344 |
| 70 | 29.615 | 35.342 | 22.116 | 0.402 |
| 80 | 29.486 | 35.351 | 22.167 | 0.459 |
| 90 | 29.320 | 35.363 | 22.231 | 0.515 |
| 100 | 29.047 | 35.364 | 22.324 | 0.571 |
| 110 | 28.716 | 35.411 | 22.470 | 0.627 |
| 120 | 28.278 | 35.487 | 22.672 | 0.680 |
| 130 | 26.947 | 35.664 | 23.237 | 0.729 |
| 140 | 26.510 | 35.650 | 23.365 | 0.775 |
| 150 | 26.031 | 35.712 | 23.563 | 0.820 |
| 160 | 24.361 | 35.779 | 24.125 | 0.861 |
| 170 | 23.614 | 35.773 | 24.343 | 0.899 |
| 180 | 20.446 | 35.639 | 25.132 | 0.932 |
| 190 | 16.555 | 35.281 | 25.836 | 0.958 |
| 200 | 15.090 | 35.133 | 26.056 | 0.979 |
| 250 | 12.152 | 34.874 | 26.463 | 1.068 |
| 300 | 10.812 | 34.761 | 26.624 | 1.146 |
| 350 | 10.031 | 34.700 | 26.713 | 1.218 |
| 400 | 9.622 | 34.678 | 26.765 | 1.287 |
| 450 | 9.069 | 34.646 | 26.830 | 1.354 |
| 500 | 8.426 | 34.622 | 26.913 | 1.417 |
| 550 | 7.281 | 34.564 | 27.036 | 1.475 |
| 600 | 6.658 | 34.533 | 27.098 | 1.529 |
| 650 | 6.444 | 34.532 | 27.126 | 1.581 |
| 700 | 6.172 | 34.527 | 27.157 | 1.632 |
| 750 | 5.869 | 34.525 | 27.194 | 1.681 |
| 800 | 5.492 | 34.523 | 27.239 | 1.728 |
| 900 | 4.970 | 34.527 | 27.304 | 1.819 |
| 1000 | 4.532 | 34.536 | 27.360 | 1.903 |
| 1003 | 4.530 | 34.537 | 27.361 | 1.905 |

CAST EP5-93-DI -022 DATE 12 NOV 93 TIME 0605 GMT

LAT 03 00.0S LONG 170 00.1W

CAST EP5-93-DI -022 DATE 12 NOV 93 TIME 0605 GMT
LAT 03 00.0S LONG 170 00.1W WEATHER 1 SEA STATE 4
BAROMETER 07 WIND DIR 060 T SPD 17 KT VISIBILITY 7
CLOUD 6 AMOUNT 7 DRY 29.0 WET 24.8 DEPTH 5077 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.692 | 35.359 | 22.103 | 0.000 |
| 10 | 29.690 | 35.359 | 22.104 | 0.057 |
| 20 | 29.691 | 35.362 | 22.105 | 0.114 |
| 30 | 29.689 | 35.364 | 22.108 | 0.172 |
| 40 | 29.677 | 35.364 | 22.112 | 0.229 |
| 50 | 29.682 | 35.367 | 22.112 | 0.286 |
| 60 | 29.676 | 35.368 | 22.115 | 0.343 |
| 70 | 29.670 | 35.370 | 22.118 | 0.401 |
| 80 | 29.639 | 35.366 | 22.126 | 0.458 |
| 90 | 29.610 | 35.362 | 22.132 | 0.515 |
| 100 | 29.339 | 35.322 | 22.194 | 0.572 |
| 110 | 29.098 | 35.335 | 22.285 | 0.629 |
| 120 | 28.214 | 35.532 | 22.727 | 0.683 |
| 130 | 26.911 | 35.691 | 23.269 | 0.733 |
| 140 | 25.523 | 35.719 | 23.726 | 0.778 |
| 150 | 24.817 | 35.749 | 23.965 | 0.819 |
| 160 | 23.619 | 35.740 | 24.316 | 0.857 |
| 170 | 22.123 | 35.707 | 24.722 | 0.892 |
| 180 | 21.274 | 35.667 | 24.928 | 0.924 |
| 190 | 18.967 | 35.502 | 25.414 | 0.953 |
| 200 | 17.099 | 35.346 | 25.758 | 0.977 |
| 250 | 11.852 | 34.862 | 26.511 | 1.068 |
| 300 | 10.221 | 34.728 | 26.702 | 1.142 |
| 350 | 9.709 | 34.688 | 26.758 | 1.211 |
| 400 | 9.393 | 34.669 | 26.796 | 1.278 |
| 450 | 9.043 | 34.652 | 26.839 | 1.343 |
| 500 | 8.635 | 34.638 | 26.893 | 1.407 |
| 550 | 8.129 | 34.613 | 26.951 | 1.468 |
| 600 | 7.463 | 34.585 | 27.026 | 1.527 |
| 650 | 6.824 | 34.562 | 27.098 | 1.581 |
| 700 | 6.395 | 34.547 | 27.144 | 1.633 |
| 750 | 5.826 | 34.527 | 27.201 | 1.683 |
| 800 | 5.422 | 34.530 | 27.253 | 1.730 |
| 900 | 4.772 | 34.529 | 27.328 | 1.818 |
| 1000 | 4.414 | 34.542 | 27.378 | 1.900 |
| 1004 | 4.403 | 34.542 | 27.380 | 1.904 |

