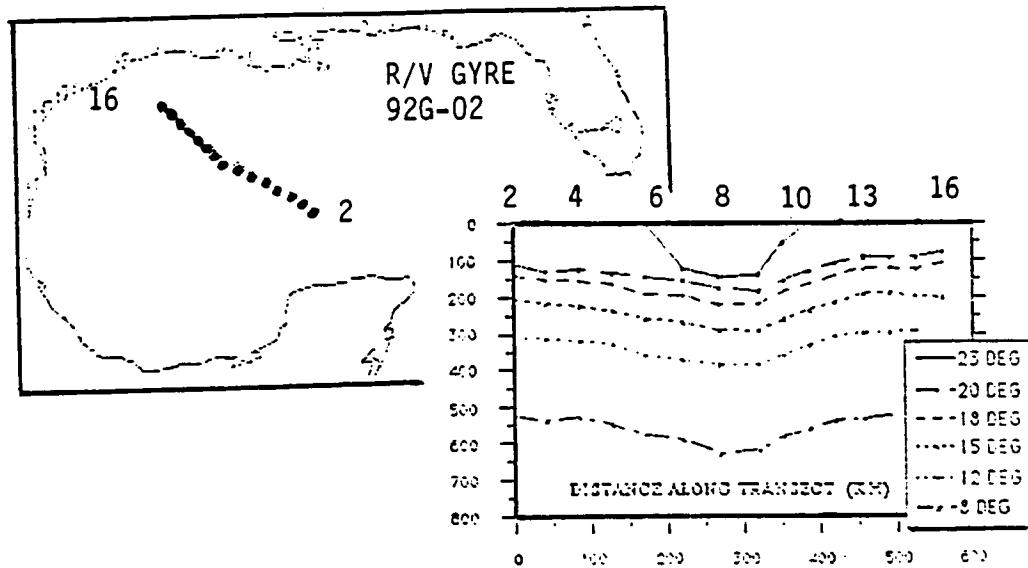
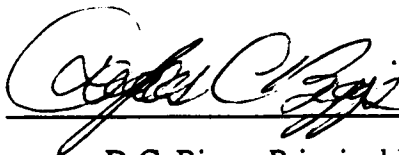


SHIP-OF-OPPORTUNITY HYDROGRAPHIC TRANSECT OF
WARM-CORE EDDY TRITON: 27-29 JANUARY 1992



Technical Report 92-01-T of the Department of Oceanography
of Texas A&M University, College Station, TX 77843

29 May 1992


D.C. Biggs, Principal Investigator
and Technical Editor



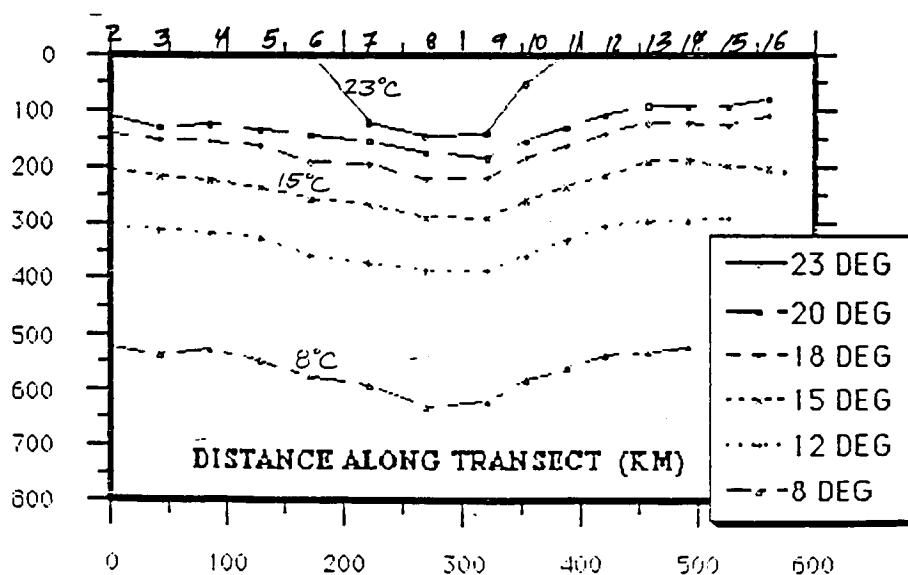
CONTENTS

| | |
|--|---------|
| SUMMARY OF PIGGY-BACK SCIENTIFIC PROGRAMS | 02 |
| RECORD OF POSITIONS AND STATIONS | 03 |
| MARINE WEATHER LOG | 04 |
| XBT DATA | 05 |
| Gulf Table: Isotherm Depths from postings to GULF.MEX, 28-29 Jan 92 | 06-09 |
| Depth of 20°C Isotherm: Summary data in GP format posted 4 Feb 92 | 10 |
| Raw Data: Stations 1 - 16 | 11-85 |
| CTD DATA | 86 |
| Summary Table: Depths of Isotherms; Surface Salinity and Temperature | 87 |
| Station 01: 1 m averaged data and T-S-Z plot | 88-96 |
| Station 02: 1 m averaged data and T-S-Z plot | 97-101 |
| Station 04: 1 m averaged data and T-S-Z plot | 102-109 |
| Station 06: 1 m averaged data and T-S-Z plot | 110-118 |
| Station 08: 1 m averaged data and T-S-Z plot | 119-127 |
| Station 10: 1 m averaged data and T-S-Z plot | 128-135 |
| Station 12: 1 m averaged data and T-S-Z plot | 136-144 |
| Station 14: 1 m averaged data and T-S-Z plot | 145-151 |
| GEOSTROPHIC TRANSPORT | 152-162 |
| UNDERWAY DATA: SUMMARY OF ADCP AND SURFACE T-S DATA | 163-171 |
| REMOTE SENSING DATA AND BUOY TRACKS | 172-177 |
| ACKNOWLEDGMENTS | 178 |

SUMMARY OF PIGGYBACK SCIENTIFIC PROGRAMS

From 27-29 January 1992, 3 TAMU technicians made a 16 XBT + 8 CTD transect of the central Gulf of Mexico, as R/V GYRE returned to Galveston from contract work off west Africa. They also ran GYRE's ADCP and thermosalinograph to collect data on near-surface currents, temperature, and salinity while underway. From ARGOS-tracked buoy trajectories and AVHRR imagery provided shortly before the cruise by colleagues in industry and at Stennis Space Center, we knew that a large warm-core eddy "Triton" which had separated in fall 1991 from the Loop Current was passing across the central Gulf, and that it was centered approximately 26N and 92W. Because we wanted to sample this eddy to continue/extend previous observations of rings in the central and western Gulf, we vectored R/V GYRE so that its homeward bound course from Grand Cayman Island to Galveston passed through this point.

The figure below presents the XBT temperature section through Eddy Triton. Although GYRE's cruise track apparently passed somewhat to the east of ring center, this figure makes it clear that ring diameter exceeded 200 km and that the region of warmest surface temperatures corresponded to the region of deepest depths for the 15C and 8C isotherms (from Station 6 to Station 11). At the periphery of this ring, surface water was both cooler and fresher than was found either inside or immediately outside Eddy Triton. Computations of dynamic topography and geostrophic velocity demonstrate that circulation about this feature was anticyclonic, that the interior stood some 20-25 cm higher than the surrounding oceanic water, and that the baroclinic component of transport in Eddy Triton was about 9 Sverdrups (0-800 db). Near-surface currents measured underway by ADCP generally agreed well with speeds of 20-40 cm sec⁻¹ predicted by the geostrophic method.



While GYRE was stopped to make CTD casts, surface water was pumped aboard for at sea extraction of naturally occurring radioisotopes. This geochemical survey work was carried out by a student of Professor P. Santschi (TAMUG), who also joined GYRE in Grand Cayman, in support of Santschi's NSF grant OCE90-12103. In addition, a box core was taken over the Sigsbee Abyssal Plain while GYRE was stopped on Station 6, and then frozen for later analysis as part of another NSF-sponsored research program (Professor J. Morse, PI for OCE91-15175).

RECORD OF POSITIONS AND STATIONS

R/V GYRE cruise 92G-02:

| <u>Date</u> | <u>GMT</u> | <u>Start Station Work</u> | <u>Finish Station Work</u> | <u>Station</u> | <u>Cast Depth</u> |
|-------------|-------------|---------------------------|----------------------------|----------------|-------------------|
| 01-26 | 0532 - 0619 | 21 30.3 86 00.1 | 21 31.2 86 00.1 | CTD 01 | 1056 m |
| | 0624 | 21 31.3 86 00.0 | | XBT 01 | |
| 01-27 | 1126 - 1153 | 24 15.0 89 27.9 | 24 15.1 89 28.2 | CTD 02 | * 484 m |
| | 1205 | 24 15.2 89 28.4 | | XBT 02 | |
| | 1454 | 24 29.6 89 46.8 | | XBT 03 | |
| | 1804 - 1842 | 24 45.1 90 06.2 | 24 45.4 90 06.0 | CTD 04 | 1001 m |
| | 1845 | 24 45.4 90 05.9 | | XBT 04 | |
| | 2146 | 25 00.1 90 26.2 | | XBT 05 | |
| 01-28 | 0040 - 0126 | 25 15.0 90 45.1 | 25 15.4 90 45.4 | CTD 06 | 1006 m |
| | 0131 | 25 15.5 90 45.5 | | XBT 06 | |
| | 0159 - 0411 | 25 15.0 90 45.1 | 25 15.0 90 45.7 | BoxCore | 3580 m |
| | 0811 | 25 30.2 91 10.6 | | XBT 07 | |
| | 1147 - 1233 | 25 44.9 91 34.8 | 25 44.8 91 34.6 | CTD 08 | 1002 m |
| | 1240 | 25 44.7 91 34.6 | | XBT 08 | |
| | 1628 | 26 00.0 92 00.1 | | XBT 09 | |
| | 1905 - 1956 | 26 15.2 92 11.8 | 26 15.6 92 11.6 | CTD 10 | 1002 m |
| | 2003 | 26 15.7 92 11.7 | | XBT 10 | |
| | 2229 | 26 31.1 92 24.3 | | XBT 11 | |
| 01-29 | 0034 - 0125 | 26 45.0 92 35.5 | 26 45.0 92 35.4 | CTD 12 | 1002 m |
| | 0131 | 26 45.0 92 35.4 | | XBT 12 | |
| | 0340 | 27 00.0 92 48.0 | | XBT 13 | |
| | 0555 - 0639 | 27 15.0 93 00.2 | 27 14.8 93 00.8 | CTD 14 | ** 851 m |
| | 0649 | 27 14.9 93 00.8 | | XBT 14 | |
| | 0851 | 27 30.1 93 12.5 | | XBT 15 | |
| | 1105 | 27 45.1 93 25.4 | | XBT 16 | |

* Operator error: water depth at Station 02 was deep enough to allow this cast to go to > 1000 m

** Water depth at Station 14 was 855 m

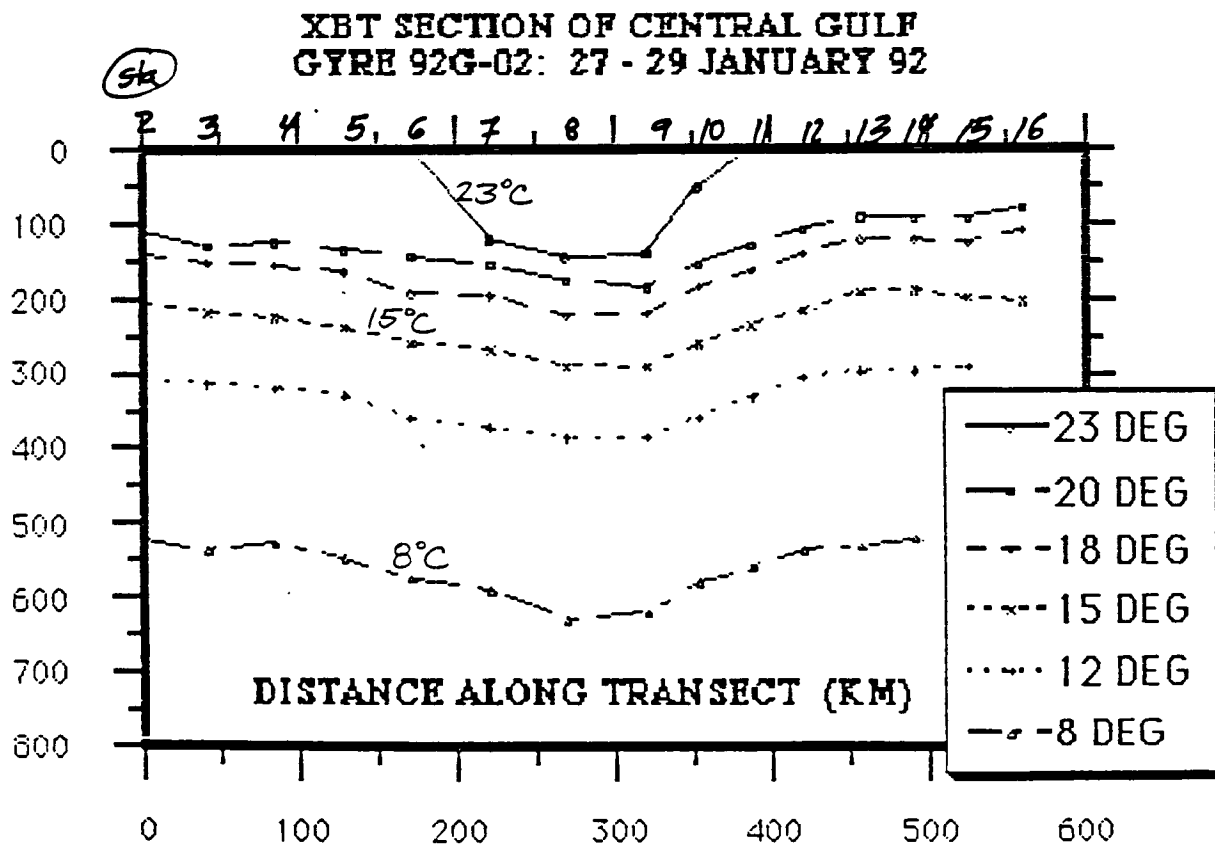
MARINE WEATHER LOG: CRUISE 92G-02

| NOAA FORM 72-58 (4-78) | | FROM GEORGETOWN GRAND CAYMAN TO GALLVESTON TEXAS | | | | | | | | | | U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION | | FORM APPROVED O.M.B. No. 41-R2734 | | | |
|---|------------|--|--------------------------|-----------------|----------------|------------------|------------------|------------------|-------------------|--------------|--------------|--|----------------------|-----------------------------------|--|--------------|--|
| MARINE COASTAL WEATHER LOG—SHIP STATION | | | | | | | | | | | | SHIP NAME | | RADIO CALL SIGN | | DATE | |
| | | | | | | | | | | | | Riv Gyre | | KJCL | | JANUARY 1992 | |
| (1) | (2) | (3) | (4) | (5) | (6) | | | (7) STATE OF SEA | | | (8) | (9) | (10) | (11) | | | |
| DATE | TIME (GMT) | POSITION | PRESENT WEATHER | VISIBILITY (MI) | WIND DIR (DEG) | WIND SPEED (KTS) | WAVE HEIGHT (FT) | SWELL DIR (DEG) | SWELL HEIGHT (FT) | SEA TEMP (C) | AIR TEMP (C) | PRESSURE (HG) | REMARKS (TIME, ETC.) | | | | |
| 24 | 2130 | 17°27'N, 81°50'W | PT. CLOUDY | 12 | N | 5 | .5 | N | 5 | | 80 | 1018 | | | | | |
| 25 | 0130 | 19°46'N, 82°23'W | PT. CLOUDY SEA RAIN | 12 | WNE | 22 | 1 | NNE | 2 | | 79 | 1020 | | | | | |
| 25 | 0530 | 20°03'N, 82°55'W | THUNDERSTORM CLOUDY | 6 | NE | 32 | 3 | N | 5 | | 75 | 1020 | | | | | |
| 25 | 0930 | 20°20'N, 83°14'W | PT. CLOUDY | 8 | NE | 34 | 3 | N | 6 | | 73 | 1020 | | | | | |
| 25 | 1330 | 20°47'N, 83°42'W | CLOUDY | 8 | NE | 28 | 3 | N | 4 | | 73 | 1022 | | | | | |
| 25 | 1730 | 20°00'N, 84°21'W | CLOUDY | 8 | ESE | 17 | 3 | NE | 4 | | 72 | 1023 | | | | | |
| 25 | 2130 | 21°07'N, 84°53'W | CLOUDY | 12 | NE | 15 | 2 | NE | 3 | | 72 | 1020 | | | | | |
| 26 | 0130 | 21°20'N, 85°27'W | CLOUDY | 8 | NE | 12 | 2 | NE | 3 | | 73 | 1022 | | | | | |
| 26 | 0530 | 21°25'N, 85°50'W | CLOUDY | 8 | NE | 12 | 2 | NE | 3 | | 74 | 1022 | | | | | |
| 26 | 0930 | 21°48'N, 86°22'W | CLOUDY | 8 | NE | 12 | 2 | NE | 3 | | 74 | 1021 | | | | | |
| 26 | 1330 | 22°13'N, 86°55'W | CLOUDY | 7 | WNE | 22 | 2 | NE | 3 | | 73 | 1021 | | | | | |
| 26 | 1730 | 22°37'N, 87°25'W | HAZE CLOUDY | 6 | ESE | 17 | 2 | NE | 3 | | 73 | 1022 | | | | | |
| 26 | 2130 | 23°00'N, 87°53'W | CLOUDY | 6 | NE | 16 | 2 | NE | 3 | | 73 | 1020 | | | | | |
| 27 | 0130 | 23°22'N, 88°20'W | PT. CLOUDY | 6 | ESE | 15 | 2 | NE | 2 | | 73 | 1021 | | | | | |
| 27 | 0530 | 23°43'N, 88°48'W | CLOUDY | 6 | E | 15 | 2 | NE | 3 | | 73 | 1021 | | | | | |
| 27 | 0930 | 24°05'N, 89°15'W | RAIN SHOWERS CLOUDY | 6 | E | 17 | 2 | NE | 3 | | 73 | 1020 | | | | | |
| 27 | 1330 | 24°22'N, 89°37'W | CLOUDY Slight Showers | 6 | E | 18 | 2 | ESE | 3 | | 73 | 1020 | | | | | |
| 27 | 1700 | 24°41'N, 90°01'W | RAIN SHOWER CLOUDY | 4 | ESE | 10 | 3 | E | 2 | | 72 | 1021 | | | | | |
| 27 | 2130 | 24°58'N, 90°23'W | RAIN SHOWER CLOUDY | 4 | ESE | 12 | 2 | E | 3 | | 71 | 1016 | | | | | |
| 28 | 0130 | 25°15'N, 90°45'W | CLOUDY RAIN | 5 | SW | 10 | 2 | SSE | 2 | | 68 | 1018 | | | | | |
| 28 | 0530 | 25°19'N, 90°54'W | CLOUDY RAIN | 6 | ESE | 10 | 2 | SE | 2 | | 69 | 1017 | | | | | |
| 28 | 0930 | 25°36'N, 91°21'W | RAIN SHOWERS CLOUDY | 4 | WNW | 8 | 1 | ~ | 2 | | 71 | 1017 | | | | | |
| 28 | 0130 | 25°49'N, 91°39'W | Partly cloudy | 8 | NNW | 12 | 1 | SE | 2 | | 72 | 1017 | | | | | |
| 28 | 1745 | 26°07'N, 92°06'W | CLOUDY | 6 | NNE | 11 | 2 | SE | 2 | | 69 | 1018 | | | | | |
| 28 | 2130 | 26°22'N, 92°18'W | CLOUDY | 6 | NNW | 14 | 2 | NW | 2 | | 67 | 1016 | | | | | |
| 29 | 0130 | 26°45'N, 92°35'W | CLOUDY | 5 | NNW | 14 | 2 | NW | 2 | | 66 | 1019 | | | | | |
| 29 | 0530 | 27°12'N, 92°58'W | CLOUDY | 8 | NE | 13 | 2 | NW | 2 | | 62 | 1020 | | | | | |
| 29 | 0930 | 27°32'N, 93°16'W | RAIN CLOUDY | 8 | NNW | 12 | 2 | NW | 2 | | 61 | 1021 | | | | | |
| 29 | 1330 | 25°02'N, 93°38'W | RAIN CLOUDY | 8 | NNE | 14 | 1 | NW | 2 | | 60 | 1020 | | | | | |
| 29 | 1730 | 25°32'N, 94°01'W | RAIN CLOUDY | 6 | NNE | 13 | 1 | NE | 2 | | 58 | 1023 | | | | | |
| 29 | 2130 | 25°57'N, 94°22'W | CLOUDY | 8 | NE | 8 | 1 | NE | 1 | | 55 | 1020 | | | | | |
| 30 | 0130 | 26°11'N, 94°41'W | CLOUDY | 8 | NNW | 10 | 1 | NE | 1 | | 54 | 1022 | | | | | |
| 30 | 0530 | 26°25'N, 94°50'W | CLOUDY | 8 | NNW | 10 | 1 | NE | 1 | | 53 | 1023 | | | | | |
| 30 | 0930 | 26°04'N, 94°44'W | HAZE | 6 | NNW | 8 | 1 | NE | 1 | | 53 | 1023 | | | | | |

XBT DATA

Spartan T-7 XBTs were dropped in conjunction with CTD casts in the Straits of Yucatan (Station 01) and beginning at 24 15N (Station 02) and extending to 27 45 N they were also dropped every 15 minutes of latitude along the track of cruise 92G-02. No correction to XBT temperature has been made to the data presented in this report, for a comparison of the temperature of the mixed layer sensed by the XBTs compared to that sensed by GYRE's Seabird SBE-09 CTD shows negligible temperature offset. In eight side-by-side comparisons in which an XBT was dropped just before or just after the CTD cast was done at the same station, the temperature offset [CTD-XBT] at $z = 3\text{m}$ averaged just $0.01 \pm 0.05^\circ\text{C}$ (stations 01, 02, 04, 06, 08, 10, 12, 14).

Below is a plot of the depth of selected isotherms that were generated from these raw XBT temperature versus depth data. The SE and NW edges of Eddy Triton show up as regions where the 8, 12, 15, and 20 C isotherms rapidly deepen (from stations 5 to 6) and then rise (from stations 10 to 12).



Posted: Tue, Jan 28, 1992 1:22 PM CST Msg: IGJC-5094-8405
 From: N.GUINASSO
 To: GULF.MEX
 Subj: GULF TABLE

The following are early data returns from the TIGER central Gulf of Mexico transect. Data are isotherm depths from XBT drops made from the GYRE. The GYRE will continue to sample as it transits to port and we will post these data as they become available..

ISO002 ISO003 ISO00~~4~~ ISO00~~5~~
 Cruise:92G02 Cruise:92G02 Cruise:92G02 Cruise:92G02
 XBT Isotherms XBT Isotherms XBT Isotherms XBT Isotherms
 Time:11:50 GMT Time:14:50 GMT Time:18:40 GMT Time:21:46 GMT
 Date:27 GMT Date:27 GMT Date:27 GMT Date:27 GMT
 LAT:24 15 N LAT:24 30 N LAT:24 45 N LAT:25 00 N
 LON:89 28 W LON:89 46 W LON:90 05 W LON:90 26 W
 STemp: 22.60 STemp: 22.36 STemp: 22.57 STemp: 22.33

| Depth | Isthrm | Depth | Isthrm | Depth | Isthrm | Depth | Isthrm |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 79.92 | 22 | 93.39 | 22 | 71.57 | 22 | 11.00 | 22 |
| 92.75 | 21 | 117.00 | 21 | 113.24 | 21 | 124.11 | 21 |
| 110.04 | 20 | 128.00 | 20 | 122.83 | 20 | 134.32 | 20 |
| 124.11 | 19 | 134.96 | 19 | 136.24 | 19 | 147.71 | 19 |
| 143.25 | 18 | 151.00 | 18 | 155.36 | 18 | 163.00 | 18 |
| 161.09 | 17 | 169.30 | 17 | 178.89 | 17 | 187.14 | 17 |
| 178.25 | 16 | 191.50 | 16 | 200.46 | 16 | 210.59 | 16 |
| 204.89 | 15 | 215.60 | 15 | 223.87 | 15 | 236.51 | 15 |
| 238.40 | 14 | 244.70 | 14 | 251.01 | 14 | 260.46 | 14 |
| 277.44 | 13 | 275.60 | 13 | 276.19 | 13 | 290.63 | 13 |
| 307.56 | 12 | 312.57 | 12 | 317.57 | 12 | 327.58 | 12 |
| 357.53 | 11 | 349.43 | 11 | 353.43 | 11 | 366.24 | 11 |
| 407.84 | 10 | 397.92 | 10 | 412.79 | 10 | 428.25 | 10 |
| 459.71 | 9 | 460.33 | 9 | 470.18 | 9 | 488.61 | 9 |
| 521.68 | 8 | 534.50 | 8 | 525.96 | 8 | 546.11 | 8 |
| 597.16 | 7 | 611.09 | 7 | 604.43 | 7 | 635.26 | 7 |
| 704.35 | 6 | 710.93 | 6 | 734.22 | 6 | 741.37 | 6 |

Posted: Wed, Jan 29, 1992 3:49 AM CST Msg: NGJC-5095-7428
 From: N.GUINASSO
 To: GULF.MEX
 Subj: ADDITIONAL GULF TABLE

Here are more isotherm depths taken along the TIGER central Gulf of Mexico transect by members of the science party aboard the RV Gyre. Stations ISO002 through ISO005 were posted to GULF.MEX previously. Two addition XBT drops were planned. These data will be posted when they become available.

Data from XBT drops ISO006 though ISO014 follow this line.

| ISO006 | ISO007 | ISO008 |
|---------------------|---------------------|---------------------|
| Cruise:92G02 | Cruise:92G02 | Cruise:92G02 |
| XBT Isotherms | XBT Isotherms | XBT Isotherms |
| Time:01:30 GMT | Time:08:11 GMT | Time:12:40 GMT |
| Date:28 GMT | Date:28 GMT | Date:28 GMT |
| LAT:25 15 N | LAT:25 30 N | LAT:25 44 N |
| LON:90 45 W | LON:91 10 W | LON:91 34 W |
| Surface Temp: 22.43 | Surface Temp: 23.10 | Surface Temp: 23.28 |

| Depth | Temp | Depth | Temp | Depth | Temp |
|--------|------|--------|------|--------|------|
| 68.36 | 22 | 120.91 | 23 | 145.80 | 23 |
| 134.32 | 21 | 130.49 | 22 | 150.26 | 22 |
| 142.61 | 20 | 143.89 | 21 | 157.90 | 21 |
| 163.63 | 19 | 155.36 | 20 | 175.08 | 20 |
| 191.58 | 18 | 175.08 | 19 | 199.82 | 19 |
| 214.39 | 17 | 195.39 | 18 | 221.98 | 18 |
| 234.61 | 16 | 215.65 | 17 | 238.40 | 17 |
| 257.31 | 15 | 239.66 | 16 | 266.76 | 16 |
| 289.38 | 14 | 267.38 | 15 | 289.38 | 15 |
| 320.08 | 13 | 299.41 | 14 | 316.32 | 14 |
| 359.40 | 12 | 332.58 | 13 | 348.80 | 13 |
| 397.92 | 11 | 370.60 | 12 | 385.00 | 12 |
| 441.84 | 10 | 408.46 | 11 | 435.05 | 11 |
| 499.65 | 09 | 456.63 | 10 | 499.65 | 10 |
| 573.50 | 08 | 511.90 | 09 | 561.33 | 09 |
| 667.77 | 07 | 588.68 | 08 | 628.62 | 08 |
| | | 672.58 | 07 | 713.92 | 07 |

| | | |
|---------------------|---------------------|---------------------|
| 150009 | 150010 | 150011 |
| Cruise:92G02 | Cruise:92G02 | Cruise:92G02 |
| XBT Isotherms | XBT Isotherms | XBT Isotherms |
| Time:16:30 GMT | Time:20:05 GMT | Time:22:30 GMT |
| Date:28 GMT | Date:28 GMT | Date:28 GMT |
| LAT:26 00 N | LAT:26 15 N | LAT:26 30 N |
| LON:92 00 W | LON:92 11 W | LON:92 23 W |
| Surface Temp: 23.12 | Surface Temp: 22.92 | Surface Temp: 22.44 |

| Depth Temp | Depth Temp | Depth Temp |
|------------|------------|------------|
| 141.98 23 | 52.93 23 | 76.71 22 |
| 147.71 22 | 127.94 22 | 117.71 21 |
| 168.72 21 | 137.51 21 | 127.94 20 |
| 183.97 20 | 153.45 20 | 143.25 19 |
| 201.72 19 | 169.00 19 | 161.72 18 |
| 218.18 18 | 183.33 18 | 183.33 17 |
| 239.66 17 | 203.63 17 | 204.26 16 |
| 265.50 16 | 227.67 16 | 233.98 15 |
| 291.26 15 | 260.46 15 | 261.09 14 |
| 320.70 14 | 290.63 14 | 296.90 13 |
| 349.43 13 | 326.95 13 | 331.33 12 |
| 384.27 12 | 358.00 12 | 379.30 11 |
| 423.31 11 | 401.02 11 | 423.31 10 |
| 480.01 10 | 452.32 10 | 475.71 09 |
| 547.32 09 | 521.68 09 | 558.90 08 |
| 618.95 08 | 578.96 08 | 657.55 07 |
| 701.96 07 | 667.17 07 | |

| | | |
|---------------------|---------------------|---------------------|
| ISO012 | ISO013 | ISO014 |
| Cruise:92G02 | Cruise:92G02 | Cruise:92G02 |
| XBT Isotherms | XBT Isotherms | XBT Isotherms |
| Time:01:30 GMT | Time:03:40 GMT | Time:06:46 GMT |
| Date:29 GMT | Date:29 GMT | Date:29 GMT |
| LAT:26 45 N | LAT:27 00 N | LAT:27 15 N |
| LON:92 35 W | LON:92 48 W | LON:93 00 W |
| Surface Temp: 22.28 | Surface Temp: 21.60 | Surface Temp: 21.50 |

| Depth Temp | Depth Temp | Depth Temp |
|------------|------------|------------|
| 77.35 22 | 88.90 21 | 81.85 21 |
| 95.95 21 | 92.11 20 | 93.39 20 |
| 107.48 20 | 110.04 19 | 101.00 19 |
| 122.83 19 | 119.63 18 | 119.63 18 |
| 138.79 18 | 136.24 17 | 138.79 17 |
| 157.90 17 | 157.90 16 | 158.54 16 |
| 183.97 16 | 190.31 15 | 187.78 15 |
| 213.76 15 | 223.87 14 | 223.87 14 |
| 239.66 14 | 256.05 13 | 254.79 13 |
| 262.98 13 | 296.28 12 | 296.28 12 |
| 304.43 12 | 343.19 11 | 345.68 11 |
| 348.80 11 | 394.82 10 | 392.34 10 |
| 397.92 10 | 451.71 09 | 455.40 09 |
| 467.10 09 | 529.63 08 | 520.46 08 |
| 534.51 08 | 615.93 07 | 602.62 07 |
| 627.41 07 | 737.20 06 | 729.00 06 |

---eot

Posted: Wed, Jan 29, 1992 1:49 PM CST

Msg: NGJC-5096-7258

From: N.GUINASSO

To: GULF.MEX

Subj: GULF TABLE 3/3

Here are the isotherm data from the final two XBT drops taken aboard the RVGyre as part of the TIGER central Gulf of Mexico transect. Two previous posts to this mailbox contained data for drops ISO002-ISO005 and ISO006-ISO014.

ISO015

ISO016

Cruise:92G02

Cruise:92G02

XBT Isotherms

XBT Isotherms

Time:08:52 GMT

Time:11:05 GMT

Date:29 GMT

Date:29 GMT

LAT:27 30 N

LAT:27 45 N

LON:93 12 W

LON:93 24 W

Surface Temp: 21.66

Surface Temp: 20.53

Depth Temp

Depth Temp

63.86 21

77.99 20

92.75 20

93.39 19

105.56 19

108.12 18

124.74 18

126.66 17

145.80 17

135.60 16

164.27 16

202.00 15

197.92 15

228.93 14

Z = 237m

254.16 13

290.63 12

340.00 11

388.00 10

491.00 09

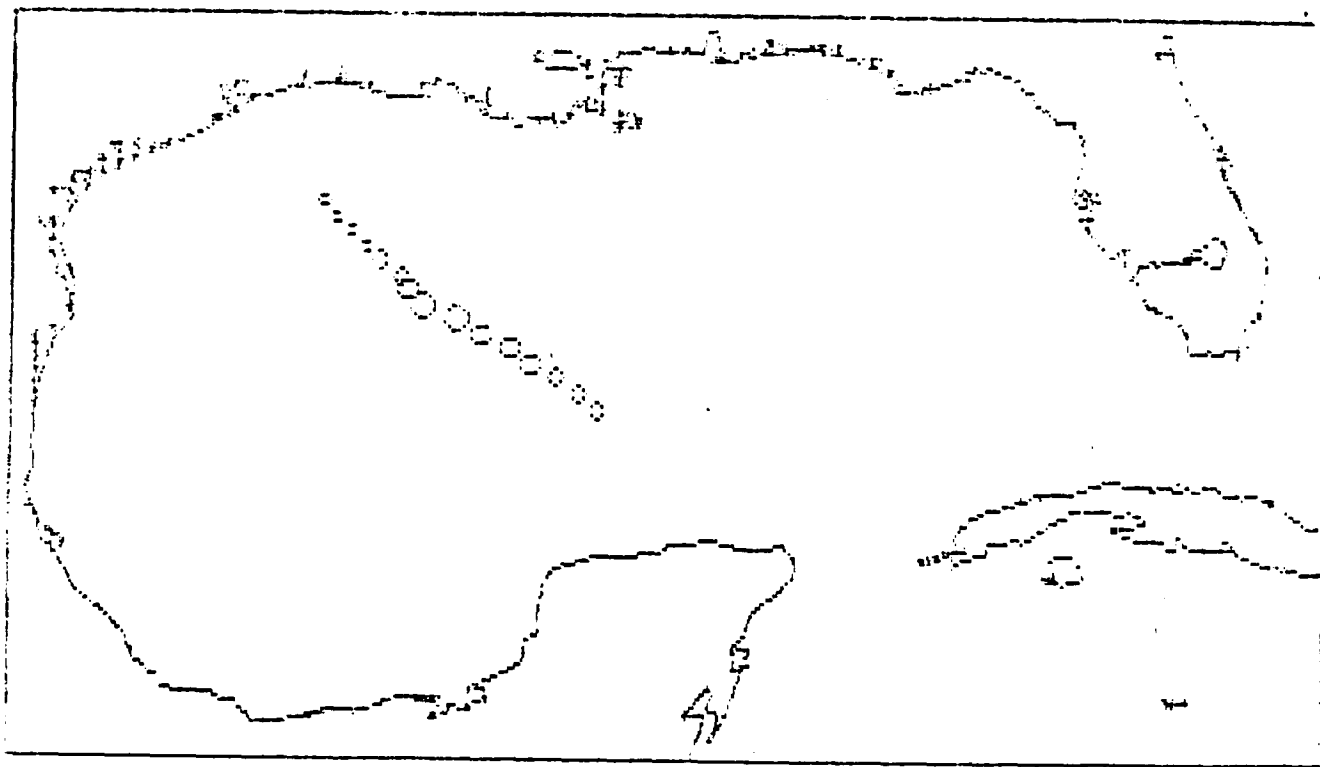
Z = 517m

Posted: Tue, Feb 4, 1992 10:00 AM CST Msg: KGJC-5104-7533
 From: TAMU.TECHS
 To: gulf.mex
 CC: n.guinasso
 Subj: GYRE 92G02 XBT data

XBT data from the Gyre Tiger cruise 92G02. Posted by R V Pittman.

| | | | | | | | |
|-----------------------------------|-----|-----|-----|-----|-----|-----|----------|
| KJCL,92012712,-89.50,24.25,X22.61 | - - | 110 | 205 | 460 | - - | 760 | 5.68 |
| KJCL,92012715,-89.75,24.50,X22.46 | - - | 128 | 216 | 460 | - - | 760 | 5.73 |
| KJCL,92012719,-90.10,24.75,X22.57 | - - | 123 | 224 | 470 | - - | 760 | 5.84 |
| KJCL,92012722,-90.45,25.00,X22.33 | - - | 134 | 237 | 489 | - - | 760 | 5.89 |
| KJCL,92012801,-90.75,25.25,X22.43 | - - | 142 | 258 | 500 | - - | 760 | 6.20 |
| KJCL,92012808,-91.15,25.50,X22.94 | - | 121 | 155 | 267 | 511 | - - | 760 6.24 |
| KJCL,92012813,-91.51,25.75,X22.75 | - | 146 | 175 | 289 | 561 | - - | 760 6.62 |
| KJCL,92012816,-92.00,26.00,X23.12 | - | 142 | 184 | 291 | 547 | - - | 760 6.45 |
| KJCL,92012820,-92.20,26.25,X22.92 | - | 53 | 153 | 260 | 521 | - - | 760 6.23 |
| KJCL,92012822,-92.28,26.50,X22.44 | - - | 128 | 234 | 475 | - - | 760 | 6.15 |
| KJCL,92012901,-92.60,26.75,X22.28 | - - | 107 | 213 | 467 | - - | 760 | 6.06 |
| KJCL,92012904,-92.80,27.00,X21.80 | - - | 92 | 190 | 452 | - - | 760 | 5.87 |
| KJCL,92012907,-93.00,27.25,X21.50 | - - | 93 | 188 | 455 | - - | 760 | 5.88 |
| KJCL,92012909,-93.20,27.50,X21.85 | - - | 93 | 198 | 491 | - - | 704 | 8.45 |
| KJCL,92012911,-93.40,27.75,X20.97 | - - | 78 | 202 | - | - - | 225 | 14.71 |

File: Size of circle represents 20 deg iso depths. 92G02 XBT E



XBT-01 0635GMT on 26 Jan 92

Cruise: 92G02
 Date: Sun Jan 26 1992, Julian day = 26
 Time: 06:18:35 GMT
 Lat: 21 31.277 N
 Lon: 86 00.064 W
 Stn: 1

Don't
 copy

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|-----------------|------------------|-------|-------|--------|-------|--------|-------|
| 0.65 | 2.20 | 40.04 | 26.47 | 79.28 | 26.44 | 118.35 | 24.22 |
| 1.29 | 25.18 | 40.69 | 26.47 | 79.92 | 26.43 | 118.99 | 24.22 |
| 1.94 | 23.97 | 41.33 | 26.47 | 80.56 | 26.42 | 119.63 | 24.21 |
| 2.59 | 26.27 | 41.98 | 26.47 | 81.20 | 26.40 | 120.27 | 24.19 |
| 3.24 | 26.37 | 42.62 | 26.48 | 81.85 | 26.37 | 120.91 | 24.18 |
| 3.88 | 26.42 | 43.27 | 26.48 | 82.49 | 26.35 | 121.55 | 24.17 |
| 4.53 | 26.44 | 43.91 | 26.48 | 83.13 | 26.34 | 122.19 | 24.16 |
| 5.18 | 26.44 | 44.55 | 26.48 | 83.77 | 26.33 | 122.83 | 24.15 |
| 5.82 | 26.44 | 45.20 | 26.48 | 84.41 | 26.32 | 123.47 | 24.12 |
| 6.47 | 26.44 | 45.84 | 26.48 | 85.05 | 26.30 | 124.11 | 24.08 |
| 7.12 | 26.43 | 46.49 | 26.48 | 85.70 | 26.29 | 124.74 | 24.04 |
| 7.76 | 26.45 | 47.13 | 26.49 | 86.34 | 26.29 | 125.38 | 24.00 |
| 8.41 | 26.45 | 47.77 | 26.51 | 86.98 | 26.29 | 126.02 | 23.98 |
| 9.06 | 26.45 | 48.42 | 26.52 | 87.62 | 26.29 | 126.66 | 23.95 |
| 9.70 | 26.45 | 49.06 | 26.53 | 88.26 | 26.29 | 127.30 | 23.93 |
| 10.35 | 26.45 | 49.71 | 26.52 | 88.90 | 26.27 | 127.94 | 23.87 |
| 11.00 | 26.45 | 50.35 | 26.53 | 89.54 | 26.24 | 128.58 | 23.78 |
| 11.64 | 26.45 | 50.99 | 26.53 | 90.18 | 26.21 | 129.21 | 23.68 |
| 12.29 | 26.45 | 51.64 | 26.54 | 90.83 | 26.21 | 129.85 | 23.59 |
| 12.94 | 26.45 | 52.28 | 26.55 | 91.47 | 26.20 | 130.49 | 23.55 |
| 13.58 | 26.45 | 52.93 | 26.54 | 92.11 | 26.19 | 131.13 | 23.52 |
| 14.23 | 26.45 | 53.57 | 26.55 | 92.75 | 26.17 | 131.77 | 23.51 |
| 14.87 | 26.45 | 54.21 | 26.55 | 93.39 | 26.16 | 132.41 | 23.44 |
| 15.52 | 26.46 | 54.86 | 26.57 | 94.03 | 26.14 | 133.04 | 23.34 |
| 16.17 | 26.46 | 55.50 | 26.59 | 94.67 | 26.10 | 133.68 | 23.27 |
| 16.81 | 26.46 | 56.14 | 26.59 | 95.31 | 26.07 | 134.32 | 23.23 |
| 17.46 | 26.46 | 56.79 | 26.60 | 95.95 | 26.04 | 134.96 | 23.15 |
| 18.10 | 26.45 | 57.43 | 26.61 | 96.59 | 26.02 | 135.60 | 23.08 |
| 18.75 | 26.45 | 58.07 | 26.61 | 97.23 | 25.99 | 136.24 | 23.01 |
| 19.40 | 26.47 | 58.72 | 26.61 | 97.88 | 25.93 | 136.87 | 22.97 |
| 20.04 | 26.45 | 59.36 | 26.62 | 98.52 | 25.86 | 137.51 | 22.95 |
| 20.69 | 26.45 | 60.00 | 26.64 | 99.16 | 25.83 | 138.15 | 22.91 |
| 21.33 | 26.46 | 60.65 | 26.64 | 99.80 | 25.77 | 138.79 | 22.81 |
| 21.98 | 26.45 | 61.29 | 26.64 | 100.44 | 25.69 | 139.43 | 22.71 |
| 22.63 | 26.45 | 61.93 | 26.64 | 101.08 | 25.62 | 140.06 | 22.65 |
| 23.27 | 26.45 | 62.58 | 26.65 | 101.72 | 25.60 | 140.70 | 22.62 |
| 23.92 | 26.46 | 63.22 | 26.66 | 102.36 | 25.57 | 141.34 | 22.58 |
| 24.56 | 26.46 | 63.86 | 26.66 | 103.00 | 25.55 | 141.98 | 22.55 |
| 25.21 | 26.46 | 64.50 | 26.67 | 103.64 | 25.49 | 142.61 | 22.51 |
| 25.85 | 26.46 | 65.15 | 26.68 | 104.28 | 25.45 | 143.25 | 22.44 |
| 26.50 | 26.47 | 65.79 | 26.68 | 104.92 | 25.39 | 143.89 | 22.38 |
| 27.14 | 26.46 | 66.43 | 26.70 | 105.56 | 25.32 | 144.53 | 22.35 |
| 27.79 | 26.46 | 67.08 | 26.70 | 106.20 | 25.28 | 145.16 | 22.33 |
| 28.43 | 26.46 | 67.72 | 26.72 | 106.84 | 25.26 | 145.80 | 22.31 |
| 29.08 | 26.47 | 68.36 | 26.71 | 107.48 | 25.24 | 146.44 | 22.29 |
| 29.73 | 26.47 | 69.00 | 26.70 | 108.12 | 25.16 | 147.08 | 22.27 |
| 30.37 | 26.48 | 69.65 | 26.69 | 108.76 | 25.05 | 147.71 | 22.21 |
| 31.02 | 26.47 | 70.29 | 26.69 | 109.40 | 24.98 | 148.35 | 22.10 |
| 31.66 | 26.47 | 70.93 | 26.66 | 110.04 | 24.95 | 148.99 | 22.04 |
| 32.31 | 26.47 | 71.57 | 26.65 | 110.68 | 24.88 | 149.62 | 22.00 |
| 32.95 | 26.46 | 72.22 | 26.63 | 111.32 | 24.76 | 150.26 | 21.97 |
| 33.60 | 26.47 | 72.86 | 26.61 | 111.96 | 24.60 | 150.90 | 21.94 |
| 34.24 | 26.46 | 73.50 | 26.59 | 112.60 | 24.50 | 151.54 | 21.91 |
| 34.89 | 26.46 | 74.14 | 26.58 | 113.24 | 24.41 | 152.17 | 21.90 |
| 35.53 | 26.47 | 74.78 | 26.57 | 113.88 | 24.38 | 152.81 | 21.89 |
| 36.18 | 26.47 | 75.43 | 26.56 | 114.52 | 24.35 | 153.45 | 21.88 |
| 36.82 | 26.46 | 76.07 | 26.55 | 115.16 | 24.34 | 154.08 | 21.87 |
| 37.46 | 26.46 | 76.71 | 26.54 | 115.80 | 24.34 | 154.72 | 21.81 |
| 38.11 | 26.46 | 77.35 | 26.52 | 116.44 | 24.33 | 155.36 | 21.73 |
| 38.75 | 26.47 | 77.99 | 26.48 | 117.07 | 24.27 | 155.99 | 21.66 |
| 39.40 | 26.47 | 78.64 | 26.46 | 117.71 | 24.24 | 156.63 | 21.62 |

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 157.27 | 21.60 | 202.99 | 19.29 | 248.49 | 18.03 | 293.77 | 16.93 |
| 157.90 | 21.59 | 203.63 | 19.24 | 249.12 | 18.02 | 294.40 | 16.91 |
| 158.54 | 21.57 | 204.26 | 19.16 | 249.75 | 18.00 | 295.02 | 16.87 |
| 159.18 | 21.56 | 204.89 | 19.12 | 250.38 | 18.01 | 295.65 | 16.85 |
| 159.81 | 21.55 | 205.53 | 19.10 | 251.01 | 18.00 | 296.28 | 16.84 |
| 160.45 | 21.49 | 206.16 | 19.06 | 251.64 | 18.00 | 296.90 | 16.83 |
| 161.09 | 21.41 | 206.79 | 19.00 | 252.27 | 18.00 | 297.53 | 16.83 |
| 161.72 | 21.38 | 207.43 | 18.96 | 252.90 | 17.97 | 298.16 | 16.83 |
| 162.36 | 21.35 | 208.06 | 18.92 | 253.53 | 17.95 | 298.79 | 16.83 |
| 163.00 | 21.33 | 208.69 | 18.88 | 254.16 | 17.94 | 299.41 | 16.81 |
| 163.63 | 21.34 | 209.32 | 18.84 | 254.79 | 17.90 | 300.04 | 16.81 |
| 164.27 | 21.33 | 209.96 | 18.81 | 255.42 | 17.88 | 300.67 | 16.80 |
| 164.90 | 21.32 | 210.59 | 18.79 | 256.05 | 17.85 | 301.29 | 16.80 |
| 165.54 | 21.31 | 211.22 | 18.76 | 256.68 | 17.82 | 301.92 | 16.78 |
| 166.18 | 21.31 | 211.86 | 18.74 | 257.31 | 17.81 | 302.55 | 16.76 |
| 166.81 | 21.30 | 212.49 | 18.73 | 257.94 | 17.79 | 303.17 | 16.74 |
| 167.45 | 21.29 | 213.12 | 18.71 | 258.57 | 17.78 | 303.80 | 16.69 |
| 168.08 | 21.27 | 213.76 | 18.68 | 259.20 | 17.76 | 304.43 | 16.67 |
| 168.72 | 21.23 | 214.39 | 18.65 | 259.83 | 17.75 | 305.05 | 16.65 |
| 169.36 | 21.17 | 215.02 | 18.64 | 260.46 | 17.74 | 305.68 | 16.63 |
| 169.99 | 21.10 | 215.65 | 18.62 | 261.09 | 17.73 | 306.31 | 16.63 |
| 170.63 | 21.04 | 216.29 | 18.60 | 261.72 | 17.71 | 306.93 | 16.63 |
| 171.26 | 20.99 | 216.92 | 18.58 | 262.35 | 17.68 | 307.56 | 16.60 |
| 171.90 | 20.90 | 217.55 | 18.57 | 262.98 | 17.65 | 308.18 | 16.59 |
| 172.53 | 20.81 | 218.18 | 18.55 | 263.61 | 17.63 | 308.81 | 16.55 |
| 173.17 | 20.75 | 218.82 | 18.53 | 264.24 | 17.62 | 309.44 | 16.51 |
| 173.80 | 20.69 | 219.45 | 18.53 | 264.87 | 17.59 | 310.06 | 16.48 |
| 174.44 | 20.62 | 220.08 | 18.52 | 265.50 | 17.57 | 310.69 | 16.46 |
| 175.08 | 20.57 | 220.71 | 18.50 | 266.13 | 17.54 | 311.32 | 16.45 |
| 175.71 | 20.48 | 221.35 | 18.49 | 266.76 | 17.53 | 311.94 | 16.43 |
| 176.35 | 20.42 | 221.98 | 18.48 | 267.38 | 17.52 | 312.57 | 16.40 |
| 176.98 | 20.39 | 222.61 | 18.48 | 268.01 | 17.50 | 313.19 | 16.36 |
| 177.62 | 20.36 | 223.24 | 18.48 | 268.64 | 17.49 | 313.82 | 16.33 |
| 178.25 | 20.34 | 223.87 | 18.47 | 269.27 | 17.48 | 314.45 | 16.32 |
| 178.89 | 20.30 | 224.51 | 18.44 | 269.90 | 17.48 | 315.07 | 16.31 |
| 179.52 | 20.25 | 225.14 | 18.43 | 270.53 | 17.47 | 315.70 | 16.29 |
| 180.16 | 20.21 | 225.77 | 18.42 | 271.16 | 17.46 | 316.32 | 16.28 |
| 180.79 | 20.20 | 226.40 | 18.42 | 271.79 | 17.45 | 316.95 | 16.29 |
| 181.43 | 20.19 | 227.03 | 18.42 | 272.42 | 17.44 | 317.57 | 16.28 |
| 182.06 | 20.17 | 227.67 | 18.40 | 273.04 | 17.43 | 318.20 | 16.26 |
| 182.70 | 20.15 | 228.30 | 18.40 | 273.67 | 17.44 | 318.83 | 16.24 |
| 183.33 | 20.13 | 228.93 | 18.38 | 274.30 | 17.43 | 319.45 | 16.23 |
| 183.97 | 20.11 | 229.56 | 18.37 | 274.93 | 17.42 | 320.08 | 16.24 |
| 184.60 | 20.09 | 230.19 | 18.34 | 275.56 | 17.41 | 320.70 | 16.22 |
| 185.24 | 20.06 | 230.82 | 18.32 | 276.19 | 17.42 | 321.33 | 16.19 |
| 185.87 | 20.03 | 231.46 | 18.32 | 276.82 | 17.42 | 321.95 | 16.16 |
| 186.51 | 20.01 | 232.09 | 18.30 | 277.44 | 17.41 | 322.58 | 16.14 |
| 187.14 | 20.00 | 232.72 | 18.30 | 278.07 | 17.40 | 323.20 | 16.11 |
| 187.78 | 19.98 | 233.35 | 18.27 | 278.70 | 17.38 | 323.83 | 16.09 |
| 188.41 | 19.94 | 233.98 | 18.27 | 279.33 | 17.37 | 324.45 | 16.05 |
| 189.04 | 19.92 | 234.61 | 18.23 | 279.96 | 17.35 | 325.08 | 16.05 |
| 189.68 | 19.89 | 235.24 | 18.20 | 280.59 | 17.32 | 325.70 | 16.04 |
| 190.31 | 19.81 | 235.88 | 18.18 | 281.21 | 17.28 | 326.33 | 16.04 |
| 190.95 | 19.77 | 236.51 | 18.17 | 281.84 | 17.26 | 326.95 | 16.02 |
| 191.58 | 19.72 | 237.14 | 18.17 | 282.47 | 17.23 | 327.58 | 16.02 |
| 192.22 | 19.69 | 237.77 | 18.17 | 283.10 | 17.22 | 328.20 | 16.00 |
| 192.85 | 19.68 | 238.40 | 18.16 | 283.73 | 17.22 | 328.83 | 15.97 |
| 193.48 | 19.65 | 239.03 | 18.17 | 284.35 | 17.21 | 329.45 | 15.94 |
| 194.12 | 19.63 | 239.66 | 18.16 | 284.98 | 17.20 | 330.08 | 15.90 |
| 194.75 | 19.62 | 240.29 | 18.17 | 285.61 | 17.20 | 330.70 | 15.84 |
| 195.39 | 19.60 | 240.92 | 18.16 | 286.24 | 17.21 | 331.33 | 15.82 |
| 196.02 | 19.58 | 241.56 | 18.16 | 286.87 | 17.20 | 331.95 | 15.81 |
| 196.65 | 19.56 | 242.19 | 18.15 | 287.49 | 17.18 | 332.58 | 15.78 |
| 197.29 | 19.54 | 242.82 | 18.14 | 288.12 | 17.18 | 333.20 | 15.75 |
| 197.92 | 19.52 | 243.45 | 18.11 | 288.75 | 17.15 | 333.83 | 15.71 |
| 198.56 | 19.51 | 244.08 | 18.10 | 289.38 | 17.13 | 334.45 | 15.67 |
| 199.19 | 19.48 | 244.71 | 18.09 | 290.00 | 17.09 | 335.08 | 15.65 |
| 199.82 | 19.45 | 245.34 | 18.09 | 290.63 | 17.05 | 335.70 | 15.62 |
| 200.46 | 19.42 | 245.97 | 18.08 | 291.26 | 17.02 | 336.32 | 15.61 |
| 201.09 | 19.40 | 246.60 | 18.07 | 291.89 | 16.98 | 336.95 | 15.55 |
| 201.72 | 19.39 | 247.23 | 18.06 | 292.51 | 16.97 | 337.57 | 15.51 |
| 202.36 | 19.33 | 247.86 | 18.05 | 293.14 | 16.97 | 338.20 | 15.49 |

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|--------|-------|--------|-------|--------|-------|--------|-------|
| 338.82 | 15.49 | 383.65 | 14.34 | 428.25 | 13.13 | 472.64 | 11.69 |
| 339.45 | 15.49 | 384.27 | 14.33 | 428.87 | 13.05 | 473.25 | 11.67 |
| 340.07 | 15.49 | 384.89 | 14.32 | 429.49 | 13.00 | 473.86 | 11.65 |
| 340.69 | 15.49 | 385.51 | 14.31 | 430.11 | 12.97 | 474.48 | 11.64 |
| 341.32 | 15.49 | 386.13 | 14.30 | 430.73 | 12.96 | 475.09 | 11.61 |
| 341.94 | 15.49 | 386.75 | 14.26 | 431.34 | 12.95 | 475.71 | 11.60 |
| 342.57 | 15.48 | 387.38 | 14.21 | 431.96 | 12.94 | 476.32 | 11.57 |
| 343.19 | 15.49 | 388.00 | 14.18 | 432.58 | 12.94 | 476.94 | 11.54 |
| 343.81 | 15.49 | 388.62 | 14.15 | 433.20 | 12.94 | 477.55 | 11.52 |
| 344.44 | 15.49 | 389.24 | 14.13 | 433.81 | 12.94 | 478.17 | 11.51 |
| 345.06 | 15.48 | 389.86 | 14.11 | 434.43 | 12.93 | 478.78 | 11.50 |
| 345.68 | 15.47 | 390.48 | 14.06 | 435.05 | 12.92 | 479.40 | 11.51 |
| 346.31 | 15.46 | 391.10 | 14.03 | 435.67 | 12.91 | 480.01 | 11.49 |
| 346.93 | 15.43 | 391.72 | 14.02 | 436.28 | 12.86 | 480.62 | 11.48 |
| 347.56 | 15.44 | 392.34 | 14.01 | 436.90 | 12.82 | 481.24 | 11.46 |
| 348.18 | 15.43 | 392.96 | 13.99 | 437.52 | 12.79 | 481.85 | 11.45 |
| 348.80 | 15.42 | 393.58 | 13.97 | 438.14 | 12.76 | 482.47 | 11.43 |
| 349.43 | 15.41 | 394.20 | 13.95 | 438.75 | 12.72 | 483.08 | 11.41 |
| 350.05 | 15.40 | 394.82 | 13.93 | 439.37 | 12.67 | 483.70 | 11.39 |
| 350.67 | 15.39 | 395.44 | 13.90 | 439.99 | 12.65 | 484.31 | 11.34 |
| 351.30 | 15.40 | 396.06 | 13.85 | 440.60 | 12.64 | 484.92 | 11.31 |
| 351.92 | 15.38 | 396.68 | 13.84 | 441.22 | 12.64 | 485.54 | 11.31 |
| 352.54 | 15.37 | 397.30 | 13.81 | 441.84 | 12.63 | 486.15 | 11.30 |
| 353.17 | 15.38 | 397.92 | 13.79 | 442.46 | 12.61 | 486.77 | 11.30 |
| 353.79 | 15.36 | 398.54 | 13.78 | 443.07 | 12.58 | 487.38 | 11.31 |
| 354.41 | 15.36 | 399.16 | 13.77 | 443.69 | 12.52 | 487.99 | 11.29 |
| 355.04 | 15.34 | 399.78 | 13.77 | 444.31 | 12.47 | 488.61 | 11.29 |
| 355.66 | 15.33 | 400.40 | 13.76 | 444.92 | 12.43 | 489.22 | 11.30 |
| 356.28 | 15.31 | 401.02 | 13.76 | 445.54 | 12.39 | 489.83 | 11.28 |
| 356.90 | 15.29 | 401.64 | 13.76 | 446.16 | 12.36 | 490.45 | 11.26 |
| 357.53 | 15.29 | 402.26 | 13.75 | 446.77 | 12.34 | 491.06 | 11.26 |
| 358.15 | 15.28 | 402.88 | 13.76 | 447.39 | 12.32 | 491.67 | 11.24 |
| 358.77 | 15.28 | 403.50 | 13.75 | 448.01 | 12.29 | 492.29 | 11.23 |
| 359.40 | 15.28 | 404.12 | 13.73 | 448.62 | 12.27 | 492.90 | 11.22 |
| 360.02 | 15.26 | 404.74 | 13.74 | 449.24 | 12.24 | 493.51 | 11.19 |
| 360.64 | 15.27 | 405.36 | 13.72 | 449.86 | 12.23 | 494.13 | 11.18 |
| 361.26 | 15.26 | 405.98 | 13.71 | 450.47 | 12.22 | 494.74 | 11.18 |
| 361.89 | 15.26 | 406.60 | 13.71 | 451.09 | 12.21 | 495.35 | 11.18 |
| 362.51 | 15.25 | 407.22 | 13.70 | 451.71 | 12.20 | 495.97 | 11.18 |
| 363.13 | 15.23 | 407.84 | 13.68 | 452.32 | 12.19 | 496.58 | 11.16 |
| 363.75 | 15.17 | 408.46 | 13.67 | 452.94 | 12.19 | 497.19 | 11.14 |
| 364.38 | 15.15 | 409.08 | 13.67 | 453.55 | 12.15 | 497.81 | 11.08 |
| 365.00 | 15.12 | 409.70 | 13.64 | 454.17 | 12.11 | 498.42 | 11.03 |
| 365.62 | 15.09 | 410.32 | 13.62 | 454.79 | 12.07 | 499.03 | 11.00 |
| 366.24 | 15.05 | 410.93 | 13.61 | 455.40 | 12.03 | 499.65 | 10.96 |
| 366.87 | 15.03 | 411.55 | 13.58 | 456.02 | 11.99 | 500.26 | 10.93 |
| 367.49 | 14.97 | 412.17 | 13.57 | 456.63 | 11.96 | 500.87 | 10.91 |
| 368.11 | 14.91 | 412.79 | 13.57 | 457.25 | 11.95 | 501.49 | 10.88 |
| 368.73 | 14.86 | 413.41 | 13.56 | 457.87 | 11.94 | 502.10 | 10.83 |
| 369.35 | 14.84 | 414.03 | 13.54 | 458.48 | 11.91 | 502.71 | 10.79 |
| 369.98 | 14.82 | 414.65 | 13.53 | 459.10 | 11.87 | 503.32 | 10.76 |
| 370.60 | 14.77 | 415.27 | 13.54 | 459.71 | 11.86 | 503.94 | 10.73 |
| 371.22 | 14.72 | 415.89 | 13.51 | 460.33 | 11.84 | 504.55 | 10.67 |
| 371.84 | 14.70 | 416.51 | 13.48 | 460.95 | 11.84 | 505.16 | 10.64 |
| 372.46 | 14.69 | 417.12 | 13.45 | 461.56 | 11.84 | 505.77 | 10.58 |
| 373.09 | 14.68 | 417.74 | 13.44 | 462.18 | 11.83 | 506.39 | 10.57 |
| 373.71 | 14.64 | 418.36 | 13.40 | 462.79 | 11.81 | 507.00 | 10.52 |
| 374.33 | 14.60 | 418.98 | 13.36 | 463.41 | 11.81 | 507.61 | 10.51 |
| 374.95 | 14.58 | 419.60 | 13.34 | 464.02 | 11.79 | 508.22 | 10.51 |
| 375.57 | 14.54 | 420.22 | 13.32 | 464.64 | 11.78 | 508.84 | 10.47 |
| 376.19 | 14.52 | 420.84 | 13.31 | 465.25 | 11.78 | 509.45 | 10.46 |
| 376.82 | 14.50 | 421.45 | 13.32 | 465.87 | 11.76 | 510.06 | 10.45 |
| 377.44 | 14.48 | 422.07 | 13.31 | 466.48 | 11.76 | 510.67 | 10.46 |
| 378.06 | 14.46 | 422.69 | 13.30 | 467.10 | 11.75 | 511.28 | 10.42 |
| 378.68 | 14.45 | 423.31 | 13.31 | 467.72 | 11.75 | 511.90 | 10.41 |
| 379.30 | 14.44 | 423.93 | 13.29 | 468.33 | 11.75 | 512.51 | 10.40 |
| 379.92 | 14.44 | 424.55 | 13.30 | 468.95 | 11.75 | 513.12 | 10.40 |
| 380.54 | 14.43 | 425.16 | 13.28 | 469.56 | 11.73 | 513.73 | 10.39 |
| 381.17 | 14.42 | 425.78 | 13.27 | 470.18 | 11.72 | 514.34 | 10.38 |
| 381.79 | 14.41 | 426.40 | 13.26 | 470.79 | 11.72 | 514.96 | 10.38 |
| 382.41 | 14.38 | 427.02 | 13.24 | 471.41 | 11.70 | 515.57 | 10.37 |
| 383.03 | 14.35 | 427.64 | 13.21 | 472.02 | 11.70 | 516.18 | 10.35 |

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|--------|-------|--------|------|--------|------|--------|------|
| 516.79 | 10.32 | 560.72 | 8.97 | 604.43 | 8.16 | 647.92 | 7.55 |
| 517.40 | 10.30 | 561.33 | 8.96 | 605.04 | 8.14 | 648.52 | 7.53 |
| 518.02 | 10.30 | 561.94 | 8.95 | 605.64 | 8.12 | 649.12 | 7.52 |
| 518.63 | 10.28 | 562.55 | 8.92 | 606.25 | 8.10 | 649.73 | 7.49 |
| 519.24 | 10.28 | 563.16 | 8.92 | 606.86 | 8.08 | 650.33 | 7.48 |
| 519.85 | 10.27 | 563.77 | 8.91 | 607.46 | 8.06 | 650.93 | 7.47 |
| 520.46 | 10.26 | 564.38 | 8.89 | 608.07 | 8.05 | 651.53 | 7.46 |
| 521.07 | 10.27 | 564.98 | 8.88 | 608.67 | 8.03 | 652.13 | 7.44 |
| 521.68 | 10.26 | 565.59 | 8.88 | 609.28 | 8.00 | 652.74 | 7.44 |
| 522.30 | 10.26 | 566.20 | 8.87 | 609.88 | 8.00 | 653.34 | 7.41 |
| 522.91 | 10.24 | 566.81 | 8.87 | 610.49 | 8.00 | 653.94 | 7.39 |
| 523.52 | 10.23 | 567.42 | 8.86 | 611.09 | 7.99 | 654.54 | 7.37 |
| 524.13 | 10.18 | 568.03 | 8.86 | 611.70 | 7.99 | 655.14 | 7.36 |
| 524.74 | 10.10 | 568.63 | 8.85 | 612.30 | 7.98 | 655.75 | 7.34 |
| 525.35 | 10.01 | 569.24 | 8.85 | 612.91 | 7.98 | 656.35 | 7.34 |
| 525.96 | 9.92 | 569.85 | 8.85 | 613.51 | 7.98 | 656.95 | 7.33 |
| 526.57 | 9.86 | 570.46 | 8.83 | 614.12 | 7.98 | 657.55 | 7.33 |
| 527.19 | 9.82 | 571.07 | 8.81 | 614.72 | 7.98 | 658.15 | 7.32 |
| 527.80 | 9.79 | 571.67 | 8.80 | 615.33 | 7.97 | 658.75 | 7.33 |
| 528.41 | 9.75 | 572.28 | 8.78 | 615.93 | 7.97 | 659.36 | 7.32 |
| 529.02 | 9.73 | 572.89 | 8.77 | 616.54 | 7.94 | 659.96 | 7.32 |
| 529.63 | 9.70 | 573.50 | 8.74 | 617.14 | 7.91 | 660.56 | 7.32 |
| 530.24 | 9.69 | 574.10 | 8.73 | 617.74 | 7.90 | 661.16 | 7.31 |
| 530.85 | 9.66 | 574.71 | 8.72 | 618.35 | 7.86 | 661.76 | 7.32 |
| 531.46 | 9.65 | 575.32 | 8.70 | 618.95 | 7.87 | 662.36 | 7.31 |
| 532.07 | 9.64 | 575.93 | 8.70 | 619.56 | 7.86 | 662.96 | 7.30 |
| 532.68 | 9.63 | 576.53 | 8.64 | 620.16 | 7.86 | 663.57 | 7.29 |
| 533.29 | 9.62 | 577.14 | 8.63 | 620.77 | 7.85 | 664.17 | 7.30 |
| 533.90 | 9.60 | 577.75 | 8.60 | 621.37 | 7.85 | 664.77 | 7.28 |
| 534.51 | 9.59 | 578.36 | 8.59 | 621.98 | 7.84 | 665.37 | 7.27 |
| 535.12 | 9.58 | 578.96 | 8.57 | 622.58 | 7.84 | 665.97 | 7.28 |
| 535.73 | 9.55 | 579.57 | 8.58 | 623.18 | 7.82 | 666.57 | 7.26 |
| 536.35 | 9.53 | 580.18 | 8.57 | 623.79 | 7.83 | 667.17 | 7.26 |
| 536.96 | 9.49 | 580.79 | 8.56 | 624.39 | 7.83 | 667.77 | 7.26 |
| 537.57 | 9.46 | 581.39 | 8.56 | 625.00 | 7.83 | 668.38 | 7.26 |
| 538.18 | 9.43 | 582.00 | 8.56 | 625.60 | 7.82 | 668.98 | 7.25 |
| 538.79 | 9.42 | 582.61 | 8.56 | 626.20 | 7.82 | 669.58 | 7.25 |
| 539.40 | 9.41 | 583.21 | 8.57 | 626.81 | 7.82 | 670.18 | 7.24 |
| 540.01 | 9.39 | 583.82 | 8.56 | 627.41 | 7.81 | 670.78 | 7.24 |
| 540.62 | 9.37 | 584.43 | 8.56 | 628.02 | 7.82 | 671.38 | 7.23 |
| 541.23 | 9.37 | 585.04 | 8.55 | 628.62 | 7.82 | 671.98 | 7.22 |
| 541.84 | 9.35 | 585.64 | 8.55 | 629.22 | 7.81 | 672.58 | 7.19 |
| 542.45 | 9.34 | 586.25 | 8.55 | 629.83 | 7.80 | 673.18 | 7.17 |
| 543.06 | 9.33 | 586.86 | 8.54 | 630.43 | 7.80 | 673.78 | 7.16 |
| 543.67 | 9.31 | 587.46 | 8.54 | 631.03 | 7.79 | 674.38 | 7.14 |
| 544.28 | 9.30 | 588.07 | 8.54 | 631.64 | 7.78 | 674.98 | 7.12 |
| 544.89 | 9.26 | 588.68 | 8.53 | 632.24 | 7.78 | 675.58 | 7.10 |
| 545.50 | 9.23 | 589.28 | 8.53 | 632.84 | 7.78 | 676.18 | 7.09 |
| 546.11 | 9.21 | 589.89 | 8.53 | 633.45 | 7.78 | 676.78 | 7.08 |
| 546.71 | 9.18 | 590.50 | 8.53 | 634.05 | 7.78 | 677.38 | 7.07 |
| 547.32 | 9.17 | 591.10 | 8.52 | 634.66 | 7.76 | 677.98 | 7.08 |
| 547.93 | 9.16 | 591.71 | 8.52 | 635.26 | 7.72 | 678.58 | 7.08 |
| 548.54 | 9.15 | 592.31 | 8.48 | 635.86 | 7.69 | 679.18 | 7.07 |
| 549.15 | 9.14 | 592.92 | 8.47 | 636.47 | 7.68 | 679.79 | 7.07 |
| 549.76 | 9.15 | 593.53 | 8.45 | 637.07 | 7.67 | 680.39 | 7.07 |
| 550.37 | 9.13 | 594.13 | 8.43 | 637.67 | 7.66 | 680.99 | 7.08 |
| 550.98 | 9.12 | 594.74 | 8.42 | 638.27 | 7.66 | 681.59 | 7.06 |
| 551.59 | 9.11 | 595.35 | 8.41 | 638.88 | 7.65 | 682.19 | 7.05 |
| 552.20 | 9.11 | 595.95 | 8.39 | 639.48 | 7.63 | 682.79 | 7.05 |
| 552.81 | 9.10 | 596.56 | 8.36 | 640.08 | 7.61 | 683.38 | 7.04 |
| 553.42 | 9.10 | 597.16 | 8.34 | 640.69 | 7.60 | 683.98 | 7.03 |
| 554.03 | 9.10 | 597.77 | 8.33 | 641.29 | 7.58 | 684.58 | 7.01 |
| 554.64 | 9.10 | 598.38 | 8.33 | 641.89 | 7.58 | 685.18 | 7.02 |
| 555.25 | 9.08 | 598.98 | 8.31 | 642.50 | 7.58 | 685.78 | 7.00 |
| 555.85 | 9.06 | 599.59 | 8.32 | 643.10 | 7.57 | 686.38 | 7.00 |
| 556.46 | 9.05 | 600.19 | 8.31 | 643.70 | 7.57 | 686.98 | 6.98 |
| 557.07 | 9.02 | 600.80 | 8.30 | 644.30 | 7.57 | 687.58 | 6.97 |
| 557.68 | 9.02 | 601.41 | 8.30 | 644.91 | 7.57 | 688.18 | 6.96 |
| 558.29 | 8.99 | 602.01 | 8.29 | 645.51 | 7.57 | 688.78 | 6.96 |
| 558.90 | 8.99 | 602.62 | 8.25 | 646.11 | 7.55 | 689.38 | 6.96 |
| 559.51 | 8.99 | 603.22 | 8.20 | 646.71 | 7.55 | 689.98 | 6.95 |
| 560.12 | 8.98 | 603.83 | 8.18 | 647.32 | 7.55 | 690.58 | 6.95 |

| | | | |
|--------|------|-------------------|-----------------|
| 691.18 | 6.95 | 734.22 | 6.62 |
| 691.78 | 6.94 | 734.81 | 6.60 |
| 692.38 | 6.94 | 735.41 | 6.58 |
| 692.98 | 6.93 | 736.00 | 6.58 |
| 693.58 | 6.94 | 736.60 | 6.58 |
| 694.18 | 6.94 | 737.20 | 6.56 |
| 694.77 | 6.93 | 737.79 | 6.55 |
| 695.37 | 6.93 | 738.39 | 6.55 |
| 695.97 | 6.93 | 738.98 | 6.54 |
| 696.57 | 6.91 | 739.58 | 6.53 |
| 697.17 | 6.90 | 740.18 | 6.53 |
| 697.77 | 6.90 | 740.77 | 6.53 |
| 698.37 | 6.91 | 741.37 | 6.51 |
| 698.97 | 6.89 | 741.96 | 6.49 |
| 699.57 | 6.88 | 742.56 | 6.48 |
| 700.16 | 6.87 | 743.15 | 6.46 |
| 700.76 | 6.87 | 743.75 | 6.47 |
| 701.36 | 6.87 | 744.35 | 6.46 |
| 701.96 | 6.86 | 744.94 | 6.46 |
| 702.56 | 6.85 | 745.54 | 6.47 |
| 703.16 | 6.83 | 746.13 | 6.45 |
| 703.76 | 6.83 | 746.73 | 6.45 |
| 704.35 | 6.82 | 747.32 | 6.43 |
| 704.95 | 6.81 | 747.92 | 6.42 |
| 705.55 | 6.81 | 748.51 | 6.41 |
| 706.15 | 6.80 | 749.11 | 6.38 |
| 706.75 | 6.80 | 749.70 | 6.37 |
| 707.34 | 6.79 | 750.30 | 6.37 |
| 707.94 | 6.80 | 750.89 | 6.34 |
| 708.54 | 6.80 | 751.49 | 6.31 |
| 709.14 | 6.78 | 752.08 | 6.32 |
| 709.74 | 6.77 | 752.68 | 6.30 |
| 710.33 | 6.77 | 753.27 | 6.28 |
| 710.93 | 6.76 | 753.87 | 6.28 |
| 711.53 | 6.73 | 754.46 | 6.28 |
| 712.13 | 6.72 | 755.06 | 6.27 |
| 712.73 | 6.74 | 755.65 | 6.27 |
| 713.32 | 6.72 | 756.25 | 6.27 |
| 713.92 | 6.71 | 756.84 | 6.26 |
| 714.52 | 6.71 | 757.43 | 6.27 |
| 715.12 | 6.69 | 758.03 | 6.27 |
| 715.71 | 6.69 | 758.62 | 6.25 |
| 716.31 | 6.70 | 759.22 | 6.24 |
| 716.91 | 6.69 | 759.81 | 6.23 |
| 717.51 | 6.70 | 760.41 | 6.22 |
| 718.10 | 6.68 | 761.00 | 6.20 |
| 718.70 | 6.70 | | |
| 719.30 | 6.71 | | |
| 719.90 | 6.70 | | |
| 720.49 | 6.68 | | |
| 721.09 | 6.68 | | |
| 721.69 | 6.68 | | |
| 722.28 | 6.68 | | |
| 722.88 | 6.69 | | |
| 723.48 | 6.69 | | |
| 724.08 | 6.68 | | |
| 724.67 | 6.67 | | |
| 725.27 | 6.68 | | |
| 725.87 | 6.68 | | |
| 726.46 | 6.68 | | |
| 727.06 | 6.69 | | |
| 727.66 | 6.67 | | |
| 728.25 | 6.68 | | |
| 728.85 | 6.66 | | |
| 729.45 | 6.68 | | |
| 730.04 | 6.67 | | |
| 730.64 | 6.67 | | |
| 731.23 | 6.66 | | |
| 731.83 | 6.67 | | |
| 732.43 | 6.65 | | |
| 733.02 | 6.63 | | |
| 733.62 | 6.63 | | |

XBT-02

16

Cruise: 92G02
 Date: Mon Jan 27 1992, Julian day = 27
 Time: 11:59:31 GMT
 Lat: 24 15.023 N
 Lon: 89 27.777 W
 Stn. 2

| | | | | | | | |
|-----------------|------------------|-------|-------|--------|-------|--------|-------|
| 0.65 | 22.61 | 40.04 | 22.59 | 79.28 | 22.11 | 118.35 | 19.32 |
| 1.29 | 22.61 | 40.69 | 22.60 | 79.92 | 22.01 | 118.99 | 19.29 |
| 1.94 | 22.60 | 41.33 | 22.60 | 80.56 | 21.94 | 119.63 | 19.22 |
| 2.59 | 22.61 | 41.98 | 22.59 | 81.20 | 21.90 | 120.27 | 19.19 |
| 3.24 | 22.60 | 42.62 | 22.59 | 81.85 | 21.84 | 120.91 | 19.14 |
| 3.88 | 22.60 | 43.27 | 22.60 | 82.49 | 21.72 | 121.55 | 19.11 |
| 4.53 | 22.59 | 43.91 | 22.60 | 83.13 | 21.66 | 122.19 | 19.07 |
| 5.18 | 22.60 | 44.55 | 22.60 | 83.77 | 21.61 | 122.83 | 19.05 |
| 5.82 | 22.59 | 45.20 | 22.59 | 84.41 | 21.58 | 123.47 | 19.04 |
| 6.47 | 22.59 | 45.84 | 22.59 | 85.05 | 21.55 | 124.11 | 19.02 |
| 7.12 | 22.60 | 46.49 | 22.59 | 85.70 | 21.54 | 124.74 | 18.99 |
| 7.76 | 22.59 | 47.13 | 22.59 | 86.34 | 21.54 | 125.38 | 18.95 |
| 8.41 | 22.60 | 47.77 | 22.59 | 86.98 | 21.55 | 126.02 | 18.92 |
| 9.06 | 22.59 | 48.42 | 22.59 | 87.62 | 21.55 | 126.66 | 18.90 |
| 9.70 | 22.60 | 49.06 | 22.59 | 88.26 | 21.56 | 127.30 | 18.86 |
| 10.35 | 22.60 | 49.71 | 22.59 | 88.90 | 21.52 | 127.94 | 18.82 |
| 11.00 | 22.59 | 50.35 | 22.60 | 89.54 | 21.49 | 128.58 | 18.76 |
| 11.64 | 22.60 | 50.99 | 22.59 | 90.18 | 21.46 | 129.21 | 18.68 |
| 12.29 | 22.59 | 51.64 | 22.59 | 90.83 | 21.43 | 129.85 | 18.63 |
| 12.94 | 22.59 | 52.28 | 22.59 | 91.47 | 21.38 | 130.49 | 18.59 |
| 13.58 | 22.60 | 52.93 | 22.59 | 92.11 | 21.17 | 131.13 | 18.55 |
| 14.23 | 22.60 | 53.57 | 22.59 | 92.75 | 20.91 | 131.77 | 18.52 |
| 14.87 | 22.59 | 54.21 | 22.60 | 93.39 | 20.82 | 132.41 | 18.50 |
| 15.52 | 22.59 | 54.86 | 22.59 | 94.03 | 20.79 | 133.04 | 18.47 |
| 16.17 | 22.59 | 55.50 | 22.59 | 94.67 | 20.72 | 133.68 | 18.46 |
| 16.81 | 22.59 | 56.14 | 22.60 | 95.31 | 20.60 | 134.32 | 18.45 |
| 17.46 | 22.60 | 56.79 | 22.59 | 95.95 | 20.48 | 134.96 | 18.43 |
| 18.10 | 22.59 | 57.43 | 22.60 | 96.59 | 20.39 | 135.60 | 18.42 |
| 18.75 | 22.59 | 58.07 | 22.59 | 97.23 | 20.32 | 136.24 | 18.37 |
| 19.40 | 22.59 | 58.72 | 22.60 | 97.88 | 20.31 | 136.87 | 18.34 |
| 20.04 | 22.60 | 59.36 | 22.59 | 98.52 | 20.33 | 137.51 | 18.32 |
| 20.69 | 22.60 | 60.00 | 22.59 | 99.16 | 20.38 | 138.15 | 18.30 |
| 21.33 | 22.60 | 60.65 | 22.59 | 99.80 | 20.37 | 138.79 | 18.30 |
| 21.98 | 22.59 | 61.29 | 22.60 | 100.44 | 20.29 | 139.43 | 18.28 |
| 22.63 | 22.59 | 61.93 | 22.59 | 101.08 | 20.21 | 140.06 | 18.27 |
| 23.27 | 22.59 | 62.58 | 22.59 | 101.72 | 20.12 | 140.70 | 18.22 |
| 23.92 | 22.59 | 63.22 | 22.59 | 102.36 | 20.07 | 141.34 | 18.17 |
| 24.56 | 22.59 | 63.86 | 22.59 | 103.00 | 20.06 | 141.98 | 18.11 |
| 25.21 | 22.60 | 64.50 | 22.59 | 103.64 | 20.06 | 142.61 | 18.07 |
| 25.85 | 22.60 | 65.15 | 22.59 | 104.28 | 20.09 | 143.25 | 18.02 |
| 26.50 | 22.60 | 65.79 | 22.59 | 104.92 | 20.11 | 143.89 | 17.98 |
| 27.14 | 22.59 | 66.43 | 22.59 | 105.56 | 20.16 | 144.53 | 17.96 |
| 27.79 | 22.60 | 67.08 | 22.59 | 106.20 | 20.18 | 145.16 | 17.93 |
| 28.43 | 22.60 | 67.72 | 22.59 | 106.84 | 20.14 | 145.80 | 17.90 |
| 29.08 | 22.59 | 68.36 | 22.59 | 107.48 | 20.13 | 146.44 | 17.86 |
| 29.73 | 22.59 | 69.00 | 22.59 | 108.12 | 20.14 | 147.08 | 17.81 |
| 30.37 | 22.59 | 69.65 | 22.59 | 108.76 | 20.16 | 147.71 | 17.79 |
| 31.02 | 22.60 | 70.29 | 22.59 | 109.40 | 20.09 | 148.35 | 17.76 |
| 31.66 | 22.60 | 70.93 | 22.58 | 110.04 | 20.05 | 148.99 | 17.72 |
| 32.31 | 22.60 | 71.57 | 22.58 | 110.68 | 19.99 | 149.62 | 17.68 |
| 32.95 | 22.60 | 72.22 | 22.56 | 111.32 | 19.95 | 150.26 | 17.62 |
| 33.60 | 22.60 | 72.86 | 22.55 | 111.96 | 19.85 | 150.90 | 17.56 |
| 34.24 | 22.60 | 73.50 | 22.52 | 112.60 | 19.70 | 151.54 | 17.50 |
| 34.89 | 22.60 | 74.14 | 22.51 | 113.24 | 19.60 | 152.17 | 17.46 |
| 35.53 | 22.59 | 74.78 | 22.48 | 113.88 | 19.56 | 152.81 | 17.44 |
| 36.18 | 22.60 | 75.43 | 22.47 | 114.52 | 19.53 | 153.45 | 17.42 |
| 36.82 | 22.60 | 76.07 | 22.43 | 115.16 | 19.50 | 154.08 | 17.40 |
| 37.46 | 22.59 | 76.71 | 22.40 | 115.80 | 19.44 | 154.72 | 17.38 |
| 38.11 | 22.60 | 77.35 | 22.33 | 116.44 | 19.40 | 155.36 | 17.34 |
| 38.75 | 22.59 | 77.99 | 22.24 | 117.07 | 19.36 | 155.99 | 17.30 |
| 39.40 | 22.59 | 78.64 | 22.18 | 117.71 | 19.33 | 156.63 | 17.25 |

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 157.27 | 17.20 | 202.99 | 15.09 | 248.49 | 13.79 | 293.77 | 12.45 |
| 157.90 | 17.18 | 203.63 | 15.09 | 249.12 | 13.77 | 294.40 | 12.44 |
| 158.54 | 17.17 | 204.26 | 15.04 | 249.75 | 13.74 | 295.02 | 12.43 |
| 159.18 | 17.14 | 204.89 | 15.01 | 250.38 | 13.71 | 295.65 | 12.41 |
| 159.81 | 17.13 | 205.53 | 14.96 | 251.01 | 13.64 | 296.28 | 12.39 |
| 160.45 | 17.10 | 206.16 | 14.95 | 251.64 | 13.61 | 296.90 | 12.36 |
| 161.09 | 17.04 | 206.79 | 14.92 | 252.27 | 13.59 | 297.53 | 12.34 |
| 161.72 | 16.98 | 207.43 | 14.90 | 252.90 | 13.58 | 298.16 | 12.32 |
| 162.36 | 16.92 | 208.06 | 14.86 | 253.53 | 13.57 | 298.79 | 12.29 |
| 163.00 | 16.89 | 208.69 | 14.83 | 254.16 | 13.55 | 299.41 | 12.28 |
| 163.63 | 16.84 | 209.32 | 14.80 | 254.79 | 13.55 | 300.04 | 12.26 |
| 164.27 | 16.80 | 209.96 | 14.76 | 255.42 | 13.52 | 300.67 | 12.24 |
| 164.90 | 16.76 | 210.59 | 14.73 | 256.05 | 13.50 | 301.29 | 12.22 |
| 165.54 | 16.72 | 211.22 | 14.70 | 256.68 | 13.49 | 301.92 | 12.22 |
| 166.18 | 16.67 | 211.86 | 14.69 | 257.31 | 13.47 | 302.55 | 12.22 |
| 166.81 | 16.62 | 212.49 | 14.69 | 257.94 | 13.44 | 303.17 | 12.21 |
| 167.45 | 16.57 | 213.12 | 14.65 | 258.57 | 13.42 | 303.80 | 12.18 |
| 168.08 | 16.54 | 213.76 | 14.60 | 259.20 | 13.42 | 304.43 | 12.14 |
| 168.72 | 16.53 | 214.39 | 14.57 | 259.83 | 13.39 | 305.05 | 12.11 |
| 169.36 | 16.50 | 215.02 | 14.55 | 260.46 | 13.39 | 305.68 | 12.08 |
| 169.99 | 16.43 | 215.65 | 14.53 | 261.09 | 13.38 | 306.31 | 12.07 |
| 170.63 | 16.37 | 216.29 | 14.50 | 261.72 | 13.36 | 306.93 | 12.04 |
| 171.26 | 16.32 | 216.92 | 14.48 | 262.35 | 13.36 | 307.56 | 12.00 |
| 171.90 | 16.26 | 217.55 | 14.47 | 262.98 | 13.35 | 308.18 | 11.97 |
| 172.53 | 16.20 | 218.18 | 14.47 | 263.61 | 13.36 | 308.81 | 11.96 |
| 173.17 | 16.17 | 218.82 | 14.46 | 264.24 | 13.35 | 309.44 | 11.94 |
| 173.80 | 16.13 | 219.45 | 14.43 | 264.87 | 13.33 | 310.06 | 11.93 |
| 174.44 | 16.11 | 220.08 | 14.42 | 265.50 | 13.32 | 310.69 | 11.93 |
| 175.08 | 16.10 | 220.71 | 14.41 | 266.13 | 13.32 | 311.32 | 11.92 |
| 175.71 | 16.09 | 221.35 | 14.37 | 266.76 | 13.30 | 311.94 | 11.91 |
| 176.35 | 16.05 | 221.98 | 14.35 | 267.38 | 13.30 | 312.57 | 11.91 |
| 176.98 | 16.04 | 222.61 | 14.34 | 268.01 | 13.27 | 313.19 | 11.90 |
| 177.62 | 16.01 | 223.24 | 14.35 | 268.64 | 13.25 | 313.82 | 11.91 |
| 178.25 | 16.00 | 223.87 | 14.34 | 269.27 | 13.21 | 314.45 | 11.90 |
| 178.89 | 15.97 | 224.51 | 14.30 | 269.90 | 13.19 | 315.07 | 11.89 |
| 179.52 | 15.95 | 225.14 | 14.28 | 270.53 | 13.16 | 315.70 | 11.86 |
| 180.16 | 15.92 | 225.77 | 14.27 | 271.16 | 13.16 | 316.32 | 11.83 |
| 180.79 | 15.89 | 226.40 | 14.27 | 271.79 | 13.15 | 316.95 | 11.83 |
| 181.43 | 15.87 | 227.03 | 14.27 | 272.42 | 13.14 | 317.57 | 11.82 |
| 182.06 | 15.85 | 227.67 | 14.27 | 273.04 | 13.12 | 318.20 | 11.82 |
| 182.70 | 15.82 | 228.30 | 14.25 | 273.67 | 13.11 | 318.83 | 11.80 |
| 183.33 | 15.77 | 228.93 | 14.25 | 274.30 | 13.10 | 319.45 | 11.78 |
| 183.97 | 15.74 | 229.56 | 14.22 | 274.93 | 13.07 | 320.08 | 11.79 |
| 184.60 | 15.71 | 230.19 | 14.22 | 275.56 | 13.05 | 320.70 | 11.78 |
| 185.24 | 15.68 | 230.82 | 14.20 | 276.19 | 13.03 | 321.33 | 11.77 |
| 185.87 | 15.64 | 231.46 | 14.20 | 276.82 | 13.02 | 321.95 | 11.75 |
| 186.51 | 15.63 | 232.09 | 14.19 | 277.44 | 13.00 | 322.58 | 11.75 |
| 187.14 | 15.60 | 232.72 | 14.18 | 278.07 | 12.98 | 323.20 | 11.74 |
| 187.78 | 15.59 | 233.35 | 14.14 | 278.70 | 12.97 | 323.83 | 11.73 |
| 188.41 | 15.58 | 233.98 | 14.12 | 279.33 | 12.95 | 324.45 | 11.73 |
| 189.04 | 15.57 | 234.61 | 14.10 | 279.96 | 12.92 | 325.08 | 11.73 |
| 189.68 | 15.52 | 235.24 | 14.10 | 280.59 | 12.88 | 325.70 | 11.72 |
| 190.31 | 15.47 | 235.88 | 14.09 | 281.21 | 12.85 | 326.33 | 11.71 |
| 190.95 | 15.45 | 236.51 | 14.08 | 281.84 | 12.83 | 326.95 | 11.69 |
| 191.58 | 15.43 | 237.14 | 14.07 | 282.47 | 12.82 | 327.58 | 11.68 |
| 192.22 | 15.41 | 237.77 | 14.04 | 283.10 | 12.79 | 328.20 | 11.66 |
| 192.85 | 15.41 | 238.40 | 14.01 | 283.73 | 12.78 | 328.83 | 11.65 |
| 193.48 | 15.41 | 239.03 | 13.99 | 284.35 | 12.75 | 329.45 | 11.64 |
| 194.12 | 15.39 | 239.66 | 13.98 | 284.98 | 12.72 | 330.08 | 11.63 |
| 194.75 | 15.38 | 240.29 | 13.96 | 285.61 | 12.69 | 330.70 | 11.62 |
| 195.39 | 15.37 | 240.92 | 13.95 | 286.24 | 12.67 | 331.33 | 11.61 |
| 196.02 | 15.35 | 241.56 | 13.93 | 286.87 | 12.64 | 331.95 | 11.61 |
| 196.65 | 15.33 | 242.19 | 13.93 | 287.49 | 12.62 | 332.58 | 11.61 |
| 197.29 | 15.28 | 242.82 | 13.91 | 288.12 | 12.58 | 333.20 | 11.58 |
| 197.92 | 15.24 | 243.45 | 13.90 | 288.75 | 12.56 | 333.83 | 11.57 |
| 198.56 | 15.22 | 244.08 | 13.90 | 289.38 | 12.56 | 334.45 | 11.54 |
| 199.19 | 15.21 | 244.71 | 13.87 | 290.00 | 12.55 | 335.08 | 11.52 |
| 199.82 | 15.21 | 245.34 | 13.86 | 290.63 | 12.55 | 335.70 | 11.51 |
| 200.46 | 15.17 | 245.97 | 13.83 | 291.26 | 12.53 | 336.32 | 11.50 |
| 201.09 | 15.14 | 246.60 | 13.81 | 291.89 | 12.52 | 336.95 | 11.49 |
| 201.72 | 15.13 | 247.23 | 13.81 | 292.51 | 12.49 | 337.57 | 11.49 |
| 202.36 | 15.13 | 247.86 | 13.80 | 293.14 | 12.47 | 338.20 | 11.48 |

| | | | | | | | |
|--------|-------|--------|-------|--------|------|--------|------|
| 338.82 | 11.48 | 383.65 | 10.37 | 428.25 | 9.59 | 472.64 | 8.79 |
| 339.45 | 11.47 | 384.27 | 10.34 | 428.87 | 9.60 | 473.25 | 8.79 |
| 340.07 | 11.44 | 384.89 | 10.34 | 429.49 | 9.58 | 473.86 | 8.76 |
| 340.69 | 11.43 | 385.51 | 10.34 | 430.11 | 9.57 | 474.48 | 8.73 |
| 341.32 | 11.41 | 386.13 | 10.31 | 430.73 | 9.56 | 475.09 | 8.72 |
| 341.94 | 11.39 | 386.75 | 10.30 | 431.34 | 9.56 | 475.71 | 8.69 |
| 342.57 | 11.39 | 387.38 | 10.29 | 431.96 | 9.54 | 476.32 | 8.69 |
| 343.19 | 11.39 | 388.00 | 10.30 | 432.58 | 9.53 | 476.94 | 8.67 |
| 343.81 | 11.39 | 388.62 | 10.28 | 433.20 | 9.52 | 477.55 | 8.66 |
| 344.44 | 11.38 | 389.24 | 10.28 | 433.81 | 9.49 | 478.17 | 8.64 |
| 345.06 | 11.37 | 389.86 | 10.27 | 434.43 | 9.49 | 478.78 | 8.63 |
| 345.68 | 11.34 | 390.48 | 10.27 | 435.05 | 9.48 | 479.40 | 8.64 |
| 346.31 | 11.31 | 391.10 | 10.25 | 435.67 | 9.49 | 480.01 | 8.64 |
| 346.93 | 11.30 | 391.72 | 10.24 | 436.28 | 9.49 | 480.62 | 8.61 |
| 347.56 | 11.27 | 392.34 | 10.25 | 436.90 | 9.47 | 481.24 | 8.61 |
| 348.18 | 11.26 | 392.96 | 10.23 | 437.52 | 9.45 | 481.85 | 8.61 |
| 348.80 | 11.25 | 393.58 | 10.23 | 438.14 | 9.43 | 482.47 | 8.59 |
| 349.43 | 11.23 | 394.20 | 10.22 | 438.75 | 9.41 | 483.08 | 8.58 |
| 350.05 | 11.20 | 394.82 | 10.22 | 439.37 | 9.41 | 483.70 | 8.58 |
| 350.67 | 11.20 | 395.44 | 10.23 | 439.99 | 9.37 | 484.31 | 8.57 |
| 351.30 | 11.19 | 396.06 | 10.22 | 440.60 | 9.37 | 484.92 | 8.55 |
| 351.92 | 11.19 | 396.68 | 10.22 | 441.22 | 9.34 | 485.54 | 8.54 |
| 352.54 | 11.17 | 397.30 | 10.21 | 441.84 | 9.33 | 486.15 | 8.54 |
| 353.17 | 11.15 | 397.92 | 10.21 | 442.46 | 9.31 | 486.77 | 8.52 |
| 353.79 | 11.14 | 398.54 | 10.21 | 443.07 | 9.31 | 487.38 | 8.51 |
| 354.41 | 11.12 | 399.16 | 10.21 | 443.69 | 9.30 | 487.99 | 8.50 |
| 355.04 | 11.09 | 399.78 | 10.17 | 444.31 | 9.29 | 488.61 | 8.50 |
| 355.66 | 11.08 | 400.40 | 10.15 | 444.92 | 9.29 | 489.22 | 8.48 |
| 356.28 | 11.06 | 401.02 | 10.14 | 445.54 | 9.28 | 489.83 | 8.47 |
| 356.90 | 11.04 | 401.64 | 10.12 | 446.16 | 9.29 | 490.45 | 8.47 |
| 357.53 | 11.01 | 402.26 | 10.11 | 446.77 | 9.29 | 491.06 | 8.44 |
| 358.15 | 10.99 | 402.88 | 10.10 | 447.39 | 9.29 | 491.67 | 8.44 |
| 358.77 | 11.00 | 403.50 | 10.09 | 448.01 | 9.28 | 492.29 | 8.42 |
| 359.40 | 10.98 | 404.12 | 10.08 | 448.62 | 9.28 | 492.90 | 8.42 |
| 360.02 | 10.97 | 404.74 | 10.08 | 449.24 | 9.25 | 493.51 | 8.42 |
| 360.64 | 10.96 | 405.36 | 10.06 | 449.86 | 9.22 | 494.13 | 8.41 |
| 361.26 | 10.95 | 405.98 | 10.06 | 450.47 | 9.20 | 494.74 | 8.40 |
| 361.89 | 10.95 | 406.60 | 10.03 | 451.09 | 9.18 | 495.35 | 8.39 |
| 362.51 | 10.93 | 407.22 | 10.02 | 451.71 | 9.16 | 495.97 | 8.39 |
| 363.13 | 10.91 | 407.84 | 10.00 | 452.32 | 9.13 | 496.58 | 8.37 |
| 363.75 | 10.91 | 408.46 | 10.00 | 452.94 | 9.12 | 497.19 | 8.39 |
| 364.38 | 10.89 | 409.08 | 9.97 | 453.55 | 9.12 | 497.81 | 8.39 |
| 365.00 | 10.88 | 409.70 | 9.97 | 454.17 | 9.11 | 498.42 | 8.37 |
| 365.62 | 10.85 | 410.32 | 9.95 | 454.79 | 9.10 | 499.03 | 8.35 |
| 366.24 | 10.82 | 410.93 | 9.92 | 455.40 | 9.09 | 499.65 | 8.34 |
| 366.87 | 10.80 | 411.55 | 9.90 | 456.02 | 9.09 | 500.26 | 8.32 |
| 367.49 | 10.78 | 412.17 | 9.89 | 456.63 | 9.05 | 500.87 | 8.32 |
| 368.11 | 10.78 | 412.79 | 9.88 | 457.25 | 9.04 | 501.49 | 8.30 |
| 368.73 | 10.76 | 413.41 | 9.87 | 457.87 | 9.03 | 502.10 | 8.29 |
| 369.35 | 10.76 | 414.03 | 9.87 | 458.48 | 9.04 | 502.71 | 8.28 |
| 369.98 | 10.74 | 414.65 | 9.86 | 459.10 | 9.03 | 503.32 | 8.28 |
| 370.60 | 10.72 | 415.27 | 9.85 | 459.71 | 9.01 | 503.94 | 8.27 |
| 371.22 | 10.69 | 415.89 | 9.84 | 460.33 | 8.99 | 504.55 | 8.26 |
| 371.84 | 10.68 | 416.51 | 9.83 | 460.95 | 8.96 | 505.16 | 8.26 |
| 372.46 | 10.67 | 417.12 | 9.80 | 461.56 | 8.96 | 505.77 | 8.26 |
| 373.09 | 10.66 | 417.74 | 9.78 | 462.18 | 8.94 | 506.39 | 8.26 |
| 373.71 | 10.63 | 418.36 | 9.76 | 462.79 | 8.93 | 507.00 | 8.26 |
| 374.33 | 10.60 | 418.98 | 9.74 | 463.41 | 8.92 | 507.61 | 8.24 |
| 374.95 | 10.57 | 419.60 | 9.73 | 464.02 | 8.93 | 508.22 | 8.25 |
| 375.57 | 10.56 | 420.22 | 9.72 | 464.64 | 8.92 | 508.84 | 8.23 |
| 376.19 | 10.54 | 420.84 | 9.72 | 465.25 | 8.91 | 509.45 | 8.22 |
| 376.82 | 10.51 | 421.45 | 9.72 | 465.87 | 8.91 | 510.06 | 8.20 |
| 377.44 | 10.49 | 422.07 | 9.70 | 466.48 | 8.89 | 510.67 | 8.17 |
| 378.06 | 10.47 | 422.69 | 9.69 | 467.10 | 8.89 | 511.28 | 8.15 |
| 378.68 | 10.46 | 423.31 | 9.68 | 467.72 | 8.87 | 511.90 | 8.14 |
| 379.30 | 10.45 | 423.93 | 9.67 | 468.33 | 8.86 | 512.51 | 8.14 |
| 379.92 | 10.42 | 424.55 | 9.66 | 468.95 | 8.85 | 513.12 | 8.31 |
| 380.54 | 10.42 | 425.16 | 9.66 | 469.56 | 8.84 | 513.73 | 8.14 |
| 381.17 | 10.40 | 425.78 | 9.64 | 470.18 | 8.84 | 514.34 | 8.09 |
| 381.79 | 10.39 | 426.40 | 9.62 | 470.79 | 8.82 | 514.96 | 8.07 |
| 382.41 | 10.39 | 427.02 | 9.61 | 471.41 | 8.81 | 515.57 | 8.07 |
| 383.03 | 10.37 | 427.64 | 9.60 | 472.02 | 8.80 | 516.18 | 8.06 |