CAST EP5-93-DI -023 DATE 12 NOV 93 TIME 1119 GMT

LAT 04 00.1S LONG 169 59.8W

CAST EP5-93-DI -023 DATE 12 NOV 93 TIME 1119 GMT
LAT 04 00.1S LONG 169 59.8W WEATHER 1 SEA STATE 4
BAROMETER 85 WIND DIR 075 T SPD 17 KT VISIBILITY 7
CLOUD 8 AMOUNT 6 DRY 28.9 WET 23.9 DEPTH 5634 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.676 | 35.317 | 22.077 | 0.000 |
| 10 | 29.673 | 35.317 | 22.077 | 0.057 |
| 20 | 29.680 | 35.318 | 22.076 | 0.115 |
| 30 | 29.679 | 35.321 | 22.079 | 0.172 |
| 40 | 29.678 | 35.323 | 22.081 | 0.230 |
| 50 | 29.678 | 35.326 | 22.083 | 0.287 |
| 60 | 29.677 | 35.329 | 22.085 | 0.345 |
| 70 | 29.676 | 35.332 | 22.088 | 0.403 |
| 80 | 29.451 | 35.329 | 22.162 | 0.460 |
| 90 | 29.205 | 35.370 | 22.275 | 0.517 |
| 100 | 29.035 | 35.442 | 22.386 | 0.572 |
| 110 | 28.731 | 35.436 | 22.484 | 0.626 |
| 120 | 28.267 | 35.529 | 22.707 | 0.679 |
| 130 | 27.709 | 35.725 | 23.037 | 0.730 |
| 140 | 26.568 | 35.844 | 23.493 | 0.776 |
| 150 | 25.272 | 36.045 | 24.050 | 0.818 |
| 160 | 23.517 | 36.104 | 24.622 | 0.854 |
| 170 | 21.721 | 35.915 | 24.993 | 0.886 |
| 180 | 20.133 | 35.743 | 25.295 | 0.915 |
| 190 | 17.729 | 35.437 | 25.675 | 0.941 |
| 200 | 14.668 | 35.110 | 26.130 | 0.962 |
| 250 | 12.488 | 34.916 | 26.430 | 1.053 |
| 300 | 10.491 | 34.741 | 26.665 | 1.128 |
| 350 | 9.911 | 34.696 | 26.730 | 1.198 |
| 400 | 9.561 | 34.677 | 26.774 | 1.266 |
| 450 | 9.071 | 34.648 | 26.832 | 1.332 |
| 500 | 8.491 | 34.623 | 26.903 | 1.395 |
| 550 | 8.115 | 34.608 | 26.949 | 1.456 |
| 600 | 7.687 | 34.588 | 26.997 | 1.516 |
| 650 | 6.943 | 34.563 | 27.083 | 1.572 |
| 700 | 6.348 | 34.535 | 27.141 | 1.624 |
| 750 | 5.856 | 34.523 | 27.194 | 1.674 |
| 800 | 5.438 | 34.514 | 27.239 | 1.722 |
| 900 | 4.860 | 34.525 | 27.315 | 1.810 |
| 1000 | 4.435 | 34.530 | 27.366 | 1.894 |
| 1004 | 4.426 | 34.530 | 27.367 | 1.897 |

CAST EP5-93-DI -024 DATE 13 NOV 93 TIME 0639 GMT

LAT 05 01.1S LONG 170 00.1W

CAST EP5-93-DI -024 DATE 13 NOV 93 TIME 0639 GMT
LAT 05 01.1S LONG 170 00.1W WEATHER 1 SEA STATE 3
BAROMETER 08 WIND DIR 070 T SPD 15 KT VISIBILITY 7
CLOUD 8 AMOUNT 4 DRY 29.5 WET 25.1 DEPTH 5374 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.786 | 35.378 | 22.085 | 0.000 |
| 10 | 29.783 | 35.378 | 22.086 | 0.057 |
| 20 | 29.756 | 35.379 | 22.096 | 0.115 |
| 30 | 29.662 | 35.375 | 22.125 | 0.172 |
| 40 | 29.651 | 35.376 | 22.129 | 0.229 |
| 50 | 29.646 | 35.377 | 22.132 | 0.286 |
| 60 | 29.641 | 35.378 | 22.135 | 0.343 |
| 70 | 29.637 | 35.381 | 22.138 | 0.400 |
| 80 | 29.323 | 35.378 | 22.242 | 0.457 |
| 90 | 28.915 | 35.350 | 22.358 | 0.513 |
| 100 | 28.739 | 35.397 | 22.452 | 0.568 |
| 110 | 28.347 | 35.448 | 22.620 | 0.621 |
| 120 | 27.736 | 35.626 | 22.953 | 0.673 |
| 130 | 26.675 | 35.736 | 23.378 | 0.720 |
| 140 | 25.793 | 35.860 | 23.749 | 0.764 |
| 150 | 23.902 | 36.102 | 24.507 | 0.802 |
| 160 | 22.650 | 36.076 | 24.852 | 0.836 |
| 170 | 20.843 | 35.858 | 25.191 | 0.866 |
| 180 | 19.852 | 35.736 | 25.364 | 0.893 |
| 190 | 18.474 | 35.567 | 25.590 | 0.919 |
| 200 | 16.667 | 35.348 | 25.861 | 0.942 |
| 250 | 12.309 | 34.917 | 26.466 | 1.037 |
| 300 | 10.646 | 34.767 | 26.658 | 1.112 |
| 350 | 9.734 | 34.697 | 26.761 | 1.182 |
| 400 | 9.246 | 34.667 | 26.818 | 1.249 |
| 450 | 8.994 | 34.653 | 26.848 | 1.314 |
| 500 | 8.775 | 34.647 | 26.878 | 1.377 |
| 550 | 8.406 | 34.629 | 26.921 | 1.440 |
| 600 | 7.997 | 34.611 | 26.969 | 1.500 |
| 650 | 7.482 | 34.589 | 27.027 | 1.559 |
| 700 | 6.750 | 34.556 | 27.103 | 1.614 |
| 750 | 6.115 | 34.538 | 27.173 | 1.665 |
| 800 | 5.635 | 34.529 | 27.226 | 1.714 |
| 900 | 4.956 | 34.529 | 27.307 | 1.804 |
| 1000 | 4.433 | 34.536 | 27.371 | 1.887 |
| 1004 | 4.393 | 34.537 | 27.376 | 1.890 |