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|--------|------|--------|------|--------|------|--------|------|
| 516.79 | 8.05 | 560.72 | 7.50 | 604.43 | 6.96 | 647.92 | 6.53 |
| 517.40 | 8.04 | 561.33 | 7.50 | 605.04 | 6.95 | 648.52 | 6.53 |
| 518.02 | 8.04 | 561.94 | 7.48 | 605.64 | 6.94 | 649.12 | 6.54 |
| 518.63 | 8.05 | 562.55 | 7.48 | 606.25 | 6.93 | 649.73 | 6.52 |
| 519.24 | 8.03 | 563.16 | 7.45 | 606.86 | 6.94 | 650.33 | 6.52 |
| 519.85 | 8.03 | 563.77 | 7.46 | 607.46 | 6.93 | 650.93 | 6.51 |
| 520.46 | 8.02 | 564.38 | 7.44 | 608.07 | 6.93 | 651.53 | 6.51 |
| 521.07 | 8.03 | 564.98 | 7.44 | 608.67 | 6.92 | 652.13 | 6.49 |
| 521.68 | 8.01 | 565.59 | 7.42 | 609.28 | 6.92 | 652.74 | 6.49 |
| 522.30 | 7.99 | 566.20 | 7.41 | 609.88 | 6.90 | 653.34 | 6.49 |
| 522.91 | 7.99 | 566.81 | 7.40 | 610.49 | 6.89 | 653.94 | 6.47 |
| 523.52 | 7.98 | 567.42 | 7.41 | 611.09 | 6.88 | 654.54 | 6.47 |
| 524.13 | 7.97 | 568.03 | 7.40 | 611.70 | 6.88 | 655.14 | 6.46 |
| 524.74 | 7.96 | 568.63 | 7.40 | 612.30 | 6.88 | 655.75 | 6.47 |
| 525.35 | 7.96 | 569.24 | 7.39 | 612.91 | 6.87 | 656.35 | 6.45 |
| 525.96 | 7.97 | 569.85 | 7.38 | 613.51 | 6.86 | 656.95 | 6.45 |
| 526.57 | 7.97 | 570.46 | 7.36 | 614.12 | 6.84 | 657.55 | 6.43 |
| 527.19 | 7.96 | 571.07 | 7.35 | 614.72 | 6.83 | 658.15 | 6.42 |
| 527.80 | 7.96 | 571.67 | 7.35 | 615.33 | 6.82 | 658.75 | 6.39 |
| 528.41 | 7.95 | 572.28 | 7.34 | 615.93 | 6.81 | 659.36 | 6.40 |
| 529.02 | 7.95 | 572.89 | 7.33 | 616.54 | 6.80 | 659.96 | 6.38 |
| 529.63 | 7.95 | 573.50 | 7.34 | 617.14 | 6.80 | 660.56 | 6.37 |
| 530.24 | 7.94 | 574.10 | 7.32 | 617.74 | 6.79 | 661.16 | 6.37 |
| 530.85 | 7.93 | 574.71 | 7.31 | 618.35 | 6.78 | 661.76 | 6.34 |
| 531.46 | 7.91 | 575.32 | 7.30 | 618.95 | 6.79 | 662.36 | 6.35 |
| 532.07 | 7.90 | 575.93 | 7.31 | 619.56 | 6.79 | 662.96 | 6.33 |
| 532.68 | 7.88 | 576.53 | 7.30 | 620.16 | 6.79 | 663.57 | 6.34 |
| 533.29 | 7.88 | 577.14 | 7.29 | 620.77 | 6.77 | 664.17 | 6.33 |
| 533.90 | 7.85 | 577.75 | 7.29 | 621.37 | 6.75 | 664.77 | 6.32 |
| 534.51 | 7.84 | 578.36 | 7.28 | 621.98 | 6.75 | 665.37 | 6.31 |
| 535.12 | 7.83 | 578.96 | 7.27 | 622.58 | 6.73 | 665.97 | 6.31 |
| 535.73 | 7.83 | 579.57 | 7.24 | 623.18 | 6.73 | 666.57 | 6.30 |
| 536.35 | 7.83 | 580.18 | 7.23 | 623.79 | 6.73 | 667.17 | 6.29 |
| 536.96 | 7.84 | 580.79 | 7.23 | 624.39 | 6.73 | 667.77 | 6.29 |
| 537.57 | 7.80 | 581.39 | 7.22 | 625.00 | 6.73 | 668.38 | 6.29 |
| 538.18 | 7.80 | 582.00 | 7.22 | 625.60 | 6.72 | 668.98 | 6.28 |
| 538.79 | 7.77 | 582.61 | 7.21 | 626.20 | 6.72 | 669.58 | 6.27 |
| 539.40 | 7.77 | 583.21 | 7.21 | 626.81 | 6.72 | 670.18 | 6.25 |
| 540.01 | 7.75 | 583.82 | 7.20 | 627.41 | 6.72 | 670.78 | 6.26 |
| 540.62 | 7.76 | 584.43 | 7.20 | 628.02 | 6.72 | 671.38 | 6.24 |
| 541.23 | 7.74 | 585.04 | 7.18 | 628.62 | 6.71 | 671.98 | 6.23 |
| 541.84 | 7.74 | 585.64 | 7.16 | 629.22 | 6.72 | 672.58 | 6.23 |
| 542.45 | 7.73 | 586.25 | 7.16 | 629.83 | 6.71 | 673.18 | 6.21 |
| 543.06 | 7.73 | 586.86 | 7.14 | 630.43 | 6.71 | 673.78 | 6.21 |
| 543.67 | 7.74 | 587.46 | 7.13 | 631.03 | 6.71 | 674.38 | 6.20 |
| 544.28 | 7.72 | 588.07 | 7.14 | 631.64 | 6.71 | 674.98 | 6.19 |
| 544.89 | 7.71 | 588.68 | 7.12 | 632.24 | 6.70 | 675.58 | 6.19 |
| 545.50 | 7.71 | 589.28 | 7.12 | 632.84 | 6.69 | 676.18 | 6.18 |
| 546.11 | 7.69 | 589.89 | 7.11 | 633.45 | 6.68 | 676.78 | 6.18 |
| 546.71 | 7.68 | 590.50 | 7.10 | 634.05 | 6.68 | 677.38 | 6.18 |
| 547.32 | 7.68 | 591.10 | 7.09 | 634.66 | 6.67 | 677.98 | 6.18 |
| 547.93 | 7.66 | 591.71 | 7.09 | 635.26 | 6.65 | 678.58 | 6.19 |
| 548.54 | 7.65 | 592.31 | 7.07 | 635.86 | 6.66 | 679.18 | 6.16 |
| 549.15 | 7.62 | 592.92 | 7.07 | 636.47 | 6.65 | 679.79 | 6.16 |
| 549.76 | 7.61 | 593.53 | 7.06 | 637.07 | 6.63 | 680.39 | 6.16 |
| 550.37 | 7.60 | 594.13 | 7.05 | 637.67 | 6.64 | 680.99 | 6.18 |
| 550.98 | 7.60 | 594.74 | 7.04 | 638.27 | 6.62 | 681.59 | 6.16 |
| 551.59 | 7.59 | 595.35 | 7.04 | 638.88 | 6.64 | 682.19 | 6.15 |
| 552.20 | 7.58 | 595.95 | 7.02 | 639.48 | 6.63 | 682.79 | 6.16 |
| 552.81 | 7.58 | 596.56 | 7.02 | 640.08 | 6.62 | 683.38 | 6.16 |
| 553.42 | 7.58 | 597.16 | 7.00 | 640.69 | 6.61 | 683.98 | 6.14 |
| 554.03 | 7.57 | 597.77 | 7.00 | 641.29 | 6.60 | 684.58 | 6.15 |
| 554.64 | 7.56 | 598.38 | 6.99 | 641.89 | 6.60 | 685.18 | 6.15 |
| 555.25 | 7.56 | 598.98 | 6.98 | 642.50 | 6.60 | 685.78 | 6.14 |
| 555.85 | 7.54 | 599.59 | 6.98 | 643.10 | 6.59 | 686.38 | 6.15 |
| 556.46 | 7.55 | 600.19 | 6.98 | 643.70 | 6.58 | 686.98 | 6.14 |
| 557.07 | 7.53 | 600.80 | 6.98 | 644.30 | 6.57 | 687.58 | 6.13 |
| 557.68 | 7.52 | 601.41 | 6.97 | 644.91 | 6.57 | 688.18 | 6.14 |
| 558.29 | 7.51 | 602.01 | 6.98 | 645.51 | 6.56 | 688.78 | 6.15 |
| 558.90 | 7.50 | 602.62 | 6.96 | 646.11 | 6.55 | 689.38 | 6.14 |
| 559.51 | 7.50 | 603.22 | 6.97 | 646.71 | 6.55 | 689.98 | 6.14 |
| 560.12 | 7.49 | 603.83 | 6.99 | 647.32 | 6.53 | 690.58 | 6.15 |

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|--------|------|-------------------|-----------------|
| 691.18 | 6.13 | 734.22 | 5.76 |
| 691.78 | 6.13 | 734.81 | 5.75 |
| 692.38 | 6.14 | 735.41 | 5.77 |
| 692.98 | 6.14 | 736.00 | 5.76 |
| 693.58 | 6.12 | 736.60 | 5.76 |
| 694.18 | 6.11 | 737.20 | 5.77 |
| 694.77 | 6.10 | 737.79 | 5.75 |
| 695.37 | 6.09 | 738.39 | 5.75 |
| 695.97 | 6.08 | 738.98 | 5.73 |
| 696.57 | 6.16 | 739.58 | 5.73 |
| 697.17 | 6.11 | 740.18 | 5.72 |
| 697.77 | 6.08 | 740.77 | 5.72 |
| 698.37 | 6.07 | 741.37 | 5.74 |
| 698.97 | 6.05 | 741.96 | 5.74 |
| 699.57 | 6.04 | 742.56 | 5.74 |
| 700.16 | 6.03 | 743.15 | 5.74 |
| 700.76 | 6.03 | 743.75 | 5.74 |
| 701.36 | 6.03 | 744.35 | 5.74 |
| 701.96 | 6.02 | 744.94 | 5.73 |
| 702.56 | 6.01 | 745.54 | 5.74 |
| 703.16 | 6.01 | 746.13 | 5.73 |
| 703.76 | 6.01 | 746.73 | 5.74 |
| 704.35 | 6.01 | 747.32 | 5.72 |
| 704.95 | 5.99 | 747.92 | 5.72 |
| 705.55 | 5.98 | 748.51 | 5.72 |
| 706.15 | 5.99 | 749.11 | 5.73 |
| 706.75 | 5.97 | 749.70 | 5.72 |
| 707.34 | 5.97 | 750.30 | 5.72 |
| 707.94 | 5.97 | 750.89 | 5.72 |
| 708.54 | 5.95 | 751.49 | 5.71 |
| 709.14 | 5.97 | 752.08 | 5.70 |
| 709.74 | 5.94 | 752.68 | 5.71 |
| 710.33 | 5.94 | 753.27 | 5.69 |
| 710.93 | 5.94 | 753.87 | 5.70 |
| 711.53 | 5.93 | 754.46 | 5.69 |
| 712.13 | 5.93 | 755.06 | 5.70 |
| 712.73 | 5.93 | 755.65 | 5.69 |
| 713.32 | 5.91 | 756.25 | 5.69 |
| 713.92 | 5.91 | 756.84 | 5.68 |
| 714.52 | 5.91 | 757.43 | 5.69 |
| 715.12 | 5.90 | 758.03 | 5.69 |
| 715.71 | 5.90 | 758.62 | 5.68 |
| 716.31 | 5.90 | 759.22 | 5.69 |
| 716.91 | 5.88 | 759.81 | 5.68 |
| 717.51 | 5.88 | 760.41 | 5.68 |
| 718.10 | 5.87 | | |
| 718.70 | 5.88 | | |
| 719.30 | 5.86 | | |
| 719.90 | 5.86 | | |
| 720.49 | 5.86 | | |
| 721.09 | 5.84 | | |
| 721.69 | 5.84 | | |
| 722.28 | 5.82 | | |
| 722.88 | 5.84 | | |
| 723.48 | 5.83 | | |
| 724.08 | 5.83 | | |
| 724.67 | 5.82 | | |
| 725.27 | 5.81 | | |
| 725.87 | 5.82 | | |
| 726.46 | 5.81 | | |
| 727.06 | 5.79 | | |
| 727.66 | 5.80 | | |
| 728.25 | 5.79 | | |
| 728.85 | 5.79 | | |
| 729.45 | 5.79 | | |
| 730.04 | 5.77 | | |
| 730.64 | 5.78 | | |
| 731.23 | 5.77 | | |
| 731.83 | 5.77 | | |
| 732.43 | 5.76 | | |
| 733.02 | 5.76 | | |
| 733.62 | 5.76 | | |

XBT-03

Cruise: 92G02
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|-------|-------|-------|-------|--------|-------|--------|-------|
| 3.24 | 22.36 | 41.98 | 22.36 | 83.13 | 22.25 | 124.11 | 20.40 |
| 3.88 | 22.37 | 42.62 | 22.36 | 83.77 | 22.23 | 124.74 | 20.36 |
| 4.53 | 22.36 | 43.27 | 22.36 | 84.41 | 22.21 | 125.38 | 20.32 |
| 5.18 | 22.36 | 43.91 | 22.36 | 85.05 | 22.18 | 126.02 | 20.28 |
| 5.82 | 22.35 | 44.55 | 22.36 | 85.70 | 22.16 | 126.66 | 20.23 |
| 6.47 | 22.36 | 45.20 | 22.36 | 86.34 | 22.14 | 127.30 | 20.18 |
| 7.12 | 22.36 | 45.84 | 22.36 | 86.98 | 22.13 | 127.94 | 20.12 |
| 7.76 | 22.36 | 46.49 | 22.36 | 87.62 | 22.12 | 128.58 | 20.09 |
| 8.41 | 22.36 | 47.13 | 22.36 | 88.26 | 22.11 | 129.21 | 20.02 |
| 9.06 | 22.36 | 47.77 | 22.36 | 88.90 | 22.09 | 129.85 | 19.96 |
| 9.70 | 22.36 | 48.42 | 22.36 | 89.54 | 22.07 | 130.49 | 19.88 |
| 10.35 | 22.36 | 49.06 | 22.36 | 90.18 | 22.06 | 131.13 | 19.83 |
| 11.00 | 22.36 | 49.71 | 22.36 | 90.83 | 22.05 | 131.77 | 19.76 |
| 11.64 | 22.36 | 50.35 | 22.37 | 91.47 | 22.03 | 132.41 | 19.71 |
| 12.29 | 22.36 | 50.99 | 22.36 | 92.11 | 22.03 | 133.04 | 19.58 |
| 12.94 | 22.36 | 51.64 | 22.36 | 92.75 | 22.02 | 133.68 | 19.39 |
| 13.58 | 22.37 | 52.28 | 22.36 | 93.39 | 22.01 | 134.32 | 19.22 |
| 14.23 | 22.36 | 52.93 | 22.36 | 94.03 | 22.00 | 134.96 | 19.11 |
| 14.87 | 22.36 | 53.57 | 22.36 | 94.67 | 21.99 | 135.60 | 19.00 |
| 15.52 | 22.36 | 54.21 | 22.37 | 95.31 | 21.99 | 136.24 | 18.95 |
| 16.17 | 22.36 | 54.86 | 22.37 | 95.95 | 21.97 | 136.87 | 18.87 |
| 16.81 | 22.36 | 55.50 | 22.37 | 96.59 | 21.96 | 137.51 | 18.81 |
| 17.46 | 22.36 | 56.14 | 22.37 | 97.23 | 21.95 | 138.15 | 18.77 |
| 18.10 | 22.36 | 56.79 | 22.37 | 97.88 | 21.94 | 138.79 | 18.73 |
| 18.75 | 22.37 | 57.43 | 22.36 | 98.52 | 21.93 | 139.43 | 18.71 |
| 19.40 | 22.36 | 58.07 | 22.36 | 99.16 | 21.91 | 140.06 | 18.70 |
| 20.04 | 22.36 | 58.72 | 22.36 | 99.80 | 21.90 | 140.70 | 18.68 |
| 20.69 | 22.36 | 59.36 | 22.37 | 100.44 | 21.89 | 141.34 | 18.65 |
| 21.33 | 22.36 | 60.00 | 22.36 | 101.08 | 21.88 | 141.98 | 18.59 |
| 21.98 | 22.36 | 60.65 | 22.36 | 101.72 | 21.88 | 142.61 | 18.53 |
| 22.63 | 22.36 | 61.29 | 22.37 | 102.36 | 21.87 | 143.25 | 18.47 |
| 23.27 | 22.36 | 61.93 | 22.36 | 103.00 | 21.87 | 143.89 | 18.44 |
| 23.92 | 22.36 | 62.58 | 22.36 | 103.64 | 21.86 | 144.53 | 18.43 |
| 24.56 | 22.36 | 63.22 | 22.36 | 104.28 | 21.86 | 145.16 | 18.42 |
| 25.21 | 22.36 | 63.86 | 22.37 | 104.92 | 21.84 | 145.80 | 18.41 |
| 25.85 | 22.36 | 64.50 | 22.37 | 105.56 | 21.83 | 146.44 | 18.34 |
| 26.50 | 22.36 | 65.15 | 22.36 | 106.20 | 21.81 | 147.08 | 18.27 |
| 27.14 | 22.36 | 65.79 | 22.37 | 106.84 | 21.80 | 147.71 | 18.24 |
| 27.79 | 22.36 | 66.43 | 22.37 | 107.48 | 21.79 | 148.35 | 18.19 |
| 28.43 | 22.36 | 67.08 | 22.37 | 108.12 | 21.78 | 148.99 | 18.17 |
| 29.08 | 22.36 | 67.72 | 22.37 | 108.76 | 21.78 | 149.62 | 18.16 |
| 29.73 | 22.36 | 68.36 | 22.37 | 109.40 | 21.77 | 150.26 | 18.11 |
| 30.37 | 22.36 | 69.00 | 22.37 | 110.04 | 21.76 | 150.90 | 18.05 |
| 31.02 | 22.36 | 69.65 | 22.37 | 110.68 | 21.76 | 151.54 | 18.02 |
| 31.66 | 22.36 | 70.29 | 22.37 | 111.32 | 21.75 | 152.17 | 17.98 |
| 32.31 | 22.37 | 70.93 | 22.37 | 111.96 | 21.75 | 152.81 | 17.95 |
| 32.95 | 22.36 | 71.57 | 22.37 | 112.60 | 21.75 | 153.45 | 17.93 |
| 33.60 | 22.36 | 72.22 | 22.37 | 113.24 | 21.74 | 154.08 | 17.90 |
| 34.24 | 22.36 | 72.86 | 22.37 | 113.88 | 21.73 | 154.72 | 17.85 |
| 34.89 | 22.36 | 73.50 | 22.37 | 114.52 | 21.62 | 155.36 | 17.79 |
| 35.53 | 22.36 | 74.14 | 22.37 | 115.16 | 21.39 | 155.99 | 17.76 |
| 36.18 | 22.37 | 74.78 | 22.36 | 115.80 | 21.20 | 156.63 | 17.72 |
| 36.82 | 22.36 | 75.43 | 22.36 | 116.44 | 21.10 | 157.27 | 17.68 |
| 37.46 | 22.36 | 76.07 | 22.37 | 117.07 | 21.05 | 157.90 | 17.66 |
| 38.11 | 22.36 | 76.71 | 22.37 | 117.71 | 21.02 | 158.54 | 17.63 |
| 38.75 | 22.36 | 77.35 | 22.37 | 118.35 | 20.95 | 159.18 | 17.58 |
| 39.40 | 22.36 | 77.99 | 22.36 | 118.99 | 20.86 | 159.81 | 17.51 |
| 40.04 | 22.36 | 78.64 | 22.36 | 119.63 | 20.80 | 160.45 | 17.49 |
| 40.69 | 22.36 | 79.28 | 22.35 | 120.27 | 20.76 | 161.09 | 17.46 |
| 41.33 | 22.37 | 79.92 | 22.35 | 120.91 | 20.74 | 161.72 | 17.43 |
| | | 80.56 | 22.34 | 121.55 | 20.73 | 162.36 | 17.40 |
| | | 81.20 | 22.32 | 122.19 | 20.67 | 163.00 | 17.32 |
| | | 81.85 | 22.30 | 122.83 | 20.59 | 163.63 | 17.29 |
| | | 82.49 | 22.28 | 123.47 | 20.47 | 164.27 | 17.27 |

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|--------|-------|--------|-------|--------|-------|--------|-------|
| 164.90 | 17.24 | 210.59 | 15.22 | 256.05 | 13.58 | 301.29 | 12.31 |
| 165.54 | 17.22 | 211.22 | 15.21 | 256.68 | 13.57 | 301.92 | 12.29 |
| 166.18 | 17.19 | 211.86 | 15.21 | 257.31 | 13.55 | 302.55 | 12.26 |
| 166.81 | 17.16 | 212.49 | 15.20 | 257.94 | 13.52 | 303.17 | 12.25 |
| 167.45 | 17.11 | 213.12 | 15.19 | 258.57 | 13.49 | 303.80 | 12.24 |
| 168.08 | 17.10 | 213.76 | 15.18 | 259.20 | 13.48 | 304.43 | 12.23 |
| 168.72 | 17.09 | 214.39 | 15.15 | 259.83 | 13.45 | 305.05 | 12.21 |
| 169.36 | 17.04 | 215.02 | 15.09 | 260.46 | 13.43 | 305.68 | 12.21 |
| 169.99 | 17.01 | 215.65 | 15.05 | 261.09 | 13.38 | 306.31 | 12.20 |
| 170.63 | 16.99 | 216.29 | 15.02 | 261.72 | 13.35 | 306.93 | 12.19 |
| 171.26 | 16.94 | 216.92 | 14.98 | 262.35 | 13.32 | 307.56 | 12.16 |
| 171.90 | 16.90 | 217.55 | 14.95 | 262.98 | 13.31 | 308.18 | 12.14 |
| 172.53 | 16.87 | 218.18 | 14.94 | 263.61 | 13.30 | 308.81 | 12.11 |
| 173.17 | 16.84 | 218.82 | 14.92 | 264.24 | 13.28 | 309.44 | 12.08 |
| 173.80 | 16.82 | 219.45 | 14.92 | 264.87 | 13.26 | 310.06 | 12.08 |
| 174.44 | 16.78 | 220.08 | 14.88 | 265.50 | 13.24 | 310.69 | 12.06 |
| 175.08 | 16.72 | 220.71 | 14.84 | 266.13 | 13.24 | 311.32 | 12.04 |
| 175.71 | 16.67 | 221.35 | 14.79 | 266.76 | 13.21 | 311.94 | 12.04 |
| 176.35 | 16.65 | 221.98 | 14.76 | 267.38 | 13.20 | 312.57 | 12.02 |
| 176.98 | 16.63 | 222.61 | 14.74 | 268.01 | 13.17 | 313.19 | 12.00 |
| 177.62 | 16.63 | 223.24 | 14.71 | 268.64 | 13.16 | 313.82 | 11.98 |
| 178.25 | 16.62 | 223.87 | 14.68 | 269.27 | 13.14 | 314.45 | 11.96 |
| 178.89 | 16.58 | 224.51 | 14.66 | 269.90 | 13.13 | 315.07 | 11.94 |
| 179.52 | 16.54 | 225.14 | 14.64 | 270.53 | 13.11 | 315.70 | 11.92 |
| 180.16 | 16.52 | 225.77 | 14.63 | 271.16 | 13.08 | 316.32 | 11.92 |
| 180.79 | 16.49 | 226.40 | 14.60 | 271.79 | 13.07 | 316.95 | 11.91 |
| 181.43 | 16.47 | 227.03 | 14.56 | 272.42 | 13.06 | 317.57 | 11.89 |
| 182.06 | 16.42 | 227.67 | 14.53 | 273.04 | 13.04 | 318.20 | 11.89 |
| 182.70 | 16.38 | 228.30 | 14.51 | 273.67 | 13.03 | 318.83 | 11.86 |
| 183.33 | 16.35 | 228.93 | 14.51 | 274.30 | 13.02 | 319.45 | 11.85 |
| 183.97 | 16.34 | 229.56 | 14.47 | 274.93 | 13.02 | 320.08 | 11.83 |
| 184.60 | 16.31 | 230.19 | 14.44 | 275.56 | 13.02 | 320.70 | 11.82 |
| 185.24 | 16.29 | 230.82 | 14.43 | 276.19 | 13.01 | 321.33 | 11.81 |
| 185.87 | 16.25 | 231.46 | 14.41 | 276.82 | 12.98 | 321.95 | 11.80 |
| 186.51 | 16.22 | 232.09 | 14.39 | 277.44 | 12.96 | 322.58 | 11.78 |
| 187.14 | 16.20 | 232.72 | 14.34 | 278.07 | 12.95 | 323.20 | 11.75 |
| 187.78 | 16.20 | 233.35 | 14.29 | 278.70 | 12.93 | 323.83 | 11.73 |
| 188.41 | 16.19 | 233.98 | 14.27 | 279.33 | 12.92 | 324.45 | 11.71 |
| 189.04 | 16.17 | 234.61 | 14.26 | 279.96 | 12.91 | 325.08 | 11.69 |
| 189.68 | 16.15 | 235.24 | 14.26 | 280.59 | 12.90 | 325.70 | 11.67 |
| 190.31 | 16.13 | 235.88 | 14.26 | 281.21 | 12.90 | 326.33 | 11.65 |
| 190.95 | 16.11 | 236.51 | 14.25 | 281.84 | 12.86 | 326.95 | 11.62 |
| 191.58 | 16.05 | 237.14 | 14.25 | 282.47 | 12.83 | 327.58 | 11.61 |
| 192.22 | 16.01 | 237.77 | 14.23 | 283.10 | 12.81 | 328.20 | 11.59 |
| 192.85 | 15.99 | 238.40 | 14.20 | 283.73 | 12.79 | 328.83 | 11.57 |
| 193.48 | 15.98 | 239.03 | 14.18 | 284.35 | 12.78 | 329.45 | 11.55 |
| 194.12 | 15.97 | 239.66 | 14.13 | 284.98 | 12.73 | 330.08 | 11.53 |
| 194.75 | 15.94 | 240.29 | 14.12 | 285.61 | 12.71 | 330.70 | 11.51 |
| 195.39 | 15.92 | 240.92 | 14.10 | 286.24 | 12.69 | 331.33 | 11.48 |
| 196.02 | 15.88 | 241.56 | 14.09 | 286.87 | 12.68 | 331.95 | 11.46 |
| 196.65 | 15.82 | 242.19 | 14.07 | 287.49 | 12.68 | 332.58 | 11.46 |
| 197.29 | 15.75 | 242.82 | 14.05 | 288.12 | 12.67 | 333.20 | 11.42 |
| 197.92 | 15.70 | 243.45 | 14.05 | 288.75 | 12.64 | 333.83 | 11.39 |
| 198.56 | 15.68 | 244.08 | 14.04 | 289.38 | 12.64 | 334.45 | 11.38 |
| 199.19 | 15.66 | 244.71 | 14.02 | 290.00 | 12.63 | 335.08 | 11.37 |
| 199.82 | 15.63 | 245.34 | 14.01 | 290.63 | 12.62 | 335.70 | 11.36 |
| 200.46 | 15.61 | 245.97 | 13.98 | 291.26 | 12.61 | 336.32 | 11.34 |
| 201.09 | 15.57 | 246.60 | 13.94 | 291.89 | 12.61 | 336.95 | 11.33 |
| 201.72 | 15.55 | 247.23 | 13.91 | 292.51 | 12.58 | 337.57 | 11.32 |
| 202.36 | 15.53 | 247.86 | 13.88 | 293.14 | 12.58 | 338.20 | 11.30 |
| 202.99 | 15.51 | 248.49 | 13.83 | 293.77 | 12.55 | 338.82 | 11.31 |
| 203.63 | 15.47 | 249.12 | 13.78 | 294.40 | 12.51 | 339.45 | 11.31 |
| 204.26 | 15.44 | 249.75 | 13.77 | 295.02 | 12.47 | 340.07 | 11.29 |
| 204.89 | 15.41 | 250.38 | 13.75 | 295.65 | 12.44 | 340.69 | 11.30 |
| 205.53 | 15.38 | 251.01 | 13.73 | 296.28 | 12.44 | 341.32 | 11.28 |
| 206.16 | 15.34 | 251.64 | 13.68 | 296.90 | 12.43 | 341.94 | 11.27 |
| 206.79 | 15.28 | 252.27 | 13.66 | 297.53 | 12.40 | 342.57 | 11.24 |
| 207.43 | 15.25 | 252.90 | 13.64 | 298.16 | 12.37 | 343.19 | 11.21 |
| 208.06 | 15.24 | 253.53 | 13.64 | 298.79 | 12.36 | 343.81 | 11.18 |
| 208.69 | 15.23 | 254.16 | 13.62 | 299.41 | 12.34 | 344.44 | 11.15 |
| 209.32 | 15.22 | 254.79 | 13.61 | 300.04 | 12.33 | 345.06 | 11.12 |
| 209.96 | 15.21 | 255.42 | 13.60 | 300.67 | 12.33 | 345.68 | 11.12 |

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|--------|-------|--------|-------|--------|------|--------|------|
| 346.31 | 11.10 | 391.10 | 10.15 | 435.67 | 9.42 | 480.01 | 8.67 |
| 346.93 | 11.08 | 391.72 | 10.15 | 436.28 | 9.43 | 480.62 | 8.67 |
| 347.56 | 11.06 | 392.34 | 10.15 | 436.90 | 9.41 | 481.24 | 8.67 |
| 348.18 | 11.04 | 392.96 | 10.15 | 437.52 | 9.40 | 481.85 | 8.67 |
| 348.80 | 11.04 | 393.58 | 10.14 | 438.14 | 9.39 | 482.47 | 8.67 |
| 349.43 | 11.02 | 394.20 | 10.13 | 438.75 | 9.39 | 483.08 | 8.66 |
| 350.05 | 11.00 | 394.82 | 10.11 | 439.37 | 9.38 | 483.70 | 8.66 |
| 350.67 | 11.00 | 395.44 | 10.09 | 439.99 | 9.38 | 484.31 | 8.66 |
| 351.30 | 10.97 | 396.06 | 10.08 | 440.60 | 9.37 | 484.92 | 8.65 |
| 351.92 | 10.99 | 396.68 | 10.07 | 441.22 | 9.37 | 485.54 | 8.65 |
| 352.54 | 10.98 | 397.30 | 10.04 | 441.84 | 9.36 | 486.15 | 8.64 |
| 353.17 | 10.98 | 397.92 | 10.02 | 442.46 | 9.36 | 486.77 | 8.63 |
| 353.79 | 10.98 | 398.54 | 10.00 | 443.07 | 9.35 | 487.38 | 8.62 |
| 354.41 | 10.97 | 399.16 | 9.95 | 443.69 | 9.35 | 487.99 | 8.61 |
| 355.04 | 10.95 | 399.78 | 9.94 | 444.31 | 9.35 | 488.61 | 8.60 |
| 355.66 | 10.92 | 400.40 | 9.94 | 444.92 | 9.34 | 489.22 | 8.59 |
| 356.28 | 10.91 | 401.02 | 9.93 | 445.54 | 9.32 | 489.83 | 8.58 |
| 356.90 | 10.91 | 401.64 | 9.92 | 446.16 | 9.31 | 490.45 | 8.56 |
| 357.53 | 10.89 | 402.26 | 9.92 | 446.77 | 9.28 | 491.06 | 8.55 |
| 358.15 | 10.87 | 402.88 | 9.91 | 447.39 | 9.28 | 491.67 | 8.55 |
| 358.77 | 10.84 | 403.50 | 9.91 | 448.01 | 9.27 | 492.29 | 8.54 |
| 359.40 | 10.85 | 404.12 | 9.90 | 448.62 | 9.26 | 492.90 | 8.54 |
| 360.02 | 10.83 | 404.74 | 9.89 | 449.24 | 9.25 | 493.51 | 8.53 |
| 360.64 | 10.81 | 405.36 | 9.88 | 449.86 | 9.24 | 494.13 | 8.54 |
| 361.26 | 10.82 | 405.98 | 9.88 | 450.47 | 9.24 | 494.74 | 8.54 |
| 361.89 | 10.82 | 406.60 | 9.89 | 451.09 | 9.20 | 495.35 | 8.52 |
| 362.51 | 10.80 | 407.22 | 9.88 | 451.71 | 9.18 | 495.97 | 8.50 |
| 363.13 | 10.79 | 407.84 | 9.88 | 452.32 | 9.17 | 496.58 | 8.49 |
| 363.75 | 10.79 | 408.46 | 9.87 | 452.94 | 9.15 | 497.19 | 8.48 |
| 364.38 | 10.79 | 409.08 | 9.86 | 453.55 | 9.15 | 497.81 | 8.47 |
| 365.00 | 10.78 | 409.70 | 9.86 | 454.17 | 9.14 | 498.42 | 8.46 |
| 365.62 | 10.76 | 410.32 | 9.85 | 454.79 | 9.12 | 499.03 | 8.44 |
| 366.24 | 10.73 | 410.93 | 9.84 | 455.40 | 9.10 | 499.65 | 8.41 |
| 366.87 | 10.72 | 411.55 | 9.83 | 456.02 | 9.10 | 500.26 | 8.42 |
| 367.49 | 10.70 | 412.17 | 9.80 | 456.63 | 9.08 | 500.87 | 8.41 |
| 368.11 | 10.70 | 412.79 | 9.78 | 457.25 | 9.07 | 501.49 | 8.40 |
| 368.73 | 10.70 | 413.41 | 9.76 | 457.87 | 9.05 | 502.10 | 8.39 |
| 369.35 | 10.69 | 414.03 | 9.77 | 458.48 | 9.03 | 502.71 | 8.38 |
| 369.98 | 10.67 | 414.65 | 9.74 | 459.10 | 9.03 | 503.32 | 8.38 |
| 370.60 | 10.65 | 415.27 | 9.76 | 459.71 | 9.03 | 503.94 | 8.36 |
| 371.22 | 10.62 | 415.89 | 9.75 | 460.33 | 9.03 | 504.55 | 8.36 |
| 371.84 | 10.60 | 416.51 | 9.74 | 460.95 | 9.01 | 505.16 | 8.36 |
| 372.46 | 10.59 | 417.12 | 9.73 | 461.56 | 8.99 | 505.77 | 8.35 |
| 373.09 | 10.58 | 417.74 | 9.72 | 462.18 | 8.98 | 506.39 | 8.33 |
| 373.71 | 10.57 | 418.36 | 9.71 | 462.79 | 8.96 | 507.00 | 8.30 |
| 374.33 | 10.56 | 418.98 | 9.70 | 463.41 | 8.97 | 507.61 | 8.30 |
| 374.95 | 10.56 | 419.60 | 9.69 | 464.02 | 8.94 | 508.22 | 8.30 |
| 375.57 | 10.55 | 420.22 | 9.68 | 464.64 | 8.95 | 508.84 | 8.28 |
| 376.19 | 10.54 | 420.84 | 9.68 | 465.25 | 8.94 | 509.45 | 8.27 |
| 376.82 | 10.53 | 421.45 | 9.67 | 465.87 | 8.93 | 510.06 | 8.26 |
| 377.44 | 10.51 | 422.07 | 9.67 | 466.48 | 8.90 | 510.67 | 8.26 |
| 378.06 | 10.50 | 422.69 | 9.66 | 467.10 | 8.89 | 511.28 | 8.23 |
| 378.68 | 10.48 | 423.31 | 9.65 | 467.72 | 8.87 | 511.90 | 8.22 |
| 379.30 | 10.45 | 423.93 | 9.65 | 468.33 | 8.86 | 512.51 | 8.20 |
| 379.92 | 10.42 | 424.55 | 9.64 | 468.95 | 8.86 | 513.12 | 8.19 |
| 380.54 | 10.42 | 425.16 | 9.63 | 469.56 | 8.84 | 513.73 | 8.19 |
| 381.17 | 10.39 | 425.78 | 9.62 | 470.18 | 8.82 | 514.34 | 8.19 |
| 381.79 | 10.37 | 426.40 | 9.60 | 470.79 | 8.82 | 514.96 | 8.18 |
| 382.41 | 10.36 | 427.02 | 9.59 | 471.41 | 8.81 | 515.57 | 8.16 |
| 383.03 | 10.32 | 427.64 | 9.57 | 472.02 | 8.80 | 516.18 | 8.17 |
| 383.65 | 10.30 | 428.25 | 9.55 | 472.64 | 8.79 | 516.79 | 8.15 |
| 384.27 | 10.28 | 428.87 | 9.54 | 473.25 | 8.77 | 517.40 | 8.15 |
| 384.89 | 10.28 | 429.49 | 9.53 | 473.86 | 8.77 | 518.02 | 8.14 |
| 385.51 | 10.27 | 430.11 | 9.52 | 474.48 | 8.76 | 518.63 | 8.14 |
| 386.13 | 10.26 | 430.73 | 9.52 | 475.09 | 8.75 | 519.24 | 8.14 |
| 386.75 | 10.26 | 431.34 | 9.51 | 475.71 | 8.74 | 519.85 | 8.13 |
| 387.38 | 10.24 | 431.96 | 9.48 | 476.32 | 8.74 | 520.46 | 8.13 |
| 388.00 | 10.22 | 432.58 | 9.47 | 476.94 | 8.73 | 521.07 | 8.12 |
| 388.62 | 10.19 | 433.20 | 9.45 | 477.55 | 8.72 | 521.68 | 8.12 |
| 389.24 | 10.18 | 433.81 | 9.44 | 478.17 | 8.70 | 522.30 | 8.12 |
| 389.86 | 10.17 | 434.43 | 9.43 | 478.78 | 8.70 | 522.91 | 8.10 |
| 390.48 | 10.16 | 435.05 | 9.42 | 479.40 | 8.68 | 523.52 | 8.10 |

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|--------|------|--------|------|--------|------|--------|------|
| 524.13 | 8.09 | 568.03 | 7.62 | 611.70 | 7.00 | 655.14 | 6.44 |
| 524.74 | 8.08 | 568.63 | 7.61 | 612.30 | 6.97 | 655.75 | 6.43 |
| 525.35 | 8.09 | 569.24 | 7.62 | 612.91 | 6.98 | 656.35 | 6.43 |
| 525.96 | 8.08 | 569.85 | 7.61 | 613.51 | 6.97 | 656.95 | 6.42 |
| 526.57 | 8.07 | 570.46 | 7.62 | 614.12 | 6.96 | 657.55 | 6.42 |
| 527.19 | 8.07 | 571.07 | 7.62 | 614.72 | 6.95 | 658.15 | 6.42 |
| 527.80 | 8.06 | 571.67 | 7.61 | 615.33 | 6.94 | 658.75 | 6.41 |
| 528.41 | 8.06 | 572.28 | 7.60 | 615.93 | 6.92 | 659.36 | 6.39 |
| 529.02 | 8.06 | 572.89 | 7.61 | 616.54 | 6.92 | 659.96 | 6.40 |
| 529.63 | 8.05 | 573.50 | 7.61 | 617.14 | 6.91 | 660.56 | 6.39 |
| 530.24 | 8.04 | 574.10 | 7.60 | 617.74 | 6.90 | 661.16 | 6.40 |
| 530.85 | 8.04 | 574.71 | 7.59 | 618.35 | 6.88 | 661.76 | 6.39 |
| 531.46 | 8.04 | 575.32 | 7.59 | 618.95 | 6.88 | 662.36 | 6.39 |
| 532.07 | 8.03 | 575.93 | 7.58 | 619.56 | 6.86 | 662.96 | 6.38 |
| 532.68 | 8.03 | 576.53 | 7.58 | 620.16 | 6.86 | 663.57 | 6.36 |
| 533.29 | 8.03 | 577.14 | 7.57 | 620.77 | 6.86 | 664.17 | 6.36 |
| 533.90 | 8.00 | 577.75 | 7.56 | 621.37 | 6.84 | 664.77 | 6.35 |
| 534.51 | 8.00 | 578.36 | 7.54 | 621.98 | 6.84 | 665.37 | 6.35 |
| 535.12 | 8.00 | 578.96 | 7.52 | 622.58 | 6.84 | 665.97 | 6.35 |
| 535.73 | 7.99 | 579.57 | 7.51 | 623.18 | 6.83 | 666.57 | 6.34 |
| 536.35 | 7.99 | 580.18 | 7.50 | 623.79 | 6.84 | 667.17 | 6.34 |
| 536.96 | 7.97 | 580.79 | 7.50 | 624.39 | 6.83 | 667.77 | 6.33 |
| 537.57 | 7.97 | 581.39 | 7.48 | 625.00 | 6.82 | 668.38 | 6.32 |
| 538.18 | 7.97 | 582.00 | 7.47 | 625.60 | 6.80 | 668.98 | 6.31 |
| 538.79 | 7.96 | 582.61 | 7.45 | 626.20 | 6.79 | 669.58 | 6.30 |
| 539.40 | 7.96 | 583.21 | 7.46 | 626.81 | 6.77 | 670.18 | 6.28 |
| 540.01 | 7.95 | 583.82 | 7.44 | 627.41 | 6.76 | 670.78 | 6.26 |
| 540.62 | 7.95 | 584.43 | 7.45 | 628.02 | 6.75 | 671.38 | 6.27 |
| 541.23 | 7.94 | 585.04 | 7.43 | 628.62 | 6.74 | 671.98 | 6.27 |
| 541.84 | 7.94 | 585.64 | 7.43 | 629.22 | 6.72 | 672.58 | 6.26 |
| 542.45 | 7.94 | 586.25 | 7.42 | 629.83 | 6.72 | 673.18 | 6.26 |
| 543.06 | 7.93 | 586.86 | 7.41 | 630.43 | 6.72 | 673.78 | 6.25 |
| 543.67 | 7.93 | 587.46 | 7.39 | 631.03 | 6.72 | 674.38 | 6.26 |
| 544.28 | 7.92 | 588.07 | 7.37 | 631.64 | 6.70 | 674.98 | 6.25 |
| 544.89 | 7.90 | 588.68 | 7.37 | 632.24 | 6.69 | 675.58 | 6.24 |
| 545.50 | 7.92 | 589.28 | 7.34 | 632.84 | 6.69 | 676.18 | 6.23 |
| 546.11 | 7.91 | 589.89 | 7.31 | 633.45 | 6.69 | 676.78 | 6.23 |
| 546.71 | 7.91 | 590.50 | 7.31 | 634.05 | 6.68 | 677.38 | 6.22 |
| 547.32 | 7.90 | 591.10 | 7.29 | 634.66 | 6.66 | 677.98 | 6.21 |
| 547.93 | 7.89 | 591.71 | 7.29 | 635.26 | 6.65 | 678.58 | 6.20 |
| 548.54 | 7.88 | 592.31 | 7.29 | 635.86 | 6.64 | 679.18 | 6.20 |
| 549.15 | 7.88 | 592.92 | 7.29 | 636.47 | 6.62 | 679.79 | 6.19 |
| 549.76 | 7.88 | 593.53 | 7.28 | 637.07 | 6.62 | 680.39 | 6.19 |
| 550.37 | 7.88 | 594.13 | 7.28 | 637.67 | 6.62 | 680.99 | 6.18 |
| 550.98 | 7.87 | 594.74 | 7.27 | 638.27 | 6.60 | 681.59 | 6.19 |
| 551.59 | 7.86 | 595.35 | 7.27 | 638.88 | 6.59 | 682.19 | 6.17 |
| 552.20 | 7.85 | 595.95 | 7.26 | 639.48 | 6.59 | 682.79 | 6.17 |
| 552.81 | 7.84 | 596.56 | 7.25 | 640.08 | 6.57 | 683.38 | 6.15 |
| 553.42 | 7.84 | 597.16 | 7.24 | 640.69 | 6.56 | 683.98 | 6.16 |
| 554.03 | 7.83 | 597.77 | 7.23 | 641.29 | 6.55 | 684.58 | 6.16 |
| 554.64 | 7.82 | 598.38 | 7.22 | 641.89 | 6.55 | 685.18 | 6.15 |
| 555.25 | 7.82 | 598.98 | 7.21 | 642.50 | 6.54 | 685.78 | 6.16 |
| 555.85 | 7.81 | 599.59 | 7.20 | 643.10 | 6.54 | 686.38 | 6.14 |
| 556.46 | 7.80 | 600.19 | 7.18 | 643.70 | 6.53 | 686.98 | 6.16 |
| 557.07 | 7.81 | 600.80 | 7.18 | 644.30 | 6.53 | 687.58 | 6.15 |
| 557.68 | 7.79 | 601.41 | 7.16 | 644.91 | 6.52 | 688.18 | 6.15 |
| 558.29 | 7.78 | 602.01 | 7.16 | 645.51 | 6.51 | 688.78 | 6.14 |
| 558.90 | 7.76 | 602.62 | 7.13 | 646.11 | 6.51 | 689.38 | 6.15 |
| 559.51 | 7.75 | 603.22 | 7.14 | 646.71 | 6.50 | 689.98 | 6.14 |
| 560.12 | 7.74 | 603.83 | 7.13 | 647.32 | 6.50 | 690.58 | 6.14 |
| 560.72 | 7.74 | 604.43 | 7.12 | 647.92 | 6.50 | 691.18 | 6.15 |
| 561.33 | 7.73 | 605.04 | 7.11 | 648.52 | 6.50 | 691.78 | 6.13 |
| 561.94 | 7.72 | 605.64 | 7.10 | 649.12 | 6.50 | 692.38 | 6.14 |
| 562.55 | 7.72 | 606.25 | 7.09 | 649.73 | 6.48 | 692.98 | 6.13 |
| 563.16 | 7.71 | 606.86 | 7.08 | 650.33 | 6.48 | 693.58 | 6.12 |
| 563.77 | 7.71 | 607.46 | 7.07 | 650.93 | 6.47 | 694.18 | 6.10 |
| 564.38 | 7.70 | 608.07 | 7.06 | 651.53 | 6.46 | 694.77 | 6.10 |
| 564.98 | 7.68 | 608.67 | 7.05 | 652.13 | 6.45 | 695.37 | 6.09 |
| 565.59 | 7.68 | 609.28 | 7.06 | 652.74 | 6.45 | 695.97 | 6.08 |
| 566.20 | 7.66 | 609.88 | 7.03 | 653.34 | 6.44 | 696.57 | 6.09 |
| 566.81 | 7.64 | 610.49 | 7.02 | 653.94 | 6.44 | 697.17 | 6.08 |
| 567.42 | 7.62 | 611.09 | 7.01 | 654.54 | 6.44 | 697.77 | 6.07 |

| | | | |
|--------|------|-------------------|-----------------|
| 698.37 | 6.05 | 741.37 | 5.83 |
| 698.97 | 6.06 | 741.96 | 5.84 |
| 699.57 | 6.05 | 742.56 | 5.83 |
| 700.16 | 6.04 | 743.15 | 5.82 |
| 700.76 | 6.05 | 743.75 | 5.82 |
| 701.36 | 6.05 | 744.35 | 5.82 |
| 701.96 | 6.05 | 744.94 | 5.82 |
| 702.56 | 6.03 | 745.54 | 5.82 |
| 703.16 | 6.04 | 746.13 | 5.82 |
| 703.76 | 6.04 | 746.73 | 5.81 |
| 704.35 | 6.03 | 747.32 | 5.81 |
| 704.95 | 6.03 | 747.92 | 5.81 |
| 705.55 | 6.03 | 748.51 | 5.79 |
| 706.15 | 6.03 | 749.11 | 5.80 |
| 706.75 | 6.03 | 749.70 | 5.77 |
| 707.34 | 6.03 | 750.30 | 5.76 |
| 707.94 | 6.03 | 750.89 | 5.77 |
| 708.54 | 6.01 | 751.49 | 5.76 |
| 709.14 | 6.01 | 752.08 | 5.77 |
| 709.74 | 6.01 | 752.68 | 5.75 |
| 710.33 | 5.99 | 753.27 | 5.76 |
| 710.93 | 6.01 | 753.87 | 5.76 |
| 711.53 | 6.00 | 754.46 | 5.75 |
| 712.13 | 5.99 | 755.06 | 5.74 |
| 712.73 | 5.98 | 755.65 | 5.74 |
| 713.32 | 5.99 | 756.25 | 5.73 |
| 713.92 | 5.98 | 756.84 | 5.73 |
| 714.52 | 5.97 | 757.43 | 5.73 |
| 715.12 | 5.97 | 758.03 | 5.73 |
| 715.71 | 5.95 | 758.62 | 5.73 |
| 716.31 | 5.95 | 759.22 | 5.73 |
| 716.91 | 5.93 | 759.81 | 5.73 |
| 717.51 | 5.94 | 760.41 | 5.73 |
| 718.10 | 5.94 | 761.00 | 5.73 |
| 718.70 | 5.93 | | |
| 719.30 | 5.93 | | |
| 719.90 | 5.93 | | |
| 720.49 | 5.93 | | |
| 721.09 | 5.92 | | |
| 721.69 | 5.93 | | |
| 722.28 | 5.92 | | |
| 722.88 | 5.92 | | |
| 723.48 | 5.90 | | |
| 724.08 | 5.91 | | |
| 724.67 | 5.91 | | |
| 725.27 | 5.90 | | |
| 725.87 | 5.89 | | |
| 726.46 | 5.90 | | |
| 727.06 | 5.90 | | |
| 727.66 | 5.89 | | |
| 728.25 | 5.89 | | |
| 728.85 | 5.90 | | |
| 729.45 | 5.88 | | |
| 730.04 | 5.89 | | |
| 730.64 | 5.89 | | |
| 731.23 | 5.89 | | |
| 731.83 | 5.89 | | |
| 732.43 | 5.88 | | |
| 733.02 | 5.88 | | |
| 733.62 | 5.89 | | |
| 734.22 | 5.87 | | |
| 734.81 | 5.88 | | |
| 735.41 | 5.88 | | |
| 736.00 | 5.88 | | |
| 736.60 | 5.86 | | |
| 737.20 | 5.87 | | |
| 737.79 | 5.86 | | |
| 738.39 | 5.86 | | |
| 738.98 | 5.85 | | |
| 739.58 | 5.85 | | |
| 740.18 | 5.86 | | |
| 740.77 | 5.85 | | |

XBT-034

Cruise: 92602
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|-----------------|------------------|-------|-------|--------|-------|--------|-------|
| 0.65 | 22.20 | 41.33 | 22.07 | 81.85 | 21.98 | 122.19 | 20.09 |
| 1.29 | 22.57 | 41.98 | 22.05 | 82.49 | 21.98 | 122.83 | 20.05 |
| 1.94 | 22.53 | 42.62 | 22.05 | 83.13 | 21.98 | 123.47 | 20.01 |
| 2.59 | 22.47 | 43.27 | 22.06 | 83.77 | 21.98 | 124.11 | 19.99 |
| 3.24 | 22.45 | 43.91 | 22.06 | 84.41 | 21.96 | 124.74 | 19.98 |
| 3.88 | 22.42 | 44.55 | 22.06 | 85.05 | 21.97 | 125.38 | 19.96 |
| 4.53 | 22.40 | 45.20 | 22.06 | 85.70 | 21.97 | 126.02 | 19.96 |
| 5.18 | 22.39 | 45.84 | 22.06 | 86.34 | 21.97 | 126.66 | 19.93 |
| 5.82 | 22.40 | 46.49 | 22.06 | 86.98 | 21.97 | 127.30 | 19.92 |
| 6.47 | 22.37 | 47.13 | 22.07 | 87.62 | 21.97 | 127.94 | 19.91 |
| 7.12 | 22.37 | 47.77 | 22.07 | 88.26 | 21.97 | 128.58 | 19.91 |
| 7.76 | 22.36 | 48.42 | 22.06 | 88.90 | 21.97 | 129.21 | 19.89 |
| 8.41 | 22.35 | 49.06 | 22.06 | 89.54 | 21.98 | 129.85 | 19.86 |
| 9.06 | 22.38 | 49.71 | 22.05 | 90.18 | 21.97 | 130.49 | 19.78 |
| 9.70 | 22.36 | 50.35 | 22.07 | 90.83 | 21.96 | 131.13 | 19.67 |
| 10.35 | 22.37 | 50.99 | 22.05 | 91.47 | 21.96 | 131.77 | 19.56 |
| 11.00 | 22.36 | 51.64 | 22.05 | 92.11 | 21.97 | 132.41 | 19.50 |
| 11.64 | 22.38 | 52.28 | 22.05 | 92.75 | 21.96 | 133.04 | 19.45 |
| 12.29 | 22.35 | 52.93 | 22.06 | 93.39 | 21.95 | 133.68 | 19.36 |
| 12.94 | 22.36 | 53.57 | 22.06 | 94.03 | 21.96 | 134.32 | 19.29 |
| 13.58 | 22.37 | 54.21 | 22.06 | 94.67 | 21.95 | 134.96 | 19.23 |
| 14.23 | 22.35 | 54.86 | 22.05 | 95.31 | 21.95 | 135.60 | 19.13 |
| 14.87 | 22.37 | 55.50 | 22.06 | 95.95 | 21.95 | 136.24 | 19.05 |
| 15.52 | 22.36 | 56.14 | 22.05 | 96.59 | 21.95 | 136.87 | 19.00 |
| 16.17 | 22.36 | 56.79 | 22.05 | 97.23 | 21.95 | 137.51 | 18.97 |
| 16.81 | 22.35 | 57.43 | 22.05 | 97.88 | 21.95 | 138.15 | 18.96 |
| 17.46 | 22.35 | 58.07 | 22.05 | 98.52 | 21.93 | 138.79 | 18.94 |
| 18.10 | 22.35 | 58.72 | 22.05 | 99.16 | 21.92 | 139.43 | 18.89 |
| 18.75 | 22.33 | 59.36 | 22.06 | 99.80 | 21.91 | 140.06 | 18.88 |
| 19.40 | 22.32 | 60.00 | 22.05 | 100.44 | 21.89 | 140.70 | 18.80 |
| 20.04 | 22.31 | 60.65 | 22.05 | 101.08 | 21.87 | 141.34 | 18.75 |
| 20.69 | 22.30 | 61.29 | 22.05 | 101.72 | 21.87 | 141.98 | 18.68 |
| 21.33 | 22.29 | 61.93 | 22.05 | 102.36 | 21.86 | 142.61 | 18.63 |
| 21.98 | 22.28 | 62.58 | 22.05 | 103.00 | 21.84 | 143.25 | 18.61 |
| 22.63 | 22.25 | 63.22 | 22.05 | 103.64 | 21.82 | 143.89 | 18.61 |
| 23.27 | 22.22 | 63.86 | 22.05 | 104.28 | 21.82 | 144.53 | 18.57 |
| 23.92 | 22.20 | 64.50 | 22.05 | 104.92 | 21.80 | 145.16 | 18.55 |
| 24.56 | 22.18 | 65.15 | 22.05 | 105.56 | 21.78 | 145.80 | 18.53 |
| 25.21 | 22.18 | 65.79 | 22.04 | 106.20 | 21.75 | 146.44 | 18.50 |
| 25.85 | 22.15 | 66.43 | 22.03 | 106.84 | 21.73 | 147.08 | 18.48 |
| 26.50 | 22.13 | 67.08 | 22.03 | 107.48 | 21.69 | 147.71 | 18.46 |
| 27.14 | 22.11 | 67.72 | 22.02 | 108.12 | 21.67 | 148.35 | 18.45 |
| 27.79 | 22.11 | 68.36 | 22.02 | 108.76 | 21.60 | 148.99 | 18.40 |
| 28.43 | 22.09 | 69.00 | 22.02 | 109.40 | 21.53 | 149.62 | 18.40 |
| 29.08 | 22.08 | 69.65 | 22.02 | 110.04 | 21.47 | 150.26 | 18.38 |
| 29.73 | 22.08 | 70.29 | 22.02 | 110.68 | 21.41 | 150.90 | 18.35 |
| 30.37 | 22.08 | 70.93 | 22.02 | 111.32 | 21.32 | 151.54 | 18.33 |
| 31.02 | 22.08 | 71.57 | 22.01 | 111.96 | 21.21 | 152.17 | 18.30 |
| 31.66 | 22.07 | 72.22 | 22.00 | 112.60 | 21.13 | 152.81 | 18.25 |
| 32.31 | 22.06 | 72.86 | 22.00 | 113.24 | 21.05 | 153.45 | 18.22 |
| 32.95 | 22.06 | 73.50 | 22.00 | 113.88 | 21.00 | 154.08 | 18.16 |
| 33.60 | 22.07 | 74.14 | 22.01 | 114.52 | 20.89 | 154.72 | 18.10 |
| 34.24 | 22.06 | 74.78 | 21.99 | 115.16 | 20.79 | 155.36 | 18.04 |
| 34.89 | 22.07 | 75.43 | 22.00 | 115.80 | 20.68 | 155.99 | 18.00 |
| 35.53 | 22.06 | 76.07 | 21.99 | 116.44 | 20.62 | 156.63 | 17.95 |
| 36.18 | 22.06 | 76.71 | 21.99 | 117.07 | 20.53 | 157.27 | 17.92 |
| 36.82 | 22.06 | 77.35 | 21.98 | 117.71 | 20.49 | 157.90 | 17.89 |
| 37.46 | 22.05 | 77.99 | 21.98 | 118.35 | 20.44 | 158.54 | 17.85 |
| 38.11 | 22.05 | 78.64 | 21.98 | 118.99 | 20.40 | 159.18 | 17.81 |
| 38.75 | 22.06 | 79.28 | 21.98 | 119.63 | 20.35 | 159.81 | 17.78 |
| 39.40 | 22.05 | 79.92 | 21.98 | 120.27 | 20.30 | 160.45 | 17.77 |
| 40.04 | 22.06 | 80.56 | 21.99 | 120.91 | 20.23 | 161.09 | 17.74 |
| 40.69 | 22.06 | 81.20 | 21.98 | 121.55 | 20.15 | 161.72 | 17.72 |