CAST EP5-93-DI -025 DATE 14 NOV 93 TIME 1059 GMT

LAT 08 00.7S LONG 170 02.2W

CAST EP5-93-DI -025 DATE 14 NOV 93 TIME 1059 GMT
LAT 08 00.7S LONG 170 02.2W WEATHER 1 SEA STATE 1
BAROMETER 10 WIND DIR 060 T SPD 07 KT VISIBILITY 9
CLOUD 8 AMOUNT 1 DRY 29.0 WET 25.0 DEPTH 5350 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.777 | 35.017 | 21.818 | 0.000 |
| 10 | 29.774 | 35.017 | 21.818 | 0.060 |
| 20 | 29.690 | 35.022 | 21.850 | 0.120 |
| 30 | 29.617 | 35.015 | 21.870 | 0.179 |
| 40 | 29.613 | 35.021 | 21.876 | 0.239 |
| 50 | 29.627 | 35.036 | 21.882 | 0.298 |
| 60 | 29.625 | 35.058 | 21.900 | 0.358 |
| 70 | 29.609 | 35.122 | 21.953 | 0.417 |
| 80 | 29.561 | 35.174 | 22.008 | 0.476 |
| 90 | 29.306 | 35.298 | 22.187 | 0.533 |
| 100 | 28.723 | 35.486 | 22.524 | 0.589 |
| 110 | 28.084 | 35.755 | 22.937 | 0.640 |
| 120 | 27.585 | 35.847 | 23.169 | 0.689 |
| 130 | 27.020 | 36.020 | 23.482 | 0.735 |
| 140 | 26.332 | 36.220 | 23.852 | 0.778 |
| 150 | 25.668 | 36.261 | 24.090 | 0.817 |
| 160 | 24.903 | 36.265 | 24.329 | 0.855 |
| 170 | 24.026 | 36.234 | 24.570 | 0.891 |
| 180 | 22.730 | 36.099 | 24.847 | 0.923 |
| 190 | 21.924 | 35.987 | 24.991 | 0.954 |
| 200 | 21.587 | 35.951 | 25.057 | 0.985 |
| 250 | 15.877 | 35.231 | 25.955 | 1.114 |
| 300 | 12.821 | 34.926 | 26.372 | 1.209 |
| 350 | 10.188 | 34.716 | 26.698 | 1.287 |
| 400 | 8.957 | 34.633 | 26.838 | 1.354 |
| 450 | 8.130 | 34.583 | 26.927 | 1.416 |
| 500 | 7.654 | 34.557 | 26.977 | 1.475 |
| 550 | 7.256 | 34.539 | 27.020 | 1.532 |
| 600 | 6.730 | 34.519 | 27.077 | 1.587 |
| 650 | 6.238 | 34.506 | 27.132 | 1.639 |
| 700 | 5.843 | 34.514 | 27.189 | 1.689 |
| 750 | 5.546 | 34.516 | 27.227 | 1.737 |
| 800 | 5.362 | 34.515 | 27.248 | 1.783 |
| 900 | 4.929 | 34.517 | 27.301 | 1.872 |
| 1000 | 4.487 | 34.523 | 27.355 | 1.957 |
| 1002 | 4.475 | 34.524 | 27.357 | 1.959 |

CAST EP5-93-DI -001 LAT 07 55.6N LONG 154 59.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 7. | 29.203 | 34.015 | 0.00 | 29.201 | 21.260 |
| 12. | 29.202 | 34.013 | 0.00 | 29.199 | 21.259 |
| 130. | 13.523 | 34.618 | 0.00 | 13.505 | 25.995 |
| 151. | 11.934 | 34.636 | 0.00 | 11.914 | 26.323 |
| 300. | 9.581 | 34.670 | 0.00 | 9.547 | 26.771 |
| 498. | 8.177 | 34.607 | 0.00 | 8.125 | 26.946 |
| 598. | 7.096 | 34.563 | 0.00 | 7.038 | 27.070 |
| 698. | 6.190 | 34.549 | 0.00 | 6.127 | 27.180 |
| 796. | 5.540 | 34.546 | 0.00 | 5.472 | 27.260 |
| 898. | 4.993 | 34.550 | 0.00 | 4.919 | 27.328 |
| 997. | 4.577 | 34.558 | 0.00 | 4.497 | 27.382 |
| 997. | 4.572 | 34.560 | 0.00 | 4.492 | 27.384 |