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|--------|-------|--------|-------|--------|-------|--------|-------|
| 162.36 | 17.67 | 208.06 | 15.66 | 253.53 | 13.93 | 298.79 | 12.38 |
| 163.00 | 17.65 | 208.69 | 15.65 | 254.16 | 13.91 | 299.41 | 12.37 |
| 163.63 | 17.62 | 209.32 | 15.65 | 254.79 | 13.88 | 300.04 | 12.37 |
| 164.27 | 17.57 | 209.96 | 15.61 | 255.42 | 13.87 | 300.67 | 12.37 |
| 164.90 | 17.54 | 210.59 | 15.56 | 256.05 | 13.85 | 301.29 | 12.37 |
| 165.54 | 17.52 | 211.22 | 15.52 | 256.68 | 13.83 | 301.92 | 12.35 |
| 166.18 | 17.49 | 211.86 | 15.49 | 257.31 | 13.82 | 302.55 | 12.33 |
| 166.81 | 17.44 | 212.49 | 15.47 | 257.94 | 13.81 | 303.17 | 12.32 |
| 167.45 | 17.40 | 213.12 | 15.42 | 258.57 | 13.77 | 303.80 | 12.30 |
| 168.08 | 17.38 | 213.76 | 15.36 | 259.20 | 13.76 | 304.43 | 12.29 |
| 168.72 | 17.33 | 214.39 | 15.33 | 259.83 | 13.72 | 305.05 | 12.28 |
| 169.36 | 17.30 | 215.02 | 15.33 | 260.46 | 13.71 | 305.68 | 12.27 |
| 169.99 | 17.26 | 215.65 | 15.29 | 261.09 | 13.67 | 306.31 | 12.26 |
| 170.63 | 17.25 | 216.29 | 15.29 | 261.72 | 13.64 | 306.93 | 12.25 |
| 171.26 | 17.24 | 216.92 | 15.28 | 262.35 | 13.58 | 307.56 | 12.22 |
| 171.90 | 17.22 | 217.55 | 15.28 | 262.98 | 13.55 | 308.18 | 12.21 |
| 172.53 | 17.21 | 218.18 | 15.27 | 263.61 | 13.53 | 308.81 | 12.18 |
| 173.17 | 17.21 | 218.82 | 15.26 | 264.24 | 13.51 | 309.44 | 12.17 |
| 173.80 | 17.19 | 219.45 | 15.25 | 264.87 | 13.50 | 310.06 | 12.17 |
| 174.44 | 17.18 | 220.08 | 15.24 | 265.50 | 13.49 | 310.69 | 12.15 |
| 175.08 | 17.19 | 220.71 | 15.23 | 266.13 | 13.49 | 311.32 | 12.15 |
| 175.71 | 17.16 | 221.35 | 15.20 | 266.76 | 13.46 | 311.94 | 12.14 |
| 176.35 | 17.14 | 221.98 | 15.17 | 267.38 | 13.44 | 312.57 | 12.13 |
| 176.98 | 17.12 | 222.61 | 15.14 | 268.01 | 13.43 | 313.19 | 12.12 |
| 177.62 | 17.09 | 223.24 | 15.10 | 268.64 | 13.41 | 313.82 | 12.12 |
| 178.25 | 17.06 | 223.87 | 15.06 | 269.27 | 13.39 | 314.45 | 12.11 |
| 178.89 | 17.05 | 224.51 | 15.01 | 269.90 | 13.36 | 315.07 | 12.11 |
| 179.52 | 17.03 | 225.14 | 14.99 | 270.53 | 13.31 | 315.70 | 12.10 |
| 180.16 | 16.98 | 225.77 | 14.97 | 271.16 | 13.25 | 316.32 | 12.07 |
| 180.79 | 16.96 | 226.40 | 14.95 | 271.79 | 13.22 | 316.95 | 12.07 |
| 181.43 | 16.91 | 227.03 | 14.93 | 272.42 | 13.18 | 317.57 | 12.03 |
| 182.06 | 16.88 | 227.67 | 14.90 | 273.04 | 13.15 | 318.20 | 12.01 |
| 182.70 | 16.84 | 228.30 | 14.90 | 273.67 | 13.13 | 318.83 | 11.97 |
| 183.33 | 16.81 | 228.93 | 14.88 | 274.30 | 13.12 | 319.45 | 11.96 |
| 183.97 | 16.80 | 229.56 | 14.87 | 274.93 | 13.11 | 320.08 | 11.95 |
| 184.60 | 16.79 | 230.19 | 14.85 | 275.56 | 13.09 | 320.70 | 11.93 |
| 185.24 | 16.75 | 230.82 | 14.83 | 276.19 | 13.07 | 321.33 | 11.91 |
| 185.87 | 16.74 | 231.46 | 14.81 | 276.82 | 13.03 | 321.95 | 11.90 |
| 186.51 | 16.70 | 232.09 | 14.78 | 277.44 | 12.98 | 322.58 | 11.86 |
| 187.14 | 16.66 | 232.72 | 14.75 | 278.07 | 12.95 | 323.20 | 11.83 |
| 187.78 | 16.62 | 233.35 | 14.71 | 278.70 | 12.94 | 323.83 | 11.82 |
| 188.41 | 16.58 | 233.98 | 14.70 | 279.33 | 12.93 | 324.45 | 11.82 |
| 189.04 | 16.53 | 234.61 | 14.67 | 279.96 | 12.92 | 325.08 | 11.81 |
| 189.68 | 16.51 | 235.24 | 14.66 | 280.59 | 12.90 | 325.70 | 11.80 |
| 190.31 | 16.47 | 235.88 | 14.64 | 281.21 | 12.90 | 326.33 | 11.78 |
| 190.95 | 16.44 | 236.51 | 14.62 | 281.84 | 12.88 | 326.95 | 11.74 |
| 191.58 | 16.43 | 237.14 | 14.61 | 282.47 | 12.87 | 327.58 | 11.71 |
| 192.22 | 16.36 | 237.77 | 14.58 | 283.10 | 12.82 | 328.20 | 11.69 |
| 192.85 | 16.31 | 238.40 | 14.54 | 283.73 | 12.79 | 328.83 | 11.66 |
| 193.48 | 16.28 | 239.03 | 14.52 | 284.35 | 12.76 | 329.45 | 11.65 |
| 194.12 | 16.26 | 239.66 | 14.49 | 284.98 | 12.75 | 330.08 | 11.64 |
| 194.75 | 16.25 | 240.29 | 14.45 | 285.61 | 12.74 | 330.70 | 11.64 |
| 195.39 | 16.25 | 240.92 | 14.43 | 286.24 | 12.73 | 331.33 | 11.64 |
| 196.02 | 16.23 | 241.56 | 14.43 | 286.87 | 12.72 | 331.95 | 11.63 |
| 196.65 | 16.20 | 242.19 | 14.41 | 287.49 | 12.70 | 332.58 | 11.63 |
| 197.29 | 16.16 | 242.82 | 14.39 | 288.12 | 12.71 | 333.20 | 11.61 |
| 197.92 | 16.14 | 243.45 | 14.35 | 288.75 | 12.66 | 333.83 | 11.61 |
| 198.56 | 16.13 | 244.08 | 14.33 | 289.38 | 12.63 | 334.45 | 11.60 |
| 199.19 | 16.12 | 244.71 | 14.32 | 290.00 | 12.59 | 335.08 | 11.60 |
| 199.82 | 16.09 | 245.34 | 14.29 | 290.63 | 12.56 | 335.70 | 11.57 |
| 200.46 | 16.06 | 245.97 | 14.28 | 291.26 | 12.54 | 336.32 | 11.53 |
| 201.09 | 16.01 | 246.60 | 14.24 | 291.89 | 12.51 | 336.95 | 11.53 |
| 201.72 | 15.97 | 247.23 | 14.23 | 292.51 | 12.50 | 337.57 | 11.51 |
| 202.36 | 15.94 | 247.86 | 14.21 | 293.14 | 12.47 | 338.20 | 11.49 |
| 202.99 | 15.90 | 248.49 | 14.18 | 293.77 | 12.46 | 338.82 | 11.47 |
| 203.63 | 15.85 | 249.12 | 14.15 | 294.40 | 12.44 | 339.45 | 11.45 |
| 204.26 | 15.83 | 249.75 | 14.11 | 295.02 | 12.43 | 340.07 | 11.42 |
| 204.89 | 15.80 | 250.38 | 14.08 | 295.65 | 12.43 | 340.69 | 11.38 |
| 205.53 | 15.77 | 251.01 | 14.05 | 296.28 | 12.41 | 341.32 | 11.36 |
| 206.16 | 15.75 | 251.64 | 14.01 | 296.90 | 12.41 | 341.94 | 11.34 |
| 206.79 | 15.73 | 252.27 | 13.99 | 297.53 | 12.39 | 342.57 | 11.33 |
| 207.43 | 15.69 | 252.90 | 13.95 | 298.16 | 12.37 | 343.19 | 11.32 |

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|--------|-------|--------|-------|--------|------|--------|------|
| 343.81 | 11.31 | 388.62 | 10.44 | 433.20 | 9.62 | 477.55 | 8.86 |
| 344.44 | 11.27 | 389.24 | 10.43 | 433.81 | 9.62 | 478.17 | 8.85 |
| 345.06 | 11.23 | 389.86 | 10.41 | 434.43 | 9.62 | 478.78 | 8.85 |
| 345.68 | 11.20 | 390.48 | 10.40 | 435.05 | 9.60 | 479.40 | 8.85 |
| 346.31 | 11.19 | 391.10 | 10.39 | 435.67 | 9.60 | 480.01 | 8.82 |
| 346.93 | 11.16 | 391.72 | 10.39 | 436.28 | 9.60 | 480.62 | 8.83 |
| 347.56 | 11.13 | 392.34 | 10.38 | 436.90 | 9.58 | 481.24 | 8.80 |
| 348.18 | 11.12 | 392.96 | 10.38 | 437.52 | 9.59 | 481.85 | 8.79 |
| 348.80 | 11.09 | 393.58 | 10.38 | 438.14 | 9.58 | 482.47 | 8.78 |
| 349.43 | 11.08 | 394.20 | 10.37 | 438.75 | 9.58 | 483.08 | 8.76 |
| 350.05 | 11.07 | 394.82 | 10.35 | 439.37 | 9.57 | 483.70 | 8.74 |
| 350.67 | 11.05 | 395.44 | 10.34 | 439.99 | 9.57 | 484.31 | 8.73 |
| 351.30 | 11.05 | 396.06 | 10.33 | 440.60 | 9.56 | 484.92 | 8.72 |
| 351.92 | 11.05 | 396.68 | 10.31 | 441.22 | 9.55 | 485.54 | 8.71 |
| 352.54 | 11.03 | 397.30 | 10.30 | 441.84 | 9.54 | 486.15 | 8.69 |
| 353.17 | 11.02 | 397.92 | 10.30 | 442.46 | 9.55 | 486.77 | 8.63 |
| 353.79 | 11.00 | 398.54 | 10.29 | 443.07 | 9.53 | 487.38 | 8.61 |
| 354.41 | 10.99 | 399.16 | 10.29 | 443.69 | 9.52 | 487.99 | 8.58 |
| 355.04 | 11.00 | 399.78 | 10.30 | 444.31 | 9.51 | 488.61 | 8.57 |
| 355.66 | 10.97 | 400.40 | 10.28 | 444.92 | 9.48 | 489.22 | 8.56 |
| 356.28 | 10.94 | 401.02 | 10.29 | 445.54 | 9.48 | 489.83 | 8.55 |
| 356.90 | 10.93 | 401.64 | 10.29 | 446.16 | 9.46 | 490.45 | 8.55 |
| 357.53 | 10.90 | 402.26 | 10.29 | 446.77 | 9.46 | 491.06 | 8.54 |
| 358.15 | 10.88 | 402.88 | 10.30 | 447.39 | 9.45 | 491.67 | 8.53 |
| 358.77 | 10.84 | 403.50 | 10.28 | 448.01 | 9.43 | 492.29 | 8.52 |
| 359.40 | 10.83 | 404.12 | 10.27 | 448.62 | 9.39 | 492.90 | 8.52 |
| 360.02 | 10.83 | 404.74 | 10.25 | 449.24 | 9.36 | 493.51 | 8.50 |
| 360.64 | 10.81 | 405.36 | 10.23 | 449.86 | 9.34 | 494.13 | 8.47 |
| 361.26 | 10.80 | 405.98 | 10.21 | 450.47 | 9.32 | 494.74 | 8.46 |
| 361.89 | 10.79 | 406.60 | 10.18 | 451.09 | 9.33 | 495.35 | 8.45 |
| 362.51 | 10.78 | 407.22 | 10.15 | 451.71 | 9.31 | 495.97 | 8.45 |
| 363.13 | 10.78 | 407.84 | 10.11 | 452.32 | 9.30 | 496.58 | 8.44 |
| 363.75 | 10.78 | 408.46 | 10.09 | 452.94 | 9.29 | 497.19 | 8.41 |
| 364.38 | 10.77 | 409.08 | 10.08 | 453.55 | 9.28 | 497.81 | 8.39 |
| 365.00 | 10.77 | 409.70 | 10.07 | 454.17 | 9.27 | 498.42 | 8.37 |
| 365.62 | 10.77 | 410.32 | 10.08 | 454.79 | 9.25 | 499.03 | 8.35 |
| 366.24 | 10.77 | 410.93 | 10.06 | 455.40 | 9.24 | 499.65 | 8.34 |
| 366.87 | 10.76 | 411.55 | 10.06 | 456.02 | 9.24 | 500.26 | 8.33 |
| 367.49 | 10.76 | 412.17 | 10.05 | 456.63 | 9.22 | 500.87 | 8.33 |
| 368.11 | 10.75 | 412.79 | 10.04 | 457.25 | 9.22 | 501.49 | 8.32 |
| 368.73 | 10.76 | 413.41 | 10.00 | 457.87 | 9.22 | 502.10 | 8.33 |
| 369.35 | 10.75 | 414.03 | 9.97 | 458.48 | 9.20 | 502.71 | 8.31 |
| 369.98 | 10.73 | 414.65 | 9.95 | 459.10 | 9.19 | 503.32 | 8.31 |
| 370.60 | 10.75 | 415.27 | 9.92 | 459.71 | 9.17 | 503.94 | 8.30 |
| 371.22 | 10.73 | 415.89 | 9.89 | 460.33 | 9.17 | 504.55 | 8.30 |
| 371.84 | 10.71 | 416.51 | 9.86 | 460.95 | 9.16 | 505.16 | 8.30 |
| 372.46 | 10.70 | 417.12 | 9.84 | 461.56 | 9.15 | 505.77 | 8.30 |
| 373.09 | 10.68 | 417.74 | 9.82 | 462.18 | 9.14 | 506.39 | 8.30 |
| 373.71 | 10.67 | 418.36 | 9.82 | 462.79 | 9.13 | 507.00 | 8.31 |
| 374.33 | 10.68 | 418.98 | 9.81 | 463.41 | 9.12 | 507.61 | 8.31 |
| 374.95 | 10.67 | 419.60 | 9.79 | 464.02 | 9.12 | 508.22 | 8.31 |
| 375.57 | 10.66 | 420.22 | 9.78 | 464.64 | 9.10 | 508.84 | 8.30 |
| 376.19 | 10.65 | 420.84 | 9.78 | 465.25 | 9.09 | 509.45 | 8.29 |
| 376.82 | 10.64 | 421.45 | 9.76 | 465.87 | 9.07 | 510.06 | 8.31 |
| 377.44 | 10.65 | 422.07 | 9.76 | 466.48 | 9.07 | 510.67 | 8.29 |
| 378.06 | 10.63 | 422.69 | 9.75 | 467.10 | 9.08 | 511.28 | 8.28 |
| 378.68 | 10.63 | 423.31 | 9.74 | 467.72 | 9.06 | 511.90 | 8.26 |
| 379.30 | 10.63 | 423.93 | 9.74 | 468.33 | 9.06 | 512.51 | 8.27 |
| 379.92 | 10.62 | 424.55 | 9.73 | 468.95 | 9.04 | 513.12 | 8.25 |
| 380.54 | 10.61 | 425.16 | 9.73 | 469.56 | 9.02 | 513.73 | 8.24 |
| 381.17 | 10.61 | 425.78 | 9.72 | 470.18 | 9.01 | 514.34 | 8.21 |
| 381.79 | 10.59 | 426.40 | 9.71 | 470.79 | 9.00 | 514.96 | 8.20 |
| 382.41 | 10.58 | 427.02 | 9.70 | 471.41 | 8.99 | 515.57 | 8.19 |
| 383.03 | 10.57 | 427.64 | 9.69 | 472.02 | 8.98 | 516.18 | 8.18 |
| 383.65 | 10.57 | 428.25 | 9.68 | 472.64 | 8.96 | 516.79 | 8.16 |
| 384.27 | 10.56 | 428.87 | 9.66 | 473.25 | 8.94 | 517.40 | 8.16 |
| 384.89 | 10.55 | 429.49 | 9.65 | 473.86 | 8.92 | 518.02 | 8.14 |
| 385.51 | 10.54 | 430.11 | 9.64 | 474.48 | 8.92 | 518.63 | 8.12 |
| 386.13 | 10.51 | 430.73 | 9.64 | 475.09 | 8.90 | 519.24 | 8.11 |
| 386.75 | 10.49 | 431.34 | 9.64 | 475.71 | 8.89 | 519.85 | 8.11 |
| 387.38 | 10.47 | 431.96 | 9.63 | 476.32 | 8.88 | 520.46 | 8.10 |
| 388.00 | 10.46 | 432.58 | 9.63 | 476.94 | 8.88 | 521.07 | 8.09 |

| | | | | | | | |
|--------|------|--------|------|--------|------|--------|------|
| 521.68 | 8.07 | 565.59 | 7.48 | 609.28 | 6.92 | 652.74 | 6.56 |
| 522.30 | 8.06 | 566.20 | 7.47 | 609.88 | 6.92 | 653.34 | 6.56 |
| 522.91 | 8.07 | 566.81 | 7.47 | 610.49 | 6.92 | 653.94 | 6.56 |
| 523.52 | 8.05 | 567.42 | 7.45 | 611.09 | 6.91 | 654.54 | 6.56 |
| 524.13 | 8.04 | 568.03 | 7.45 | 611.70 | 6.91 | 655.14 | 6.57 |
| 524.74 | 8.04 | 568.63 | 7.44 | 612.30 | 6.90 | 655.75 | 6.55 |
| 525.35 | 8.03 | 569.24 | 7.43 | 612.91 | 6.90 | 656.35 | 6.55 |
| 525.96 | 8.02 | 569.85 | 7.41 | 613.51 | 6.90 | 656.95 | 6.53 |
| 526.57 | 8.01 | 570.46 | 7.41 | 614.12 | 6.89 | 657.55 | 6.52 |
| 527.19 | 7.99 | 571.07 | 7.40 | 614.72 | 6.89 | 658.15 | 6.51 |
| 527.80 | 7.97 | 571.67 | 7.40 | 615.33 | 6.88 | 658.75 | 6.51 |
| 528.41 | 7.97 | 572.28 | 7.39 | 615.93 | 6.87 | 659.36 | 6.51 |
| 529.02 | 7.96 | 572.89 | 7.38 | 616.54 | 6.86 | 659.96 | 6.50 |
| 529.63 | 7.95 | 573.50 | 7.38 | 617.14 | 6.86 | 660.56 | 6.50 |
| 530.24 | 7.94 | 574.10 | 7.37 | 617.74 | 6.86 | 661.16 | 6.49 |
| 530.85 | 7.95 | 574.71 | 7.37 | 618.35 | 6.87 | 661.76 | 6.49 |
| 531.46 | 7.92 | 575.32 | 7.36 | 618.95 | 6.86 | 662.36 | 6.48 |
| 532.07 | 7.91 | 575.93 | 7.36 | 619.56 | 6.85 | 662.96 | 6.48 |
| 532.68 | 7.90 | 576.53 | 7.35 | 620.16 | 6.85 | 663.57 | 6.48 |
| 533.29 | 7.89 | 577.14 | 7.35 | 620.77 | 6.85 | 664.17 | 6.48 |
| 533.90 | 7.88 | 577.75 | 7.35 | 621.37 | 6.86 | 664.77 | 6.48 |
| 534.51 | 7.88 | 578.36 | 7.34 | 621.98 | 6.85 | 665.37 | 6.48 |
| 535.12 | 7.87 | 578.96 | 7.33 | 622.58 | 6.85 | 665.97 | 6.46 |
| 535.73 | 7.87 | 579.57 | 7.33 | 623.18 | 6.85 | 666.57 | 6.45 |
| 536.35 | 7.86 | 580.18 | 7.32 | 623.79 | 6.85 | 667.17 | 6.45 |
| 536.96 | 7.85 | 580.79 | 7.32 | 624.39 | 6.84 | 667.77 | 6.44 |
| 537.57 | 7.84 | 581.39 | 7.32 | 625.00 | 6.83 | 668.38 | 6.43 |
| 538.18 | 7.83 | 582.00 | 7.30 | 625.60 | 6.83 | 668.98 | 6.42 |
| 538.79 | 7.84 | 582.61 | 7.30 | 626.20 | 6.83 | 669.58 | 6.40 |
| 539.40 | 7.83 | 583.21 | 7.28 | 626.81 | 6.82 | 670.18 | 6.40 |
| 540.01 | 7.82 | 583.82 | 7.29 | 627.41 | 6.82 | 670.78 | 6.38 |
| 540.62 | 7.79 | 584.43 | 7.27 | 628.02 | 6.81 | 671.38 | 6.37 |
| 541.23 | 7.78 | 585.04 | 7.25 | 628.62 | 6.80 | 671.98 | 6.37 |
| 541.84 | 7.77 | 585.64 | 7.24 | 629.22 | 6.80 | 672.58 | 6.36 |
| 542.45 | 7.76 | 586.25 | 7.22 | 629.83 | 6.79 | 673.18 | 6.36 |
| 543.06 | 7.72 | 586.86 | 7.21 | 630.43 | 6.79 | 673.78 | 6.35 |
| 543.67 | 7.69 | 587.46 | 7.21 | 631.03 | 6.78 | 674.38 | 6.35 |
| 544.28 | 7.67 | 588.07 | 7.19 | 631.64 | 6.76 | 674.98 | 6.35 |
| 544.89 | 7.66 | 588.68 | 7.18 | 632.24 | 6.74 | 675.58 | 6.35 |
| 545.50 | 7.65 | 589.28 | 7.17 | 632.84 | 6.73 | 676.18 | 6.34 |
| 546.11 | 7.66 | 589.89 | 7.16 | 633.45 | 6.71 | 676.78 | 6.34 |
| 546.71 | 7.64 | 590.50 | 7.15 | 634.05 | 6.72 | 677.38 | 6.34 |
| 547.32 | 7.65 | 591.10 | 7.14 | 634.66 | 6.71 | 677.98 | 6.32 |
| 547.93 | 7.64 | 591.71 | 7.14 | 635.26 | 6.72 | 678.58 | 6.32 |
| 548.54 | 7.65 | 592.31 | 7.12 | 635.86 | 6.72 | 679.18 | 6.32 |
| 549.15 | 7.64 | 592.92 | 7.11 | 636.47 | 6.70 | 679.79 | 6.30 |
| 549.76 | 7.64 | 593.53 | 7.11 | 637.07 | 6.69 | 680.39 | 6.30 |
| 550.37 | 7.63 | 594.13 | 7.11 | 637.67 | 6.69 | 680.99 | 6.30 |
| 550.98 | 7.64 | 594.74 | 7.11 | 638.27 | 6.67 | 681.59 | 6.29 |
| 551.59 | 7.64 | 595.35 | 7.11 | 638.88 | 6.66 | 682.19 | 6.28 |
| 552.20 | 7.62 | 595.95 | 7.11 | 639.48 | 6.64 | 682.79 | 6.28 |
| 552.81 | 7.62 | 596.56 | 7.10 | 640.08 | 6.63 | 683.38 | 6.28 |
| 553.42 | 7.62 | 597.16 | 7.11 | 640.69 | 6.63 | 683.98 | 6.27 |
| 554.03 | 7.61 | 597.77 | 7.09 | 641.29 | 6.63 | 684.58 | 6.27 |
| 554.64 | 7.60 | 598.38 | 7.08 | 641.89 | 6.61 | 685.18 | 6.27 |
| 555.25 | 7.59 | 598.98 | 7.06 | 642.50 | 6.62 | 685.78 | 6.27 |
| 555.85 | 7.59 | 599.59 | 7.06 | 643.10 | 6.61 | 686.38 | 6.26 |
| 556.46 | 7.58 | 600.19 | 7.06 | 643.70 | 6.62 | 686.98 | 6.24 |
| 557.07 | 7.58 | 600.80 | 7.05 | 644.30 | 6.61 | 687.58 | 6.24 |
| 557.68 | 7.58 | 601.41 | 7.03 | 644.91 | 6.60 | 688.18 | 6.25 |
| 558.29 | 7.58 | 602.01 | 7.02 | 645.51 | 6.60 | 688.78 | 6.24 |
| 558.90 | 7.57 | 602.62 | 7.02 | 646.11 | 6.59 | 689.38 | 6.23 |
| 559.51 | 7.56 | 603.22 | 7.02 | 646.71 | 6.59 | 689.98 | 6.23 |
| 560.12 | 7.56 | 603.83 | 7.02 | 647.32 | 6.59 | 690.58 | 6.22 |
| 560.72 | 7.55 | 604.43 | 7.00 | 647.92 | 6.58 | 691.18 | 6.21 |
| 561.33 | 7.56 | 605.04 | 7.00 | 648.52 | 6.58 | 691.78 | 6.22 |
| 561.94 | 7.54 | 605.64 | 6.98 | 649.12 | 6.59 | 692.38 | 6.21 |
| 562.55 | 7.53 | 606.25 | 6.97 | 649.73 | 6.58 | 692.98 | 6.21 |
| 563.16 | 7.53 | 606.86 | 6.95 | 650.33 | 6.58 | 693.58 | 6.19 |
| 563.77 | 7.51 | 607.46 | 6.94 | 650.93 | 6.57 | 694.18 | 6.19 |
| 564.38 | 7.51 | 608.07 | 6.93 | 651.53 | 6.57 | 694.77 | 6.18 |
| 564.98 | 7.49 | 608.67 | 6.92 | 652.13 | 6.56 | 695.37 | 6.17 |

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|--------|------|-------------------|-----------------|
| 695.97 | 6.17 | 738.98 | 5.97 |
| 696.57 | 6.17 | 739.58 | 5.97 |
| 697.17 | 6.16 | 740.18 | 5.97 |
| 697.77 | 6.16 | 740.77 | 5.97 |
| 698.37 | 6.16 | 741.37 | 5.96 |
| 698.97 | 6.15 | 741.96 | 5.95 |
| 699.57 | 6.17 | 742.56 | 5.95 |
| 700.16 | 6.15 | 743.15 | 5.94 |
| 700.76 | 6.15 | 743.75 | 5.94 |
| 701.36 | 6.16 | 744.35 | 5.93 |
| 701.96 | 6.14 | 744.94 | 5.91 |
| 702.56 | 6.14 | 745.54 | 5.90 |
| 703.16 | 6.13 | 746.13 | 5.92 |
| 703.76 | 6.14 | 746.73 | 5.90 |
| 704.35 | 6.12 | 747.32 | 5.89 |
| 704.95 | 6.12 | 747.92 | 5.90 |
| 705.55 | 6.11 | 748.51 | 5.90 |
| 706.15 | 6.11 | 749.11 | 5.89 |
| 706.75 | 6.10 | 749.70 | 5.89 |
| 707.34 | 6.10 | 750.30 | 5.89 |
| 707.94 | 6.09 | 750.89 | 5.90 |
| 708.54 | 6.09 | 751.49 | 5.88 |
| 709.14 | 6.09 | 752.08 | 5.88 |
| 709.74 | 6.09 | 752.68 | 5.88 |
| 710.33 | 6.08 | 753.27 | 5.88 |
| 710.93 | 6.09 | 753.87 | 5.87 |
| 711.53 | 6.08 | 754.46 | 5.88 |
| 712.13 | 6.07 | 755.06 | 5.86 |
| 712.73 | 6.08 | 755.65 | 5.86 |
| 713.32 | 6.09 | 756.25 | 5.88 |
| 713.92 | 6.08 | 756.84 | 5.89 |
| 714.52 | 6.07 | 757.43 | 5.88 |
| 715.12 | 6.06 | 758.03 | 5.88 |
| 715.71 | 6.07 | 758.62 | 5.85 |
| 716.31 | 6.06 | 759.22 | 5.85 |
| 716.91 | 6.06 | 759.81 | 5.85 |
| 717.51 | 6.06 | 760.41 | 5.84 |
| 718.10 | 6.05 | 761.00 | 2.20 |
| 718.70 | 6.04 | | |
| 719.30 | 6.05 | | |
| 719.90 | 6.03 | | |
| 720.49 | 6.03 | | |
| 721.09 | 6.02 | | |
| 721.69 | 6.02 | | |
| 722.28 | 6.02 | | |
| 722.88 | 6.01 | | |
| 723.48 | 6.02 | | |
| 724.08 | 6.02 | | |
| 724.67 | 6.02 | | |
| 725.27 | 6.01 | | |
| 725.87 | 6.02 | | |
| 726.46 | 6.01 | | |
| 727.06 | 6.01 | | |
| 727.66 | 6.01 | | |
| 728.25 | 6.01 | | |
| 728.85 | 6.01 | | |
| 729.45 | 6.01 | | |
| 730.04 | 6.01 | | |
| 730.64 | 6.01 | | |
| 731.23 | 6.01 | | |
| 731.83 | 6.00 | | |
| 732.43 | 6.01 | | |
| 733.02 | 6.01 | | |
| 733.62 | 6.00 | | |
| 734.22 | 6.00 | | |
| 734.81 | 6.00 | | |
| 735.41 | 6.00 | | |
| 736.00 | 6.00 | | |
| 736.60 | 5.99 | | |
| 737.20 | 5.98 | | |
| 737.79 | 5.97 | | |
| 738.39 | 5.97 | | |

Cruise: 92G02
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|-----------------|------------------|-------|-------|--------|-------|--------|-------|
| 0.65 | 22.19 | 41.33 | 22.07 | 83.77 | 21.85 | 126.02 | 20.77 |
| 1.29 | 22.33 | 41.98 | 22.06 | 84.41 | 21.86 | 126.66 | 20.68 |
| 1.94 | 22.44 | 42.62 | 22.07 | 85.05 | 21.86 | 127.30 | 20.64 |
| 2.59 | 22.09 | 43.27 | 22.06 | 85.70 | 21.86 | 127.94 | 20.60 |
| 3.24 | 22.03 | 43.91 | 22.06 | 86.34 | 21.85 | 128.58 | 20.57 |
| 3.88 | 22.01 | 44.55 | 22.07 | 86.98 | 21.85 | 129.21 | 20.48 |
| 4.53 | 22.00 | 45.20 | 22.07 | 87.62 | 21.85 | 129.85 | 20.44 |
| 5.18 | 22.00 | 45.84 | 22.07 | 88.26 | 21.86 | 130.49 | 20.39 |
| 5.82 | 22.02 | 46.49 | 22.07 | 88.90 | 21.85 | 131.13 | 20.36 |
| 6.47 | 22.00 | 47.13 | 22.07 | 89.54 | 21.86 | 131.77 | 20.32 |
| 7.12 | 22.00 | 47.77 | 22.07 | 90.18 | 21.85 | 132.41 | 20.31 |
| 7.76 | 22.00 | 48.42 | 22.07 | 90.83 | 21.85 | 133.04 | 20.25 |
| 8.41 | 22.00 | 49.06 | 22.08 | 91.47 | 21.85 | 133.68 | 20.13 |
| 9.06 | 21.99 | 49.71 | 22.06 | 92.11 | 21.84 | 134.32 | 20.06 |
| 9.70 | 22.00 | 50.35 | 22.07 | 92.75 | 21.84 | 134.96 | 20.00 |
| 10.35 | 22.02 | 50.99 | 22.06 | 93.39 | 21.85 | 135.60 | 19.96 |
| 11.00 | 22.01 | 51.64 | 22.06 | 94.03 | 21.83 | 136.24 | 19.92 |
| 11.64 | 22.00 | 52.28 | 22.06 | 94.67 | 21.84 | 136.87 | 19.86 |
| 12.29 | 22.02 | 52.93 | 22.06 | 95.31 | 21.83 | 137.51 | 19.76 |
| 12.94 | 22.02 | 53.57 | 22.06 | 95.95 | 21.83 | 138.15 | 19.67 |
| 13.58 | 22.01 | 54.21 | 22.07 | 96.59 | 21.83 | 138.79 | 19.60 |
| 14.23 | 22.00 | 54.86 | 22.05 | 97.23 | 21.82 | 139.43 | 19.59 |
| 14.87 | 22.00 | 55.50 | 22.06 | 97.88 | 21.79 | 140.06 | 19.58 |
| 15.52 | 22.00 | 56.14 | 22.05 | 98.52 | 21.80 | 140.70 | 19.56 |
| 16.17 | 22.01 | 56.79 | 22.06 | 99.16 | 21.78 | 141.34 | 19.55 |
| 16.81 | 22.01 | 57.43 | 22.05 | 99.80 | 21.78 | 141.98 | 19.55 |
| 17.46 | 22.01 | 58.07 | 22.06 | 100.44 | 21.79 | 142.61 | 19.54 |
| 18.10 | 22.01 | 58.72 | 22.06 | 101.08 | 21.78 | 143.25 | 19.54 |
| 18.75 | 22.01 | 59.36 | 22.05 | 101.72 | 21.78 | 143.89 | 19.52 |
| 19.40 | 22.03 | 60.00 | 22.07 | 102.36 | 21.77 | 144.53 | 19.46 |
| 20.04 | 22.03 | 60.65 | 22.06 | 103.00 | 21.77 | 145.16 | 19.34 |
| 20.69 | 22.01 | 61.29 | 22.06 | 103.64 | 21.75 | 145.80 | 19.22 |
| 21.33 | 22.02 | 61.93 | 22.06 | 104.28 | 21.75 | 146.44 | 19.17 |
| 21.98 | 22.03 | 62.58 | 22.05 | 104.92 | 21.76 | 147.08 | 19.10 |
| 22.63 | 22.02 | 63.22 | 22.05 | 105.56 | 21.74 | 147.71 | 19.04 |
| 23.27 | 22.02 | 63.86 | 22.06 | 106.20 | 21.73 | 148.35 | 19.01 |
| 23.92 | 22.03 | 64.50 | 22.04 | 106.84 | 21.72 | 148.99 | 18.98 |
| 24.56 | 22.04 | 65.15 | 22.04 | 107.48 | 21.69 | 149.62 | 18.93 |
| 25.21 | 22.04 | 65.79 | 22.04 | 108.12 | 21.69 | 150.26 | 18.90 |
| 25.85 | 22.05 | 66.43 | 22.04 | 108.76 | 21.67 | 150.90 | 18.88 |
| 26.50 | 22.05 | 67.08 | 22.05 | 109.40 | 21.66 | 151.54 | 18.87 |
| 27.14 | 22.05 | 67.72 | 22.04 | 110.04 | 21.68 | 152.17 | 18.86 |
| 27.79 | 22.04 | 68.36 | 22.03 | 110.68 | 21.69 | 152.81 | 18.84 |
| 28.43 | 22.05 | 69.00 | 22.04 | 111.32 | 21.68 | 153.45 | 18.80 |
| 29.08 | 22.07 | 69.65 | 22.02 | 111.96 | 21.68 | 154.08 | 18.76 |
| 29.73 | 22.05 | 70.29 | 22.02 | 112.60 | 21.66 | 154.72 | 18.71 |
| 30.37 | 22.06 | 70.93 | 22.02 | 113.24 | 21.65 | 155.36 | 18.65 |
| 31.02 | 22.06 | 71.57 | 22.00 | 113.88 | 21.65 | 155.99 | 18.62 |
| 31.66 | 22.06 | 72.22 | 21.98 | 114.52 | 21.64 | 156.63 | 18.57 |
| 32.31 | 22.06 | 72.86 | 21.97 | 115.16 | 21.62 | 157.27 | 18.52 |
| 32.95 | 22.06 | 73.50 | 21.96 | 115.80 | 21.62 | 157.90 | 18.47 |
| 33.60 | 22.06 | 74.14 | 21.95 | 116.44 | 21.62 | 158.54 | 18.43 |
| 34.24 | 22.06 | 74.78 | 21.94 | 117.07 | 21.61 | 159.18 | 18.37 |
| 34.89 | 22.08 | 75.43 | 21.92 | 117.71 | 21.60 | 159.81 | 18.30 |
| 35.53 | 22.06 | 76.07 | 21.91 | 118.35 | 21.59 | 160.45 | 18.22 |
| 36.18 | 22.07 | 76.71 | 21.92 | 118.99 | 21.60 | 161.09 | 18.18 |
| 36.82 | 22.07 | 77.35 | 21.92 | 119.63 | 21.58 | 161.72 | 18.16 |
| 37.46 | 22.07 | 77.99 | 21.90 | 120.27 | 21.59 | 162.36 | 18.14 |
| 38.11 | 22.06 | 78.64 | 21.89 | 120.91 | 21.57 | 163.00 | 18.06 |
| 38.75 | 22.07 | 79.28 | 21.89 | 121.55 | 21.55 | 163.63 | 18.00 |
| 39.40 | 22.07 | 79.92 | 21.89 | 122.19 | 21.44 | 164.27 | 17.98 |
| 40.04 | 22.06 | 80.56 | 21.89 | 122.83 | 21.35 | 164.90 | 17.96 |
| 40.69 | 22.06 | 81.20 | 21.88 | 123.47 | 21.26 | 165.54 | 17.95 |
| | | 81.85 | 21.87 | 124.11 | 21.15 | 166.18 | 17.94 |
| | | 82.49 | 21.87 | 124.74 | 21.03 | 166.81 | 17.91 |
| | | 83.13 | 21.85 | 125.38 | 20.91 | 167.45 | 17.86 |

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|--------|-------|--------|-------|--------|-------|--------|-------|
| 168.08 | 17.84 | 213.76 | 15.90 | 259.20 | 14.06 | 304.43 | 12.72 |
| 168.72 | 17.79 | 214.39 | 15.89 | 259.83 | 14.03 | 305.05 | 12.71 |
| 169.36 | 17.76 | 215.02 | 15.89 | 260.46 | 14.02 | 305.68 | 12.67 |
| 169.99 | 17.75 | 215.65 | 15.88 | 261.09 | 14.00 | 306.31 | 12.64 |
| 170.63 | 17.70 | 216.29 | 15.83 | 261.72 | 13.98 | 306.93 | 12.62 |
| 171.26 | 17.68 | 216.92 | 15.81 | 262.35 | 13.96 | 307.56 | 12.61 |
| 171.90 | 17.63 | 217.55 | 15.81 | 262.98 | 13.95 | 308.18 | 12.60 |
| 172.53 | 17.63 | 218.18 | 15.80 | 263.61 | 13.93 | 308.81 | 12.59 |
| 173.17 | 17.60 | 218.82 | 15.80 | 264.24 | 13.92 | 309.44 | 12.58 |
| 173.80 | 17.59 | 219.45 | 15.78 | 264.87 | 13.88 | 310.06 | 12.56 |
| 174.44 | 17.54 | 220.08 | 15.74 | 265.50 | 13.87 | 310.69 | 12.53 |
| 175.08 | 17.51 | 220.71 | 15.70 | 266.13 | 13.84 | 311.32 | 12.49 |
| 175.71 | 17.48 | 221.35 | 15.70 | 266.76 | 13.82 | 311.94 | 12.45 |
| 176.35 | 17.45 | 221.98 | 15.66 | 267.38 | 13.80 | 312.57 | 12.40 |
| 176.98 | 17.45 | 222.61 | 15.64 | 268.01 | 13.77 | 313.19 | 12.39 |
| 177.62 | 17.43 | 223.24 | 15.63 | 268.64 | 13.72 | 313.82 | 12.38 |
| 178.25 | 17.43 | 223.87 | 15.60 | 269.27 | 13.70 | 314.45 | 12.35 |
| 178.89 | 17.38 | 224.51 | 15.58 | 269.90 | 13.68 | 315.07 | 12.34 |
| 179.52 | 17.37 | 225.14 | 15.54 | 270.53 | 13.66 | 315.70 | 12.33 |
| 180.16 | 17.36 | 225.77 | 15.50 | 271.16 | 13.63 | 316.32 | 12.33 |
| 180.79 | 17.33 | 226.40 | 15.49 | 271.79 | 13.62 | 316.95 | 12.32 |
| 181.43 | 17.32 | 227.03 | 15.46 | 272.42 | 13.60 | 317.57 | 12.31 |
| 182.06 | 17.27 | 227.67 | 15.42 | 273.04 | 13.58 | 318.20 | 12.28 |
| 182.70 | 17.25 | 228.30 | 15.39 | 273.67 | 13.57 | 318.83 | 12.27 |
| 183.33 | 17.24 | 228.93 | 15.37 | 274.30 | 13.55 | 319.45 | 12.24 |
| 183.97 | 17.22 | 229.56 | 15.35 | 274.93 | 13.54 | 320.08 | 12.23 |
| 184.60 | 17.18 | 230.19 | 15.31 | 275.56 | 13.53 | 320.70 | 12.22 |
| 185.24 | 17.13 | 230.82 | 15.28 | 276.19 | 13.52 | 321.33 | 12.21 |
| 185.87 | 17.11 | 231.46 | 15.27 | 276.82 | 13.48 | 321.95 | 12.19 |
| 186.51 | 17.08 | 232.09 | 15.23 | 277.44 | 13.46 | 322.58 | 12.17 |
| 187.14 | 17.06 | 232.72 | 15.21 | 278.07 | 13.44 | 323.20 | 12.17 |
| 187.78 | 17.04 | 233.35 | 15.20 | 278.70 | 13.42 | 323.83 | 12.14 |
| 188.41 | 16.98 | 233.98 | 15.19 | 279.33 | 13.40 | 324.45 | 12.12 |
| 189.04 | 16.94 | 234.61 | 15.17 | 279.96 | 13.39 | 325.08 | 12.09 |
| 189.68 | 16.91 | 235.24 | 15.16 | 280.59 | 13.35 | 325.70 | 12.07 |
| 190.31 | 16.88 | 235.88 | 15.11 | 281.21 | 13.33 | 326.33 | 12.03 |
| 190.95 | 16.84 | 236.51 | 15.06 | 281.84 | 13.29 | 326.95 | 12.02 |
| 191.58 | 16.82 | 237.14 | 15.03 | 282.47 | 13.27 | 327.58 | 12.02 |
| 192.22 | 16.82 | 237.77 | 14.98 | 283.10 | 13.24 | 328.20 | 12.00 |
| 192.85 | 16.79 | 238.40 | 14.94 | 283.73 | 13.22 | 328.83 | 11.97 |
| 193.48 | 16.78 | 239.03 | 14.90 | 284.35 | 13.21 | 329.45 | 11.94 |
| 194.12 | 16.75 | 239.66 | 14.85 | 284.98 | 13.20 | 330.08 | 11.92 |
| 194.75 | 16.73 | 240.29 | 14.82 | 285.61 | 13.16 | 330.70 | 11.92 |
| 195.39 | 16.71 | 240.92 | 14.78 | 286.24 | 13.15 | 331.33 | 11.90 |
| 196.02 | 16.69 | 241.56 | 14.75 | 286.87 | 13.12 | 331.95 | 11.88 |
| 196.65 | 16.67 | 242.19 | 14.73 | 287.49 | 13.09 | 332.58 | 11.86 |
| 197.29 | 16.64 | 242.82 | 14.70 | 288.12 | 13.08 | 333.20 | 11.85 |
| 197.92 | 16.62 | 243.45 | 14.67 | 288.75 | 13.06 | 333.83 | 11.84 |
| 198.56 | 16.60 | 244.08 | 14.65 | 289.38 | 13.05 | 334.45 | 11.83 |
| 199.19 | 16.57 | 244.71 | 14.61 | 290.00 | 13.03 | 335.08 | 11.81 |
| 199.82 | 16.54 | 245.34 | 14.59 | 290.63 | 13.02 | 335.70 | 11.82 |
| 200.46 | 16.51 | 245.97 | 14.55 | 291.26 | 13.01 | 336.32 | 11.81 |
| 201.09 | 16.47 | 246.60 | 14.53 | 291.89 | 12.99 | 336.95 | 11.80 |
| 201.72 | 16.44 | 247.23 | 14.49 | 292.51 | 12.98 | 337.57 | 11.76 |
| 202.36 | 16.40 | 247.86 | 14.49 | 293.14 | 12.97 | 338.20 | 11.74 |
| 202.99 | 16.37 | 248.49 | 14.45 | 293.77 | 12.95 | 338.82 | 11.71 |
| 203.63 | 16.35 | 249.12 | 14.43 | 294.40 | 12.94 | 339.45 | 11.69 |
| 204.26 | 16.32 | 249.75 | 14.41 | 295.02 | 12.91 | 340.07 | 11.68 |
| 204.89 | 16.30 | 250.38 | 14.38 | 295.65 | 12.88 | 340.69 | 11.66 |
| 205.53 | 16.27 | 251.01 | 14.34 | 296.28 | 12.87 | 341.32 | 11.66 |
| 206.16 | 16.25 | 251.64 | 14.31 | 296.90 | 12.86 | 341.94 | 11.63 |
| 206.79 | 16.21 | 252.27 | 14.27 | 297.53 | 12.85 | 342.57 | 11.61 |
| 207.43 | 16.18 | 252.90 | 14.26 | 298.16 | 12.83 | 343.19 | 11.60 |
| 208.06 | 16.14 | 253.53 | 14.23 | 298.79 | 12.82 | 343.81 | 11.59 |
| 208.69 | 16.12 | 254.16 | 14.22 | 299.41 | 12.80 | 344.44 | 11.59 |
| 209.32 | 16.10 | 254.79 | 14.21 | 300.04 | 12.79 | 345.06 | 11.57 |
| 209.96 | 16.08 | 255.42 | 14.20 | 300.67 | 12.79 | 345.68 | 11.54 |
| 210.59 | 16.06 | 256.05 | 14.18 | 301.29 | 12.77 | 346.31 | 11.53 |
| 211.22 | 16.01 | 256.68 | 14.16 | 301.92 | 12.77 | 346.93 | 11.51 |
| 211.86 | 15.98 | 257.31 | 14.15 | 302.55 | 12.76 | 347.56 | 11.47 |
| 212.49 | 15.94 | 257.94 | 14.11 | 303.17 | 12.76 | 348.18 | 11.44 |
| 213.12 | 15.91 | 258.57 | 14.09 | 303.80 | 12.73 | 348.80 | 11.42 |