CAST EP5-93-DI -002 LAT 05 00.9N LONG 154 56.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 6. | 29.277 | 34.029 | 0.00 | 29.275 | 21.246 |
| 11. | 29.288 | 34.050 | 0.00 | 29.285 | 21.258 |
| 130. | 20.165 | 34.786 | 0.00 | 20.141 | 24.563 |
| 150. | 17.160 | 34.704 | 0.00 | 17.135 | 25.256 |
| 300. | 9.662 | 34.666 | 0.00 | 9.628 | 26.755 |
| 499. | 8.130 | 34.610 | 0.00 | 8.078 | 26.956 |
| 598. | 7.039 | 34.570 | 0.00 | 6.982 | 27.083 |
| 698. | 6.115 | 34.550 | 0.00 | 6.052 | 27.191 |
| 798. | 5.421 | 34.545 | 0.00 | 5.353 | 27.273 |
| 897. | 4.866 | 34.551 | 0.00 | 4.793 | 27.343 |
| 995. | 4.426 | 34.560 | 0.00 | 4.347 | 27.400 |
| 997. | 4.426 | 34.559 | 0.00 | 4.347 | 27.399 |

CAST EP5-93-DI -003 LAT 04 00.4N LONG 155 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 8. | 29.288 | 34.080 | 0.00 | 29.286 | 21.280 |
| 12. | 29.297 | 34.101 | 0.00 | 29.294 | 21.293 |
| 131. | 16.513 | 34.699 | 0.00 | 16.492 | 25.403 |
| 151. | 14.211 | 34.652 | 0.00 | 14.189 | 25.879 |
| 300. | 11.142 | 34.773 | 0.00 | 11.105 | 26.580 |
| 499. | 8.723 | 34.634 | 0.00 | 8.669 | 26.884 |
| 599. | 7.537 | 34.587 | 0.00 | 7.477 | 27.026 |
| 698. | 6.137 | 34.549 | 0.00 | 6.074 | 27.187 |
| 797. | 5.464 | 34.543 | 0.00 | 5.396 | 27.266 |
| 898. | 4.845 | 34.547 | 0.00 | 4.772 | 27.343 |
| 1003. | 4.391 | 34.556 | 0.00 | 4.312 | 27.400 |
| 1000. | 4.404 | 34.558 | 0.00 | 4.325 | 27.400 |

CAST EP5-93-DI -004 LAT 02 59.9N LONG 154 59.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 8. | 28.731 | 34.816 | 0.00 | 28.729 | 22.019 |
| 12. | 28.736 | 34.816 | 0.00 | 28.733 | 22.017 |
| 134. | 20.537 | 34.802 | 0.00 | 20.512 | 24.476 |
| 151. | 14.439 | 34.699 | 0.00 | 14.417 | 25.867 |
| 299. | 11.699 | 34.819 | 0.00 | 11.661 | 26.513 |
| 499. | 8.610 | 34.630 | 0.00 | 8.557 | 26.899 |
| 598. | 7.671 | 34.602 | 0.00 | 7.611 | 27.018 |
| 698. | 6.510 | 34.548 | 0.00 | 6.445 | 27.138 |
| 798. | 5.516 | 34.552 | 0.00 | 5.447 | 27.267 |
| 896. | 4.866 | 34.557 | 0.00 | 4.793 | 27.348 |
| 997. | 4.412 | 34.560 | 0.00 | 4.333 | 27.401 |

CAST EP5-93-DI -005 LAT 02 00.3N LONG 155 02.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 10. | 28.110 | 34.971 | 0.00 | 28.108 | 22.340 |
| 12. | 27.920 | 34.966 | 0.00 | 27.917 | 22.398 |
| 86. | 27.405 | 35.068 | 0.00 | 27.385 | 22.647 |
| 151. | 18.212 | 34.760 | 0.00 | 18.186 | 25.043 |
| 299. | 11.637 | 34.821 | 0.00 | 11.599 | 26.526 |
| 499. | 8.590 | 34.640 | 0.00 | 8.537 | 26.909 |
| 599. | 7.591 | 34.608 | 0.00 | 7.531 | 27.035 |
| 698. | 6.895 | 34.574 | 0.00 | 6.828 | 27.107 |
| 798. | 5.795 | 34.546 | 0.00 | 5.725 | 27.229 |
| 897. | 4.979 | 34.547 | 0.00 | 4.905 | 27.327 |
| 999. | 4.475 | 34.560 | 0.00 | 4.396 | 27.394 |
| 999. | 4.478 | 34.560 | 0.00 | 4.399 | 27.394 |

CAST EP5-93-DI -006 LAT 01 00.0N LONG 155 00.6W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 8. | 27.641 | 35.147 | 0.00 | 27.639 | 22.625 |
| 8. | 27.641 | 35.146 | 0.00 | 27.639 | 22.624 |
| 12. | 27.338 | 35.139 | 0.00 | 27.335 | 22.717 |
| 299. | 12.096 | 34.864 | 0.00 | 12.057 | 26.473 |
| 499. | 8.424 | 34.630 | 0.00 | 8.371 | 26.927 |
| 598. | 7.211 | 34.592 | 0.00 | 7.153 | 27.076 |
| 697. | 6.456 | 34.567 | 0.00 | 6.392 | 27.160 |
| 797. | 5.856 | 34.548 | 0.00 | 5.786 | 27.223 |
| 897. | 5.164 | 34.555 | 0.00 | 5.089 | 27.312 |
| 984. | 4.591 | 34.558 | 0.00 | 4.512 | 27.380 |
| 984. | 4.591 | 34.553 | 0.00 | 4.512 | 27.376 |