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|--------|-------|--------|-------|--------|------|--------|------|
| 349.43 | 11.39 | 394.20 | 10.65 | 438.75 | 9.72 | 483.08 | 9.12 |
| 350.05 | 11.37 | 394.82 | 10.66 | 439.37 | 9.72 | 483.70 | 9.13 |
| 350.67 | 11.37 | 395.44 | 10.64 | 439.99 | 9.71 | 484.31 | 9.11 |
| 351.30 | 11.36 | 396.06 | 10.62 | 440.60 | 9.70 | 484.92 | 9.11 |
| 351.92 | 11.34 | 396.68 | 10.59 | 441.22 | 9.69 | 485.54 | 9.09 |
| 352.54 | 11.33 | 397.30 | 10.58 | 441.84 | 9.68 | 486.15 | 9.07 |
| 353.17 | 11.30 | 397.92 | 10.55 | 442.46 | 9.66 | 486.77 | 9.07 |
| 353.79 | 11.30 | 398.54 | 10.53 | 443.07 | 9.66 | 487.38 | 9.06 |
| 354.41 | 11.28 | 399.16 | 10.53 | 443.69 | 9.65 | 487.99 | 9.05 |
| 355.04 | 11.27 | 399.78 | 10.50 | 444.31 | 9.64 | 488.61 | 9.03 |
| 355.66 | 11.26 | 400.40 | 10.48 | 444.92 | 9.63 | 489.22 | 8.99 |
| 356.28 | 11.25 | 401.02 | 10.47 | 445.54 | 9.63 | 489.83 | 8.98 |
| 356.90 | 11.24 | 401.64 | 10.46 | 446.16 | 9.62 | 490.45 | 8.94 |
| 357.53 | 11.23 | 402.26 | 10.43 | 446.77 | 9.62 | 491.06 | 8.93 |
| 358.15 | 11.22 | 402.88 | 10.42 | 447.39 | 9.61 | 491.67 | 8.90 |
| 358.77 | 11.18 | 403.50 | 10.40 | 448.01 | 9.60 | 492.29 | 8.89 |
| 359.40 | 11.15 | 404.12 | 10.40 | 448.62 | 9.59 | 492.90 | 8.88 |
| 360.02 | 11.12 | 404.74 | 10.39 | 449.24 | 9.59 | 493.51 | 8.86 |
| 360.64 | 11.12 | 405.36 | 10.36 | 449.86 | 9.58 | 494.13 | 8.85 |
| 361.26 | 11.11 | 405.98 | 10.36 | 450.47 | 9.58 | 494.74 | 8.84 |
| 361.89 | 11.10 | 406.60 | 10.35 | 451.09 | 9.57 | 495.35 | 8.82 |
| 362.51 | 11.09 | 407.22 | 10.36 | 451.71 | 9.57 | 495.97 | 8.81 |
| 363.13 | 11.09 | 407.84 | 10.35 | 452.32 | 9.58 | 496.58 | 8.81 |
| 363.75 | 11.08 | 408.46 | 10.34 | 452.94 | 9.56 | 497.19 | 8.78 |
| 364.38 | 11.07 | 409.08 | 10.33 | 453.55 | 9.55 | 497.81 | 8.78 |
| 365.00 | 11.06 | 409.70 | 10.31 | 454.17 | 9.53 | 498.42 | 8.78 |
| 365.62 | 11.06 | 410.32 | 10.30 | 454.79 | 9.53 | 499.03 | 8.77 |
| 366.24 | 11.03 | 410.93 | 10.29 | 455.40 | 9.53 | 499.65 | 8.76 |
| 366.87 | 11.01 | 411.55 | 10.28 | 456.02 | 9.51 | 500.26 | 8.75 |
| 367.49 | 10.97 | 412.17 | 10.25 | 456.63 | 9.51 | 500.87 | 8.75 |
| 368.11 | 10.94 | 412.79 | 10.25 | 457.25 | 9.49 | 501.49 | 8.74 |
| 368.73 | 10.92 | 413.41 | 10.24 | 457.87 | 9.48 | 502.10 | 8.72 |
| 369.35 | 10.92 | 414.03 | 10.24 | 458.48 | 9.47 | 502.71 | 8.73 |
| 369.98 | 10.91 | 414.65 | 10.22 | 459.10 | 9.47 | 503.32 | 8.72 |
| 370.60 | 10.92 | 415.27 | 10.22 | 459.71 | 9.45 | 503.94 | 8.69 |
| 371.22 | 10.91 | 415.89 | 10.21 | 460.33 | 9.44 | 504.55 | 8.70 |
| 371.84 | 10.91 | 416.51 | 10.20 | 460.95 | 9.42 | 505.16 | 8.69 |
| 372.46 | 10.90 | 417.12 | 10.20 | 461.56 | 9.43 | 505.77 | 8.67 |
| 373.09 | 10.90 | 417.74 | 10.20 | 462.18 | 9.41 | 506.39 | 8.68 |
| 373.71 | 10.89 | 418.36 | 10.20 | 462.79 | 9.41 | 507.00 | 8.66 |
| 374.33 | 10.89 | 418.98 | 10.19 | 463.41 | 9.40 | 507.61 | 8.65 |
| 374.95 | 10.89 | 419.60 | 10.18 | 464.02 | 9.40 | 508.22 | 8.65 |
| 375.57 | 10.88 | 420.22 | 10.17 | 464.64 | 9.41 | 508.84 | 8.63 |
| 376.19 | 10.89 | 420.84 | 10.14 | 465.25 | 9.39 | 509.45 | 8.62 |
| 376.82 | 10.88 | 421.45 | 10.15 | 465.87 | 9.38 | 510.06 | 8.61 |
| 377.44 | 10.88 | 422.07 | 10.15 | 466.48 | 9.38 | 510.67 | 8.60 |
| 378.06 | 10.88 | 422.69 | 10.12 | 467.10 | 9.37 | 511.28 | 8.59 |
| 378.68 | 10.87 | 423.31 | 10.12 | 467.72 | 9.37 | 511.90 | 8.59 |
| 379.30 | 10.86 | 423.93 | 10.10 | 468.33 | 9.36 | 512.51 | 8.58 |
| 379.92 | 10.87 | 424.55 | 10.09 | 468.95 | 9.35 | 513.12 | 8.57 |
| 380.54 | 10.85 | 425.16 | 10.07 | 469.56 | 9.34 | 513.73 | 8.56 |
| 381.17 | 10.84 | 425.78 | 10.07 | 470.18 | 9.33 | 514.34 | 8.55 |
| 381.79 | 10.81 | 426.40 | 10.06 | 470.79 | 9.32 | 514.96 | 8.54 |
| 382.41 | 10.79 | 427.02 | 10.04 | 471.41 | 9.30 | 515.57 | 8.54 |
| 383.03 | 10.80 | 427.64 | 10.03 | 472.02 | 9.29 | 516.18 | 8.52 |
| 383.65 | 10.79 | 428.25 | 10.02 | 472.64 | 9.28 | 516.79 | 8.53 |
| 384.27 | 10.80 | 428.87 | 10.01 | 473.25 | 9.28 | 517.40 | 8.51 |
| 384.89 | 10.80 | 429.49 | 9.97 | 473.86 | 9.27 | 518.02 | 8.51 |
| 385.51 | 10.79 | 430.11 | 9.95 | 474.48 | 9.27 | 518.63 | 8.51 |
| 386.13 | 10.79 | 430.73 | 9.93 | 475.09 | 9.26 | 519.24 | 8.48 |
| 386.75 | 10.78 | 431.34 | 9.93 | 475.71 | 9.26 | 519.85 | 8.47 |
| 387.38 | 10.80 | 431.96 | 9.91 | 476.32 | 9.26 | 520.46 | 8.46 |
| 388.00 | 10.78 | 432.58 | 9.90 | 476.94 | 9.24 | 521.07 | 8.44 |
| 388.62 | 10.76 | 433.20 | 9.88 | 477.55 | 9.24 | 521.68 | 8.44 |
| 389.24 | 10.73 | 433.81 | 9.86 | 478.17 | 9.22 | 522.30 | 8.41 |
| 389.86 | 10.72 | 434.43 | 9.84 | 478.78 | 9.20 | 522.91 | 8.41 |
| 390.48 | 10.70 | 435.05 | 9.84 | 479.40 | 9.19 | 523.52 | 8.41 |
| 391.10 | 10.69 | 435.67 | 9.83 | 480.01 | 9.15 | 524.13 | 8.38 |
| 391.72 | 10.67 | 436.28 | 9.82 | 480.62 | 9.15 | 524.74 | 8.37 |
| 392.34 | 10.66 | 436.90 | 9.81 | 481.24 | 9.15 | 525.35 | 8.36 |
| 392.96 | 10.66 | 437.52 | 9.76 | 481.85 | 9.13 | 525.96 | 8.35 |
| 393.58 | 10.66 | 438.14 | 9.74 | 482.47 | 9.12 | 526.57 | 8.34 |

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|--------|------|--------|------|--------|------|--------|------|
| 527.19 | 8.32 | 571.07 | 7.70 | 614.72 | 7.21 | 658.15 | 6.85 |
| 527.80 | 8.32 | 571.67 | 7.69 | 615.33 | 7.20 | 658.75 | 6.85 |
| 528.41 | 8.30 | 572.28 | 7.69 | 615.93 | 7.19 | 659.36 | 6.83 |
| 529.02 | 8.30 | 572.89 | 7.67 | 616.54 | 7.18 | 659.96 | 6.82 |
| 529.63 | 8.28 | 573.50 | 7.66 | 617.14 | 7.17 | 660.56 | 6.81 |
| 530.24 | 8.27 | 574.10 | 7.65 | 617.74 | 7.16 | 661.16 | 6.80 |
| 530.85 | 8.26 | 574.71 | 7.65 | 618.35 | 7.15 | 661.76 | 6.80 |
| 531.46 | 8.26 | 575.32 | 7.65 | 618.95 | 7.14 | 662.36 | 6.79 |
| 532.07 | 8.22 | 575.93 | 7.66 | 619.56 | 7.13 | 662.96 | 6.80 |
| 532.68 | 8.20 | 576.53 | 7.65 | 620.16 | 7.12 | 663.57 | 6.79 |
| 533.29 | 8.18 | 577.14 | 7.63 | 620.77 | 7.12 | 664.17 | 6.79 |
| 533.90 | 8.17 | 577.75 | 7.62 | 621.37 | 7.11 | 664.77 | 6.79 |
| 534.51 | 8.17 | 578.36 | 7.61 | 621.98 | 7.11 | 665.37 | 6.78 |
| 535.12 | 8.14 | 578.96 | 7.60 | 622.58 | 7.10 | 665.97 | 6.77 |
| 535.73 | 8.13 | 579.57 | 7.60 | 623.18 | 7.10 | 666.57 | 6.78 |
| 536.35 | 8.11 | 580.18 | 7.59 | 623.79 | 7.10 | 667.17 | 6.78 |
| 536.96 | 8.10 | 580.79 | 7.59 | 624.39 | 7.11 | 667.77 | 6.77 |
| 537.57 | 8.08 | 581.39 | 7.58 | 625.00 | 7.10 | 668.38 | 6.77 |
| 538.18 | 8.07 | 582.00 | 7.58 | 625.60 | 7.10 | 668.98 | 6.77 |
| 538.79 | 8.06 | 582.61 | 7.57 | 626.20 | 7.11 | 669.58 | 6.77 |
| 539.40 | 8.05 | 583.21 | 7.56 | 626.81 | 7.09 | 670.18 | 6.77 |
| 540.01 | 8.05 | 583.82 | 7.56 | 627.41 | 7.10 | 670.78 | 6.76 |
| 540.62 | 8.05 | 584.43 | 7.55 | 628.02 | 7.10 | 671.38 | 6.76 |
| 541.23 | 8.04 | 585.04 | 7.53 | 628.62 | 7.09 | 671.98 | 6.75 |
| 541.84 | 8.03 | 585.64 | 7.51 | 629.22 | 7.07 | 672.58 | 6.74 |
| 542.45 | 8.02 | 586.25 | 7.50 | 629.83 | 7.06 | 673.18 | 6.73 |
| 543.06 | 8.01 | 586.86 | 7.49 | 630.43 | 7.06 | 673.78 | 6.72 |
| 543.67 | 8.02 | 587.46 | 7.49 | 631.03 | 7.05 | 674.38 | 6.70 |
| 544.28 | 8.03 | 588.07 | 7.49 | 631.64 | 7.06 | 674.98 | 6.69 |
| 544.89 | 8.02 | 588.68 | 7.49 | 632.24 | 7.04 | 675.58 | 6.67 |
| 545.50 | 8.04 | 589.28 | 7.48 | 632.84 | 7.02 | 676.18 | 6.68 |
| 546.11 | 8.02 | 589.89 | 7.48 | 633.45 | 7.02 | 676.78 | 6.67 |
| 546.71 | 8.00 | 590.50 | 7.48 | 634.05 | 7.01 | 677.38 | 6.66 |
| 547.32 | 8.01 | 591.10 | 7.48 | 634.66 | 7.01 | 677.98 | 6.67 |
| 547.93 | 8.00 | 591.71 | 7.47 | 635.26 | 7.01 | 678.58 | 6.68 |
| 548.54 | 8.00 | 592.31 | 7.47 | 635.86 | 7.00 | 679.18 | 6.66 |
| 549.15 | 8.00 | 592.92 | 7.43 | 636.47 | 7.02 | 679.79 | 6.65 |
| 549.76 | 7.98 | 593.53 | 7.43 | 637.07 | 7.00 | 680.39 | 6.65 |
| 550.37 | 7.98 | 594.13 | 7.41 | 637.67 | 6.99 | 680.99 | 6.63 |
| 550.98 | 7.98 | 594.74 | 7.40 | 638.27 | 7.00 | 681.59 | 6.61 |
| 551.59 | 7.99 | 595.35 | 7.40 | 638.88 | 7.00 | 682.19 | 6.61 |
| 552.20 | 7.98 | 595.95 | 7.37 | 639.48 | 6.99 | 682.79 | 6.60 |
| 552.81 | 7.98 | 596.56 | 7.37 | 640.08 | 6.99 | 683.38 | 6.60 |
| 553.42 | 7.95 | 597.16 | 7.36 | 640.69 | 6.98 | 683.98 | 6.59 |
| 554.03 | 7.94 | 597.77 | 7.34 | 641.29 | 7.00 | 684.58 | 6.58 |
| 554.64 | 7.93 | 598.38 | 7.35 | 641.89 | 6.99 | 685.18 | 6.56 |
| 555.25 | 7.92 | 598.98 | 7.34 | 642.50 | 6.98 | 685.78 | 6.55 |
| 555.85 | 7.92 | 599.59 | 7.34 | 643.10 | 6.97 | 686.38 | 6.55 |
| 556.46 | 7.92 | 600.19 | 7.33 | 643.70 | 6.98 | 686.98 | 6.56 |
| 557.07 | 7.91 | 600.80 | 7.32 | 644.30 | 6.97 | 687.58 | 6.54 |
| 557.68 | 7.89 | 601.41 | 7.31 | 644.91 | 6.97 | 688.18 | 6.52 |
| 558.29 | 7.88 | 602.01 | 7.29 | 645.51 | 6.96 | 688.78 | 6.50 |
| 558.90 | 7.88 | 602.62 | 7.29 | 646.11 | 6.95 | 689.38 | 6.49 |
| 559.51 | 7.86 | 603.22 | 7.28 | 646.71 | 6.94 | 689.98 | 6.47 |
| 560.12 | 7.84 | 603.83 | 7.28 | 647.32 | 6.93 | 690.58 | 6.46 |
| 560.72 | 7.83 | 604.43 | 7.27 | 647.92 | 6.93 | 691.18 | 6.47 |
| 561.33 | 7.83 | 605.04 | 7.26 | 648.52 | 6.92 | 691.78 | 6.47 |
| 561.94 | 7.81 | 605.64 | 7.26 | 649.12 | 6.92 | 692.38 | 6.46 |
| 562.55 | 7.80 | 606.25 | 7.24 | 649.73 | 6.92 | 692.98 | 6.44 |
| 563.16 | 7.78 | 606.86 | 7.23 | 650.33 | 6.92 | 693.58 | 6.42 |
| 563.77 | 7.78 | 607.46 | 7.23 | 650.93 | 6.93 | 694.18 | 6.41 |
| 564.38 | 7.77 | 608.07 | 7.24 | 651.53 | 6.92 | 694.77 | 6.38 |
| 564.98 | 7.76 | 608.67 | 7.23 | 652.13 | 6.91 | 695.37 | 6.38 |
| 565.59 | 7.77 | 609.28 | 7.21 | 652.74 | 6.91 | 695.97 | 6.37 |
| 566.20 | 7.76 | 609.88 | 7.22 | 653.34 | 6.90 | 696.57 | 6.37 |
| 566.81 | 7.74 | 610.49 | 7.21 | 653.94 | 6.90 | 697.17 | 6.35 |
| 567.42 | 7.74 | 611.09 | 7.21 | 654.54 | 6.89 | 697.77 | 6.37 |
| 568.03 | 7.72 | 611.70 | 7.21 | 655.14 | 6.88 | 698.37 | 6.36 |
| 568.63 | 7.72 | 612.30 | 7.21 | 655.75 | 6.87 | 698.97 | 6.35 |
| 569.24 | 7.72 | 612.91 | 7.21 | 656.35 | 6.87 | 699.57 | 6.35 |
| 569.85 | 7.72 | 613.51 | 7.20 | 656.95 | 6.87 | 700.16 | 6.35 |
| 570.46 | 7.70 | 614.12 | 7.22 | 657.55 | 6.86 | 700.76 | 6.34 |

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|--------|------|-------------------|-----------------|
| 701.36 | 6.34 | 744.35 | 5.99 |
| 701.96 | 6.34 | 744.94 | 5.98 |
| 702.56 | 6.34 | 745.54 | 5.97 |
| 703.16 | 6.34 | 746.13 | 5.98 |
| 703.76 | 6.33 | 746.73 | 5.98 |
| 704.35 | 6.33 | 747.32 | 5.98 |
| 704.95 | 6.31 | 747.92 | 5.98 |
| 705.55 | 6.31 | 748.51 | 5.97 |
| 706.15 | 6.32 | 749.11 | 5.97 |
| 706.75 | 6.30 | 749.70 | 5.97 |
| 707.34 | 6.31 | 750.30 | 5.96 |
| 707.94 | 6.31 | 750.89 | 5.96 |
| 708.54 | 6.29 | 751.49 | 5.96 |
| 709.14 | 6.29 | 752.08 | 5.95 |
| 709.74 | 6.27 | 752.68 | 5.94 |
| 710.33 | 6.25 | 753.27 | 5.95 |
| 710.93 | 6.24 | 753.87 | 5.94 |
| 711.53 | 6.23 | 754.46 | 5.94 |
| 712.13 | 6.23 | 755.06 | 5.93 |
| 712.73 | 6.22 | 755.65 | 5.93 |
| 713.32 | 6.22 | 756.25 | 5.92 |
| 713.92 | 6.22 | 756.84 | 5.92 |
| 714.52 | 6.22 | 757.43 | 5.91 |
| 715.12 | 6.21 | 758.03 | 5.91 |
| 715.71 | 6.20 | 758.62 | 5.90 |
| 716.31 | 6.21 | 759.22 | 5.91 |
| 716.91 | 6.20 | 759.81 | 5.90 |
| 717.51 | 6.20 | 760.41 | 5.89 |
| 718.10 | 6.19 | 761.00 | 5.89 |
| 718.70 | 6.18 | | |
| 719.30 | 6.17 | | |
| 719.90 | 6.15 | | |
| 720.49 | 6.15 | | |
| 721.09 | 6.13 | | |
| 721.69 | 6.12 | | |
| 722.28 | 6.12 | | |
| 722.88 | 6.12 | | |
| 723.48 | 6.11 | | |
| 724.08 | 6.11 | | |
| 724.67 | 6.11 | | |
| 725.27 | 6.10 | | |
| 725.87 | 6.10 | | |
| 726.46 | 6.09 | | |
| 727.06 | 6.09 | | |
| 727.66 | 6.10 | | |
| 728.25 | 6.08 | | |
| 728.85 | 6.07 | | |
| 729.45 | 6.07 | | |
| 730.04 | 6.06 | | |
| 730.64 | 6.06 | | |
| 731.23 | 6.06 | | |
| 731.83 | 6.06 | | |
| 732.43 | 6.06 | | |
| 733.02 | 6.06 | | |
| 733.62 | 6.05 | | |
| 734.22 | 6.05 | | |
| 734.81 | 6.03 | | |
| 735.41 | 6.04 | | |
| 736.00 | 6.02 | | |
| 736.60 | 6.01 | | |
| 737.20 | 6.01 | | |
| 737.79 | 6.02 | | |
| 738.39 | 6.01 | | |
| 738.98 | 6.02 | | |
| 739.58 | 6.01 | | |
| 740.18 | 6.00 | | |
| 740.77 | 6.00 | | |
| 741.37 | 6.01 | | |
| 741.96 | 6.00 | | |
| 742.56 | 6.00 | | |
| 743.15 | 6.00 | | |
| 743.75 | 5.99 | | |

XBT-06

Cruise: 92G02
Date: Tue Jan 28 1992, Julian day = 28
Time: 01:24:59
Lat: 25 15.451n
Lon: 90 45.433w
Stn: 6

20m/L
1.0m/L

| | | | | | | | |
|-----------------|------------------|-------|-------|--------|-------|--------|-------|
| 0.65 | 2.21 | 41.33 | 22.06 | 81.85 | 21.97 | 122.19 | 21.93 |
| 1.29 | 22.43 | 41.98 | 22.06 | 82.49 | 21.98 | 122.83 | 21.91 |
| 1.94 | 22.36 | 42.62 | 22.08 | 83.13 | 21.97 | 123.47 | 21.91 |
| 2.59 | 22.32 | 43.27 | 22.06 | 83.77 | 21.98 | 124.11 | 21.91 |
| 3.24 | 22.25 | 43.91 | 22.06 | 84.41 | 21.97 | 124.74 | 21.92 |
| 3.88 | 22.24 | 44.55 | 22.07 | 85.05 | 21.98 | 125.38 | 21.91 |
| 4.53 | 22.25 | 45.20 | 22.07 | 85.70 | 21.97 | 126.02 | 21.92 |
| 5.18 | 22.24 | 45.84 | 22.07 | 86.34 | 21.97 | 126.66 | 21.91 |
| 5.82 | 22.25 | 46.49 | 22.07 | 86.98 | 21.97 | 127.30 | 21.92 |
| 6.47 | 22.26 | 47.13 | 22.08 | 87.62 | 21.96 | 127.94 | 21.92 |
| 7.12 | 22.24 | 47.77 | 22.06 | 88.26 | 21.95 | 128.58 | 21.91 |
| 7.76 | 22.24 | 48.42 | 22.06 | 88.90 | 21.97 | 129.21 | 21.90 |
| 8.41 | 22.24 | 49.06 | 22.08 | 89.54 | 21.96 | 129.85 | 21.87 |
| 9.06 | 22.24 | 49.71 | 22.08 | 90.18 | 21.96 | 130.49 | 21.83 |
| 9.70 | 22.24 | 50.35 | 22.07 | 90.83 | 21.95 | 131.13 | 21.81 |
| 10.35 | 22.23 | 50.99 | 22.07 | 91.47 | 21.95 | 131.77 | 21.77 |
| 11.00 | 22.23 | 51.64 | 22.08 | 92.11 | 21.95 | 132.41 | 21.57 |
| 11.64 | 22.24 | 52.28 | 22.07 | 92.75 | 21.94 | 133.04 | 21.39 |
| 12.29 | 22.24 | 52.93 | 22.06 | 93.39 | 21.95 | 133.68 | 21.25 |
| 12.94 | 22.24 | 53.57 | 22.07 | 94.03 | 21.95 | 134.32 | 21.15 |
| 13.58 | 22.24 | 54.21 | 22.08 | 94.67 | 21.96 | 134.96 | 21.06 |
| 14.23 | 22.24 | 54.86 | 22.07 | 95.31 | 21.94 | 135.60 | 20.97 |
| 14.87 | 22.24 | 55.50 | 22.06 | 95.95 | 21.94 | 136.24 | 20.89 |
| 15.52 | 22.23 | 56.14 | 22.06 | 96.59 | 21.95 | 136.87 | 20.79 |
| 16.17 | 22.22 | 56.79 | 22.05 | 97.23 | 21.94 | 137.51 | 20.68 |
| 16.81 | 22.21 | 57.43 | 22.06 | 97.88 | 21.94 | 138.15 | 20.59 |
| 17.46 | 22.18 | 58.07 | 22.06 | 98.52 | 21.95 | 138.79 | 20.49 |
| 18.10 | 22.18 | 58.72 | 22.05 | 99.16 | 21.94 | 139.43 | 20.42 |
| 18.75 | 22.16 | 59.36 | 22.05 | 99.80 | 21.94 | 140.06 | 20.36 |
| 19.40 | 22.14 | 60.00 | 22.05 | 100.44 | 21.95 | 140.70 | 20.29 |
| 20.04 | 22.12 | 60.65 | 22.05 | 101.08 | 21.94 | 141.34 | 20.23 |
| 20.69 | 22.10 | 61.29 | 22.05 | 101.72 | 21.95 | 141.98 | 20.14 |
| 21.33 | 22.09 | 61.93 | 22.06 | 102.36 | 21.95 | 142.61 | 20.07 |
| 21.98 | 22.09 | 62.58 | 22.05 | 103.00 | 21.94 | 143.25 | 20.03 |
| 22.63 | 22.09 | 63.22 | 22.04 | 103.64 | 21.94 | 143.89 | 19.99 |
| 23.27 | 22.09 | 63.86 | 22.03 | 104.28 | 21.94 | 144.53 | 19.93 |
| 23.92 | 22.08 | 64.50 | 22.05 | 104.92 | 21.94 | 145.16 | 19.89 |
| 24.56 | 22.08 | 65.15 | 22.03 | 105.56 | 21.94 | 145.80 | 19.81 |
| 25.21 | 22.07 | 65.79 | 22.03 | 106.20 | 21.94 | 146.44 | 19.79 |
| 25.85 | 22.07 | 66.43 | 22.02 | 106.84 | 21.93 | 147.08 | 19.73 |
| 26.50 | 22.07 | 67.08 | 22.01 | 107.48 | 21.93 | 147.71 | 19.69 |
| 27.14 | 22.07 | 67.72 | 22.01 | 108.12 | 21.93 | 148.35 | 19.62 |
| 27.79 | 22.07 | 68.36 | 22.01 | 108.76 | 21.93 | 148.99 | 19.57 |
| 28.43 | 22.08 | 69.00 | 22.00 | 109.40 | 21.92 | 149.62 | 19.51 |
| 29.08 | 22.07 | 69.65 | 22.01 | 110.04 | 21.93 | 150.26 | 19.48 |
| 29.73 | 22.06 | 70.29 | 21.99 | 110.68 | 21.92 | 150.90 | 19.46 |
| 30.37 | 22.06 | 70.93 | 21.99 | 111.32 | 21.92 | 151.54 | 19.45 |
| 31.02 | 22.07 | 71.57 | 21.99 | 111.96 | 21.92 | 152.17 | 19.44 |
| 31.66 | 22.07 | 72.22 | 21.98 | 112.60 | 21.92 | 152.81 | 19.40 |
| 32.31 | 22.07 | 72.86 | 21.98 | 113.24 | 21.92 | 153.45 | 19.36 |
| 32.95 | 22.06 | 73.50 | 21.99 | 113.88 | 21.92 | 154.08 | 19.33 |
| 33.60 | 22.06 | 74.14 | 21.97 | 114.52 | 21.92 | 154.72 | 19.29 |
| 34.24 | 22.07 | 74.78 | 21.98 | 115.16 | 21.92 | 155.36 | 19.28 |
| 34.89 | 22.07 | 75.43 | 21.98 | 115.80 | 21.93 | 155.99 | 19.27 |
| 35.53 | 22.07 | 76.07 | 21.97 | 116.44 | 21.92 | 156.63 | 19.27 |
| 36.18 | 22.06 | 76.71 | 21.98 | 117.07 | 21.92 | 157.27 | 19.24 |
| 36.82 | 22.06 | 77.35 | 21.97 | 117.71 | 21.93 | 157.90 | 19.23 |
| 37.46 | 22.06 | 77.99 | 21.97 | 118.35 | 21.92 | 158.54 | 19.20 |
| 38.11 | 22.07 | 78.64 | 21.98 | 118.99 | 21.92 | 159.18 | 19.17 |
| 38.75 | 22.07 | 79.28 | 21.98 | 119.63 | 21.92 | 159.81 | 19.16 |
| 39.40 | 22.07 | 79.92 | 21.97 | 120.27 | 21.93 | 160.45 | 19.14 |
| 40.04 | 22.06 | 80.56 | 21.98 | 120.91 | 21.92 | 161.09 | 19.12 |
| 40.69 | 22.08 | 81.20 | 21.97 | 121.55 | 21.92 | 161.72 | 19.10 |

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 162.36 | 19.07 | 208.06 | 17.41 | 253.53 | 15.09 | 298.79 | 13.72 |
| 163.00 | 19.06 | 208.69 | 17.38 | 254.16 | 15.08 | 299.41 | 13.71 |
| 163.63 | 19.04 | 209.32 | 17.36 | 254.79 | 15.09 | 300.04 | 13.69 |
| 164.27 | 19.01 | 209.96 | 17.31 | 255.42 | 15.07 | 300.67 | 13.68 |
| 164.90 | 18.98 | 210.59 | 17.29 | 256.05 | 15.08 | 301.29 | 13.65 |
| 165.54 | 18.98 | 211.22 | 17.24 | 256.68 | 15.06 | 301.92 | 13.63 |
| 166.18 | 18.96 | 211.86 | 17.19 | 257.31 | 15.05 | 302.55 | 13.61 |
| 166.81 | 18.91 | 212.49 | 17.13 | 257.94 | 15.02 | 303.17 | 13.58 |
| 167.45 | 18.88 | 213.12 | 17.08 | 258.57 | 14.97 | 303.80 | 13.53 |
| 168.08 | 18.83 | 213.76 | 17.06 | 259.20 | 14.92 | 304.43 | 13.50 |
| 168.72 | 18.80 | 214.39 | 17.04 | 259.83 | 14.88 | 305.05 | 13.48 |
| 169.36 | 18.77 | 215.02 | 17.01 | 260.46 | 14.86 | 305.68 | 13.48 |
| 169.99 | 18.74 | 215.65 | 16.98 | 261.09 | 14.85 | 306.31 | 13.45 |
| 170.63 | 18.73 | 216.29 | 16.95 | 261.72 | 14.83 | 306.93 | 13.45 |
| 171.26 | 18.70 | 216.92 | 16.90 | 262.35 | 14.81 | 307.56 | 13.43 |
| 171.90 | 18.70 | 217.55 | 16.87 | 262.98 | 14.80 | 308.18 | 13.41 |
| 172.53 | 18.68 | 218.18 | 16.84 | 263.61 | 14.77 | 308.81 | 13.40 |
| 173.17 | 18.64 | 218.82 | 16.82 | 264.24 | 14.73 | 309.44 | 13.39 |
| 173.80 | 18.61 | 219.45 | 16.77 | 264.87 | 14.68 | 310.06 | 13.35 |
| 174.44 | 18.60 | 220.08 | 16.72 | 265.50 | 14.65 | 310.69 | 13.35 |
| 175.08 | 18.58 | 220.71 | 16.65 | 266.13 | 14.64 | 311.32 | 13.33 |
| 175.71 | 18.58 | 221.35 | 16.59 | 266.76 | 14.62 | 311.94 | 13.31 |
| 176.35 | 18.57 | 221.98 | 16.55 | 267.38 | 14.62 | 312.57 | 13.29 |
| 176.98 | 18.55 | 222.61 | 16.51 | 268.01 | 14.61 | 313.19 | 13.24 |
| 177.62 | 18.53 | 223.24 | 16.47 | 268.64 | 14.60 | 313.82 | 13.21 |
| 178.25 | 18.51 | 223.87 | 16.44 | 269.27 | 14.60 | 314.45 | 13.19 |
| 178.89 | 18.50 | 224.51 | 16.42 | 269.90 | 14.59 | 315.07 | 13.16 |
| 179.52 | 18.49 | 225.14 | 16.39 | 270.53 | 14.58 | 315.70 | 13.13 |
| 180.16 | 18.48 | 225.77 | 16.37 | 271.16 | 14.57 | 316.32 | 13.12 |
| 180.79 | 18.47 | 226.40 | 16.35 | 271.79 | 14.53 | 316.95 | 13.09 |
| 181.43 | 18.43 | 227.03 | 16.33 | 272.42 | 14.49 | 317.57 | 13.07 |
| 182.06 | 18.43 | 227.67 | 16.32 | 273.04 | 14.44 | 318.20 | 13.07 |
| 182.70 | 18.40 | 228.30 | 16.34 | 273.67 | 14.40 | 318.83 | 13.04 |
| 183.33 | 18.39 | 228.93 | 16.33 | 274.30 | 14.38 | 319.45 | 13.03 |
| 183.97 | 18.37 | 229.56 | 16.33 | 274.93 | 14.35 | 320.08 | 13.02 |
| 184.60 | 18.34 | 230.19 | 16.32 | 275.56 | 14.35 | 320.70 | 13.01 |
| 185.24 | 18.31 | 230.82 | 16.28 | 276.19 | 14.33 | 321.33 | 12.98 |
| 185.87 | 18.31 | 231.46 | 16.22 | 276.82 | 14.32 | 321.95 | 12.96 |
| 186.51 | 18.28 | 232.09 | 16.16 | 277.44 | 14.28 | 322.58 | 12.94 |
| 187.14 | 18.26 | 232.72 | 16.14 | 278.07 | 14.24 | 323.20 | 12.89 |
| 187.78 | 18.20 | 233.35 | 16.12 | 278.70 | 14.21 | 323.83 | 12.88 |
| 188.41 | 18.17 | 233.98 | 16.08 | 279.33 | 14.18 | 324.45 | 12.87 |
| 189.04 | 18.13 | 234.61 | 16.04 | 279.96 | 14.15 | 325.08 | 12.85 |
| 189.68 | 18.09 | 235.24 | 15.99 | 280.59 | 14.14 | 325.70 | 12.83 |
| 190.31 | 18.07 | 235.88 | 15.97 | 281.21 | 14.12 | 326.33 | 12.80 |
| 190.95 | 18.05 | 236.51 | 15.94 | 281.84 | 14.11 | 326.95 | 12.78 |
| 191.58 | 18.04 | 237.14 | 15.93 | 282.47 | 14.11 | 327.58 | 12.78 |
| 192.22 | 18.00 | 237.77 | 15.90 | 283.10 | 14.09 | 328.20 | 12.77 |
| 192.85 | 18.00 | 238.40 | 15.88 | 283.73 | 14.10 | 328.83 | 12.73 |
| 193.48 | 17.97 | 239.03 | 15.84 | 284.35 | 14.09 | 329.45 | 12.70 |
| 194.12 | 17.92 | 239.66 | 15.82 | 284.98 | 14.08 | 330.08 | 12.67 |
| 194.75 | 17.90 | 240.29 | 15.77 | 285.61 | 14.08 | 330.70 | 12.67 |
| 195.39 | 17.89 | 240.92 | 15.73 | 286.24 | 14.06 | 331.33 | 12.66 |
| 196.02 | 17.89 | 241.56 | 15.71 | 286.87 | 14.03 | 331.95 | 12.67 |
| 196.65 | 17.88 | 242.19 | 15.68 | 287.49 | 14.02 | 332.58 | 12.66 |
| 197.29 | 17.86 | 242.82 | 15.66 | 288.12 | 14.03 | 333.20 | 12.65 |
| 197.92 | 17.85 | 243.45 | 15.61 | 288.75 | 14.02 | 333.83 | 12.65 |
| 198.56 | 17.82 | 244.08 | 15.59 | 289.38 | 14.01 | 334.45 | 12.60 |
| 199.19 | 17.78 | 244.71 | 15.57 | 290.00 | 14.00 | 335.08 | 12.58 |
| 199.82 | 17.74 | 245.34 | 15.53 | 290.63 | 14.01 | 335.70 | 12.57 |
| 200.46 | 17.72 | 245.97 | 15.47 | 291.26 | 14.00 | 336.32 | 12.57 |
| 201.09 | 17.71 | 246.60 | 15.42 | 291.89 | 13.99 | 336.95 | 12.56 |
| 201.72 | 17.69 | 247.23 | 15.36 | 292.51 | 13.96 | 337.57 | 12.56 |
| 202.36 | 17.67 | 247.86 | 15.33 | 293.14 | 13.94 | 338.20 | 12.54 |
| 202.99 | 17.64 | 248.49 | 15.32 | 293.77 | 13.91 | 338.82 | 12.52 |
| 203.63 | 17.60 | 249.12 | 15.28 | 294.40 | 13.86 | 339.45 | 12.52 |
| 204.26 | 17.57 | 249.75 | 15.25 | 295.02 | 13.83 | 340.07 | 12.50 |
| 204.89 | 17.54 | 250.38 | 15.19 | 295.65 | 13.80 | 340.69 | 12.48 |
| 205.53 | 17.51 | 251.01 | 15.17 | 296.28 | 13.79 | 341.32 | 12.48 |
| 206.16 | 17.49 | 251.64 | 15.12 | 296.90 | 13.76 | 341.94 | 12.46 |
| 206.79 | 17.47 | 252.27 | 15.10 | 297.53 | 13.74 | 342.57 | 12.45 |
| 207.43 | 17.45 | 252.90 | 15.09 | 298.16 | 13.73 | 343.19 | 12.44 |

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|--------|-------|--------|-------|--------|-------|--------|------|
| 343.81 | 12.41 | 388.62 | 11.14 | 433.20 | 10.20 | 477.55 | 9.37 |
| 344.44 | 12.39 | 389.24 | 11.15 | 433.81 | 10.19 | 478.17 | 9.37 |
| 345.06 | 12.38 | 389.86 | 11.14 | 434.43 | 10.17 | 478.78 | 9.38 |
| 345.68 | 12.36 | 390.48 | 11.14 | 435.05 | 10.16 | 479.40 | 9.37 |
| 346.31 | 12.33 | 391.10 | 11.13 | 435.67 | 10.15 | 480.01 | 9.36 |
| 346.93 | 12.33 | 391.72 | 11.11 | 436.28 | 10.14 | 480.62 | 9.37 |
| 347.56 | 12.30 | 392.34 | 11.11 | 436.90 | 10.13 | 481.24 | 9.37 |
| 348.18 | 12.30 | 392.96 | 11.10 | 437.52 | 10.11 | 481.85 | 9.36 |
| 348.80 | 12.27 | 393.58 | 11.09 | 438.14 | 10.08 | 482.47 | 9.33 |
| 349.43 | 12.26 | 394.20 | 11.09 | 438.75 | 10.06 | 483.08 | 9.32 |
| 350.05 | 12.26 | 394.82 | 11.09 | 439.37 | 10.04 | 483.70 | 9.32 |
| 350.67 | 12.24 | 395.44 | 11.08 | 439.99 | 10.04 | 484.31 | 9.31 |
| 351.30 | 12.21 | 396.06 | 11.07 | 440.60 | 10.02 | 484.92 | 9.31 |
| 351.92 | 12.22 | 396.68 | 11.07 | 441.22 | 10.02 | 485.54 | 9.31 |
| 352.54 | 12.19 | 397.30 | 11.06 | 441.84 | 10.01 | 486.15 | 9.29 |
| 353.17 | 12.17 | 397.92 | 11.03 | 442.46 | 10.00 | 486.77 | 9.28 |
| 353.79 | 12.17 | 398.54 | 11.01 | 443.07 | 9.99 | 487.38 | 9.26 |
| 354.41 | 12.17 | 399.16 | 10.99 | 443.69 | 9.98 | 487.99 | 9.23 |
| 355.04 | 12.19 | 399.78 | 10.98 | 444.31 | 9.94 | 488.61 | 9.23 |
| 355.66 | 12.17 | 400.40 | 10.93 | 444.92 | 9.92 | 489.22 | 9.22 |
| 356.28 | 12.18 | 401.02 | 10.90 | 445.54 | 9.89 | 489.83 | 9.20 |
| 356.90 | 12.17 | 401.64 | 10.85 | 446.16 | 9.86 | 490.45 | 9.18 |
| 357.53 | 12.17 | 402.26 | 10.85 | 446.77 | 9.87 | 491.06 | 9.16 |
| 358.15 | 12.15 | 402.88 | 10.84 | 447.39 | 9.86 | 491.67 | 9.15 |
| 358.77 | 12.13 | 403.50 | 10.84 | 448.01 | 9.86 | 492.29 | 9.15 |
| 359.40 | 12.06 | 404.12 | 10.87 | 448.62 | 9.87 | 492.90 | 9.13 |
| 360.02 | 12.01 | 404.74 | 10.86 | 449.24 | 9.85 | 493.51 | 9.12 |
| 360.64 | 11.96 | 405.36 | 10.85 | 449.86 | 9.84 | 494.13 | 9.11 |
| 361.26 | 11.92 | 405.98 | 10.90 | 450.47 | 9.83 | 494.74 | 9.11 |
| 361.89 | 11.89 | 406.60 | 10.86 | 451.09 | 9.84 | 495.35 | 9.10 |
| 362.51 | 11.89 | 407.22 | 10.86 | 451.71 | 9.83 | 495.97 | 9.08 |
| 363.13 | 11.86 | 407.84 | 10.86 | 452.32 | 9.82 | 496.58 | 9.07 |
| 363.75 | 11.85 | 408.46 | 10.85 | 452.94 | 9.82 | 497.19 | 9.05 |
| 364.38 | 11.80 | 409.08 | 10.84 | 453.55 | 9.81 | 497.81 | 9.04 |
| 365.00 | 11.80 | 409.70 | 10.82 | 454.17 | 9.80 | 498.42 | 9.03 |
| 365.62 | 11.77 | 410.32 | 10.83 | 454.79 | 9.80 | 499.03 | 9.02 |
| 366.24 | 11.76 | 410.93 | 10.81 | 455.40 | 9.80 | 499.65 | 9.01 |
| 366.87 | 11.74 | 411.55 | 10.81 | 456.02 | 9.80 | 500.26 | 9.00 |
| 367.49 | 11.73 | 412.17 | 10.79 | 456.63 | 9.78 | 500.87 | 9.00 |
| 368.11 | 11.70 | 412.79 | 10.77 | 457.25 | 9.77 | 501.49 | 8.99 |
| 368.73 | 11.68 | 413.41 | 10.75 | 457.87 | 9.76 | 502.10 | 8.98 |
| 369.35 | 11.66 | 414.03 | 10.75 | 458.48 | 9.75 | 502.71 | 8.95 |
| 369.98 | 11.63 | 414.65 | 10.73 | 459.10 | 9.71 | 503.32 | 8.94 |
| 370.60 | 11.62 | 415.27 | 10.72 | 459.71 | 9.69 | 503.94 | 8.92 |
| 371.22 | 11.61 | 415.89 | 10.69 | 460.33 | 9.68 | 504.55 | 8.91 |
| 371.84 | 11.59 | 416.51 | 10.69 | 460.95 | 9.67 | 505.16 | 8.90 |
| 372.46 | 11.56 | 417.12 | 10.67 | 461.56 | 9.66 | 505.77 | 8.90 |
| 373.09 | 11.56 | 417.74 | 10.67 | 462.18 | 9.65 | 506.39 | 8.88 |
| 373.71 | 11.54 | 418.36 | 10.66 | 462.79 | 9.64 | 507.00 | 8.88 |
| 374.33 | 11.53 | 418.98 | 10.65 | 463.41 | 9.63 | 507.61 | 8.87 |
| 374.95 | 11.50 | 419.60 | 10.64 | 464.02 | 9.61 | 508.22 | 8.85 |
| 375.57 | 11.48 | 420.22 | 10.63 | 464.64 | 9.60 | 508.84 | 8.85 |
| 376.19 | 11.47 | 420.84 | 10.61 | 465.25 | 9.58 | 509.45 | 8.83 |
| 376.82 | 11.46 | 421.45 | 10.61 | 465.87 | 9.58 | 510.06 | 8.82 |
| 377.44 | 11.46 | 422.07 | 10.59 | 466.48 | 9.56 | 510.67 | 8.82 |
| 378.06 | 11.44 | 422.69 | 10.57 | 467.10 | 9.57 | 511.28 | 8.80 |
| 378.68 | 11.41 | 423.31 | 10.56 | 467.72 | 9.55 | 511.90 | 8.80 |
| 379.30 | 11.40 | 423.93 | 10.54 | 468.33 | 9.53 | 512.51 | 8.80 |
| 379.92 | 11.39 | 424.55 | 10.53 | 468.95 | 9.52 | 513.12 | 8.80 |
| 380.54 | 11.39 | 425.16 | 10.50 | 469.56 | 9.51 | 513.73 | 8.79 |
| 381.17 | 11.38 | 425.78 | 10.49 | 470.18 | 9.48 | 514.34 | 8.80 |
| 381.79 | 11.36 | 426.40 | 10.45 | 470.79 | 9.47 | 514.96 | 8.79 |
| 382.41 | 11.33 | 427.02 | 10.44 | 471.41 | 9.46 | 515.57 | 8.78 |
| 383.03 | 11.31 | 427.64 | 10.38 | 472.02 | 9.45 | 516.18 | 8.78 |
| 383.65 | 11.28 | 428.25 | 10.36 | 472.64 | 9.45 | 516.79 | 8.77 |
| 384.27 | 11.26 | 428.87 | 10.34 | 473.25 | 9.45 | 517.40 | 8.77 |
| 384.89 | 11.23 | 429.49 | 10.32 | 473.86 | 9.44 | 518.02 | 8.75 |
| 385.51 | 11.19 | 430.11 | 10.30 | 474.48 | 9.43 | 518.63 | 8.72 |
| 386.13 | 11.17 | 430.73 | 10.28 | 475.09 | 9.42 | 519.24 | 8.73 |
| 386.75 | 11.15 | 431.34 | 10.26 | 475.71 | 9.41 | 519.85 | 8.72 |
| 387.38 | 11.15 | 431.96 | 10.24 | 476.32 | 9.41 | 520.46 | 8.71 |
| 388.00 | 11.14 | 432.58 | 10.21 | 476.94 | 9.38 | 521.07 | 8.70 |

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|--------|------|--------|------|--------|------|--------|------|
| 521.68 | 8.70 | 565.59 | 8.12 | 609.28 | 7.67 | 652.74 | 7.14 |
| 522.30 | 8.70 | 566.20 | 8.11 | 609.88 | 7.69 | 653.34 | 7.12 |
| 522.91 | 8.68 | 566.81 | 8.09 | 610.49 | 7.67 | 653.94 | 7.14 |
| 523.52 | 8.68 | 567.42 | 8.08 | 611.09 | 7.64 | 654.54 | 7.12 |
| 524.13 | 8.68 | 568.03 | 8.08 | 611.70 | 7.64 | 655.14 | 7.12 |
| 524.74 | 8.68 | 568.63 | 8.07 | 612.30 | 7.63 | 655.75 | 7.10 |
| 525.35 | 8.68 | 569.24 | 8.07 | 612.91 | 7.62 | 656.35 | 7.10 |
| 525.96 | 8.69 | 569.85 | 8.07 | 613.51 | 7.62 | 656.95 | 7.10 |
| 526.57 | 8.67 | 570.46 | 8.07 | 614.12 | 7.61 | 657.55 | 7.08 |
| 527.19 | 8.66 | 571.07 | 8.06 | 614.72 | 7.62 | 658.15 | 7.07 |
| 527.80 | 8.65 | 571.67 | 8.06 | 615.33 | 7.60 | 658.75 | 7.07 |
| 528.41 | 8.65 | 572.28 | 8.04 | 615.93 | 7.59 | 659.36 | 7.06 |
| 529.02 | 8.65 | 572.89 | 8.03 | 616.54 | 7.58 | 659.96 | 7.06 |
| 529.63 | 8.64 | 573.50 | 8.02 | 617.14 | 7.58 | 660.56 | 7.07 |
| 530.24 | 8.62 | 574.10 | 8.01 | 617.74 | 7.57 | 661.16 | 7.06 |
| 530.85 | 8.61 | 574.71 | 7.99 | 618.35 | 7.55 | 661.76 | 7.05 |
| 531.46 | 8.60 | 575.32 | 8.01 | 618.95 | 7.54 | 662.36 | 7.05 |
| 532.07 | 8.61 | 575.93 | 7.97 | 619.56 | 7.52 | 662.96 | 7.05 |
| 532.68 | 8.59 | 576.53 | 7.97 | 620.16 | 7.50 | 663.57 | 7.03 |
| 533.29 | 8.58 | 577.14 | 7.96 | 620.77 | 7.49 | 664.17 | 7.04 |
| 533.90 | 8.58 | 577.75 | 7.94 | 621.37 | 7.48 | 664.77 | 7.02 |
| 534.51 | 8.57 | 578.36 | 7.94 | 621.98 | 7.47 | 665.37 | 7.02 |
| 535.12 | 8.57 | 578.96 | 7.93 | 622.58 | 7.48 | 665.97 | 7.02 |
| 535.73 | 8.55 | 579.57 | 7.92 | 623.18 | 7.45 | 666.57 | 7.01 |
| 536.35 | 8.54 | 580.18 | 7.93 | 623.79 | 7.45 | 667.17 | 7.02 |
| 536.96 | 8.53 | 580.79 | 7.93 | 624.39 | 7.44 | 667.77 | 7.01 |
| 537.57 | 8.52 | 581.39 | 7.94 | 625.00 | 7.43 | 668.38 | 7.00 |
| 538.18 | 8.52 | 582.00 | 7.92 | 625.60 | 7.42 | 668.98 | 7.01 |
| 538.79 | 8.49 | 582.61 | 7.92 | 626.20 | 7.42 | 669.58 | 7.01 |
| 539.40 | 8.47 | 583.21 | 7.91 | 626.81 | 7.41 | 670.18 | 7.01 |
| 540.01 | 8.46 | 583.82 | 7.90 | 627.41 | 7.39 | 670.78 | 7.00 |
| 540.62 | 8.46 | 584.43 | 7.90 | 628.02 | 7.37 | 671.38 | 6.99 |
| 541.23 | 8.45 | 585.04 | 7.89 | 628.62 | 7.37 | 671.98 | 6.99 |
| 541.84 | 8.45 | 585.64 | 7.88 | 629.22 | 7.35 | 672.58 | 6.99 |
| 542.45 | 8.44 | 586.25 | 7.89 | 629.83 | 7.34 | 673.18 | 6.98 |
| 543.06 | 8.41 | 586.86 | 7.88 | 630.43 | 7.35 | 673.78 | 6.97 |
| 543.67 | 8.39 | 587.46 | 7.88 | 631.03 | 7.33 | 674.38 | 6.97 |
| 544.28 | 8.39 | 588.07 | 7.86 | 631.64 | 7.32 | 674.98 | 6.94 |
| 544.89 | 8.38 | 588.68 | 7.86 | 632.24 | 7.33 | 675.58 | 6.94 |
| 545.50 | 8.38 | 589.28 | 7.86 | 632.84 | 7.32 | 676.18 | 6.93 |
| 546.11 | 8.36 | 589.89 | 7.84 | 633.45 | 7.30 | 676.78 | 6.94 |
| 546.71 | 8.36 | 590.50 | 7.83 | 634.05 | 7.30 | 677.38 | 6.93 |
| 547.32 | 8.37 | 591.10 | 7.83 | 634.66 | 7.29 | 677.98 | 6.91 |
| 547.93 | 8.35 | 591.71 | 7.82 | 635.26 | 7.29 | 678.58 | 6.89 |
| 548.54 | 8.35 | 592.31 | 7.80 | 635.86 | 7.28 | 679.18 | 6.89 |
| 549.15 | 8.33 | 592.92 | 7.80 | 636.47 | 7.29 | 679.79 | 6.88 |
| 549.76 | 8.32 | 593.53 | 7.77 | 637.07 | 7.28 | 680.39 | 6.88 |
| 550.37 | 8.32 | 594.13 | 7.76 | 637.67 | 7.28 | 680.99 | 6.86 |
| 550.98 | 8.31 | 594.74 | 7.76 | 638.27 | 7.27 | 681.59 | 6.85 |
| 551.59 | 8.30 | 595.35 | 7.75 | 638.88 | 7.26 | 682.19 | 6.86 |
| 552.20 | 8.30 | 595.95 | 7.76 | 639.48 | 7.26 | 682.79 | 6.85 |
| 552.81 | 8.31 | 596.56 | 7.74 | 640.08 | 7.25 | 683.38 | 6.85 |
| 553.42 | 8.30 | 597.16 | 7.73 | 640.69 | 7.23 | 683.98 | 6.85 |
| 554.03 | 8.30 | 597.77 | 7.75 | 641.29 | 7.23 | 684.58 | 6.83 |
| 554.64 | 8.28 | 598.38 | 7.73 | 641.89 | 7.22 | 685.18 | 6.83 |
| 555.25 | 8.30 | 598.98 | 7.71 | 642.50 | 7.22 | 685.78 | 6.83 |
| 555.85 | 8.30 | 599.59 | 7.71 | 643.10 | 7.20 | 686.38 | 6.81 |
| 556.46 | 8.28 | 600.19 | 7.71 | 643.70 | 7.22 | 686.98 | 6.81 |
| 557.07 | 8.27 | 600.80 | 7.70 | 644.30 | 7.21 | 687.58 | 6.81 |
| 557.68 | 8.26 | 601.41 | 7.71 | 644.91 | 7.21 | 688.18 | 6.80 |
| 558.29 | 8.25 | 602.01 | 7.69 | 645.51 | 7.20 | 688.78 | 6.79 |
| 558.90 | 8.23 | 602.62 | 7.73 | 646.11 | 7.19 | 689.38 | 6.79 |
| 559.51 | 8.22 | 603.22 | 7.71 | 646.71 | 7.20 | 689.98 | 6.78 |
| 560.12 | 8.20 | 603.83 | 7.72 | 647.32 | 7.19 | 690.58 | 6.78 |
| 560.72 | 8.19 | 604.43 | 7.71 | 647.92 | 7.20 | 691.18 | 6.76 |
| 561.33 | 8.17 | 605.04 | 7.73 | 648.52 | 7.17 | 691.78 | 6.75 |
| 561.94 | 8.18 | 605.64 | 7.71 | 649.12 | 7.18 | 692.38 | 6.77 |
| 562.55 | 8.15 | 606.25 | 7.70 | 649.73 | 7.16 | 692.98 | 6.75 |
| 563.16 | 8.14 | 606.86 | 7.69 | 650.33 | 7.15 | 693.58 | 6.75 |
| 563.77 | 8.13 | 607.46 | 7.69 | 650.93 | 7.15 | 694.18 | 6.73 |
| 564.38 | 8.11 | 608.07 | 7.68 | 651.53 | 7.14 | 694.77 | 6.72 |
| 564.98 | 8.12 | 608.67 | 7.68 | 652.13 | 7.13 | 695.37 | 6.72 |

| | | | |
|--------|------|-------------------|-----------------|
| 695.97 | 6.73 | 738.98 | 6.38 |
| 696.57 | 6.74 | 739.58 | 6.41 |
| 697.17 | 6.72 | 740.18 | 6.38 |
| 697.77 | 6.73 | 740.77 | 6.38 |
| 698.37 | 6.71 | 741.37 | 6.37 |
| 698.97 | 6.72 | 741.96 | 6.36 |
| 699.57 | 6.70 | 742.56 | 6.36 |
| 700.16 | 6.71 | 743.15 | 6.36 |
| 700.76 | 6.70 | 743.75 | 6.36 |
| 701.36 | 6.70 | 744.35 | 6.35 |
| 701.96 | 6.70 | 744.94 | 6.35 |
| 702.56 | 6.70 | 745.54 | 6.35 |
| 703.16 | 6.68 | 746.13 | 6.35 |
| 703.76 | 6.68 | 746.73 | 6.34 |
| 704.35 | 6.68 | 747.32 | 6.35 |
| 704.95 | 6.67 | 747.92 | 6.33 |
| 705.55 | 6.66 | 748.51 | 6.32 |
| 706.15 | 6.67 | 749.11 | 6.32 |
| 706.75 | 6.66 | 749.70 | 6.32 |
| 707.34 | 6.65 | 750.30 | 6.30 |
| 707.94 | 6.64 | 750.89 | 6.30 |
| 708.54 | 6.63 | 751.49 | 6.30 |
| 709.14 | 6.64 | 752.08 | 6.29 |
| 709.74 | 6.62 | 752.68 | 6.28 |
| 710.33 | 6.62 | 753.27 | 6.28 |
| 710.93 | 6.62 | 753.87 | 6.27 |
| 711.53 | 6.63 | 754.46 | 6.27 |
| 712.13 | 6.62 | 755.06 | 6.25 |
| 712.73 | 6.60 | 755.65 | 6.24 |
| 713.32 | 6.59 | 756.25 | 6.24 |
| 713.92 | 6.60 | 756.84 | 6.23 |
| 714.52 | 6.57 | 757.43 | 6.24 |
| 715.12 | 6.57 | 758.03 | 6.20 |
| 715.71 | 6.57 | 758.62 | 6.21 |
| 716.31 | 6.56 | 759.22 | 6.21 |
| 716.91 | 6.58 | 759.81 | 6.19 |
| 717.51 | 6.56 | 760.41 | 6.20 |
| 718.10 | 6.56 | 761.00 | 2.21 |
| 718.70 | 6.55 | | |
| 719.30 | 6.55 | | |
| 719.90 | 6.54 | | |
| 720.49 | 6.52 | | |
| 721.09 | 6.52 | | |
| 721.69 | 6.50 | | |
| 722.28 | 6.50 | | |
| 722.88 | 6.50 | | |
| 723.48 | 6.50 | | |
| 724.08 | 6.50 | | |
| 724.67 | 6.50 | | |
| 725.27 | 6.51 | | |
| 725.87 | 6.49 | | |
| 726.46 | 6.49 | | |
| 727.06 | 6.48 | | |
| 727.66 | 6.48 | | |
| 728.25 | 6.47 | | |
| 728.85 | 6.46 | | |
| 729.45 | 6.47 | | |
| 730.04 | 6.47 | | |
| 730.64 | 6.46 | | |
| 731.23 | 6.46 | | |
| 731.83 | 6.46 | | |
| 732.43 | 6.46 | | |
| 733.02 | 6.45 | | |
| 733.62 | 6.45 | | |
| 734.22 | 6.44 | | |
| 734.81 | 6.44 | | |
| 735.41 | 6.43 | | |
| 736.00 | 6.43 | | |
| 736.60 | 6.42 | | |
| 737.20 | 6.43 | | |
| 737.79 | 6.41 | | |
| 738.39 | 6.41 | | |

XBT-07

Cruise: 92G02
Date: Tue Jan 28 1992, Julian day 28
Time: 08:08:49
Lat: 25 30 N
Lon: 91 10 W
Stn 07

*Don't
report*

~~0.05 2.20~~
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|-------|-------|-------|-------|--------|-------|--------|-------|
| 3.24 | 23.00 | 40.69 | 23.12 | 80.56 | 23.12 | 120.27 | 23.08 |
| 3.88 | 23.01 | 41.33 | 23.12 | 81.20 | 23.11 | 120.91 | 23.06 |
| 4.53 | 23.02 | 41.98 | 23.12 | 81.85 | 23.11 | 121.55 | 23.04 |
| 5.18 | 23.03 | 42.62 | 23.11 | 82.49 | 23.10 | 122.19 | 22.95 |
| 5.82 | 23.05 | 43.27 | 23.12 | 83.13 | 23.11 | 122.83 | 22.84 |
| 6.47 | 23.07 | 43.91 | 23.11 | 83.77 | 23.11 | 123.47 | 22.76 |
| 7.12 | 23.08 | 44.55 | 23.11 | 84.41 | 23.11 | 124.11 | 22.67 |
| 7.76 | 23.08 | 45.20 | 23.11 | 85.05 | 23.11 | 124.74 | 22.57 |
| 8.41 | 23.09 | 45.84 | 23.12 | 85.70 | 23.11 | 125.38 | 22.50 |
| 9.06 | 23.09 | 46.49 | 23.11 | 86.34 | 23.11 | 126.02 | 22.46 |
| 9.70 | 23.09 | 47.13 | 23.11 | 86.98 | 23.11 | 126.66 | 22.44 |
| 10.35 | 23.09 | 47.77 | 23.12 | 87.62 | 23.11 | 127.30 | 22.42 |
| 11.00 | 23.09 | 48.42 | 23.11 | 88.26 | 23.11 | 127.94 | 22.39 |
| 11.64 | 23.10 | 49.06 | 23.12 | 88.90 | 23.12 | 128.58 | 22.36 |
| 12.29 | 23.10 | 49.71 | 23.11 | 89.54 | 23.12 | 129.21 | 22.29 |
| 12.94 | 23.10 | 50.35 | 23.11 | 90.18 | 23.11 | 129.85 | 22.22 |
| 13.58 | 23.09 | 50.99 | 23.12 | 90.83 | 23.11 | 130.49 | 22.14 |
| 14.23 | 23.09 | 51.64 | 23.12 | 91.47 | 23.12 | 131.13 | 22.01 |
| 14.87 | 23.09 | 52.28 | 23.11 | 92.11 | 23.13 | 131.77 | 21.85 |
| 15.52 | 23.09 | 52.93 | 23.11 | 92.75 | 23.11 | 132.41 | 21.70 |
| 16.17 | 23.10 | 53.57 | 23.12 | 93.39 | 23.11 | 133.04 | 21.60 |
| 16.81 | 23.10 | 54.21 | 23.11 | 94.03 | 23.11 | 133.68 | 21.57 |
| 17.46 | 23.10 | 54.86 | 23.12 | 94.67 | 23.11 | 134.32 | 21.56 |
| 18.10 | 23.11 | 55.50 | 23.12 | 95.31 | 23.12 | 134.96 | 21.53 |
| 18.75 | 23.10 | 56.14 | 23.11 | 95.95 | 23.11 | 135.60 | 21.53 |
| 19.40 | 23.11 | 56.79 | 23.12 | 96.59 | 23.12 | 136.24 | 21.52 |
| 20.04 | 23.10 | 57.43 | 23.12 | 97.23 | 23.12 | 136.87 | 21.52 |
| 20.69 | 23.12 | 58.07 | 23.11 | 97.88 | 23.12 | 137.51 | 21.52 |
| 21.33 | 23.12 | 58.72 | 23.12 | 98.52 | 23.11 | 138.15 | 21.53 |
| 21.98 | 23.11 | 59.36 | 23.12 | 99.16 | 23.11 | 138.79 | 21.54 |
| 22.63 | 23.11 | 60.00 | 23.12 | 99.80 | 23.12 | 139.43 | 21.53 |
| 23.27 | 23.11 | 60.65 | 23.12 | 100.44 | 23.12 | 140.06 | 21.51 |
| 23.92 | 23.11 | 61.29 | 23.12 | 101.08 | 23.12 | 140.70 | 21.49 |
| 24.56 | 23.11 | 61.93 | 23.11 | 101.72 | 23.12 | 141.34 | 21.45 |
| 25.21 | 23.12 | 62.58 | 23.12 | 102.36 | 23.13 | 141.98 | 21.37 |
| 25.85 | 23.11 | 63.22 | 23.11 | 103.00 | 23.12 | 142.61 | 21.26 |
| 26.50 | 23.12 | 63.86 | 23.11 | 103.64 | 23.12 | 143.25 | 21.18 |
| 27.14 | 23.11 | 64.50 | 23.11 | 104.28 | 23.11 | 143.89 | 21.10 |
| 27.79 | 23.11 | 65.15 | 23.12 | 104.92 | 23.12 | 144.53 | 21.03 |
| 28.43 | 23.11 | 65.79 | 23.11 | 105.56 | 23.13 | 145.16 | 20.93 |
| 29.08 | 23.11 | 66.43 | 23.12 | 106.20 | 23.12 | 145.80 | 20.84 |
| 29.73 | 23.12 | 67.08 | 23.12 | 106.84 | 23.12 | 146.44 | 20.80 |
| 30.37 | 23.11 | 67.72 | 23.12 | 107.48 | 23.11 | 147.08 | 20.75 |
| 31.02 | 23.12 | 68.36 | 23.12 | 108.12 | 23.11 | 147.71 | 20.67 |
| 31.66 | 23.11 | 69.00 | 23.12 | 108.76 | 23.11 | 148.35 | 20.59 |
| 32.31 | 23.13 | 69.65 | 23.11 | 109.40 | 23.11 | 148.99 | 20.49 |
| 32.95 | 23.13 | 70.29 | 23.12 | 110.04 | 23.11 | 149.62 | 20.39 |
| 33.60 | 23.12 | 70.93 | 23.11 | 110.68 | 23.12 | 150.26 | 20.31 |
| 34.24 | 23.11 | 71.57 | 23.11 | 111.32 | 23.11 | 150.90 | 20.27 |
| 34.89 | 23.11 | 72.22 | 23.11 | 111.96 | 23.11 | 151.54 | 20.24 |
| 35.53 | 23.12 | 72.86 | 23.10 | 112.60 | 23.11 | 152.17 | 20.19 |
| 36.18 | 23.11 | 73.50 | 23.12 | 113.24 | 23.11 | 152.81 | 20.15 |
| 36.82 | 23.11 | 74.14 | 23.12 | 113.88 | 23.11 | 153.45 | 20.13 |
| 37.46 | 23.11 | 74.78 | 23.11 | 114.52 | 23.11 | 154.08 | 20.10 |
| 38.11 | 23.11 | 75.43 | 23.12 | 115.16 | 23.11 | 154.72 | 20.07 |
| 38.75 | 23.11 | 76.07 | 23.11 | 115.80 | 23.11 | 155.36 | 20.04 |
| 39.40 | 23.12 | 76.71 | 23.11 | 116.44 | 23.11 | 155.99 | 20.00 |
| 40.04 | 23.11 | 77.35 | 23.11 | 117.07 | 23.10 | 156.63 | 19.96 |
| | | 77.99 | 23.13 | 117.71 | 23.11 | 157.27 | 19.92 |
| | | 78.64 | 23.11 | 118.35 | 23.10 | 157.90 | 19.87 |
| | | 79.28 | 23.12 | 118.99 | 23.09 | 158.54 | 19.81 |
| | | 79.92 | 23.12 | 119.63 | 23.09 | 159.18 | 19.77 |

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|--------|-------|--------|-------|--------|-------|--------|-------|
| 159.81 | 19.72 | 205.53 | 17.66 | 251.01 | 15.43 | 296.28 | 14.09 |
| 160.45 | 19.70 | 206.16 | 17.62 | 251.64 | 15.41 | 296.90 | 14.07 |
| 161.09 | 19.67 | 206.79 | 17.58 | 252.27 | 15.39 | 297.53 | 14.04 |
| 161.72 | 19.66 | 207.43 | 17.54 | 252.90 | 15.37 | 298.16 | 14.03 |
| 162.36 | 19.65 | 208.06 | 17.51 | 253.53 | 15.35 | 298.79 | 14.01 |
| 163.00 | 19.63 | 208.69 | 17.47 | 254.16 | 15.33 | 299.41 | 14.01 |
| 163.63 | 19.62 | 209.32 | 17.40 | 254.79 | 15.33 | 300.04 | 14.00 |
| 164.27 | 19.58 | 209.96 | 17.38 | 255.42 | 15.30 | 300.67 | 13.98 |
| 164.90 | 19.53 | 210.59 | 17.35 | 256.05 | 15.29 | 301.29 | 13.97 |
| 165.54 | 19.50 | 211.22 | 17.32 | 256.68 | 15.28 | 301.92 | 13.96 |
| 166.18 | 19.48 | 211.86 | 17.33 | 257.31 | 15.26 | 302.55 | 13.95 |
| 166.81 | 19.46 | 212.49 | 17.31 | 257.94 | 15.24 | 303.17 | 13.94 |
| 167.45 | 19.45 | 213.12 | 17.31 | 258.57 | 15.22 | 303.80 | 13.92 |
| 168.08 | 19.43 | 213.76 | 17.26 | 259.20 | 15.20 | 304.43 | 13.92 |
| 168.72 | 19.42 | 214.39 | 17.22 | 259.83 | 15.18 | 305.05 | 13.90 |
| 169.36 | 19.41 | 215.02 | 17.17 | 260.46 | 15.17 | 305.68 | 13.88 |
| 169.99 | 19.41 | 215.65 | 17.09 | 261.09 | 15.16 | 306.31 | 13.86 |
| 170.63 | 19.39 | 216.29 | 17.04 | 261.72 | 15.16 | 306.93 | 13.82 |
| 171.26 | 19.36 | 216.92 | 16.98 | 262.35 | 15.14 | 307.56 | 13.78 |
| 171.90 | 19.29 | 217.55 | 16.94 | 262.98 | 15.11 | 308.18 | 13.75 |
| 172.53 | 19.21 | 218.18 | 16.92 | 263.61 | 15.10 | 308.81 | 13.72 |
| 173.17 | 19.15 | 218.82 | 16.92 | 264.24 | 15.08 | 309.44 | 13.70 |
| 173.80 | 19.11 | 219.45 | 16.91 | 264.87 | 15.07 | 310.06 | 13.71 |
| 174.44 | 19.07 | 220.08 | 16.88 | 265.50 | 15.07 | 310.69 | 13.68 |
| 175.08 | 19.05 | 220.71 | 16.85 | 266.13 | 15.06 | 311.32 | 13.67 |
| 175.71 | 19.01 | 221.35 | 16.80 | 266.76 | 15.05 | 311.94 | 13.64 |
| 176.35 | 18.98 | 221.98 | 16.78 | 267.38 | 15.03 | 312.57 | 13.60 |
| 176.98 | 18.96 | 222.61 | 16.75 | 268.01 | 15.01 | 313.19 | 13.59 |
| 177.62 | 18.95 | 223.24 | 16.72 | 268.64 | 14.98 | 313.82 | 13.56 |
| 178.25 | 18.93 | 223.87 | 16.67 | 269.27 | 14.95 | 314.45 | 13.54 |
| 178.89 | 18.91 | 224.51 | 16.63 | 269.90 | 14.92 | 315.07 | 13.51 |
| 179.52 | 18.89 | 225.14 | 16.60 | 270.53 | 14.90 | 315.70 | 13.50 |
| 180.16 | 18.86 | 225.77 | 16.57 | 271.16 | 14.87 | 316.32 | 13.49 |
| 180.79 | 18.84 | 226.40 | 16.55 | 271.79 | 14.85 | 316.95 | 13.49 |
| 181.43 | 18.82 | 227.03 | 16.54 | 272.42 | 14.83 | 317.57 | 13.47 |
| 182.06 | 18.80 | 227.67 | 16.51 | 273.04 | 14.80 | 318.20 | 13.46 |
| 182.70 | 18.78 | 228.30 | 16.50 | 273.67 | 14.77 | 318.83 | 13.44 |
| 183.33 | 18.74 | 228.93 | 16.47 | 274.30 | 14.74 | 319.45 | 13.44 |
| 183.97 | 18.70 | 229.56 | 16.45 | 274.93 | 14.71 | 320.08 | 13.42 |
| 184.60 | 18.66 | 230.19 | 16.43 | 275.56 | 14.68 | 320.70 | 13.39 |
| 185.24 | 18.57 | 230.82 | 16.41 | 276.19 | 14.68 | 321.33 | 13.38 |
| 185.87 | 18.48 | 231.46 | 16.37 | 276.82 | 14.66 | 321.95 | 13.36 |
| 186.51 | 18.40 | 232.09 | 16.34 | 277.44 | 14.65 | 322.58 | 13.35 |
| 187.14 | 18.35 | 232.72 | 16.30 | 278.07 | 14.65 | 323.20 | 13.33 |
| 187.78 | 18.31 | 233.35 | 16.27 | 278.70 | 14.64 | 323.83 | 13.31 |
| 188.41 | 18.28 | 233.98 | 16.25 | 279.33 | 14.63 | 324.45 | 13.29 |
| 189.04 | 18.26 | 234.61 | 16.20 | 279.96 | 14.63 | 325.08 | 13.27 |
| 189.68 | 18.25 | 235.24 | 16.18 | 280.59 | 14.61 | 325.70 | 13.25 |
| 190.31 | 18.24 | 235.88 | 16.17 | 281.21 | 14.60 | 326.33 | 13.22 |
| 190.95 | 18.22 | 236.51 | 16.15 | 281.84 | 14.57 | 326.95 | 13.21 |
| 191.58 | 18.20 | 237.14 | 16.12 | 282.47 | 14.54 | 327.58 | 13.17 |
| 192.22 | 18.18 | 237.77 | 16.09 | 283.10 | 14.52 | 328.20 | 13.16 |
| 192.85 | 18.16 | 238.40 | 16.08 | 283.73 | 14.51 | 328.83 | 13.14 |
| 193.48 | 18.15 | 239.03 | 16.05 | 284.35 | 14.49 | 329.45 | 13.13 |
| 194.12 | 18.11 | 239.66 | 16.02 | 284.98 | 14.46 | 330.08 | 13.12 |
| 194.75 | 18.07 | 240.29 | 16.00 | 285.61 | 14.44 | 330.70 | 13.09 |
| 195.39 | 18.03 | 240.92 | 15.97 | 286.24 | 14.43 | 331.33 | 13.07 |
| 196.02 | 18.00 | 241.56 | 15.96 | 286.87 | 14.40 | 331.95 | 13.06 |
| 196.65 | 17.98 | 242.19 | 15.93 | 287.49 | 14.37 | 332.58 | 13.04 |
| 197.29 | 17.96 | 242.82 | 15.89 | 288.12 | 14.37 | 333.20 | 13.00 |
| 197.92 | 17.95 | 243.45 | 15.84 | 288.75 | 14.36 | 333.83 | 12.97 |
| 198.56 | 17.94 | 244.08 | 15.80 | 289.38 | 14.32 | 334.45 | 12.96 |
| 199.19 | 17.92 | 244.71 | 15.77 | 290.00 | 14.30 | 335.08 | 12.94 |
| 199.82 | 17.89 | 245.34 | 15.73 | 290.63 | 14.27 | 335.70 | 12.90 |
| 200.46 | 17.88 | 245.97 | 15.69 | 291.26 | 14.25 | 336.32 | 12.88 |
| 201.09 | 17.86 | 246.60 | 15.65 | 291.89 | 14.23 | 336.95 | 12.87 |
| 201.72 | 17.84 | 247.23 | 15.63 | 292.51 | 14.22 | 337.57 | 12.84 |
| 202.36 | 17.82 | 247.86 | 15.58 | 293.14 | 14.21 | 338.20 | 12.82 |
| 202.99 | 17.79 | 248.49 | 15.53 | 293.77 | 14.18 | 338.82 | 12.80 |
| 203.63 | 17.77 | 249.12 | 15.50 | 294.40 | 14.16 | 339.45 | 12.78 |
| 204.26 | 17.74 | 249.75 | 15.48 | 295.02 | 14.15 | 340.07 | 12.77 |
| 204.89 | 17.70 | 250.38 | 15.45 | 295.65 | 14.11 | 340.69 | 12.76 |

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|------|
| 341.32 | 12.74 | 386.13 | 11.54 | 430.73 | 10.52 | 475.09 | 9.68 |
| 341.94 | 12.74 | 386.75 | 11.53 | 431.34 | 10.51 | 475.71 | 9.67 |
| 342.57 | 12.72 | 387.38 | 11.51 | 431.96 | 10.50 | 476.32 | 9.65 |
| 343.19 | 12.71 | 388.00 | 11.49 | 432.58 | 10.50 | 476.94 | 9.64 |
| 343.81 | 12.69 | 388.62 | 11.48 | 433.20 | 10.49 | 477.55 | 9.63 |
| 344.44 | 12.66 | 389.24 | 11.47 | 433.81 | 10.48 | 478.17 | 9.61 |
| 345.06 | 12.63 | 389.86 | 11.44 | 434.43 | 10.47 | 478.78 | 9.59 |
| 345.68 | 12.62 | 390.48 | 11.42 | 435.05 | 10.46 | 479.40 | 9.57 |
| 346.31 | 12.59 | 391.10 | 11.40 | 435.67 | 10.46 | 480.01 | 9.54 |
| 346.93 | 12.57 | 391.72 | 11.38 | 436.28 | 10.43 | 480.62 | 9.54 |
| 347.56 | 12.56 | 392.34 | 11.37 | 436.90 | 10.41 | 481.24 | 9.53 |
| 348.18 | 12.54 | 392.96 | 11.36 | 437.52 | 10.40 | 481.85 | 9.52 |
| 348.80 | 12.52 | 393.58 | 11.33 | 438.14 | 10.38 | 482.47 | 9.51 |
| 349.43 | 12.49 | 394.20 | 11.31 | 438.75 | 10.36 | 483.08 | 9.50 |
| 350.05 | 12.47 | 394.82 | 11.30 | 439.37 | 10.34 | 483.70 | 9.48 |
| 350.67 | 12.46 | 395.44 | 11.29 | 439.99 | 10.34 | 484.31 | 9.48 |
| 351.30 | 12.43 | 396.06 | 11.29 | 440.60 | 10.33 | 484.92 | 9.46 |
| 351.92 | 12.42 | 396.68 | 11.27 | 441.22 | 10.30 | 485.54 | 9.46 |
| 352.54 | 12.40 | 397.30 | 11.26 | 441.84 | 10.29 | 486.15 | 9.46 |
| 353.17 | 12.37 | 397.92 | 11.25 | 442.46 | 10.29 | 486.77 | 9.42 |
| 353.79 | 12.36 | 398.54 | 11.23 | 443.07 | 10.28 | 487.38 | 9.41 |
| 354.41 | 12.33 | 399.16 | 11.21 | 443.69 | 10.28 | 487.99 | 9.41 |
| 355.04 | 12.31 | 399.78 | 11.21 | 444.31 | 10.26 | 488.61 | 9.40 |
| 355.66 | 12.30 | 400.40 | 11.20 | 444.92 | 10.26 | 489.22 | 9.39 |
| 356.28 | 12.30 | 401.02 | 11.19 | 445.54 | 10.23 | 489.83 | 9.38 |
| 356.90 | 12.29 | 401.64 | 11.18 | 446.16 | 10.22 | 490.45 | 9.38 |
| 357.53 | 12.29 | 402.26 | 11.15 | 446.77 | 10.22 | 491.06 | 9.37 |
| 358.15 | 12.26 | 402.88 | 11.13 | 447.39 | 10.21 | 491.67 | 9.37 |
| 358.77 | 12.23 | 403.50 | 11.11 | 448.01 | 10.21 | 492.29 | 9.37 |
| 359.40 | 12.19 | 404.12 | 11.10 | 448.62 | 10.20 | 492.90 | 9.37 |
| 360.02 | 12.17 | 404.74 | 11.09 | 449.24 | 10.18 | 493.51 | 9.37 |
| 360.64 | 12.15 | 405.36 | 11.08 | 449.86 | 10.16 | 494.13 | 9.37 |
| 361.26 | 12.14 | 405.98 | 11.09 | 450.47 | 10.15 | 494.74 | 9.35 |
| 361.89 | 12.11 | 406.60 | 11.07 | 451.09 | 10.14 | 495.35 | 9.34 |
| 362.51 | 12.12 | 407.22 | 11.06 | 451.71 | 10.13 | 495.97 | 9.35 |
| 363.13 | 12.11 | 407.84 | 11.04 | 452.32 | 10.11 | 496.58 | 9.32 |
| 363.75 | 12.09 | 408.46 | 11.01 | 452.94 | 10.10 | 497.19 | 9.31 |
| 364.38 | 12.08 | 409.08 | 11.01 | 453.55 | 10.08 | 497.81 | 9.28 |
| 365.00 | 12.08 | 409.70 | 10.98 | 454.17 | 10.06 | 498.42 | 9.27 |
| 365.62 | 12.07 | 410.32 | 10.97 | 454.79 | 10.07 | 499.03 | 9.25 |
| 366.24 | 12.08 | 410.93 | 10.94 | 455.40 | 10.03 | 499.65 | 9.23 |
| 366.87 | 12.06 | 411.55 | 10.91 | 456.02 | 10.01 | 500.26 | 9.24 |
| 367.49 | 12.06 | 412.17 | 10.90 | 456.63 | 10.01 | 500.87 | 9.23 |
| 368.11 | 12.06 | 412.79 | 10.89 | 457.25 | 10.00 | 501.49 | 9.20 |
| 368.73 | 12.05 | 413.41 | 10.89 | 457.87 | 10.00 | 502.10 | 9.19 |
| 369.35 | 12.05 | 414.03 | 10.87 | 458.48 | 10.00 | 502.71 | 9.19 |
| 369.98 | 12.04 | 414.65 | 10.84 | 459.10 | 9.98 | 503.32 | 9.18 |
| 370.60 | 12.03 | 415.27 | 10.83 | 459.71 | 9.98 | 503.94 | 9.18 |
| 371.22 | 12.00 | 415.89 | 10.82 | 460.33 | 9.99 | 504.55 | 9.17 |
| 371.84 | 11.98 | 416.51 | 10.81 | 460.95 | 9.97 | 505.16 | 9.14 |
| 372.46 | 11.96 | 417.12 | 10.80 | 461.56 | 9.97 | 505.77 | 9.13 |
| 373.09 | 11.94 | 417.74 | 10.79 | 462.18 | 9.95 | 506.39 | 9.12 |
| 373.71 | 11.93 | 418.36 | 10.79 | 462.79 | 9.93 | 507.00 | 9.11 |
| 374.33 | 11.91 | 418.98 | 10.78 | 463.41 | 9.93 | 507.61 | 9.11 |
| 374.95 | 11.87 | 419.60 | 10.76 | 464.02 | 9.92 | 508.22 | 9.09 |
| 375.57 | 11.83 | 420.22 | 10.74 | 464.64 | 9.89 | 508.84 | 9.09 |
| 376.19 | 11.79 | 420.84 | 10.71 | 465.25 | 9.88 | 509.45 | 9.08 |
| 376.82 | 11.77 | 421.45 | 10.71 | 465.87 | 9.88 | 510.06 | 9.07 |
| 377.44 | 11.75 | 422.07 | 10.69 | 466.48 | 9.87 | 510.67 | 9.05 |
| 378.06 | 11.74 | 422.69 | 10.67 | 467.10 | 9.86 | 511.28 | 9.03 |
| 378.68 | 11.71 | 423.31 | 10.66 | 467.72 | 9.85 | 511.90 | 9.02 |
| 379.30 | 11.71 | 423.93 | 10.65 | 468.33 | 9.83 | 512.51 | 9.00 |
| 379.92 | 11.70 | 424.55 | 10.64 | 468.95 | 9.80 | 513.12 | 9.01 |
| 380.54 | 11.68 | 425.16 | 10.63 | 469.56 | 9.79 | 513.73 | 9.01 |
| 381.17 | 11.66 | 425.78 | 10.62 | 470.18 | 9.78 | 514.34 | 9.00 |
| 381.79 | 11.65 | 426.40 | 10.60 | 470.79 | 9.76 | 514.96 | 8.99 |
| 382.41 | 11.64 | 427.02 | 10.59 | 471.41 | 9.74 | 515.57 | 8.99 |
| 383.03 | 11.61 | 427.64 | 10.58 | 472.02 | 9.72 | 516.18 | 8.99 |
| 383.65 | 11.59 | 428.25 | 10.57 | 472.64 | 9.71 | 516.79 | 8.99 |
| 384.27 | 11.58 | 428.87 | 10.56 | 473.25 | 9.71 | 517.40 | 8.98 |
| 384.89 | 11.58 | 429.49 | 10.55 | 473.86 | 9.70 | 518.02 | 8.97 |
| 385.51 | 11.55 | 430.11 | 10.54 | 474.48 | 9.70 | 518.63 | 8.96 |

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|--------|------|--------|------|--------|------|--------|------|
| 519.24 | 8.96 | 563.16 | 8.40 | 606.86 | 7.76 | 650.33 | 7.22 |
| 519.85 | 8.96 | 563.77 | 8.39 | 607.46 | 7.74 | 650.93 | 7.22 |
| 520.46 | 8.94 | 564.38 | 8.38 | 608.07 | 7.73 | 651.53 | 7.21 |
| 521.07 | 8.95 | 564.98 | 8.39 | 608.67 | 7.71 | 652.13 | 7.21 |
| 521.68 | 8.94 | 565.59 | 8.38 | 609.28 | 7.70 | 652.74 | 7.20 |
| 522.30 | 8.94 | 566.20 | 8.38 | 609.88 | 7.71 | 653.34 | 7.21 |
| 522.91 | 8.93 | 566.81 | 8.37 | 610.49 | 7.70 | 653.94 | 7.20 |
| 523.52 | 8.93 | 567.42 | 8.37 | 611.09 | 7.69 | 654.54 | 7.18 |
| 524.13 | 8.91 | 568.03 | 8.37 | 611.70 | 7.69 | 655.14 | 7.19 |
| 524.74 | 8.91 | 568.63 | 8.36 | 612.30 | 7.68 | 655.75 | 7.19 |
| 525.35 | 8.91 | 569.24 | 8.36 | 612.91 | 7.67 | 656.35 | 7.18 |
| 525.96 | 8.90 | 569.85 | 8.35 | 613.51 | 7.67 | 656.95 | 7.17 |
| 526.57 | 8.89 | 570.46 | 8.35 | 614.12 | 7.66 | 657.55 | 7.17 |
| 527.19 | 8.88 | 571.07 | 8.32 | 614.72 | 7.65 | 658.15 | 7.17 |
| 527.80 | 8.88 | 571.67 | 8.31 | 615.33 | 7.65 | 658.75 | 7.16 |
| 528.41 | 8.87 | 572.28 | 8.31 | 615.93 | 7.65 | 659.36 | 7.16 |
| 529.02 | 8.84 | 572.89 | 8.28 | 616.54 | 7.62 | 659.96 | 7.16 |
| 529.63 | 8.85 | 573.50 | 8.27 | 617.14 | 7.62 | 660.56 | 7.15 |
| 530.24 | 8.85 | 574.10 | 8.26 | 617.74 | 7.61 | 661.16 | 7.14 |
| 530.85 | 8.84 | 574.71 | 8.24 | 618.35 | 7.62 | 661.76 | 7.13 |
| 531.46 | 8.83 | 575.32 | 8.23 | 618.95 | 7.61 | 662.36 | 7.13 |
| 532.07 | 8.82 | 575.93 | 8.21 | 619.56 | 7.61 | 662.96 | 7.13 |
| 532.68 | 8.81 | 576.53 | 8.21 | 620.16 | 7.59 | 663.57 | 7.11 |
| 533.29 | 8.81 | 577.14 | 8.20 | 620.77 | 7.58 | 664.17 | 7.10 |
| 533.90 | 8.81 | 577.75 | 8.20 | 621.37 | 7.57 | 664.77 | 7.10 |
| 534.51 | 8.80 | 578.36 | 8.20 | 621.98 | 7.56 | 665.37 | 7.10 |
| 535.12 | 8.80 | 578.96 | 8.18 | 622.58 | 7.56 | 665.97 | 7.09 |
| 535.73 | 8.78 | 579.57 | 8.17 | 623.18 | 7.55 | 666.57 | 7.08 |
| 536.35 | 8.78 | 580.18 | 8.18 | 623.79 | 7.55 | 667.17 | 7.08 |
| 536.96 | 8.77 | 580.79 | 8.16 | 624.39 | 7.53 | 667.77 | 7.07 |
| 537.57 | 8.77 | 581.39 | 8.15 | 625.00 | 7.51 | 668.38 | 7.07 |
| 538.18 | 8.76 | 582.00 | 8.13 | 625.60 | 7.50 | 668.98 | 7.06 |
| 538.79 | 8.76 | 582.61 | 8.11 | 626.20 | 7.49 | 669.58 | 7.04 |
| 539.40 | 8.75 | 583.21 | 8.10 | 626.81 | 7.48 | 670.18 | 7.04 |
| 540.01 | 8.76 | 583.82 | 8.10 | 627.41 | 7.47 | 670.78 | 7.03 |
| 540.62 | 8.74 | 584.43 | 8.09 | 628.02 | 7.46 | 671.38 | 7.03 |
| 541.23 | 8.75 | 585.04 | 8.06 | 628.62 | 7.46 | 671.98 | 7.01 |
| 541.84 | 8.73 | 585.64 | 8.05 | 629.22 | 7.45 | 672.58 | 7.01 |
| 542.45 | 8.73 | 586.25 | 8.05 | 629.83 | 7.44 | 673.18 | 7.00 |
| 543.06 | 8.71 | 586.86 | 8.04 | 630.43 | 7.42 | 673.78 | 7.00 |
| 543.67 | 8.70 | 587.46 | 8.03 | 631.03 | 7.41 | 674.38 | 6.99 |
| 544.28 | 8.69 | 588.07 | 8.01 | 631.64 | 7.40 | 674.98 | 6.99 |
| 544.89 | 8.67 | 588.68 | 8.00 | 632.24 | 7.39 | 675.58 | 6.98 |
| 545.50 | 8.66 | 589.28 | 8.00 | 632.84 | 7.39 | 676.18 | 6.97 |
| 546.11 | 8.65 | 589.89 | 8.00 | 633.45 | 7.39 | 676.78 | 6.97 |
| 546.71 | 8.64 | 590.50 | 7.99 | 634.05 | 7.39 | 677.38 | 6.96 |
| 547.32 | 8.63 | 591.10 | 7.99 | 634.66 | 7.38 | 677.98 | 6.95 |
| 547.93 | 8.63 | 591.71 | 7.98 | 635.26 | 7.38 | 678.58 | 6.96 |
| 548.54 | 8.61 | 592.31 | 7.97 | 635.86 | 7.40 | 679.18 | 6.93 |
| 549.15 | 8.60 | 592.92 | 7.97 | 636.47 | 7.38 | 679.79 | 6.94 |
| 549.76 | 8.60 | 593.53 | 7.96 | 637.07 | 7.38 | 680.39 | 6.94 |
| 550.37 | 8.58 | 594.13 | 7.95 | 637.67 | 7.38 | 680.99 | 6.93 |
| 550.98 | 8.59 | 594.74 | 7.94 | 638.27 | 7.38 | 681.59 | 6.92 |
| 551.59 | 8.58 | 595.35 | 7.92 | 638.88 | 7.38 | 682.19 | 6.92 |
| 552.20 | 8.58 | 595.95 | 7.91 | 639.48 | 7.38 | 682.79 | 6.92 |
| 552.81 | 8.55 | 596.56 | 7.90 | 640.08 | 7.37 | 683.38 | 6.93 |
| 553.42 | 8.54 | 597.16 | 7.89 | 640.69 | 7.35 | 683.98 | 6.92 |
| 554.03 | 8.54 | 597.77 | 7.88 | 641.29 | 7.35 | 684.58 | 6.92 |
| 554.64 | 8.53 | 598.38 | 7.86 | 641.89 | 7.33 | 685.18 | 6.92 |
| 555.25 | 8.52 | 598.98 | 7.85 | 642.50 | 7.32 | 685.78 | 6.91 |
| 555.85 | 8.53 | 599.59 | 7.84 | 643.10 | 7.32 | 686.38 | 6.91 |
| 556.46 | 8.51 | 600.19 | 7.83 | 643.70 | 7.31 | 686.98 | 6.91 |
| 557.07 | 8.50 | 600.80 | 7.83 | 644.30 | 7.31 | 687.58 | 6.90 |
| 557.68 | 8.48 | 601.41 | 7.83 | 644.91 | 7.30 | 688.18 | 6.90 |
| 558.29 | 8.47 | 602.01 | 7.83 | 645.51 | 7.29 | 688.78 | 6.89 |
| 558.90 | 8.46 | 602.62 | 7.82 | 646.11 | 7.29 | 689.38 | 6.88 |
| 559.51 | 8.46 | 603.22 | 7.81 | 646.71 | 7.27 | 689.98 | 6.88 |
| 560.12 | 8.43 | 603.83 | 7.81 | 647.32 | 7.26 | 690.58 | 6.86 |
| 560.72 | 8.42 | 604.43 | 7.80 | 647.92 | 7.25 | 691.18 | 6.86 |
| 561.33 | 8.41 | 605.04 | 7.79 | 648.52 | 7.25 | 691.78 | 6.85 |
| 561.94 | 8.42 | 605.64 | 7.78 | 649.12 | 7.25 | 692.38 | 6.85 |
| 562.55 | 8.41 | 606.25 | 7.77 | 649.73 | 7.23 | 692.98 | 6.84 |

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|--------|------|-------------------|-----------------|
| 693.58 | 6.83 | 736.60 | 6.43 |
| 694.18 | 6.81 | 737.20 | 6.42 |
| 694.77 | 6.80 | 737.79 | 6.42 |
| 695.37 | 6.80 | 738.39 | 6.41 |
| 695.97 | 6.80 | 738.98 | 6.41 |
| 696.57 | 6.80 | 739.58 | 6.40 |
| 697.17 | 6.80 | 740.18 | 6.40 |
| 697.77 | 6.80 | 740.77 | 6.38 |
| 698.37 | 6.79 | 741.37 | 6.40 |
| 698.97 | 6.77 | 741.96 | 6.37 |
| 699.57 | 6.75 | 742.56 | 6.37 |
| 700.16 | 6.75 | 743.15 | 6.36 |
| 700.76 | 6.74 | 743.75 | 6.36 |
| 701.36 | 6.73 | 744.35 | 6.35 |
| 701.96 | 6.74 | 744.94 | 6.36 |
| 702.56 | 6.73 | 745.54 | 6.34 |
| 703.16 | 6.72 | 746.13 | 6.35 |
| 703.76 | 6.73 | 746.73 | 6.34 |
| 704.35 | 6.72 | 747.32 | 6.34 |
| 704.95 | 6.72 | 747.92 | 6.34 |
| 705.55 | 6.71 | 748.51 | 6.32 |
| 706.15 | 6.70 | 749.11 | 6.32 |
| 706.75 | 6.70 | 749.70 | 6.31 |
| 707.34 | 6.68 | 750.30 | 6.31 |
| 707.94 | 6.68 | 750.89 | 6.30 |
| 708.54 | 6.68 | 751.49 | 6.31 |
| 709.14 | 6.66 | 752.08 | 6.30 |
| 709.74 | 6.66 | 752.68 | 6.29 |
| 710.33 | 6.66 | 753.27 | 6.30 |
| 710.93 | 6.65 | 753.87 | 6.29 |
| 711.53 | 6.65 | 754.46 | 6.29 |
| 712.13 | 6.64 | 755.06 | 6.28 |
| 712.73 | 6.62 | 755.65 | 6.28 |
| 713.32 | 6.62 | 756.25 | 6.28 |
| 713.92 | 6.62 | 756.84 | 6.27 |
| 714.52 | 6.61 | 757.43 | 6.27 |
| 715.12 | 6.61 | 758.03 | 6.27 |
| 715.71 | 6.61 | 758.62 | 6.26 |
| 716.31 | 6.60 | 759.22 | 6.26 |
| 716.91 | 6.59 | 759.81 | 6.25 |
| 717.51 | 6.58 | 760.41 | 6.24 |
| 718.10 | 6.58 | 761.00 | 6.24 |
| 718.70 | 6.58 | | |
| 719.30 | 6.57 | | |
| 719.90 | 6.56 | | |
| 720.49 | 6.55 | | |
| 721.09 | 6.55 | | |
| 721.69 | 6.53 | | |
| 722.28 | 6.53 | | |
| 722.88 | 6.54 | | |
| 723.48 | 6.52 | | |
| 724.08 | 6.53 | | |
| 724.67 | 6.52 | | |
| 725.27 | 6.52 | | |
| 725.87 | 6.51 | | |
| 726.46 | 6.51 | | |
| 727.06 | 6.50 | | |
| 727.66 | 6.51 | | |
| 728.25 | 6.50 | | |
| 728.85 | 6.51 | | |
| 729.45 | 6.51 | | |
| 730.04 | 6.50 | | |
| 730.64 | 6.50 | | |
| 731.23 | 6.49 | | |
| 731.83 | 6.46 | | |
| 732.43 | 6.47 | | |
| 733.02 | 6.46 | | |
| 733.62 | 6.46 | | |
| 734.22 | 6.45 | | |
| 734.81 | 6.44 | | |
| 735.41 | 6.42 | | |
| 736.00 | 6.43 | | |

XBT-08

Cruise: 92G02
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Time: 12:40:36
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~~0.65 23.20~~
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| | | | | | | | |
|-------|-------|-------|-------|--------|-------|--------|-------|
| 2.59 | 23.22 | 41.33 | 23.22 | 81.85 | 23.19 | 122.19 | 23.20 |
| 3.24 | 23.26 | 41.98 | 23.24 | 82.49 | 23.20 | 122.83 | 23.20 |
| 3.88 | 23.26 | 42.62 | 23.23 | 83.13 | 23.21 | 123.47 | 23.20 |
| 4.53 | 23.26 | 43.27 | 23.23 | 83.77 | 23.20 | 124.11 | 23.20 |
| 5.18 | 23.27 | 43.91 | 23.22 | 84.41 | 23.20 | 124.74 | 23.21 |
| 5.82 | 23.28 | 44.55 | 23.23 | 85.05 | 23.20 | 125.38 | 23.21 |
| 6.47 | 23.27 | 45.20 | 23.23 | 85.70 | 23.19 | 126.02 | 23.21 |
| 7.12 | 23.27 | 45.84 | 23.22 | 86.34 | 23.20 | 126.66 | 23.21 |
| 7.76 | 23.27 | 46.49 | 23.22 | 86.98 | 23.20 | 127.30 | 23.22 |
| 8.41 | 23.28 | 47.13 | 23.21 | 87.62 | 23.21 | 127.94 | 23.22 |
| 9.06 | 23.27 | 47.77 | 23.22 | 88.26 | 23.20 | 128.58 | 23.22 |
| 9.70 | 23.28 | 48.42 | 23.22 | 88.90 | 23.20 | 129.21 | 23.21 |
| 10.35 | 23.28 | 49.06 | 23.22 | 89.54 | 23.20 | 129.85 | 23.21 |
| 11.00 | 23.29 | 49.71 | 23.22 | 90.18 | 23.21 | 130.49 | 23.22 |
| 11.64 | 23.28 | 50.35 | 23.21 | 90.83 | 23.20 | 131.13 | 23.21 |
| 12.29 | 23.29 | 50.99 | 23.22 | 91.47 | 23.19 | 131.77 | 23.21 |
| 12.94 | 23.29 | 51.64 | 23.21 | 92.11 | 23.20 | 132.41 | 23.22 |
| 13.58 | 23.29 | 52.28 | 23.22 | 92.75 | 23.21 | 133.04 | 23.21 |
| 14.23 | 23.29 | 52.93 | 23.22 | 93.39 | 23.19 | 133.68 | 23.22 |
| 14.87 | 23.29 | 53.57 | 23.21 | 94.03 | 23.21 | 134.32 | 23.21 |
| 15.52 | 23.28 | 54.21 | 23.21 | 94.67 | 23.20 | 134.96 | 23.21 |
| 16.17 | 23.29 | 54.86 | 23.21 | 95.31 | 23.21 | 135.60 | 23.22 |
| 16.81 | 23.27 | 55.50 | 23.21 | 95.95 | 23.21 | 136.24 | 23.22 |
| 17.46 | 23.28 | 56.14 | 23.22 | 96.59 | 23.21 | 136.87 | 23.20 |
| 18.10 | 23.29 | 56.79 | 23.21 | 97.23 | 23.20 | 137.51 | 23.21 |
| 18.75 | 23.28 | 57.43 | 23.22 | 97.88 | 23.20 | 138.15 | 23.20 |
| 19.40 | 23.29 | 58.07 | 23.21 | 98.52 | 23.20 | 138.79 | 23.21 |
| 20.04 | 23.28 | 58.72 | 23.21 | 99.16 | 23.20 | 139.43 | 23.20 |
| 20.69 | 23.28 | 59.36 | 23.22 | 99.80 | 23.21 | 140.06 | 23.19 |
| 21.33 | 23.28 | 60.00 | 23.21 | 100.44 | 23.20 | 140.70 | 23.19 |
| 21.98 | 23.28 | 60.65 | 23.22 | 101.08 | 23.20 | 141.34 | 23.19 |
| 22.63 | 23.28 | 61.29 | 23.22 | 101.72 | 23.20 | 141.98 | 23.18 |
| 23.27 | 23.27 | 61.93 | 23.22 | 102.36 | 23.20 | 142.61 | 23.17 |
| 23.92 | 23.28 | 62.58 | 23.22 | 103.00 | 23.21 | 143.25 | 23.16 |
| 24.56 | 23.28 | 63.22 | 23.22 | 103.64 | 23.21 | 143.89 | 23.16 |
| 25.21 | 23.28 | 63.86 | 23.22 | 104.28 | 23.20 | 144.53 | 23.14 |
| 25.85 | 23.28 | 64.50 | 23.21 | 104.92 | 23.21 | 145.16 | 23.10 |
| 26.50 | 23.27 | 65.15 | 23.22 | 105.56 | 23.21 | 145.80 | 23.06 |
| 27.14 | 23.26 | 65.79 | 23.21 | 106.20 | 23.21 | 146.44 | 23.00 |
| 27.79 | 23.26 | 66.43 | 23.22 | 106.84 | 23.21 | 147.08 | 22.94 |
| 28.43 | 23.27 | 67.08 | 23.21 | 107.48 | 23.20 | 147.71 | 22.90 |
| 29.08 | 23.27 | 67.72 | 23.21 | 108.12 | 23.21 | 148.35 | 22.83 |
| 29.73 | 23.26 | 68.36 | 23.21 | 108.76 | 23.20 | 148.99 | 22.59 |
| 30.37 | 23.25 | 69.00 | 23.21 | 109.40 | 23.21 | 149.62 | 22.47 |
| 31.02 | 23.26 | 69.65 | 23.20 | 110.04 | 23.20 | 150.26 | 22.29 |
| 31.66 | 23.27 | 70.29 | 23.21 | 110.68 | 23.21 | 150.90 | 22.00 |
| 32.31 | 23.25 | 70.93 | 23.20 | 111.32 | 23.20 | 151.54 | 21.83 |
| 32.95 | 23.26 | 71.57 | 23.20 | 111.96 | 23.20 | 152.17 | 21.72 |
| 33.60 | 23.24 | 72.22 | 23.19 | 112.60 | 23.20 | 152.81 | 21.58 |
| 34.24 | 23.25 | 72.86 | 23.19 | 113.24 | 23.21 | 153.45 | 21.49 |
| 34.89 | 23.26 | 73.50 | 23.20 | 113.88 | 23.20 | 154.08 | 21.37 |
| 35.53 | 23.25 | 74.14 | 23.19 | 114.52 | 23.20 | 154.72 | 21.25 |
| 36.18 | 23.24 | 74.78 | 23.19 | 115.16 | 23.20 | 155.36 | 21.19 |
| 36.82 | 23.25 | 75.43 | 23.19 | 115.80 | 23.21 | 155.99 | 21.16 |
| 37.46 | 23.24 | 76.07 | 23.21 | 116.44 | 23.21 | 156.63 | 21.13 |
| 38.11 | 23.25 | 76.71 | 23.19 | 117.07 | 23.21 | 157.27 | 21.07 |
| 38.75 | 23.24 | 77.35 | 23.20 | 117.71 | 23.21 | 157.90 | 21.03 |
| 39.40 | 23.24 | 77.99 | 23.19 | 118.35 | 23.20 | 158.54 | 21.00 |
| 40.04 | 23.23 | 78.64 | 23.20 | 118.99 | 23.22 | 159.18 | 20.99 |
| 40.69 | 23.23 | 79.28 | 23.19 | 119.63 | 23.21 | 159.81 | 20.97 |
| | | 79.92 | 23.20 | 120.27 | 23.21 | 160.45 | 20.98 |
| | | 80.56 | 23.19 | 120.91 | 23.20 | 161.09 | 20.96 |
| | | 81.20 | 23.19 | 121.55 | 23.21 | 161.72 | 20.95 |