CAST EP5-93-DI -007 LAT 00 00.8N LONG 155 01.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 9. | 27.501 | 35.165 | 0.00 | 27.499 | 22.683 |
| 12. | 27.495 | 35.165 | 0.00 | 27.492 | 22.686 |
| 104. | 24.115 | 35.058 | 0.00 | 24.093 | 23.660 |
| 151. | 18.830 | 35.196 | 0.00 | 18.803 | 25.222 |
| 299. | 12.074 | 34.853 | 0.00 | 12.035 | 26.469 |
| 498. | 8.521 | 34.642 | 0.00 | 8.468 | 26.922 |
| 598. | 7.114 | 34.596 | 0.00 | 7.056 | 27.093 |
| 698. | 6.499 | 34.564 | 0.00 | 6.434 | 27.152 |
| 798. | 5.773 | 34.554 | 0.00 | 5.703 | 27.238 |
| 897. | 4.995 | 34.547 | 0.00 | 4.921 | 27.325 |
| 997. | 4.628 | 34.556 | 0.00 | 4.548 | 27.374 |
| 999. | 4.630 | 34.553 | 0.00 | 4.550 | 27.372 |

CAST EP5-93-DI -008 LAT 00 59.7S LONG 154 59.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 9. | 27.723 | 35.196 | 0.00 | 27.721 | 22.635 |
| 12. | 27.721 | 35.198 | 0.00 | 27.718 | 22.638 |
| 122. | 22.564 | 35.631 | 0.00 | 22.539 | 24.546 |
| 151. | 20.069 | 35.577 | 0.00 | 20.041 | 25.193 |
| 300. | 11.826 | 34.839 | 0.00 | 11.787 | 26.505 |
| 500. | 8.447 | 34.635 | 0.00 | 8.394 | 26.928 |
| 599. | 7.648 | 34.608 | 0.00 | 7.588 | 27.027 |
| 698. | 6.569 | 34.563 | 0.00 | 6.504 | 27.142 |
| 798. | 5.660 | 34.546 | 0.00 | 5.591 | 27.245 |
| 897. | 4.915 | 34.544 | 0.00 | 4.841 | 27.332 |
| 1003. | 4.576 | 34.551 | 0.00 | 4.496 | 27.377 |
| 1003. | 4.576 | 34.552 | 0.00 | 4.496 | 27.377 |

CAST EP5-93-DI -009 LAT 02 00.0S LONG 154 56.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 9. | 27.938 | 35.306 | 0.00 | 27.936 | 22.648 |
| 12. | 27.930 | 35.299 | 0.00 | 27.927 | 22.646 |
| 131. | 26.122 | 35.599 | 0.00 | 26.093 | 23.458 |
| 152. | 20.515 | 35.685 | 0.00 | 20.486 | 25.156 |
| 293. | 11.260 | 34.817 | 0.00 | 11.223 | 26.593 |
| 499. | 8.156 | 34.637 | 0.00 | 8.104 | 26.973 |
| 599. | 7.273 | 34.589 | 0.00 | 7.214 | 27.065 |
| 699. | 6.451 | 34.563 | 0.00 | 6.387 | 27.158 |
| 798. | 5.547 | 34.551 | 0.00 | 5.478 | 27.263 |
| 896. | 4.944 | 34.545 | 0.00 | 4.870 | 27.330 |
| 997. | 4.422 | 34.552 | 0.00 | 4.343 | 27.394 |
| 997. | 4.422 | 34.551 | 0.00 | 4.343 | 27.393 |

CAST EP5-93-DI -010 LAT 03 00.2S LONG 155 00.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 8. | 27.704 | 35.140 | 0.00 | 27.702 | 22.599 |
| 12. | 27.704 | 35.141 | 0.00 | 27.701 | 22.600 |
| 131. | 24.048 | 35.836 | 0.00 | 24.020 | 24.270 |
| 151. | 22.151 | 35.854 | 0.00 | 22.121 | 24.834 |
| 301. | 11.540 | 34.834 | 0.00 | 11.502 | 26.555 |
| 499. | 8.236 | 34.639 | 0.00 | 8.184 | 26.963 |
| 599. | 7.037 | 34.584 | 0.00 | 6.980 | 27.094 |
| 698. | 6.060 | 34.555 | 0.00 | 5.998 | 27.202 |
| 797. | 5.321 | 34.543 | 0.00 | 5.254 | 27.283 |
| 897. | 4.741 | 34.543 | 0.00 | 4.669 | 27.351 |
| 997. | 4.411 | 34.551 | 0.00 | 4.332 | 27.394 |
| 997. | 4.411 | 34.550 | 0.00 | 4.332 | 27.393 |

CAST EP5-93-DI -011 LAT 03 56.9S LONG 155 00.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 8. | 28.215 | 35.416 | 0.00 | 28.213 | 22.640 |
| 12. | 28.223 | 35.415 | 0.00 | 28.220 | 22.637 |
| 131. | 26.290 | 35.674 | 0.00 | 26.260 | 23.462 |
| 150. | 23.613 | 36.018 | 0.00 | 23.582 | 24.537 |
| 300. | 11.012 | 34.811 | 0.00 | 10.975 | 26.633 |
| 498. | 7.688 | 34.608 | 0.00 | 7.638 | 27.019 |
| 599. | 6.900 | 34.574 | 0.00 | 6.843 | 27.105 |
| 699. | 6.091 | 34.551 | 0.00 | 6.028 | 27.194 |
| 797. | 5.546 | 34.540 | 0.00 | 5.477 | 27.254 |
| 897. | 5.100 | 34.540 | 0.00 | 5.025 | 27.307 |
| 997. | 4.686 | 34.535 | 0.00 | 4.605 | 27.352 |
| 997. | 4.685 | 34.536 | 0.00 | 4.604 | 27.353 |