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|--------|-------|--------|-------|--------|-------|--------|-------|
| 162.36 | 20.94 | 208.06 | 18.71 | 253.53 | 16.58 | 298.79 | 14.68 |
| 163.00 | 20.91 | 208.69 | 18.72 | 254.16 | 16.57 | 299.41 | 14.64 |
| 163.63 | 20.90 | 209.32 | 18.69 | 254.79 | 16.54 | 300.04 | 14.63 |
| 164.27 | 20.85 | 209.96 | 18.68 | 255.42 | 16.53 | 300.67 | 14.62 |
| 164.90 | 20.83 | 210.59 | 18.65 | 256.05 | 16.51 | 301.29 | 14.60 |
| 165.54 | 20.77 | 211.22 | 18.61 | 256.68 | 16.48 | 301.92 | 14.58 |
| 166.18 | 20.68 | 211.86 | 18.58 | 257.31 | 16.46 | 302.55 | 14.57 |
| 166.81 | 20.63 | 212.49 | 18.52 | 257.94 | 16.44 | 303.17 | 14.54 |
| 167.45 | 20.59 | 213.12 | 18.47 | 258.57 | 16.42 | 303.80 | 14.51 |
| 168.08 | 20.57 | 213.76 | 18.46 | 259.20 | 16.37 | 304.43 | 14.50 |
| 168.72 | 20.51 | 214.39 | 18.43 | 259.83 | 16.33 | 305.05 | 14.49 |
| 169.36 | 20.40 | 215.02 | 18.40 | 260.46 | 16.31 | 305.68 | 14.46 |
| 169.99 | 20.33 | 215.65 | 18.35 | 261.09 | 16.29 | 306.31 | 14.43 |
| 170.63 | 20.30 | 216.29 | 18.30 | 261.72 | 16.25 | 306.93 | 14.40 |
| 171.26 | 20.26 | 216.92 | 18.24 | 262.35 | 16.25 | 307.56 | 14.37 |
| 171.90 | 20.21 | 217.55 | 18.20 | 262.98 | 16.23 | 308.18 | 14.36 |
| 172.53 | 20.17 | 218.18 | 18.19 | 263.61 | 16.20 | 308.81 | 14.35 |
| 173.17 | 20.13 | 218.82 | 18.16 | 264.24 | 16.16 | 309.44 | 14.33 |
| 173.80 | 20.11 | 219.45 | 18.15 | 264.87 | 16.15 | 310.06 | 14.33 |
| 174.44 | 20.10 | 220.08 | 18.14 | 265.50 | 16.08 | 310.69 | 14.31 |
| 175.08 | 20.07 | 220.71 | 18.11 | 266.13 | 16.04 | 311.32 | 14.28 |
| 175.71 | 20.02 | 221.35 | 18.09 | 266.76 | 16.01 | 311.94 | 14.27 |
| 176.35 | 19.96 | 221.98 | 18.05 | 267.38 | 16.00 | 312.57 | 14.21 |
| 176.98 | 19.92 | 222.61 | 18.00 | 268.01 | 15.98 | 313.19 | 14.16 |
| 177.62 | 19.89 | 223.24 | 17.96 | 268.64 | 15.98 | 313.82 | 14.13 |
| 178.25 | 19.90 | 223.87 | 17.92 | 269.27 | 15.97 | 314.45 | 14.11 |
| 178.89 | 19.89 | 224.51 | 17.89 | 269.90 | 15.95 | 315.07 | 14.09 |
| 179.52 | 19.87 | 225.14 | 17.86 | 270.53 | 15.94 | 315.70 | 14.06 |
| 180.16 | 19.88 | 225.77 | 17.84 | 271.16 | 15.91 | 316.32 | 14.03 |
| 180.79 | 19.84 | 226.40 | 17.75 | 271.79 | 15.88 | 316.95 | 14.01 |
| 181.43 | 19.82 | 227.03 | 17.68 | 272.42 | 15.84 | 317.57 | 13.99 |
| 182.06 | 19.79 | 227.67 | 17.66 | 273.04 | 15.81 | 318.20 | 13.96 |
| 182.70 | 19.78 | 228.30 | 17.64 | 273.67 | 15.78 | 318.83 | 13.93 |
| 183.33 | 19.74 | 228.93 | 17.62 | 274.30 | 15.75 | 319.45 | 13.91 |
| 183.97 | 19.71 | 229.56 | 17.59 | 274.93 | 15.72 | 320.08 | 13.89 |
| 184.60 | 19.69 | 230.19 | 17.57 | 275.56 | 15.72 | 320.70 | 13.87 |
| 185.24 | 19.67 | 230.82 | 17.53 | 276.19 | 15.69 | 321.33 | 13.84 |
| 185.87 | 19.64 | 231.46 | 17.51 | 276.82 | 15.67 | 321.95 | 13.84 |
| 186.51 | 19.60 | 232.09 | 17.46 | 277.44 | 15.64 | 322.58 | 13.82 |
| 187.14 | 19.53 | 232.72 | 17.40 | 278.07 | 15.59 | 323.20 | 13.81 |
| 187.78 | 19.47 | 233.35 | 17.37 | 278.70 | 15.55 | 323.83 | 13.79 |
| 188.41 | 19.46 | 233.98 | 17.35 | 279.33 | 15.54 | 324.45 | 13.77 |
| 189.04 | 19.47 | 234.61 | 17.31 | 279.96 | 15.52 | 325.08 | 13.75 |
| 189.68 | 19.46 | 235.24 | 17.27 | 280.59 | 15.51 | 325.70 | 13.72 |
| 190.31 | 19.45 | 235.88 | 17.23 | 281.21 | 15.49 | 326.33 | 13.70 |
| 190.95 | 19.45 | 236.51 | 17.23 | 281.84 | 15.48 | 326.95 | 13.69 |
| 191.58 | 19.43 | 237.14 | 17.20 | 282.47 | 15.45 | 327.58 | 13.69 |
| 192.22 | 19.40 | 237.77 | 17.14 | 283.10 | 15.40 | 328.20 | 13.67 |
| 192.85 | 19.35 | 238.40 | 17.08 | 283.73 | 15.35 | 328.83 | 13.64 |
| 193.48 | 19.30 | 239.03 | 17.03 | 284.35 | 15.33 | 329.45 | 13.62 |
| 194.12 | 19.28 | 239.66 | 16.98 | 284.98 | 15.33 | 330.08 | 13.62 |
| 194.75 | 19.27 | 240.29 | 16.95 | 285.61 | 15.31 | 330.70 | 13.61 |
| 195.39 | 19.26 | 240.92 | 16.92 | 286.24 | 15.27 | 331.33 | 13.56 |
| 196.02 | 19.25 | 241.56 | 16.90 | 286.87 | 15.23 | 331.95 | 13.53 |
| 196.65 | 19.22 | 242.19 | 16.88 | 287.49 | 15.17 | 332.58 | 13.52 |
| 197.29 | 19.20 | 242.82 | 16.85 | 288.12 | 15.13 | 333.20 | 13.49 |
| 197.92 | 19.19 | 243.45 | 16.85 | 288.75 | 15.08 | 333.83 | 13.45 |
| 198.56 | 19.17 | 244.08 | 16.83 | 289.38 | 15.04 | 334.45 | 13.44 |
| 199.19 | 19.11 | 244.71 | 16.84 | 290.00 | 15.01 | 335.08 | 13.41 |
| 199.82 | 19.07 | 245.34 | 16.82 | 290.63 | 14.99 | 335.70 | 13.41 |
| 200.46 | 19.01 | 245.97 | 16.82 | 291.26 | 14.97 | 336.32 | 13.41 |
| 201.09 | 18.97 | 246.60 | 16.82 | 291.89 | 14.94 | 336.95 | 13.39 |
| 201.72 | 18.93 | 247.23 | 16.81 | 292.51 | 14.92 | 337.57 | 13.39 |
| 202.36 | 18.91 | 247.86 | 16.78 | 293.14 | 14.92 | 338.20 | 13.36 |
| 202.99 | 18.87 | 248.49 | 16.77 | 293.77 | 14.89 | 338.82 | 13.33 |
| 203.63 | 18.84 | 249.12 | 16.75 | 294.40 | 14.87 | 339.45 | 13.31 |
| 204.26 | 18.81 | 249.75 | 16.72 | 295.02 | 14.85 | 340.07 | 13.30 |
| 204.89 | 18.81 | 250.38 | 16.66 | 295.65 | 14.83 | 340.69 | 13.29 |
| 205.53 | 18.80 | 251.01 | 16.64 | 296.28 | 14.78 | 341.32 | 13.29 |
| 206.16 | 18.77 | 251.64 | 16.64 | 296.90 | 14.75 | 341.94 | 13.28 |
| 206.79 | 18.75 | 252.27 | 16.62 | 297.53 | 14.72 | 342.57 | 13.28 |
| 207.43 | 18.72 | 252.90 | 16.61 | 298.16 | 14.69 | 343.19 | 13.27 |

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|--------|-------|--------|-------|--------|-------|--------|-------|
| 343.81 | 13.26 | 388.62 | 11.96 | 433.20 | 11.06 | 477.55 | 10.39 |
| 344.44 | 13.25 | 389.24 | 11.95 | 433.81 | 11.04 | 478.17 | 10.37 |
| 345.06 | 13.22 | 389.86 | 11.95 | 434.43 | 11.03 | 478.78 | 10.36 |
| 345.68 | 13.19 | 390.48 | 11.94 | 435.05 | 11.02 | 479.40 | 10.34 |
| 346.31 | 13.16 | 391.10 | 11.92 | 435.67 | 11.00 | 480.01 | 10.34 |
| 346.93 | 13.13 | 391.72 | 11.91 | 436.28 | 11.02 | 480.62 | 10.34 |
| 347.56 | 13.08 | 392.34 | 11.90 | 436.90 | 11.01 | 481.24 | 10.32 |
| 348.18 | 13.04 | 392.96 | 11.89 | 437.52 | 11.00 | 481.85 | 10.31 |
| 348.80 | 13.03 | 393.58 | 11.88 | 438.14 | 10.99 | 482.47 | 10.30 |
| 349.43 | 13.00 | 394.20 | 11.87 | 438.75 | 10.97 | 483.08 | 10.29 |
| 350.05 | 12.97 | 394.82 | 11.84 | 439.37 | 10.97 | 483.70 | 10.28 |
| 350.67 | 12.94 | 395.44 | 11.84 | 439.99 | 10.95 | 484.31 | 10.29 |
| 351.30 | 12.93 | 396.06 | 11.81 | 440.60 | 10.95 | 484.92 | 10.27 |
| 351.92 | 12.90 | 396.68 | 11.78 | 441.22 | 10.94 | 485.54 | 10.26 |
| 352.54 | 12.87 | 397.30 | 11.76 | 441.84 | 10.94 | 486.15 | 10.25 |
| 353.17 | 12.87 | 397.92 | 11.73 | 442.46 | 10.93 | 486.77 | 10.24 |
| 353.79 | 12.87 | 398.54 | 11.71 | 443.07 | 10.93 | 487.38 | 10.24 |
| 354.41 | 12.84 | 399.16 | 11.71 | 443.69 | 10.90 | 487.99 | 10.23 |
| 355.04 | 12.84 | 399.78 | 11.71 | 444.31 | 10.88 | 488.61 | 10.22 |
| 355.66 | 12.83 | 400.40 | 11.70 | 444.92 | 10.88 | 489.22 | 10.23 |
| 356.28 | 12.80 | 401.02 | 11.66 | 445.54 | 10.87 | 489.83 | 10.22 |
| 356.90 | 12.80 | 401.64 | 11.65 | 446.16 | 10.87 | 490.45 | 10.21 |
| 357.53 | 12.76 | 402.26 | 11.64 | 446.77 | 10.85 | 491.06 | 10.21 |
| 358.15 | 12.76 | 402.88 | 11.63 | 447.39 | 10.84 | 491.67 | 10.20 |
| 358.77 | 12.74 | 403.50 | 11.58 | 448.01 | 10.83 | 492.29 | 10.19 |
| 359.40 | 12.74 | 404.12 | 11.57 | 448.62 | 10.82 | 492.90 | 10.18 |
| 360.02 | 12.71 | 404.74 | 11.55 | 449.24 | 10.81 | 493.51 | 10.16 |
| 360.64 | 12.68 | 405.36 | 11.55 | 449.86 | 10.79 | 494.13 | 10.16 |
| 361.26 | 12.61 | 405.98 | 11.54 | 450.47 | 10.76 | 494.74 | 10.14 |
| 361.89 | 12.58 | 406.60 | 11.54 | 451.09 | 10.76 | 495.35 | 10.11 |
| 362.51 | 12.56 | 407.22 | 11.53 | 451.71 | 10.75 | 495.97 | 10.08 |
| 363.13 | 12.56 | 407.84 | 11.53 | 452.32 | 10.74 | 496.58 | 10.08 |
| 363.75 | 12.55 | 408.46 | 11.53 | 452.94 | 10.72 | 497.19 | 10.08 |
| 364.38 | 12.50 | 409.08 | 11.53 | 453.55 | 10.73 | 497.81 | 10.05 |
| 365.00 | 12.49 | 409.70 | 11.52 | 454.17 | 10.71 | 498.42 | 10.04 |
| 365.62 | 12.48 | 410.32 | 11.51 | 454.79 | 10.71 | 499.03 | 10.02 |
| 366.24 | 12.46 | 410.93 | 11.48 | 455.40 | 10.69 | 499.65 | 10.01 |
| 366.87 | 12.44 | 411.55 | 11.47 | 456.02 | 10.69 | 500.26 | 10.00 |
| 367.49 | 12.42 | 412.17 | 11.45 | 456.63 | 10.68 | 500.87 | 9.98 |
| 368.11 | 12.40 | 412.79 | 11.43 | 457.25 | 10.67 | 501.49 | 9.99 |
| 368.73 | 12.40 | 413.41 | 11.42 | 457.87 | 10.66 | 502.10 | 9.97 |
| 369.35 | 12.39 | 414.03 | 11.41 | 458.48 | 10.64 | 502.71 | 9.97 |
| 369.98 | 12.38 | 414.65 | 11.41 | 459.10 | 10.61 | 503.32 | 9.96 |
| 370.60 | 12.37 | 415.27 | 11.39 | 459.71 | 10.61 | 503.94 | 9.95 |
| 371.22 | 12.34 | 415.89 | 11.38 | 460.33 | 10.60 | 504.55 | 9.96 |
| 371.84 | 12.28 | 416.51 | 11.38 | 460.95 | 10.58 | 505.16 | 9.94 |
| 372.46 | 12.26 | 417.12 | 11.36 | 461.56 | 10.58 | 505.77 | 9.92 |
| 373.09 | 12.23 | 417.74 | 11.34 | 462.18 | 10.57 | 506.39 | 9.92 |
| 373.71 | 12.22 | 418.36 | 11.31 | 462.79 | 10.58 | 507.00 | 9.91 |
| 374.33 | 12.22 | 418.98 | 11.31 | 463.41 | 10.58 | 507.61 | 9.88 |
| 374.95 | 12.20 | 419.60 | 11.31 | 464.02 | 10.58 | 508.22 | 9.87 |
| 375.57 | 12.20 | 420.22 | 11.30 | 464.64 | 10.57 | 508.84 | 9.88 |
| 376.19 | 12.19 | 420.84 | 11.28 | 465.25 | 10.56 | 509.45 | 9.87 |
| 376.82 | 12.17 | 421.45 | 11.28 | 465.87 | 10.57 | 510.06 | 9.85 |
| 377.44 | 12.17 | 422.07 | 11.26 | 466.48 | 10.57 | 510.67 | 9.87 |
| 378.06 | 12.16 | 422.69 | 11.26 | 467.10 | 10.57 | 511.28 | 9.85 |
| 378.68 | 12.14 | 423.31 | 11.24 | 467.72 | 10.55 | 511.90 | 9.84 |
| 379.30 | 12.14 | 423.93 | 11.22 | 468.33 | 10.55 | 512.51 | 9.84 |
| 379.92 | 12.12 | 424.55 | 11.23 | 468.95 | 10.54 | 513.12 | 9.81 |
| 380.54 | 12.10 | 425.16 | 11.20 | 469.56 | 10.53 | 513.73 | 9.79 |
| 381.17 | 12.08 | 425.78 | 11.18 | 470.18 | 10.51 | 514.34 | 9.80 |
| 381.79 | 12.08 | 426.40 | 11.17 | 470.79 | 10.50 | 514.96 | 9.78 |
| 382.41 | 12.06 | 427.02 | 11.17 | 471.41 | 10.49 | 515.57 | 9.78 |
| 383.03 | 12.04 | 427.64 | 11.14 | 472.02 | 10.49 | 516.18 | 9.76 |
| 383.65 | 12.03 | 428.25 | 11.13 | 472.64 | 10.49 | 516.79 | 9.77 |
| 384.27 | 12.03 | 428.87 | 11.12 | 473.25 | 10.48 | 517.40 | 9.76 |
| 384.89 | 12.03 | 429.49 | 11.11 | 473.86 | 10.48 | 518.02 | 9.75 |
| 385.51 | 12.00 | 430.11 | 11.11 | 474.48 | 10.46 | 518.63 | 9.75 |
| 386.13 | 12.01 | 430.73 | 11.10 | 475.09 | 10.45 | 519.24 | 9.75 |
| 386.75 | 11.98 | 431.34 | 11.08 | 475.71 | 10.45 | 519.85 | 9.73 |
| 387.38 | 11.96 | 431.96 | 11.08 | 476.32 | 10.43 | 520.46 | 9.71 |
| 388.00 | 11.96 | 432.58 | 11.07 | 476.94 | 10.41 | 521.07 | 9.70 |

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|--------|------|--------|------|--------|------|--------|------|
| 521.68 | 9.70 | 565.59 | 8.94 | 609.28 | 8.31 | 652.74 | 7.65 |
| 522.30 | 9.69 | 566.20 | 8.94 | 609.88 | 8.32 | 653.34 | 7.64 |
| 522.91 | 9.67 | 566.81 | 8.92 | 610.49 | 8.30 | 653.94 | 7.64 |
| 523.52 | 9.66 | 567.42 | 8.91 | 611.09 | 8.27 | 654.54 | 7.64 |
| 524.13 | 9.66 | 568.03 | 8.91 | 611.70 | 8.26 | 655.14 | 7.61 |
| 524.74 | 9.66 | 568.63 | 8.90 | 612.30 | 8.25 | 655.75 | 7.62 |
| 525.35 | 9.65 | 569.24 | 8.91 | 612.91 | 8.24 | 656.35 | 7.59 |
| 525.96 | 9.63 | 569.85 | 8.90 | 613.51 | 8.26 | 656.95 | 7.57 |
| 526.57 | 9.62 | 570.46 | 8.91 | 614.12 | 8.23 | 657.55 | 7.57 |
| 527.19 | 9.59 | 571.07 | 8.89 | 614.72 | 8.19 | 658.15 | 7.55 |
| 527.80 | 9.58 | 571.67 | 8.86 | 615.33 | 8.17 | 658.75 | 7.56 |
| 528.41 | 9.58 | 572.28 | 8.85 | 615.93 | 8.17 | 659.36 | 7.54 |
| 529.02 | 9.56 | 572.89 | 8.85 | 616.54 | 8.16 | 659.96 | 7.52 |
| 529.63 | 9.56 | 573.50 | 8.83 | 617.14 | 8.14 | 660.56 | 7.52 |
| 530.24 | 9.55 | 574.10 | 8.83 | 617.74 | 8.15 | 661.16 | 7.52 |
| 530.85 | 9.56 | 574.71 | 8.82 | 618.35 | 8.14 | 661.76 | 7.51 |
| 531.46 | 9.54 | 575.32 | 8.82 | 618.95 | 8.15 | 662.36 | 7.49 |
| 532.07 | 9.54 | 575.93 | 8.82 | 619.56 | 8.14 | 662.96 | 7.47 |
| 532.68 | 9.55 | 576.53 | 8.80 | 620.16 | 8.13 | 663.57 | 7.46 |
| 533.29 | 9.54 | 577.14 | 8.78 | 620.77 | 8.14 | 664.17 | 7.46 |
| 533.90 | 9.54 | 577.75 | 8.78 | 621.37 | 8.11 | 664.77 | 7.45 |
| 534.51 | 9.52 | 578.36 | 8.76 | 621.98 | 8.10 | 665.37 | 7.45 |
| 535.12 | 9.51 | 578.96 | 8.74 | 622.58 | 8.08 | 665.97 | 7.45 |
| 535.73 | 9.52 | 579.57 | 8.74 | 623.18 | 8.08 | 666.57 | 7.44 |
| 536.35 | 9.50 | 580.18 | 8.73 | 623.79 | 8.06 | 667.17 | 7.42 |
| 536.96 | 9.49 | 580.79 | 8.71 | 624.39 | 8.06 | 667.77 | 7.43 |
| 537.57 | 9.49 | 581.39 | 8.72 | 625.00 | 8.06 | 668.38 | 7.42 |
| 538.18 | 9.48 | 582.00 | 8.71 | 625.60 | 8.06 | 668.98 | 7.40 |
| 538.79 | 9.46 | 582.61 | 8.68 | 626.20 | 8.03 | 669.58 | 7.40 |
| 539.40 | 9.45 | 583.21 | 8.68 | 626.81 | 8.05 | 670.18 | 7.40 |
| 540.01 | 9.43 | 583.82 | 8.68 | 627.41 | 8.04 | 670.78 | 7.40 |
| 540.62 | 9.41 | 584.43 | 8.68 | 628.02 | 8.01 | 671.38 | 7.38 |
| 541.23 | 9.41 | 585.04 | 8.66 | 628.62 | 8.02 | 671.98 | 7.39 |
| 541.84 | 9.40 | 585.64 | 8.64 | 629.22 | 8.01 | 672.58 | 7.39 |
| 542.45 | 9.38 | 586.25 | 8.65 | 629.83 | 7.99 | 673.18 | 7.37 |
| 543.06 | 9.38 | 586.86 | 8.63 | 630.43 | 7.97 | 673.78 | 7.36 |
| 543.67 | 9.37 | 587.46 | 8.61 | 631.03 | 7.96 | 674.38 | 7.37 |
| 544.28 | 9.35 | 588.07 | 8.61 | 631.64 | 7.95 | 674.98 | 7.34 |
| 544.89 | 9.33 | 588.68 | 8.61 | 632.24 | 7.95 | 675.58 | 7.34 |
| 545.50 | 9.33 | 589.28 | 8.60 | 632.84 | 7.95 | 676.18 | 7.32 |
| 546.11 | 9.31 | 589.89 | 8.60 | 633.45 | 7.94 | 676.78 | 7.31 |
| 546.71 | 9.30 | 590.50 | 8.58 | 634.05 | 7.93 | 677.38 | 7.30 |
| 547.32 | 9.29 | 591.10 | 8.58 | 634.66 | 7.91 | 677.98 | 7.31 |
| 547.93 | 9.26 | 591.71 | 8.58 | 635.26 | 7.91 | 678.58 | 7.30 |
| 548.54 | 9.24 | 592.31 | 8.58 | 635.86 | 7.89 | 679.18 | 7.28 |
| 549.15 | 9.21 | 592.92 | 8.57 | 636.47 | 7.89 | 679.79 | 7.28 |
| 549.76 | 9.20 | 593.53 | 8.57 | 637.07 | 7.87 | 680.39 | 7.27 |
| 550.37 | 9.18 | 594.13 | 8.55 | 637.67 | 7.86 | 680.99 | 7.26 |
| 550.98 | 9.19 | 594.74 | 8.55 | 638.27 | 7.87 | 681.59 | 7.27 |
| 551.59 | 9.18 | 595.35 | 8.54 | 638.88 | 7.85 | 682.19 | 7.25 |
| 552.20 | 9.18 | 595.95 | 8.53 | 639.48 | 7.85 | 682.79 | 7.24 |
| 552.81 | 9.17 | 596.56 | 8.52 | 640.08 | 7.84 | 683.38 | 7.25 |
| 553.42 | 9.16 | 597.16 | 8.51 | 640.69 | 7.83 | 683.98 | 7.23 |
| 554.03 | 9.16 | 597.77 | 8.52 | 641.29 | 7.82 | 684.58 | 7.24 |
| 554.64 | 9.15 | 598.38 | 8.51 | 641.89 | 7.82 | 685.18 | 7.24 |
| 555.25 | 9.14 | 598.98 | 8.48 | 642.50 | 7.79 | 685.78 | 7.22 |
| 555.85 | 9.12 | 599.59 | 8.47 | 643.10 | 7.78 | 686.38 | 7.23 |
| 556.46 | 9.13 | 600.19 | 8.45 | 643.70 | 7.78 | 686.98 | 7.23 |
| 557.07 | 9.10 | 600.80 | 8.45 | 644.30 | 7.76 | 687.58 | 7.22 |
| 557.68 | 9.09 | 601.41 | 8.45 | 644.91 | 7.75 | 688.18 | 7.22 |
| 558.29 | 9.06 | 602.01 | 8.43 | 645.51 | 7.76 | 688.78 | 7.21 |
| 558.90 | 9.06 | 602.62 | 8.43 | 646.11 | 7.74 | 689.38 | 7.21 |
| 559.51 | 9.03 | 603.22 | 8.43 | 646.71 | 7.75 | 689.98 | 7.20 |
| 560.12 | 9.04 | 603.83 | 8.42 | 647.32 | 7.74 | 690.58 | 7.19 |
| 560.72 | 9.03 | 604.43 | 8.42 | 647.92 | 7.73 | 691.18 | 7.20 |
| 561.33 | 9.01 | 605.04 | 8.38 | 648.52 | 7.72 | 691.78 | 7.18 |
| 561.94 | 9.00 | 605.64 | 8.36 | 649.12 | 7.70 | 692.38 | 7.18 |
| 562.55 | 8.98 | 606.25 | 8.36 | 649.73 | 7.70 | 692.98 | 7.18 |
| 563.16 | 8.97 | 606.86 | 8.34 | 650.33 | 7.68 | 693.58 | 7.17 |
| 563.77 | 8.97 | 607.46 | 8.33 | 650.93 | 7.67 | 694.18 | 7.18 |
| 564.38 | 8.96 | 608.07 | 8.33 | 651.53 | 7.68 | 694.77 | 7.17 |
| 564.98 | 8.96 | 608.67 | 8.32 | 652.13 | 7.66 | 695.37 | 7.17 |

| | | | |
|--------|------|-------------------|-----------------|
| 695.97 | 7.17 | 738.98 | 6.77 |
| 696.57 | 7.16 | 739.58 | 6.76 |
| 697.17 | 7.16 | 740.18 | 6.76 |
| 697.77 | 7.15 | 740.77 | 6.76 |
| 698.37 | 7.14 | 741.37 | 6.75 |
| 698.97 | 7.14 | 741.96 | 6.74 |
| 699.57 | 7.12 | 742.56 | 6.72 |
| 700.16 | 7.11 | 743.15 | 6.73 |
| 700.76 | 7.12 | 743.75 | 6.73 |
| 701.36 | 7.10 | 744.35 | 6.71 |
| 701.96 | 7.10 | 744.94 | 6.71 |
| 702.56 | 7.11 | 745.54 | 6.72 |
| 703.16 | 7.11 | 746.13 | 6.71 |
| 703.76 | 7.10 | 746.73 | 6.70 |
| 704.35 | 7.09 | 747.32 | 6.71 |
| 704.95 | 7.09 | 747.92 | 6.70 |
| 705.55 | 7.07 | 748.51 | 6.70 |
| 706.15 | 7.07 | 749.11 | 6.70 |
| 706.75 | 7.08 | 749.70 | 6.69 |
| 707.34 | 7.06 | 750.30 | 6.68 |
| 707.94 | 7.06 | 750.89 | 6.67 |
| 708.54 | 7.06 | 751.49 | 6.67 |
| 709.14 | 7.06 | 752.08 | 6.66 |
| 709.74 | 7.08 | 752.68 | 6.65 |
| 710.33 | 7.07 | 753.27 | 6.65 |
| 710.93 | 7.06 | 753.87 | 6.64 |
| 711.53 | 7.04 | 754.46 | 6.64 |
| 712.13 | 7.03 | 755.06 | 6.64 |
| 712.73 | 7.01 | 755.65 | 6.63 |
| 713.32 | 7.01 | 756.25 | 6.63 |
| 713.92 | 7.01 | 756.84 | 6.63 |
| 714.52 | 7.01 | 757.43 | 6.62 |
| 715.12 | 6.99 | 758.03 | 6.62 |
| 715.71 | 6.99 | 758.62 | 6.62 |
| 716.31 | 6.98 | 759.22 | 6.62 |
| 716.91 | 6.97 | 759.81 | 6.61 |
| 717.51 | 6.97 | 760.41 | 6.62 |
| 718.10 | 6.96 | 761.00 | 2.28 |
| 718.70 | 6.95 | | |
| 719.30 | 6.96 | | |
| 719.90 | 6.95 | | |
| 720.49 | 6.94 | | |
| 721.09 | 6.93 | | |
| 721.69 | 6.93 | | |
| 722.28 | 6.92 | | |
| 722.88 | 6.93 | | |
| 723.48 | 6.92 | | |
| 724.08 | 6.91 | | |
| 724.67 | 6.91 | | |
| 725.27 | 6.92 | | |
| 725.87 | 6.91 | | |
| 726.46 | 6.89 | | |
| 727.06 | 6.88 | | |
| 727.66 | 6.87 | | |
| 728.25 | 6.85 | | |
| 728.85 | 6.83 | | |
| 729.45 | 6.83 | | |
| 730.04 | 6.82 | | |
| 730.64 | 6.82 | | |
| 731.23 | 6.82 | | |
| 731.83 | 6.81 | | |
| 732.43 | 6.82 | | |
| 733.02 | 6.82 | | |
| 733.62 | 6.82 | | |
| 734.22 | 6.80 | | |
| 734.81 | 6.81 | | |
| 735.41 | 6.81 | | |
| 736.00 | 6.80 | | |
| 736.60 | 6.80 | | |
| 737.20 | 6.80 | | |
| 737.79 | 6.78 | | |
| 738.39 | 6.77 | | |

XBT-09

Cruise: 92G02
 Date: Tue Jan 28 1992, Julian day 28
 Time: 16:28:34
 Lat: 26 00n
 Lon: 92 00w
 Stn: 9

*1.20m
 XBT-09*

| | | | | | | | |
|-----------------|------------------|-------|-------|--------|-------|--------|-------|
| 0.65 | 2.20 | 41.33 | 23.24 | 81.85 | 23.21 | 122.19 | 23.19 |
| 1.20 | 23.13 | 41.98 | 23.24 | 82.49 | 23.19 | 122.83 | 23.20 |
| 1.94 | 23.13 | 42.62 | 23.24 | 83.13 | 23.19 | 123.47 | 23.20 |
| 2.59 | 23.17 | 43.27 | 23.24 | 83.77 | 23.21 | 124.11 | 23.20 |
| 3.24 | 23.16 | 43.91 | 23.23 | 84.41 | 23.19 | 124.74 | 23.20 |
| 3.88 | 23.16 | 44.55 | 23.23 | 85.05 | 23.19 | 125.38 | 23.20 |
| 4.53 | 23.16 | 45.20 | 23.24 | 85.70 | 23.20 | 126.02 | 23.20 |
| 5.18 | 23.16 | 45.84 | 23.23 | 86.34 | 23.20 | 126.66 | 23.21 |
| 5.82 | 23.17 | 46.49 | 23.24 | 86.98 | 23.20 | 127.30 | 23.20 |
| 6.47 | 23.17 | 47.13 | 23.23 | 87.62 | 23.20 | 127.94 | 23.20 |
| 7.12 | 23.17 | 47.77 | 23.22 | 88.26 | 23.21 | 128.58 | 23.20 |
| 7.76 | 23.17 | 48.42 | 23.24 | 88.90 | 23.20 | 129.21 | 23.20 |
| 8.41 | 23.16 | 49.06 | 23.24 | 89.54 | 23.20 | 129.85 | 23.20 |
| 9.06 | 23.17 | 49.71 | 23.23 | 90.18 | 23.19 | 130.49 | 23.20 |
| 9.70 | 23.16 | 50.35 | 23.24 | 90.83 | 23.20 | 131.13 | 23.20 |
| 10.35 | 23.17 | 50.99 | 23.24 | 91.47 | 23.19 | 131.77 | 23.22 |
| 11.00 | 23.17 | 51.64 | 23.22 | 92.11 | 23.19 | 132.41 | 23.20 |
| 11.64 | 23.17 | 52.28 | 23.23 | 92.75 | 23.19 | 133.04 | 23.20 |
| 12.29 | 23.17 | 52.93 | 23.23 | 93.39 | 23.20 | 133.68 | 23.20 |
| 12.94 | 23.17 | 53.57 | 23.24 | 94.03 | 23.20 | 134.32 | 23.20 |
| 13.58 | 23.17 | 54.21 | 23.24 | 94.67 | 23.19 | 134.96 | 23.20 |
| 14.23 | 23.16 | 54.86 | 23.22 | 95.31 | 23.18 | 135.60 | 23.20 |
| 14.87 | 23.17 | 55.50 | 23.21 | 95.95 | 23.19 | 136.24 | 23.20 |
| 15.52 | 23.17 | 56.14 | 23.23 | 96.59 | 23.19 | 136.87 | 23.21 |
| 16.17 | 23.18 | 56.79 | 23.23 | 97.23 | 23.19 | 137.51 | 23.20 |
| 16.81 | 23.20 | 57.43 | 23.22 | 97.88 | 23.20 | 138.15 | 23.20 |
| 17.46 | 23.22 | 58.07 | 23.23 | 98.52 | 23.19 | 138.79 | 23.20 |
| 18.10 | 23.25 | 58.72 | 23.23 | 99.16 | 23.19 | 139.43 | 23.21 |
| 18.75 | 23.26 | 59.36 | 23.22 | 99.80 | 23.20 | 140.06 | 23.19 |
| 19.40 | 23.27 | 60.00 | 23.22 | 100.44 | 23.19 | 140.70 | 23.20 |
| 20.04 | 23.26 | 60.65 | 23.22 | 101.08 | 23.21 | 141.34 | 23.19 |
| 20.69 | 23.27 | 61.29 | 23.22 | 101.72 | 23.21 | 141.98 | 23.14 |
| 21.33 | 23.27 | 61.93 | 23.21 | 102.36 | 23.21 | 142.61 | 23.02 |
| 21.98 | 23.28 | 62.58 | 23.22 | 103.00 | 23.20 | 143.25 | 22.90 |
| 22.63 | 23.28 | 63.22 | 23.22 | 103.64 | 23.20 | 143.89 | 22.83 |
| 23.27 | 23.27 | 63.86 | 23.21 | 104.28 | 23.21 | 144.53 | 22.75 |
| 23.92 | 23.27 | 64.50 | 23.22 | 104.92 | 23.19 | 145.16 | 22.68 |
| 24.56 | 23.27 | 65.15 | 23.23 | 105.56 | 23.19 | 145.80 | 22.61 |
| 25.21 | 23.27 | 65.79 | 23.22 | 106.20 | 23.19 | 146.44 | 22.47 |
| 25.85 | 23.27 | 66.43 | 23.23 | 106.84 | 23.20 | 147.08 | 22.26 |
| 26.50 | 23.28 | 67.08 | 23.22 | 107.48 | 23.19 | 147.71 | 22.13 |
| 27.14 | 23.27 | 67.72 | 23.22 | 108.12 | 23.20 | 148.35 | 22.03 |
| 27.79 | 23.26 | 68.36 | 23.23 | 108.76 | 23.19 | 148.99 | 21.95 |
| 28.43 | 23.27 | 69.00 | 23.23 | 109.40 | 23.21 | 149.62 | 21.84 |
| 29.08 | 23.27 | 69.65 | 23.22 | 110.04 | 23.19 | 150.26 | 21.77 |
| 29.73 | 23.27 | 70.29 | 23.20 | 110.68 | 23.20 | 150.90 | 21.70 |
| 30.37 | 23.28 | 70.93 | 23.22 | 111.32 | 23.19 | 151.54 | 21.62 |
| 31.02 | 23.27 | 71.57 | 23.20 | 111.96 | 23.21 | 152.17 | 21.52 |
| 31.66 | 23.27 | 72.22 | 23.20 | 112.60 | 23.20 | 152.81 | 21.47 |
| 32.31 | 23.25 | 72.86 | 23.21 | 113.24 | 23.20 | 153.45 | 21.45 |
| 32.95 | 23.26 | 73.50 | 23.20 | 113.88 | 23.20 | 154.08 | 21.45 |
| 33.60 | 23.26 | 74.14 | 23.19 | 114.52 | 23.20 | 154.72 | 21.51 |
| 34.24 | 23.25 | 74.78 | 23.20 | 115.16 | 23.20 | 155.36 | 21.54 |
| 34.89 | 23.26 | 75.43 | 23.21 | 115.80 | 23.20 | 155.99 | 21.59 |
| 35.53 | 23.26 | 76.07 | 23.20 | 116.44 | 23.19 | 156.63 | 21.66 |
| 36.18 | 23.26 | 76.71 | 23.20 | 117.07 | 23.19 | 157.27 | 21.71 |
| 36.82 | 23.26 | 77.35 | 23.21 | 117.71 | 23.20 | 157.90 | 21.74 |
| 37.46 | 23.26 | 77.99 | 23.21 | 118.35 | 23.20 | 158.54 | 21.79 |
| 38.11 | 23.25 | 78.64 | 23.21 | 118.99 | 23.19 | 159.18 | 21.80 |
| 38.75 | 23.25 | 79.28 | 23.20 | 119.63 | 23.20 | 159.81 | 21.81 |
| 39.40 | 23.24 | 79.92 | 23.20 | 120.27 | 23.19 | 160.45 | 21.80 |
| 40.04 | 23.25 | 80.56 | 23.21 | 120.91 | 23.19 | 161.09 | 21.79 |
| 40.69 | 23.25 | 81.20 | 23.21 | 121.55 | 23.21 | 161.72 | 21.76 |

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|--------|-------|--------|-------|--------|-------|--------|-------|
| 162.36 | 21.73 | 208.06 | 18.58 | 253.53 | 16.51 | 298.79 | 14.73 |
| 163.00 | 21.71 | 208.69 | 18.55 | 254.16 | 16.49 | 299.41 | 14.71 |
| 163.63 | 21.65 | 209.32 | 18.53 | 254.79 | 16.45 | 300.04 | 14.70 |
| 164.27 | 21.59 | 209.96 | 18.48 | 255.42 | 16.44 | 300.67 | 14.68 |
| 164.90 | 21.55 | 210.59 | 18.48 | 256.05 | 16.41 | 301.29 | 14.68 |
| 165.54 | 21.50 | 211.22 | 18.46 | 256.68 | 16.38 | 301.92 | 14.67 |
| 166.18 | 21.44 | 211.86 | 18.45 | 257.31 | 16.37 | 302.55 | 14.63 |
| 166.81 | 21.38 | 212.49 | 18.45 | 257.94 | 16.35 | 303.17 | 14.60 |
| 167.45 | 21.30 | 213.12 | 18.37 | 258.57 | 16.33 | 303.80 | 14.55 |
| 168.08 | 21.19 | 213.76 | 18.31 | 259.20 | 16.32 | 304.43 | 14.53 |
| 168.72 | 21.08 | 214.39 | 18.26 | 259.83 | 16.30 | 305.05 | 14.52 |
| 169.36 | 21.01 | 215.02 | 18.21 | 260.46 | 16.28 | 305.68 | 14.50 |
| 169.99 | 20.95 | 215.65 | 18.16 | 261.09 | 16.25 | 306.31 | 14.49 |
| 170.63 | 20.89 | 216.29 | 18.14 | 261.72 | 16.17 | 306.93 | 14.50 |
| 171.26 | 20.84 | 216.92 | 18.11 | 262.35 | 16.13 | 307.56 | 14.47 |
| 171.90 | 20.78 | 217.55 | 18.08 | 262.98 | 16.10 | 308.18 | 14.45 |
| 172.53 | 20.77 | 218.18 | 18.05 | 263.61 | 16.09 | 308.81 | 14.45 |
| 173.17 | 20.78 | 218.82 | 18.04 | 264.24 | 16.08 | 309.44 | 14.41 |
| 173.80 | 20.80 | 219.45 | 17.99 | 264.87 | 16.06 | 310.06 | 14.39 |
| 174.44 | 20.83 | 220.08 | 17.96 | 265.50 | 16.04 | 310.69 | 14.37 |
| 175.08 | 20.79 | 220.71 | 17.91 | 266.13 | 16.01 | 311.32 | 14.35 |
| 175.71 | 20.74 | 221.35 | 17.89 | 266.76 | 15.98 | 311.94 | 14.35 |
| 176.35 | 20.69 | 221.98 | 17.90 | 267.38 | 15.93 | 312.57 | 14.33 |
| 176.98 | 20.65 | 222.61 | 17.87 | 268.01 | 15.92 | 313.19 | 14.29 |
| 177.62 | 20.61 | 223.24 | 17.87 | 268.64 | 15.91 | 313.82 | 14.28 |
| 178.25 | 20.59 | 223.87 | 17.88 | 269.27 | 15.88 | 314.45 | 14.26 |
| 178.89 | 20.55 | 224.51 | 17.83 | 269.90 | 15.86 | 315.07 | 14.25 |
| 179.52 | 20.47 | 225.14 | 17.79 | 270.53 | 15.84 | 315.70 | 14.25 |
| 180.16 | 20.37 | 225.77 | 17.77 | 271.16 | 15.83 | 316.32 | 14.22 |
| 180.79 | 20.31 | 226.40 | 17.74 | 271.79 | 15.81 | 316.95 | 14.21 |
| 181.43 | 20.26 | 227.03 | 17.69 | 272.42 | 15.79 | 317.57 | 14.19 |
| 182.06 | 20.20 | 227.67 | 17.66 | 273.04 | 15.78 | 318.20 | 14.18 |
| 182.70 | 20.14 | 228.30 | 17.65 | 273.67 | 15.75 | 318.83 | 14.12 |
| 183.33 | 20.08 | 228.93 | 17.63 | 274.30 | 15.75 | 319.45 | 14.07 |
| 183.97 | 20.04 | 229.56 | 17.62 | 274.93 | 15.74 | 320.08 | 14.05 |
| 184.60 | 20.00 | 230.19 | 17.58 | 275.56 | 15.69 | 320.70 | 14.02 |
| 185.24 | 19.93 | 230.82 | 17.56 | 276.19 | 15.66 | 321.33 | 14.00 |
| 185.87 | 19.88 | 231.46 | 17.49 | 276.82 | 15.61 | 321.95 | 13.98 |
| 186.51 | 19.84 | 232.09 | 17.45 | 277.44 | 15.58 | 322.58 | 13.97 |
| 187.14 | 19.79 | 232.72 | 17.41 | 278.07 | 15.57 | 323.20 | 13.95 |
| 187.78 | 19.73 | 233.35 | 17.38 | 278.70 | 15.55 | 323.83 | 13.94 |
| 188.41 | 19.72 | 233.98 | 17.34 | 279.33 | 15.51 | 324.45 | 13.93 |
| 189.04 | 19.71 | 234.61 | 17.31 | 279.96 | 15.49 | 325.08 | 13.89 |
| 189.68 | 19.69 | 235.24 | 17.26 | 280.59 | 15.48 | 325.70 | 13.85 |
| 190.31 | 19.67 | 235.88 | 17.20 | 281.21 | 15.44 | 326.33 | 13.84 |
| 190.95 | 19.63 | 236.51 | 17.18 | 281.84 | 15.41 | 326.95 | 13.83 |
| 191.58 | 19.54 | 237.14 | 17.14 | 282.47 | 15.39 | 327.58 | 13.81 |
| 192.22 | 19.45 | 237.77 | 17.09 | 283.10 | 15.36 | 328.20 | 13.76 |
| 192.85 | 19.37 | 238.40 | 17.06 | 283.73 | 15.35 | 328.83 | 13.77 |
| 193.48 | 19.34 | 239.03 | 17.04 | 284.35 | 15.33 | 329.45 | 13.71 |
| 194.12 | 19.31 | 239.66 | 17.02 | 284.98 | 15.32 | 330.08 | 13.70 |
| 194.75 | 19.28 | 240.29 | 17.00 | 285.61 | 15.30 | 330.70 | 13.68 |
| 195.39 | 19.24 | 240.92 | 16.96 | 286.24 | 15.29 | 331.33 | 13.66 |
| 196.02 | 19.20 | 241.56 | 16.92 | 286.87 | 15.24 | 331.95 | 13.64 |
| 196.65 | 19.17 | 242.19 | 16.91 | 287.49 | 15.21 | 332.58 | 13.63 |
| 197.29 | 19.12 | 242.82 | 16.90 | 288.12 | 15.17 | 333.20 | 13.62 |
| 197.92 | 19.09 | 243.45 | 16.89 | 288.75 | 15.16 | 333.83 | 13.57 |
| 198.56 | 19.09 | 244.08 | 16.88 | 289.38 | 15.13 | 334.45 | 13.52 |
| 199.19 | 19.10 | 244.71 | 16.88 | 290.00 | 15.13 | 335.08 | 13.49 |
| 199.82 | 19.09 | 245.34 | 16.87 | 290.63 | 15.07 | 335.70 | 13.48 |
| 200.46 | 19.07 | 245.97 | 16.84 | 291.26 | 15.04 | 336.32 | 13.46 |
| 201.09 | 19.06 | 246.60 | 16.83 | 291.89 | 15.01 | 336.95 | 13.41 |
| 201.72 | 19.04 | 247.23 | 16.81 | 292.51 | 14.99 | 337.57 | 13.37 |
| 202.36 | 19.01 | 247.86 | 16.78 | 293.14 | 14.96 | 338.20 | 13.35 |
| 202.99 | 18.96 | 248.49 | 16.75 | 293.77 | 14.95 | 338.82 | 13.34 |
| 203.63 | 18.89 | 249.12 | 16.73 | 294.40 | 14.93 | 339.45 | 13.33 |
| 204.26 | 18.80 | 249.75 | 16.69 | 295.02 | 14.89 | 340.07 | 13.32 |
| 204.89 | 18.73 | 250.38 | 16.65 | 295.65 | 14.85 | 340.69 | 13.31 |
| 205.53 | 18.70 | 251.01 | 16.60 | 296.28 | 14.83 | 341.32 | 13.30 |
| 206.16 | 18.67 | 251.64 | 16.58 | 296.90 | 14.81 | 341.94 | 13.29 |
| 206.79 | 18.64 | 252.27 | 16.56 | 297.53 | 14.77 | 342.57 | 13.27 |
| 207.43 | 18.61 | 252.90 | 16.52 | 298.16 | 14.76 | 343.19 | 13.26 |

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|--------|-------|--------|-------|--------|-------|--------|-------|
| 343.81 | 13.23 | 388.62 | 11.89 | 433.20 | 10.82 | 477.55 | 10.05 |
| 344.44 | 13.22 | 389.24 | 11.89 | 433.81 | 10.83 | 478.17 | 10.02 |
| 345.06 | 13.20 | 389.86 | 11.87 | 434.43 | 10.82 | 478.78 | 10.01 |
| 345.68 | 13.17 | 390.48 | 11.87 | 435.05 | 10.81 | 479.40 | 9.99 |
| 346.31 | 13.15 | 391.10 | 11.85 | 435.67 | 10.80 | 480.01 | 10.01 |
| 346.93 | 13.11 | 391.72 | 11.84 | 436.28 | 10.77 | 480.62 | 10.00 |
| 347.56 | 13.08 | 392.34 | 11.84 | 436.90 | 10.76 | 481.24 | 9.98 |
| 348.18 | 13.07 | 392.96 | 11.82 | 437.52 | 10.76 | 481.85 | 9.97 |
| 348.80 | 13.06 | 393.58 | 11.81 | 438.14 | 10.76 | 482.47 | 9.97 |
| 349.43 | 13.06 | 394.20 | 11.76 | 438.75 | 10.75 | 483.08 | 9.95 |
| 350.05 | 13.02 | 394.82 | 11.74 | 439.37 | 10.74 | 483.70 | 9.92 |
| 350.67 | 12.98 | 395.44 | 11.72 | 439.99 | 10.72 | 484.31 | 9.92 |
| 351.30 | 12.94 | 396.06 | 11.68 | 440.60 | 10.68 | 484.92 | 9.90 |
| 351.92 | 12.93 | 396.68 | 11.67 | 441.22 | 10.65 | 485.54 | 9.90 |
| 352.54 | 12.93 | 397.30 | 11.66 | 441.84 | 10.63 | 486.15 | 9.88 |
| 353.17 | 12.92 | 397.92 | 11.63 | 442.46 | 10.60 | 486.77 | 9.87 |
| 353.79 | 12.93 | 398.54 | 11.60 | 443.07 | 10.59 | 487.38 | 9.87 |
| 354.41 | 12.91 | 399.16 | 11.58 | 443.69 | 10.57 | 487.99 | 9.88 |
| 355.04 | 12.86 | 399.78 | 11.56 | 444.31 | 10.55 | 488.61 | 9.87 |
| 355.66 | 12.83 | 400.40 | 11.51 | 444.92 | 10.55 | 489.22 | 9.86 |
| 356.28 | 12.78 | 401.02 | 11.49 | 445.54 | 10.54 | 489.83 | 9.86 |
| 356.90 | 12.75 | 401.64 | 11.47 | 446.16 | 10.54 | 490.45 | 9.83 |
| 357.53 | 12.71 | 402.26 | 11.45 | 446.77 | 10.53 | 491.06 | 9.80 |
| 358.15 | 12.68 | 402.88 | 11.45 | 447.39 | 10.52 | 491.67 | 9.78 |
| 358.77 | 12.66 | 403.50 | 11.43 | 448.01 | 10.51 | 492.29 | 9.77 |
| 359.40 | 12.64 | 404.12 | 11.41 | 448.62 | 10.51 | 492.90 | 9.77 |
| 360.02 | 12.64 | 404.74 | 11.39 | 449.24 | 10.47 | 493.51 | 9.77 |
| 360.64 | 12.65 | 405.36 | 11.36 | 449.86 | 10.45 | 494.13 | 9.77 |
| 361.26 | 12.61 | 405.98 | 11.32 | 450.47 | 10.44 | 494.74 | 9.76 |
| 361.89 | 12.60 | 406.60 | 11.31 | 451.09 | 10.42 | 495.35 | 9.77 |
| 362.51 | 12.57 | 407.22 | 11.30 | 451.71 | 10.42 | 495.97 | 9.74 |
| 363.13 | 12.56 | 407.84 | 11.29 | 452.32 | 10.41 | 496.58 | 9.74 |
| 363.75 | 12.56 | 408.46 | 11.29 | 452.94 | 10.41 | 497.19 | 9.74 |
| 364.38 | 12.55 | 409.08 | 11.27 | 453.55 | 10.41 | 497.81 | 9.72 |
| 365.00 | 12.54 | 409.70 | 11.26 | 454.17 | 10.41 | 498.42 | 9.71 |
| 365.62 | 12.55 | 410.32 | 11.26 | 454.79 | 10.39 | 499.03 | 9.69 |
| 366.24 | 12.55 | 410.93 | 11.25 | 455.40 | 10.37 | 499.65 | 9.68 |
| 366.87 | 12.54 | 411.55 | 11.24 | 456.02 | 10.37 | 500.26 | 9.66 |
| 367.49 | 12.50 | 412.17 | 11.23 | 456.63 | 10.35 | 500.87 | 9.63 |
| 368.11 | 12.49 | 412.79 | 11.23 | 457.25 | 10.34 | 501.49 | 9.62 |
| 368.73 | 12.45 | 413.41 | 11.21 | 457.87 | 10.35 | 502.10 | 9.62 |
| 369.35 | 12.43 | 414.03 | 11.20 | 458.48 | 10.32 | 502.71 | 9.59 |
| 369.98 | 12.41 | 414.65 | 11.19 | 459.10 | 10.31 | 503.32 | 9.58 |
| 370.60 | 12.40 | 415.27 | 11.19 | 459.71 | 10.30 | 503.94 | 9.55 |
| 371.22 | 12.38 | 415.89 | 11.19 | 460.33 | 10.30 | 504.55 | 9.55 |
| 371.84 | 12.38 | 416.51 | 11.18 | 460.95 | 10.30 | 505.16 | 9.54 |
| 372.46 | 12.36 | 417.12 | 11.17 | 461.56 | 10.27 | 505.77 | 9.53 |
| 373.09 | 12.35 | 417.74 | 11.15 | 462.18 | 10.27 | 506.39 | 9.52 |
| 373.71 | 12.32 | 418.36 | 11.13 | 462.79 | 10.27 | 507.00 | 9.52 |
| 374.33 | 12.30 | 418.98 | 11.11 | 463.41 | 10.27 | 507.61 | 9.51 |
| 374.95 | 12.29 | 419.60 | 11.10 | 464.02 | 10.26 | 508.22 | 9.50 |
| 375.57 | 12.27 | 420.22 | 11.08 | 464.64 | 10.26 | 508.84 | 9.50 |
| 376.19 | 12.26 | 420.84 | 11.06 | 465.25 | 10.25 | 509.45 | 9.49 |
| 376.82 | 12.25 | 421.45 | 11.05 | 465.87 | 10.23 | 510.06 | 9.48 |
| 377.44 | 12.23 | 422.07 | 11.03 | 466.48 | 10.23 | 510.67 | 9.46 |
| 378.06 | 12.22 | 422.69 | 11.03 | 467.10 | 10.22 | 511.28 | 9.45 |
| 378.68 | 12.20 | 423.31 | 11.02 | 467.72 | 10.20 | 511.90 | 9.46 |
| 379.30 | 12.17 | 423.93 | 11.00 | 468.33 | 10.18 | 512.51 | 9.46 |
| 379.92 | 12.17 | 424.55 | 10.99 | 468.95 | 10.18 | 513.12 | 9.44 |
| 380.54 | 12.16 | 425.16 | 10.98 | 469.56 | 10.16 | 513.73 | 9.46 |
| 381.17 | 12.15 | 425.78 | 10.98 | 470.18 | 10.16 | 514.34 | 9.45 |
| 381.79 | 12.15 | 426.40 | 10.96 | 470.79 | 10.16 | 514.96 | 9.45 |
| 382.41 | 12.12 | 427.02 | 10.96 | 471.41 | 10.16 | 515.57 | 9.43 |
| 383.03 | 12.09 | 427.64 | 10.94 | 472.02 | 10.14 | 516.18 | 9.40 |
| 383.65 | 12.07 | 428.25 | 10.91 | 472.64 | 10.13 | 516.79 | 9.39 |
| 384.27 | 12.03 | 428.87 | 10.90 | 473.25 | 10.12 | 517.40 | 9.40 |
| 384.89 | 12.01 | 429.49 | 10.87 | 473.86 | 10.12 | 518.02 | 9.39 |
| 385.51 | 11.99 | 430.11 | 10.88 | 474.48 | 10.09 | 518.63 | 9.39 |
| 386.13 | 11.98 | 430.73 | 10.87 | 475.09 | 10.08 | 519.24 | 9.38 |
| 386.75 | 11.96 | 431.34 | 10.84 | 475.71 | 10.07 | 519.85 | 9.37 |
| 387.38 | 11.94 | 431.96 | 10.83 | 476.32 | 10.05 | 520.46 | 9.36 |
| 388.00 | 11.91 | 432.58 | 10.83 | 476.94 | 10.04 | 521.07 | 9.35 |