CAST EP5-93-DI -012 LAT 04 59.3S LONG 154 58.9W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 9. | 28.548 | 35.510 | 0.00 | 28.546 | 22.601 |
| 11. | 28.539 | 35.509 | 0.00 | 28.536 | 22.603 |
| 106. | 28.031 | 35.484 | 0.00 | 28.006 | 22.759 |
| 150. | 22.070 | 35.981 | 0.00 | 22.040 | 24.953 |
| 300. | 10.670 | 34.789 | 0.00 | 10.634 | 26.678 |
| 500. | 7.955 | 34.623 | 0.00 | 7.904 | 26.992 |
| 599. | 7.182 | 34.591 | 0.00 | 7.124 | 27.079 |
| 698. | 6.391 | 34.560 | 0.00 | 6.327 | 27.163 |
| 798. | 5.538 | 34.539 | 0.00 | 5.469 | 27.254 |
| 896. | 4.990 | 34.536 | 0.00 | 4.916 | 27.317 |
| 1001. | 4.440 | 34.548 | 0.00 | 4.361 | 27.389 |
| 1002. | 4.440 | 34.547 | 0.00 | 4.361 | 27.388 |

CAST EP5-93-DI -013 LAT 08 15.2S LONG 155 00.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 8. | 29.262 | 35.322 | 0.00 | 29.260 | 22.221 |
| 11. | 29.272 | 35.334 | 0.00 | 29.269 | 22.227 |
| 88. | 27.636 | 35.498 | 0.00 | 27.615 | 22.897 |
| 151. | 25.125 | 36.420 | 0.00 | 25.092 | 24.388 |
| 298. | 12.683 | 34.929 | 0.00 | 12.642 | 26.410 |
| 499. | 8.306 | 34.636 | 0.00 | 8.254 | 26.950 |
| 598. | 7.274 | 34.579 | 0.00 | 7.216 | 27.057 |
| 696. | 6.435 | 34.549 | 0.00 | 6.371 | 27.149 |
| 797. | 5.691 | 34.535 | 0.00 | 5.621 | 27.233 |
| 897. | 5.070 | 34.531 | 0.00 | 4.995 | 27.304 |
| 996. | 4.535 | 34.542 | 0.00 | 4.456 | 27.373 |
| 996. | 4.535 | 34.536 | 0.00 | 4.456 | 27.369 |

CAST EP5-93-DI -014 LAT 07 55.2N LONG 170 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 11. | 29.424 | 33.925 | 0.00 | 29.421 | 21.118 |
| 11. | 29.424 | 33.927 | 0.00 | 29.421 | 21.120 |
| 130. | 20.457 | 33.924 | 0.00 | 20.433 | 23.829 |
| 152. | 16.058 | 34.718 | 0.00 | 16.034 | 25.524 |
| 300. | 9.775 | 34.663 | 0.00 | 9.741 | 26.733 |
| 499. | 7.924 | 34.586 | 0.00 | 7.873 | 26.968 |
| 597. | 7.185 | 34.562 | 0.00 | 7.127 | 27.056 |
| 697. | 6.275 | 34.541 | 0.00 | 6.212 | 27.163 |
| 800. | 5.525 | 34.542 | 0.00 | 5.456 | 27.259 |
| 897. | 4.992 | 34.551 | 0.00 | 4.918 | 27.329 |

CAST EP5-93-DI -015 LAT 04 57.4N LONG 169 57.6W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 8. | 29.769 | 33.691 | 0.00 | 29.767 | 20.827 |
| 13. | 29.780 | 33.691 | 0.00 | 29.777 | 20.823 |
| 92. | 27.441 | 34.577 | 0.00 | 27.420 | 22.267 |
| 150. | 19.803 | 34.759 | 0.00 | 19.775 | 24.638 |
| 299. | 9.438 | 34.637 | 0.00 | 9.405 | 26.769 |
| 498. | 8.005 | 34.603 | 0.00 | 7.954 | 26.970 |
| 598. | 7.343 | 34.584 | 0.00 | 7.284 | 27.051 |
| 698. | 6.552 | 34.557 | 0.00 | 6.487 | 27.140 |
| 797. | 5.778 | 34.545 | 0.00 | 5.708 | 27.230 |
| 897. | 5.177 | 34.546 | 0.00 | 5.102 | 27.304 |
| 1001. | 4.728 | 34.555 | 0.00 | 4.647 | 27.362 |
| 1001. | 4.726 | 34.555 | 0.00 | 4.645 | 27.363 |

CAST EP5-93-DI -016 LAT 04 00.3N LONG 170 00.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 10. | 29.446 | 34.021 | 0.00 | 29.444 | 21.183 |
| 13. | 29.446 | 34.022 | 0.00 | 29.443 | 21.184 |
| 116. | 26.345 | 34.908 | 0.00 | 26.319 | 22.866 |
| 150. | 19.909 | 34.755 | 0.00 | 19.881 | 24.607 |
| 299. | 10.126 | 34.690 | 0.00 | 10.091 | 26.694 |
| 499. | 8.364 | 34.610 | 0.00 | 8.311 | 26.920 |
| 599. | 7.374 | 34.582 | 0.00 | 7.315 | 27.046 |
| 697. | 6.265 | 34.557 | 0.00 | 6.202 | 27.177 |
| 798. | 5.638 | 34.546 | 0.00 | 5.569 | 27.248 |
| 895. | 5.203 | 34.547 | 0.00 | 5.128 | 27.301 |
| 995. | 4.780 | 34.553 | 0.00 | 4.699 | 27.355 |
| 999. | 4.774 | 34.552 | 0.00 | 4.692 | 27.355 |

CAST EP5-93-DI -017 LAT 02 59.9N LONG 170 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 9. | 29.481 | 34.137 | 0.00 | 29.479 | 21.258 |
| 11. | 29.486 | 34.134 | 0.00 | 29.483 | 21.255 |
| 131. | 24.594 | 34.728 | 0.00 | 24.566 | 23.269 |
| 151. | 21.354 | 34.750 | 0.00 | 21.325 | 24.216 |
| 301. | 10.647 | 34.745 | 0.00 | 10.611 | 26.647 |
| 499. | 8.541 | 34.626 | 0.00 | 8.488 | 26.906 |
| 598. | 7.574 | 34.589 | 0.00 | 7.514 | 27.023 |
| 698. | 6.357 | 34.564 | 0.00 | 6.293 | 27.170 |
| 798. | 5.686 | 34.548 | 0.00 | 5.616 | 27.244 |
| 897. | 5.063 | 34.549 | 0.00 | 4.988 | 27.319 |
| 996. | 4.626 | 34.555 | 0.00 | 4.546 | 27.373 |
| 997. | 4.627 | 34.555 | 0.00 | 4.547 | 27.374 |

CAST EP5-93-DI -018 LAT 01 56.7N LONG 170 02.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 10. | 29.343 | 34.500 | 0.00 | 29.341 | 21.577 |
| 12. | 29.344 | 34.501 | 0.00 | 29.341 | 21.578 |
| 86. | 27.645 | 34.987 | 0.00 | 27.625 | 22.509 |
| 151. | 17.935 | 34.738 | 0.00 | 17.909 | 25.095 |
| 300. | 11.154 | 34.791 | 0.00 | 11.117 | 26.592 |
| 499. | 8.468 | 34.628 | 0.00 | 8.415 | 26.919 |
| 599. | 7.404 | 34.592 | 0.00 | 7.345 | 27.049 |
| 695. | 6.685 | 34.563 | 0.00 | 6.620 | 27.127 |
| 797. | 5.890 | 34.547 | 0.00 | 5.819 | 27.217 |
| 897. | 5.175 | 34.546 | 0.00 | 5.100 | 27.304 |
| 1004. | 4.574 | 34.558 | 0.00 | 4.494 | 27.382 |
| 1003. | 4.575 | 34.555 | 0.00 | 4.495 | 27.380 |

CAST EP5-93-DI -019 LAT 00 00.2N LONG 170 00.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 9. | 28.388 | 35.137 | 0.00 | 28.386 | 22.373 |
| 12. | 28.381 | 35.136 | 0.00 | 28.378 | 22.375 |
| 96. | 28.078 | 35.351 | 0.00 | 28.055 | 22.643 |
| 151. | 20.550 | 35.232 | 0.00 | 20.522 | 24.801 |
| 299. | 11.236 | 34.793 | 0.00 | 11.199 | 26.579 |
| 498. | 7.726 | 34.594 | 0.00 | 7.676 | 27.003 |
| 599. | 7.006 | 34.577 | 0.00 | 6.949 | 27.093 |
| 698. | 6.298 | 34.556 | 0.00 | 6.234 | 27.172 |
| 799. | 5.776 | 34.547 | 0.00 | 5.706 | 27.232 |
| 897. | 5.305 | 34.542 | 0.00 | 5.229 | 27.286 |
| 998. | 4.857 | 34.548 | 0.00 | 4.775 | 27.342 |
| 999. | 4.849 | 34.553 | 0.00 | 4.767 | 27.348 |

CAST EP5-93-DI -020 LAT 00 59.7S LONG 170 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 9. | 28.597 | 35.227 | 0.00 | 28.595 | 22.371 |
| 11. | 28.587 | 35.228 | 0.00 | 28.584 | 22.376 |
| 87. | 28.434 | 35.219 | 0.00 | 28.413 | 22.425 |
| 151. | 22.092 | 35.349 | 0.00 | 22.062 | 24.467 |
| 397. | 9.730 | 34.719 | 0.00 | 9.684 | 26.786 |
| 498. | 7.489 | 34.589 | 0.00 | 7.440 | 27.033 |
| 597. | 7.097 | 34.579 | 0.00 | 7.039 | 27.082 |
| 697. | 6.349 | 34.562 | 0.00 | 6.285 | 27.170 |
| 798. | 5.889 | 34.551 | 0.00 | 5.818 | 27.221 |
| 897. | 5.454 | 34.543 | 0.00 | 5.377 | 27.268 |
| 997. | 4.675 | 34.549 | 0.00 | 4.594 | 27.364 |
| 997. | 4.672 | 34.556 | 0.00 | 4.591 | 27.370 |

CAST EP5-93-DI -021 LAT 02 11.5S LONG 170 01.5W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 9. | 29.741 | 35.418 | 0.00 | 29.739 | 22.131 |
| 13. | 29.737 | 35.415 | 0.00 | 29.734 | 22.131 |
| 86. | 29.463 | 35.420 | 0.00 | 29.442 | 22.233 |
| 152. | 26.133 | 35.763 | 0.00 | 26.099 | 23.580 |
| 300. | 10.861 | 34.808 | 0.00 | 10.824 | 26.658 |
| 498. | 8.503 | 34.655 | 0.00 | 8.450 | 26.935 |
| 599. | 6.706 | 34.560 | 0.00 | 6.650 | 27.120 |
| 698. | 6.193 | 34.551 | 0.00 | 6.130 | 27.182 |
| 798. | 5.535 | 34.540 | 0.00 | 5.466 | 27.256 |
| 898. | 5.002 | 34.542 | 0.00 | 4.928 | 27.321 |
| 999. | 4.608 | 34.551 | 0.00 | 4.528 | 27.373 |
| 999. | 4.608 | 34.549 | 0.00 | 4.528 | 27.372 |

CAST EP5-93-DI -022 LAT 03 00.0S LONG 170 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 10. | 29.669 | 35.431 | 0.00 | 29.667 | 22.166 |
| 13. | 29.672 | 35.431 | 0.00 | 29.669 | 22.164 |
| 114. | 28.196 | 35.592 | 0.00 | 28.169 | 22.787 |
| 151. | 24.252 | 35.801 | 0.00 | 24.220 | 24.184 |
| 297. | 10.238 | 34.764 | 0.00 | 10.203 | 26.733 |
| 499. | 8.661 | 34.660 | 0.00 | 8.607 | 26.914 |
| 598. | 7.406 | 34.601 | 0.00 | 7.347 | 27.056 |
| 698. | 6.457 | 34.566 | 0.00 | 6.393 | 27.159 |
| 797. | 5.461 | 34.545 | 0.00 | 5.393 | 27.269 |
| 897. | 4.828 | 34.541 | 0.00 | 4.755 | 27.340 |
| 999. | 4.483 | 34.553 | 0.00 | 4.404 | 27.388 |
| 998. | 4.489 | 34.550 | 0.00 | 4.410 | 27.385 |

CAST EP5-93-DI -023 LAT 04 00.1S LONG 169 59.8W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 11. | 29.669 | 35.397 | 0.00 | 29.666 | 22.140 |
| 12. | 29.678 | 35.400 | 0.00 | 29.675 | 22.139 |
| 131. | 27.656 | 35.781 | 0.00 | 27.625 | 23.106 |
| 151. | 25.234 | 36.092 | 0.00 | 25.201 | 24.107 |
| 299. | 10.423 | 34.777 | 0.00 | 10.387 | 26.711 |
| 499. | 8.476 | 34.649 | 0.00 | 8.423 | 26.934 |
| 598. | 7.484 | 34.600 | 0.00 | 7.425 | 27.044 |
| 698. | 6.310 | 34.555 | 0.00 | 6.246 | 27.170 |
| 797. | 5.479 | 34.530 | 0.00 | 5.411 | 27.254 |
| 896. | 4.928 | 34.539 | 0.00 | 4.854 | 27.327 |
| 998. | 4.508 | 34.543 | 0.00 | 4.429 | 27.378 |
| 998. | 4.508 | 34.542 | 0.00 | 4.429 | 27.376 |

CAST EP5-93-DI -024 LAT 05 01.1S LONG 170 00.1W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 10. | 29.743 | 35.427 | 0.00 | 29.741 | 22.137 |
| 12. | 29.749 | 35.429 | 0.00 | 29.746 | 22.137 |
| 90. | 29.175 | 35.418 | 0.00 | 29.153 | 22.329 |
| 149. | 24.213 | 36.112 | 0.00 | 24.181 | 24.432 |
| 299. | 10.471 | 34.777 | 0.00 | 10.435 | 26.703 |
| 499. | 8.755 | 34.664 | 0.00 | 8.701 | 26.903 |
| 598. | 7.934 | 34.619 | 0.00 | 7.873 | 26.994 |
| 698. | 6.660 | 34.565 | 0.00 | 6.594 | 27.132 |
| 797. | 5.657 | 34.537 | 0.00 | 5.588 | 27.238 |
| 896. | 5.014 | 34.538 | 0.00 | 4.940 | 27.316 |
| 999. | 4.463 | 34.546 | 0.00 | 4.384 | 27.385 |
| 998. | 4.465 | 34.543 | 0.00 | 4.386 | 27.382 |

CAST EP5-93-DI -025 LAT 08 00.7S LONG 170 02.2W

| PRES (DB) | TEMP (C) | SAL (PSU) | OXY (ML/L) | POT TEMP (C) | SIG-TH |
|---|---|---|---|---|---|
| 9. | 29.763 | 35.105 | 0.00 | 29.761 | 21.889 |
| 12. | 29.762 | 35.104 | 0.00 | 29.759 | 21.888 |
| 131. | 26.600 | 36.193 | 0.00 | 26.570 | 23.756 |
| 150. | 25.412 | 36.331 | 0.00 | 25.379 | 24.233 |
| 300. | 13.042 | 34.987 | 0.00 | 13.001 | 26.384 |
| 499. | 7.782 | 34.600 | 0.00 | 7.732 | 27.000 |
| 599. | 6.832 | 34.548 | 0.00 | 6.775 | 27.094 |
| 698. | 6.010 | 34.535 | 0.00 | 5.948 | 27.192 |
| 796. | 5.424 | 34.532 | 0.00 | 5.356 | 27.262 |
| 897. | 4.988 | 34.530 | 0.00 | 4.914 | 27.313 |
| 997. | 4.571 | 34.538 | 0.00 | 4.491 | 27.366 |

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