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|--------|------|--------|------|--------|------|--------|------|
| 521.68 | 9.34 | 565.59 | 8.73 | 609.28 | 8.12 | 652.74 | 7.64 |
| 522.30 | 9.34 | 566.20 | 8.72 | 609.88 | 8.13 | 653.34 | 7.65 |
| 522.91 | 9.35 | 566.81 | 8.71 | 610.49 | 8.12 | 653.94 | 7.63 |
| 523.52 | 9.34 | 567.42 | 8.70 | 611.09 | 8.11 | 654.54 | 7.62 |
| 524.13 | 9.34 | 568.03 | 8.69 | 611.70 | 8.11 | 655.14 | 7.61 |
| 524.74 | 9.34 | 568.63 | 8.69 | 612.30 | 8.10 | 655.75 | 7.61 |
| 525.35 | 9.32 | 569.24 | 8.70 | 612.91 | 8.10 | 656.35 | 7.60 |
| 525.96 | 9.33 | 569.85 | 8.66 | 613.51 | 8.09 | 656.95 | 7.60 |
| 526.57 | 9.33 | 570.46 | 8.66 | 614.12 | 8.07 | 657.55 | 7.60 |
| 527.19 | 9.31 | 571.07 | 8.65 | 614.72 | 8.06 | 658.15 | 7.58 |
| 527.80 | 9.29 | 571.67 | 8.63 | 615.33 | 8.06 | 658.75 | 7.58 |
| 528.41 | 9.28 | 572.28 | 8.63 | 615.93 | 8.04 | 659.36 | 7.58 |
| 529.02 | 9.28 | 572.89 | 8.63 | 616.54 | 8.04 | 659.96 | 7.54 |
| 529.63 | 9.29 | 573.50 | 8.62 | 617.14 | 8.05 | 660.56 | 7.54 |
| 530.24 | 9.27 | 574.10 | 8.59 | 617.74 | 8.04 | 661.16 | 7.53 |
| 530.85 | 9.26 | 574.71 | 8.61 | 618.35 | 8.04 | 661.76 | 7.53 |
| 531.46 | 9.25 | 575.32 | 8.59 | 618.95 | 8.02 | 662.36 | 7.53 |
| 532.07 | 9.22 | 575.93 | 8.57 | 619.56 | 8.00 | 662.96 | 7.51 |
| 532.68 | 9.22 | 576.53 | 8.56 | 620.16 | 7.99 | 663.57 | 7.50 |
| 533.29 | 9.22 | 577.14 | 8.54 | 620.77 | 7.97 | 664.17 | 7.48 |
| 533.90 | 9.21 | 577.75 | 8.54 | 621.37 | 7.97 | 664.77 | 7.45 |
| 534.51 | 9.20 | 578.36 | 8.54 | 621.98 | 7.95 | 665.37 | 7.46 |
| 535.12 | 9.19 | 578.96 | 8.54 | 622.58 | 7.95 | 665.97 | 7.46 |
| 535.73 | 9.18 | 579.57 | 8.52 | 623.18 | 7.95 | 666.57 | 7.45 |
| 536.35 | 9.16 | 580.18 | 8.51 | 623.79 | 7.95 | 667.17 | 7.44 |
| 536.96 | 9.19 | 580.79 | 8.51 | 624.39 | 7.93 | 667.77 | 7.43 |
| 537.57 | 9.16 | 581.39 | 8.50 | 625.00 | 7.92 | 668.38 | 7.42 |
| 538.18 | 9.15 | 582.00 | 8.50 | 625.60 | 7.89 | 668.98 | 7.42 |
| 538.79 | 9.14 | 582.61 | 8.49 | 626.20 | 7.88 | 669.58 | 7.39 |
| 539.40 | 9.12 | 583.21 | 8.46 | 626.81 | 7.87 | 670.18 | 7.37 |
| 540.01 | 9.12 | 583.82 | 8.46 | 627.41 | 7.88 | 670.78 | 7.36 |
| 540.62 | 9.10 | 584.43 | 8.48 | 628.02 | 7.87 | 671.38 | 7.36 |
| 541.23 | 9.12 | 585.04 | 8.47 | 628.62 | 7.87 | 671.98 | 7.34 |
| 541.84 | 9.09 | 585.64 | 8.45 | 629.22 | 7.87 | 672.58 | 7.33 |
| 542.45 | 9.11 | 586.25 | 8.44 | 629.83 | 7.84 | 673.18 | 7.33 |
| 543.06 | 9.08 | 586.86 | 8.41 | 630.43 | 7.84 | 673.78 | 7.33 |
| 543.67 | 9.10 | 587.46 | 8.42 | 631.03 | 7.84 | 674.38 | 7.31 |
| 544.28 | 9.08 | 588.07 | 8.40 | 631.64 | 7.85 | 674.98 | 7.31 |
| 544.89 | 9.09 | 588.68 | 8.40 | 632.24 | 7.85 | 675.58 | 7.30 |
| 545.50 | 9.09 | 589.28 | 8.41 | 632.84 | 7.83 | 676.18 | 7.29 |
| 546.11 | 9.07 | 589.89 | 8.39 | 633.45 | 7.81 | 676.78 | 7.28 |
| 546.71 | 9.07 | 590.50 | 8.37 | 634.05 | 7.81 | 677.38 | 7.28 |
| 547.32 | 9.02 | 591.10 | 8.36 | 634.66 | 7.82 | 677.98 | 7.28 |
| 547.93 | 9.01 | 591.71 | 8.35 | 635.26 | 7.81 | 678.58 | 7.27 |
| 548.54 | 8.99 | 592.31 | 8.35 | 635.86 | 7.81 | 679.18 | 7.26 |
| 549.15 | 8.99 | 592.92 | 8.37 | 636.47 | 7.79 | 679.79 | 7.24 |
| 549.76 | 8.98 | 593.53 | 8.33 | 637.07 | 7.79 | 680.39 | 7.23 |
| 550.37 | 8.97 | 594.13 | 8.34 | 637.67 | 7.77 | 680.99 | 7.23 |
| 550.98 | 8.95 | 594.74 | 8.32 | 638.27 | 7.75 | 681.59 | 7.25 |
| 551.59 | 8.95 | 595.35 | 8.29 | 638.88 | 7.75 | 682.19 | 7.22 |
| 552.20 | 8.93 | 595.95 | 8.30 | 639.48 | 7.74 | 682.79 | 7.21 |
| 552.81 | 8.94 | 596.56 | 8.28 | 640.08 | 7.74 | 683.38 | 7.23 |
| 553.42 | 8.90 | 597.16 | 8.29 | 640.69 | 7.73 | 683.98 | 7.21 |
| 554.03 | 8.90 | 597.77 | 8.29 | 641.29 | 7.73 | 684.58 | 7.21 |
| 554.64 | 8.89 | 598.38 | 8.25 | 641.89 | 7.73 | 685.18 | 7.20 |
| 555.25 | 8.88 | 598.98 | 8.26 | 642.50 | 7.72 | 685.78 | 7.21 |
| 555.85 | 8.87 | 599.59 | 8.25 | 643.10 | 7.71 | 686.38 | 7.18 |
| 556.46 | 8.86 | 600.19 | 8.25 | 643.70 | 7.71 | 686.98 | 7.17 |
| 557.07 | 8.87 | 600.80 | 8.23 | 644.30 | 7.71 | 687.58 | 7.17 |
| 557.68 | 8.85 | 601.41 | 8.22 | 644.91 | 7.71 | 688.18 | 7.17 |
| 558.29 | 8.85 | 602.01 | 8.22 | 645.51 | 7.69 | 688.78 | 7.15 |
| 558.90 | 8.82 | 602.62 | 8.21 | 646.11 | 7.70 | 689.38 | 7.16 |
| 559.51 | 8.83 | 603.22 | 8.19 | 646.71 | 7.69 | 689.98 | 7.15 |
| 560.12 | 8.82 | 603.83 | 8.19 | 647.32 | 7.67 | 690.58 | 7.16 |
| 560.72 | 8.80 | 604.43 | 8.18 | 647.92 | 7.65 | 691.18 | 7.14 |
| 561.33 | 8.80 | 605.04 | 8.17 | 648.52 | 7.66 | 691.78 | 7.13 |
| 561.94 | 8.78 | 605.64 | 8.15 | 649.12 | 7.66 | 692.38 | 7.13 |
| 562.55 | 8.80 | 606.25 | 8.15 | 649.73 | 7.66 | 692.98 | 7.13 |
| 563.16 | 8.77 | 606.86 | 8.15 | 650.33 | 7.67 | 693.58 | 7.12 |
| 563.77 | 8.76 | 607.46 | 8.15 | 650.93 | 7.66 | 694.18 | 7.11 |
| 564.38 | 8.74 | 608.07 | 8.14 | 651.53 | 7.66 | 694.77 | 7.11 |
| 564.98 | 8.73 | 608.67 | 8.13 | 652.13 | 7.65 | 695.37 | 7.09 |

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|--------|------|-------------------|-----------------|
| 695.97 | 7.09 | 738.98 | 6.69 |
| 696.57 | 7.08 | 739.58 | 6.69 |
| 697.17 | 7.07 | 740.18 | 6.70 |
| 697.77 | 7.07 | 740.77 | 6.68 |
| 698.37 | 7.06 | 741.37 | 6.68 |
| 698.97 | 7.06 | 741.96 | 6.67 |
| 699.57 | 7.04 | 742.56 | 6.67 |
| 700.16 | 7.04 | 743.15 | 6.65 |
| 700.76 | 7.03 | 743.75 | 6.64 |
| 701.36 | 7.03 | 744.35 | 6.63 |
| 701.96 | 7.01 | 744.94 | 6.62 |
| 702.56 | 7.00 | 745.54 | 6.59 |
| 703.16 | 6.99 | 746.13 | 6.58 |
| 703.76 | 6.99 | 746.73 | 6.59 |
| 704.35 | 6.98 | 747.32 | 6.58 |
| 704.95 | 6.97 | 747.92 | 6.58 |
| 705.55 | 6.96 | 748.51 | 6.59 |
| 706.15 | 6.96 | 749.11 | 6.57 |
| 706.75 | 6.97 | 749.70 | 6.57 |
| 707.34 | 6.96 | 750.30 | 6.57 |
| 707.94 | 6.94 | 750.89 | 6.56 |
| 708.54 | 6.94 | 751.49 | 6.54 |
| 709.14 | 6.94 | 752.08 | 6.54 |
| 709.74 | 6.93 | 752.68 | 6.54 |
| 710.33 | 6.91 | 753.27 | 6.52 |
| 710.93 | 6.92 | 753.87 | 6.53 |
| 711.53 | 6.93 | 754.46 | 6.51 |
| 712.13 | 6.93 | 755.06 | 6.50 |
| 712.73 | 6.92 | 755.65 | 6.50 |
| 713.32 | 6.90 | 756.25 | 6.51 |
| 713.92 | 6.90 | 756.84 | 6.49 |
| 714.52 | 6.90 | 757.43 | 6.49 |
| 715.12 | 6.89 | 758.03 | 6.48 |
| 715.71 | 6.89 | 758.62 | 6.49 |
| 716.31 | 6.88 | 759.22 | 6.48 |
| 716.91 | 6.88 | 759.81 | 6.46 |
| 717.51 | 6.88 | 760.41 | 6.45 |
| 718.10 | 6.87 | 761.00 | 2.20 |
| 718.70 | 6.86 | | |
| 719.30 | 6.86 | | |
| 719.90 | 6.84 | | |
| 720.49 | 6.83 | | |
| 721.09 | 6.83 | | |
| 721.69 | 6.82 | | |
| 722.28 | 6.83 | | |
| 722.88 | 6.83 | | |
| 723.48 | 6.83 | | |
| 724.08 | 6.82 | | |
| 724.67 | 6.80 | | |
| 725.27 | 6.80 | | |
| 725.87 | 6.79 | | |
| 726.46 | 6.79 | | |
| 727.06 | 6.78 | | |
| 727.66 | 6.78 | | |
| 728.25 | 6.77 | | |
| 728.85 | 6.76 | | |
| 729.45 | 6.77 | | |
| 730.04 | 6.75 | | |
| 730.64 | 6.75 | | |
| 731.23 | 6.76 | | |
| 731.83 | 6.76 | | |
| 732.43 | 6.76 | | |
| 733.02 | 6.75 | | |
| 733.62 | 6.73 | | |
| 734.22 | 6.73 | | |
| 734.81 | 6.72 | | |
| 735.41 | 6.74 | | |
| 736.00 | 6.72 | | |
| 736.60 | 6.72 | | |
| 737.20 | 6.72 | | |
| 737.79 | 6.69 | | |
| 738.39 | 6.70 | | |

XBT-10

Cruise: 92G02
Date: Tue Jan 28 1992, Julian day 28
Time: 20:02:36
Lat: 26 15.899n
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~~0.65 2.19~~
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|-----------------|------------------|-------|-------|--------|-------|--------|-------|
| 0.65 | 2.19 | 41.33 | 23.05 | 81.85 | 22.63 | 122.19 | 22.57 |
| 1.29 | 22.92 | 41.98 | 23.05 | 82.49 | 22.63 | 122.83 | 22.55 |
| 1.84 | 23.07 | 42.62 | 23.04 | 83.13 | 22.63 | 123.47 | 22.51 |
| 2.59 | 23.10 | 43.27 | 23.05 | 83.77 | 22.63 | 124.11 | 22.45 |
| 3.24 | 23.13 | 43.91 | 23.04 | 84.41 | 22.63 | 124.74 | 22.36 |
| 3.88 | 23.12 | 44.55 | 23.04 | 85.05 | 22.62 | 125.38 | 22.22 |
| 4.53 | 23.13 | 45.20 | 23.05 | 85.70 | 22.61 | 126.02 | 22.11 |
| 5.18 | 23.14 | 45.84 | 23.05 | 86.34 | 22.62 | 126.66 | 22.07 |
| 5.82 | 23.14 | 46.49 | 23.04 | 86.98 | 22.61 | 127.30 | 22.06 |
| 6.47 | 23.13 | 47.13 | 23.04 | 87.62 | 22.61 | 127.94 | 22.06 |
| 7.12 | 23.14 | 47.77 | 23.04 | 88.26 | 22.61 | 128.58 | 22.04 |
| 7.76 | 23.13 | 48.42 | 23.03 | 88.90 | 22.60 | 129.21 | 21.99 |
| 8.41 | 23.14 | 49.06 | 23.00 | 89.54 | 22.61 | 129.85 | 21.88 |
| 9.06 | 23.13 | 49.71 | 23.03 | 90.18 | 22.60 | 130.49 | 21.82 |
| 9.70 | 23.14 | 50.35 | 23.02 | 90.83 | 22.59 | 131.13 | 21.72 |
| 10.35 | 23.14 | 50.99 | 23.00 | 91.47 | 22.60 | 131.77 | 21.65 |
| 11.00 | 23.14 | 51.64 | 23.00 | 92.11 | 22.59 | 132.41 | 21.61 |
| 11.64 | 23.13 | 52.28 | 23.01 | 92.75 | 22.59 | 133.04 | 21.50 |
| 12.29 | 23.13 | 52.93 | 23.01 | 93.39 | 22.59 | 133.68 | 21.38 |
| 12.94 | 23.14 | 53.57 | 23.00 | 94.03 | 22.59 | 134.32 | 21.26 |
| 13.58 | 23.13 | 54.21 | 23.01 | 94.67 | 22.59 | 134.96 | 21.13 |
| 14.23 | 23.13 | 54.86 | 22.99 | 95.31 | 22.59 | 135.60 | 21.05 |
| 14.87 | 23.14 | 55.50 | 22.98 | 95.95 | 22.59 | 136.24 | 21.06 |
| 15.52 | 23.13 | 56.14 | 22.98 | 96.59 | 22.59 | 136.87 | 21.04 |
| 16.17 | 23.14 | 56.79 | 22.98 | 97.23 | 22.59 | 137.51 | 21.03 |
| 16.81 | 23.13 | 57.43 | 22.96 | 97.88 | 22.59 | 138.15 | 21.01 |
| 17.46 | 23.14 | 58.07 | 22.93 | 98.52 | 22.59 | 138.79 | 20.98 |
| 18.10 | 23.13 | 58.72 | 22.93 | 99.16 | 22.58 | 139.43 | 20.94 |
| 18.75 | 23.13 | 59.36 | 22.93 | 99.80 | 22.59 | 140.06 | 20.87 |
| 19.40 | 23.14 | 60.00 | 22.91 | 100.44 | 22.59 | 140.70 | 20.78 |
| 20.04 | 23.13 | 60.65 | 22.92 | 101.08 | 22.59 | 141.34 | 20.73 |
| 20.69 | 23.14 | 61.29 | 22.92 | 101.72 | 22.59 | 141.98 | 20.66 |
| 21.33 | 23.13 | 61.93 | 22.92 | 102.36 | 22.59 | 142.61 | 20.60 |
| 21.98 | 23.13 | 62.58 | 22.92 | 103.00 | 22.59 | 143.25 | 20.56 |
| 22.63 | 23.14 | 63.22 | 22.91 | 103.64 | 22.59 | 143.89 | 20.54 |
| 23.27 | 23.12 | 63.86 | 22.92 | 104.28 | 22.59 | 144.53 | 20.53 |
| 23.92 | 23.14 | 64.50 | 22.91 | 104.92 | 22.59 | 145.16 | 20.49 |
| 24.56 | 23.13 | 65.15 | 22.92 | 105.56 | 22.58 | 145.80 | 20.46 |
| 25.21 | 23.12 | 65.79 | 22.91 | 106.20 | 22.59 | 146.44 | 20.44 |
| 25.85 | 23.13 | 66.43 | 22.91 | 106.84 | 22.58 | 147.08 | 20.45 |
| 26.50 | 23.12 | 67.08 | 22.90 | 107.48 | 22.59 | 147.71 | 20.44 |
| 27.14 | 23.12 | 67.72 | 22.89 | 108.12 | 22.58 | 148.35 | 20.41 |
| 27.79 | 23.12 | 68.36 | 22.88 | 108.76 | 22.58 | 148.99 | 20.38 |
| 28.43 | 23.13 | 69.00 | 22.87 | 109.40 | 22.59 | 149.62 | 20.35 |
| 29.08 | 23.13 | 69.65 | 22.87 | 110.04 | 22.58 | 150.26 | 20.34 |
| 29.73 | 23.13 | 70.29 | 22.86 | 110.68 | 22.59 | 150.90 | 20.30 |
| 30.37 | 23.12 | 70.93 | 22.83 | 111.32 | 22.58 | 151.54 | 20.29 |
| 31.02 | 23.12 | 71.57 | 22.82 | 111.96 | 22.58 | 152.17 | 20.16 |
| 31.66 | 23.14 | 72.22 | 22.81 | 112.60 | 22.58 | 152.81 | 20.08 |
| 32.31 | 23.12 | 72.86 | 22.81 | 113.24 | 22.58 | 153.45 | 20.03 |
| 32.95 | 23.13 | 73.50 | 22.81 | 113.88 | 22.58 | 154.08 | 20.01 |
| 33.60 | 23.11 | 74.14 | 22.80 | 114.52 | 22.58 | 154.72 | 19.98 |
| 34.24 | 23.11 | 74.78 | 22.77 | 115.16 | 22.58 | 155.36 | 19.93 |
| 34.89 | 23.12 | 75.43 | 22.75 | 115.80 | 22.57 | 155.99 | 19.92 |
| 35.53 | 23.11 | 76.07 | 22.75 | 116.44 | 22.57 | 156.63 | 19.87 |
| 36.18 | 23.11 | 76.71 | 22.74 | 117.07 | 22.59 | 157.27 | 19.85 |
| 36.82 | 23.10 | 77.35 | 22.73 | 117.71 | 22.58 | 157.90 | 19.82 |
| 37.46 | 23.09 | 77.99 | 22.73 | 118.35 | 22.59 | 158.54 | 19.77 |
| 38.11 | 23.08 | 78.64 | 22.73 | 118.99 | 22.57 | 159.18 | 19.71 |
| 38.75 | 23.08 | 79.28 | 22.71 | 119.63 | 22.59 | 159.81 | 19.68 |
| 39.40 | 23.08 | 79.92 | 22.68 | 120.27 | 22.58 | 160.45 | 19.66 |
| 40.04 | 23.05 | 80.56 | 22.65 | 120.91 | 22.57 | 161.09 | 19.65 |
| 40.69 | 23.06 | 81.20 | 22.66 | 121.55 | 22.57 | 161.72 | 19.61 |

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|--------|-------|--------|-------|--------|-------|--------|-------|
| 162.36 | 19.57 | 208.06 | 16.82 | 253.53 | 15.26 | 298.79 | 13.76 |
| 163.00 | 19.53 | 208.69 | 16.82 | 254.16 | 15.23 | 299.41 | 13.73 |
| 163.63 | 19.51 | 209.32 | 16.80 | 254.79 | 15.21 | 300.04 | 13.70 |
| 164.27 | 19.51 | 209.96 | 16.78 | 255.42 | 15.19 | 300.67 | 13.70 |
| 164.90 | 19.49 | 210.59 | 16.75 | 256.05 | 15.14 | 301.29 | 13.68 |
| 165.54 | 19.46 | 211.22 | 16.72 | 256.68 | 15.12 | 301.92 | 13.65 |
| 166.18 | 19.44 | 211.86 | 16.71 | 257.31 | 15.10 | 302.55 | 13.64 |
| 166.81 | 19.42 | 212.49 | 16.70 | 257.94 | 15.09 | 303.17 | 13.65 |
| 167.45 | 19.37 | 213.12 | 16.67 | 258.57 | 15.06 | 303.80 | 13.63 |
| 168.08 | 19.28 | 213.76 | 16.65 | 259.20 | 15.05 | 304.43 | 13.61 |
| 168.72 | 19.19 | 214.39 | 16.60 | 259.83 | 15.03 | 305.05 | 13.60 |
| 169.36 | 19.08 | 215.02 | 16.56 | 260.46 | 15.03 | 305.68 | 13.59 |
| 169.99 | 18.94 | 215.65 | 16.51 | 261.09 | 15.00 | 306.31 | 13.57 |
| 170.63 | 18.86 | 216.29 | 16.48 | 261.72 | 14.95 | 306.93 | 13.56 |
| 171.26 | 18.81 | 216.92 | 16.46 | 262.35 | 14.89 | 307.56 | 13.56 |
| 171.90 | 18.76 | 217.55 | 16.46 | 262.98 | 14.89 | 308.18 | 13.56 |
| 172.53 | 18.68 | 218.18 | 16.44 | 263.61 | 14.87 | 308.81 | 13.54 |
| 173.17 | 18.63 | 218.82 | 16.41 | 264.24 | 14.85 | 309.44 | 13.52 |
| 173.80 | 18.62 | 219.45 | 16.36 | 264.87 | 14.85 | 310.06 | 13.49 |
| 174.44 | 18.61 | 220.08 | 16.33 | 265.50 | 14.83 | 310.69 | 13.45 |
| 175.08 | 18.55 | 220.71 | 16.29 | 266.13 | 14.81 | 311.32 | 13.44 |
| 175.71 | 18.50 | 221.35 | 16.29 | 266.76 | 14.80 | 311.94 | 13.43 |
| 176.35 | 18.45 | 221.98 | 16.27 | 267.38 | 14.77 | 312.57 | 13.40 |
| 176.98 | 18.39 | 222.61 | 16.25 | 268.01 | 14.72 | 313.19 | 13.39 |
| 177.62 | 18.34 | 223.24 | 16.23 | 268.64 | 14.72 | 313.82 | 13.37 |
| 178.25 | 18.32 | 223.87 | 16.19 | 269.27 | 14.71 | 314.45 | 13.35 |
| 178.89 | 18.30 | 224.51 | 16.15 | 269.90 | 14.66 | 315.07 | 13.35 |
| 179.52 | 18.25 | 225.14 | 16.12 | 270.53 | 14.63 | 315.70 | 13.32 |
| 180.16 | 18.18 | 225.77 | 16.10 | 271.16 | 14.63 | 316.32 | 13.29 |
| 180.79 | 18.15 | 226.40 | 16.06 | 271.79 | 14.59 | 316.95 | 13.28 |
| 181.43 | 18.12 | 227.03 | 16.03 | 272.42 | 14.59 | 317.57 | 13.27 |
| 182.06 | 18.11 | 227.67 | 16.03 | 273.04 | 14.57 | 318.20 | 13.26 |
| 182.70 | 18.09 | 228.30 | 16.00 | 273.67 | 14.54 | 318.83 | 13.24 |
| 183.33 | 18.06 | 228.93 | 15.99 | 274.30 | 14.55 | 319.45 | 13.22 |
| 183.97 | 18.01 | 229.56 | 15.98 | 274.93 | 14.53 | 320.08 | 13.21 |
| 184.60 | 17.98 | 230.19 | 15.96 | 275.56 | 14.47 | 320.70 | 13.17 |
| 185.24 | 17.95 | 230.82 | 15.93 | 276.19 | 14.46 | 321.33 | 13.16 |
| 185.87 | 17.91 | 231.46 | 15.92 | 276.82 | 14.43 | 321.95 | 13.16 |
| 186.51 | 17.88 | 232.09 | 15.91 | 277.44 | 14.42 | 322.58 | 13.12 |
| 187.14 | 17.84 | 232.72 | 15.87 | 278.07 | 14.41 | 323.20 | 13.11 |
| 187.78 | 17.78 | 233.35 | 15.85 | 278.70 | 14.41 | 323.83 | 13.09 |
| 188.41 | 17.74 | 233.98 | 15.85 | 279.33 | 14.37 | 324.45 | 13.08 |
| 189.04 | 17.69 | 234.61 | 15.84 | 279.96 | 14.37 | 325.08 | 13.06 |
| 189.68 | 17.67 | 235.24 | 15.82 | 280.59 | 14.35 | 325.70 | 13.04 |
| 190.31 | 17.62 | 235.88 | 15.81 | 281.21 | 14.36 | 326.33 | 13.01 |
| 190.95 | 17.61 | 236.51 | 15.76 | 281.84 | 14.34 | 326.95 | 13.00 |
| 191.58 | 17.60 | 237.14 | 15.75 | 282.47 | 14.32 | 327.58 | 13.00 |
| 192.22 | 17.57 | 237.77 | 15.71 | 283.10 | 14.29 | 328.20 | 12.98 |
| 192.85 | 17.52 | 238.40 | 15.69 | 283.73 | 14.27 | 328.83 | 12.98 |
| 193.48 | 17.47 | 239.03 | 15.66 | 284.35 | 14.23 | 329.45 | 12.97 |
| 194.12 | 17.42 | 239.66 | 15.63 | 284.98 | 14.21 | 330.08 | 12.95 |
| 194.75 | 17.37 | 240.29 | 15.62 | 285.61 | 14.19 | 330.70 | 12.94 |
| 195.39 | 17.34 | 240.92 | 15.60 | 286.24 | 14.19 | 331.33 | 12.91 |
| 196.02 | 17.34 | 241.56 | 15.58 | 286.87 | 14.18 | 331.95 | 12.89 |
| 196.65 | 17.31 | 242.19 | 15.56 | 287.49 | 14.16 | 332.58 | 12.87 |
| 197.29 | 17.30 | 242.82 | 15.54 | 288.12 | 14.13 | 333.20 | 12.83 |
| 197.92 | 17.26 | 243.45 | 15.51 | 288.75 | 14.08 | 333.83 | 12.80 |
| 198.56 | 17.23 | 244.08 | 15.49 | 289.38 | 14.06 | 334.45 | 12.79 |
| 199.19 | 17.22 | 244.71 | 15.47 | 290.00 | 14.05 | 335.08 | 12.77 |
| 199.82 | 17.18 | 245.34 | 15.46 | 290.63 | 14.04 | 335.70 | 12.75 |
| 200.46 | 17.18 | 245.97 | 15.45 | 291.26 | 14.00 | 336.32 | 12.74 |
| 201.09 | 17.15 | 246.60 | 15.45 | 291.89 | 13.96 | 336.95 | 12.72 |
| 201.72 | 17.14 | 247.23 | 15.43 | 292.51 | 13.94 | 337.57 | 12.71 |
| 202.36 | 17.11 | 247.86 | 15.42 | 293.14 | 13.90 | 338.20 | 12.67 |
| 202.99 | 17.08 | 248.49 | 15.40 | 293.77 | 13.90 | 338.82 | 12.65 |
| 203.63 | 17.05 | 249.12 | 15.36 | 294.40 | 13.88 | 339.45 | 12.62 |
| 204.26 | 17.01 | 249.75 | 15.36 | 295.02 | 13.88 | 340.07 | 12.60 |
| 204.89 | 16.97 | 250.38 | 15.34 | 295.65 | 13.87 | 340.69 | 12.57 |
| 205.53 | 16.92 | 251.01 | 15.32 | 296.28 | 13.86 | 341.32 | 12.55 |
| 206.16 | 16.90 | 251.64 | 15.30 | 296.90 | 13.83 | 341.94 | 12.52 |
| 206.79 | 16.85 | 252.27 | 15.28 | 297.53 | 13.82 | 342.57 | 12.48 |
| 207.43 | 16.85 | 252.90 | 15.28 | 298.16 | 13.77 | 343.19 | 12.44 |

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|--------|-------|--------|-------|--------|-------|--------|------|
| 343.81 | 12.44 | 388.62 | 11.29 | 433.20 | 10.35 | 477.55 | 9.65 |
| 344.44 | 12.42 | 389.24 | 11.29 | 433.81 | 10.32 | 478.17 | 9.64 |
| 345.06 | 12.41 | 389.86 | 11.29 | 434.43 | 10.32 | 478.78 | 9.63 |
| 345.68 | 12.40 | 390.48 | 11.28 | 435.05 | 10.30 | 479.40 | 9.61 |
| 346.31 | 12.37 | 391.10 | 11.27 | 435.67 | 10.29 | 480.01 | 9.60 |
| 346.93 | 12.35 | 391.72 | 11.26 | 436.28 | 10.28 | 480.62 | 9.59 |
| 347.56 | 12.33 | 392.34 | 11.26 | 436.90 | 10.27 | 481.24 | 9.59 |
| 348.18 | 12.32 | 392.96 | 11.25 | 437.52 | 10.25 | 481.85 | 9.57 |
| 348.80 | 12.31 | 393.58 | 11.26 | 438.14 | 10.24 | 482.47 | 9.57 |
| 349.43 | 12.29 | 394.20 | 11.22 | 438.75 | 10.20 | 483.08 | 9.56 |
| 350.05 | 12.28 | 394.82 | 11.22 | 439.37 | 10.17 | 483.70 | 9.55 |
| 350.67 | 12.26 | 395.44 | 11.18 | 439.99 | 10.16 | 484.31 | 9.54 |
| 351.30 | 12.25 | 396.06 | 11.19 | 440.60 | 10.17 | 484.92 | 9.53 |
| 351.92 | 12.23 | 396.68 | 11.18 | 441.22 | 10.15 | 485.54 | 9.52 |
| 352.54 | 12.22 | 397.30 | 11.15 | 441.84 | 10.15 | 486.15 | 9.51 |
| 353.17 | 12.22 | 397.92 | 11.12 | 442.46 | 10.14 | 486.77 | 9.51 |
| 353.79 | 12.20 | 398.54 | 11.10 | 443.07 | 10.12 | 487.38 | 9.51 |
| 354.41 | 12.18 | 399.16 | 11.09 | 443.69 | 10.12 | 487.99 | 9.51 |
| 355.04 | 12.17 | 399.78 | 11.06 | 444.31 | 10.12 | 488.61 | 9.49 |
| 355.66 | 12.15 | 400.40 | 11.06 | 444.92 | 10.11 | 489.22 | 9.50 |
| 356.28 | 12.11 | 401.02 | 11.04 | 445.54 | 10.10 | 489.83 | 9.47 |
| 356.90 | 12.09 | 401.64 | 11.01 | 446.16 | 10.09 | 490.45 | 9.47 |
| 357.53 | 12.07 | 402.26 | 10.99 | 446.77 | 10.07 | 491.06 | 9.46 |
| 358.15 | 12.04 | 402.88 | 10.96 | 447.39 | 10.07 | 491.67 | 9.45 |
| 358.77 | 12.02 | 403.50 | 10.94 | 448.01 | 10.05 | 492.29 | 9.43 |
| 359.40 | 12.02 | 404.12 | 10.93 | 448.62 | 10.06 | 492.90 | 9.41 |
| 360.02 | 11.99 | 404.74 | 10.92 | 449.24 | 10.03 | 493.51 | 9.40 |
| 360.64 | 11.99 | 405.36 | 10.91 | 449.86 | 10.01 | 494.13 | 9.41 |
| 361.26 | 11.96 | 405.98 | 10.89 | 450.47 | 10.03 | 494.74 | 9.39 |
| 361.89 | 11.98 | 406.60 | 10.88 | 451.09 | 10.03 | 495.35 | 9.40 |
| 362.51 | 11.96 | 407.22 | 10.88 | 451.71 | 10.03 | 495.97 | 9.40 |
| 363.13 | 11.95 | 407.84 | 10.85 | 452.32 | 10.00 | 496.58 | 9.39 |
| 363.75 | 11.94 | 408.46 | 10.85 | 452.94 | 10.00 | 497.19 | 9.40 |
| 364.38 | 11.91 | 409.08 | 10.83 | 453.55 | 9.98 | 497.81 | 9.40 |
| 365.00 | 11.91 | 409.70 | 10.81 | 454.17 | 9.97 | 498.42 | 9.39 |
| 365.62 | 11.89 | 410.32 | 10.80 | 454.79 | 9.94 | 499.03 | 9.37 |
| 366.24 | 11.85 | 410.93 | 10.80 | 455.40 | 9.94 | 499.65 | 9.36 |
| 366.87 | 11.84 | 411.55 | 10.78 | 456.02 | 9.94 | 500.26 | 9.35 |
| 367.49 | 11.83 | 412.17 | 10.77 | 456.63 | 9.93 | 500.87 | 9.35 |
| 368.11 | 11.84 | 412.79 | 10.77 | 457.25 | 9.90 | 501.49 | 9.33 |
| 368.73 | 11.83 | 413.41 | 10.77 | 457.87 | 9.88 | 502.10 | 9.34 |
| 369.35 | 11.82 | 414.03 | 10.76 | 458.48 | 9.87 | 502.71 | 9.32 |
| 369.98 | 11.81 | 414.65 | 10.75 | 459.10 | 9.87 | 503.32 | 9.31 |
| 370.60 | 11.78 | 415.27 | 10.74 | 459.71 | 9.87 | 503.94 | 9.30 |
| 371.22 | 11.77 | 415.89 | 10.71 | 460.33 | 9.86 | 504.55 | 9.26 |
| 371.84 | 11.75 | 416.51 | 10.68 | 460.95 | 9.85 | 505.16 | 9.27 |
| 372.46 | 11.72 | 417.12 | 10.66 | 461.56 | 9.85 | 505.77 | 9.25 |
| 373.09 | 11.68 | 417.74 | 10.66 | 462.18 | 9.84 | 506.39 | 9.24 |
| 373.71 | 11.65 | 418.36 | 10.64 | 462.79 | 9.83 | 507.00 | 9.24 |
| 374.33 | 11.61 | 418.98 | 10.62 | 463.41 | 9.83 | 507.61 | 9.22 |
| 374.95 | 11.59 | 419.60 | 10.60 | 464.02 | 9.83 | 508.22 | 9.21 |
| 375.57 | 11.56 | 420.22 | 10.58 | 464.64 | 9.81 | 508.84 | 9.21 |
| 376.19 | 11.53 | 420.84 | 10.57 | 465.25 | 9.81 | 509.45 | 9.20 |
| 376.82 | 11.51 | 421.45 | 10.56 | 465.87 | 9.82 | 510.06 | 9.19 |
| 377.44 | 11.49 | 422.07 | 10.54 | 466.48 | 9.82 | 510.67 | 9.18 |
| 378.06 | 11.48 | 422.69 | 10.53 | 467.10 | 9.80 | 511.28 | 9.18 |
| 378.68 | 11.45 | 423.31 | 10.50 | 467.72 | 9.80 | 511.90 | 9.17 |
| 379.30 | 11.43 | 423.93 | 10.51 | 468.33 | 9.78 | 512.51 | 9.16 |
| 379.92 | 11.41 | 424.55 | 10.50 | 468.95 | 9.77 | 513.12 | 9.15 |
| 380.54 | 11.40 | 425.16 | 10.48 | 469.56 | 9.77 | 513.73 | 9.15 |
| 381.17 | 11.37 | 425.78 | 10.47 | 470.18 | 9.74 | 514.34 | 9.14 |
| 381.79 | 11.37 | 426.40 | 10.46 | 470.79 | 9.74 | 514.96 | 9.14 |
| 382.41 | 11.36 | 427.02 | 10.45 | 471.41 | 9.74 | 515.57 | 9.12 |
| 383.03 | 11.35 | 427.64 | 10.43 | 472.02 | 9.72 | 516.18 | 9.12 |
| 383.65 | 11.35 | 428.25 | 10.41 | 472.64 | 9.72 | 516.79 | 9.11 |
| 384.27 | 11.34 | 428.87 | 10.40 | 473.25 | 9.72 | 517.40 | 9.09 |
| 384.89 | 11.32 | 429.49 | 10.38 | 473.86 | 9.71 | 518.02 | 9.09 |
| 385.51 | 11.32 | 430.11 | 10.39 | 474.48 | 9.72 | 518.63 | 9.08 |
| 386.13 | 11.30 | 430.73 | 10.38 | 475.09 | 9.71 | 519.24 | 9.06 |
| 386.75 | 11.29 | 431.34 | 10.36 | 475.71 | 9.71 | 519.85 | 9.05 |
| 387.38 | 11.30 | 431.96 | 10.37 | 476.32 | 9.70 | 520.46 | 9.03 |
| 388.00 | 11.29 | 432.58 | 10.36 | 476.94 | 9.67 | 521.07 | 9.03 |

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|--------|------|--------|------|--------|------|--------|------|
| 521.68 | 9.01 | 565.59 | 8.22 | 609.28 | 7.62 | 652.74 | 7.21 |
| 522.30 | 9.01 | 566.20 | 8.24 | 609.88 | 7.61 | 653.34 | 7.20 |
| 522.91 | 8.99 | 566.81 | 8.22 | 610.49 | 7.60 | 653.94 | 7.19 |
| 523.52 | 8.97 | 567.42 | 8.20 | 611.09 | 7.59 | 654.54 | 7.19 |
| 524.13 | 8.94 | 568.03 | 8.19 | 611.70 | 7.60 | 655.14 | 7.19 |
| 524.74 | 8.92 | 568.63 | 8.20 | 612.30 | 7.58 | 655.75 | 7.18 |
| 525.35 | 8.92 | 569.24 | 8.19 | 612.91 | 7.58 | 656.35 | 7.16 |
| 525.96 | 8.92 | 569.85 | 8.17 | 613.51 | 7.56 | 656.95 | 7.14 |
| 526.57 | 8.89 | 570.46 | 8.16 | 614.12 | 7.55 | 657.55 | 7.14 |
| 527.19 | 8.89 | 571.07 | 8.15 | 614.72 | 7.53 | 658.15 | 7.12 |
| 527.80 | 8.87 | 571.67 | 8.14 | 615.33 | 7.52 | 658.75 | 7.10 |
| 528.41 | 8.84 | 572.28 | 8.14 | 615.93 | 7.53 | 659.36 | 7.12 |
| 529.02 | 8.82 | 572.89 | 8.11 | 616.54 | 7.53 | 659.96 | 7.11 |
| 529.63 | 8.82 | 573.50 | 8.12 | 617.14 | 7.53 | 660.56 | 7.10 |
| 530.24 | 8.81 | 574.10 | 8.09 | 617.74 | 7.53 | 661.16 | 7.09 |
| 530.85 | 8.81 | 574.71 | 8.08 | 618.35 | 7.51 | 661.76 | 7.09 |
| 531.46 | 8.78 | 575.32 | 8.08 | 618.95 | 7.53 | 662.36 | 7.08 |
| 532.07 | 8.78 | 575.93 | 8.07 | 619.56 | 7.52 | 662.96 | 7.07 |
| 532.68 | 8.77 | 576.53 | 8.06 | 620.16 | 7.52 | 663.57 | 7.05 |
| 533.29 | 8.77 | 577.14 | 8.05 | 620.77 | 7.51 | 664.17 | 7.04 |
| 533.90 | 8.76 | 577.75 | 8.03 | 621.37 | 7.50 | 664.77 | 7.03 |
| 534.51 | 8.75 | 578.36 | 8.03 | 621.98 | 7.51 | 665.37 | 7.03 |
| 535.12 | 8.74 | 578.96 | 8.02 | 622.58 | 7.51 | 665.97 | 7.02 |
| 535.73 | 8.73 | 579.57 | 8.00 | 623.18 | 7.50 | 666.57 | 7.02 |
| 536.35 | 8.73 | 580.18 | 7.98 | 623.79 | 7.49 | 667.17 | 7.01 |
| 536.96 | 8.72 | 580.79 | 7.96 | 624.39 | 7.49 | 667.77 | 7.01 |
| 537.57 | 8.72 | 581.39 | 7.95 | 625.00 | 7.50 | 668.38 | 6.99 |
| 538.18 | 8.70 | 582.00 | 7.94 | 625.60 | 7.49 | 668.98 | 6.99 |
| 538.79 | 8.69 | 582.61 | 7.95 | 626.20 | 7.49 | 669.58 | 6.97 |
| 539.40 | 8.69 | 583.21 | 7.94 | 626.81 | 7.50 | 670.18 | 6.97 |
| 540.01 | 8.67 | 583.82 | 7.94 | 627.41 | 7.49 | 670.78 | 6.97 |
| 540.62 | 8.67 | 584.43 | 7.93 | 628.02 | 7.46 | 671.38 | 6.96 |
| 541.23 | 8.65 | 585.04 | 7.93 | 628.62 | 7.45 | 671.98 | 6.95 |
| 541.84 | 8.63 | 585.64 | 7.91 | 629.22 | 7.44 | 672.58 | 6.95 |
| 542.45 | 8.63 | 586.25 | 7.91 | 629.83 | 7.42 | 673.18 | 6.92 |
| 543.06 | 8.61 | 586.86 | 7.90 | 630.43 | 7.42 | 673.78 | 6.92 |
| 543.67 | 8.59 | 587.46 | 7.89 | 631.03 | 7.42 | 674.38 | 6.92 |
| 544.28 | 8.58 | 588.07 | 7.89 | 631.64 | 7.40 | 674.98 | 6.91 |
| 544.89 | 8.57 | 588.68 | 7.89 | 632.24 | 7.41 | 675.58 | 6.92 |
| 545.50 | 8.54 | 589.28 | 7.89 | 632.84 | 7.40 | 676.18 | 6.91 |
| 546.11 | 8.56 | 589.89 | 7.85 | 633.45 | 7.40 | 676.78 | 6.92 |
| 546.71 | 8.54 | 590.50 | 7.85 | 634.05 | 7.38 | 677.38 | 6.90 |
| 547.32 | 8.53 | 591.10 | 7.83 | 634.66 | 7.36 | 677.98 | 6.91 |
| 547.93 | 8.53 | 591.71 | 7.82 | 635.26 | 7.37 | 678.58 | 6.91 |
| 548.54 | 8.53 | 592.31 | 7.81 | 635.86 | 7.35 | 679.18 | 6.90 |
| 549.15 | 8.53 | 592.92 | 7.80 | 636.47 | 7.35 | 679.79 | 6.90 |
| 549.76 | 8.53 | 593.53 | 7.78 | 637.07 | 7.36 | 680.39 | 6.89 |
| 550.37 | 8.53 | 594.13 | 7.76 | 637.67 | 7.36 | 680.99 | 6.89 |
| 550.98 | 8.52 | 594.74 | 7.78 | 638.27 | 7.36 | 681.59 | 6.89 |
| 551.59 | 8.52 | 595.35 | 7.75 | 638.88 | 7.36 | 682.19 | 6.88 |
| 552.20 | 8.49 | 595.95 | 7.76 | 639.48 | 7.35 | 682.79 | 6.87 |
| 552.81 | 8.48 | 596.56 | 7.75 | 640.08 | 7.36 | 683.38 | 6.87 |
| 553.42 | 8.46 | 597.16 | 7.71 | 640.69 | 7.33 | 683.98 | 6.86 |
| 554.03 | 8.42 | 597.77 | 7.72 | 641.29 | 7.33 | 684.58 | 6.85 |
| 554.64 | 8.41 | 598.38 | 7.71 | 641.89 | 7.32 | 685.18 | 6.83 |
| 555.25 | 8.42 | 598.98 | 7.71 | 642.50 | 7.31 | 685.78 | 6.84 |
| 555.85 | 8.40 | 599.59 | 7.70 | 643.10 | 7.30 | 686.38 | 6.83 |
| 556.46 | 8.38 | 600.19 | 7.69 | 643.70 | 7.29 | 686.98 | 6.82 |
| 557.07 | 8.37 | 600.80 | 7.69 | 644.30 | 7.27 | 687.58 | 6.79 |
| 557.68 | 8.36 | 601.41 | 7.69 | 644.91 | 7.27 | 688.18 | 6.79 |
| 558.29 | 8.35 | 602.01 | 7.69 | 645.51 | 7.26 | 688.78 | 6.78 |
| 558.90 | 8.34 | 602.62 | 7.69 | 646.11 | 7.24 | 689.38 | 6.79 |
| 559.51 | 8.33 | 603.22 | 7.68 | 646.71 | 7.23 | 689.98 | 6.78 |
| 560.12 | 8.33 | 603.83 | 7.67 | 647.32 | 7.21 | 690.58 | 6.76 |
| 560.72 | 8.32 | 604.43 | 7.67 | 647.92 | 7.23 | 691.18 | 6.75 |
| 561.33 | 8.32 | 605.04 | 7.68 | 648.52 | 7.21 | 691.78 | 6.73 |
| 561.94 | 8.31 | 605.64 | 7.68 | 649.12 | 7.22 | 692.38 | 6.73 |
| 562.55 | 8.30 | 606.25 | 7.67 | 649.73 | 7.20 | 692.98 | 6.71 |
| 563.16 | 8.28 | 606.86 | 7.67 | 650.33 | 7.21 | 693.58 | 6.73 |
| 563.77 | 8.26 | 607.46 | 7.65 | 650.93 | 7.21 | 694.18 | 6.72 |
| 564.38 | 8.27 | 608.07 | 7.62 | 651.53 | 7.21 | 694.77 | 6.70 |
| 564.98 | 8.26 | 608.67 | 7.62 | 652.13 | 7.21 | 695.37 | 6.69 |

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|--------|------|-------------------|-----------------|
| 695.97 | 6.70 | 738.98 | 6.39 |
| 696.57 | 6.69 | 739.58 | 6.38 |
| 697.17 | 6.70 | 740.18 | 6.38 |
| 697.77 | 6.70 | 740.77 | 6.38 |
| 698.37 | 6.68 | 741.37 | 6.37 |
| 698.97 | 6.68 | 741.96 | 6.37 |
| 699.57 | 6.70 | 742.56 | 6.36 |
| 700.16 | 6.68 | 743.15 | 6.37 |
| 700.76 | 6.69 | 743.75 | 6.36 |
| 701.36 | 6.69 | 744.35 | 6.34 |
| 701.96 | 6.68 | 744.94 | 6.34 |
| 702.56 | 6.68 | 745.54 | 6.34 |
| 703.16 | 6.67 | 746.13 | 6.33 |
| 703.76 | 6.65 | 746.73 | 6.32 |
| 704.35 | 6.65 | 747.32 | 6.32 |
| 704.95 | 6.64 | 747.92 | 6.32 |
| 705.55 | 6.64 | 748.51 | 6.32 |
| 706.15 | 6.63 | 749.11 | 6.30 |
| 706.75 | 6.63 | 749.70 | 6.31 |
| 707.34 | 6.63 | 750.30 | 6.29 |
| 707.94 | 6.63 | 750.89 | 6.28 |
| 708.54 | 6.61 | 751.49 | 6.27 |
| 709.14 | 6.61 | 752.08 | 6.28 |
| 709.74 | 6.59 | 752.68 | 6.26 |
| 710.33 | 6.58 | 753.27 | 6.27 |
| 710.93 | 6.57 | 753.87 | 6.27 |
| 711.53 | 6.57 | 754.46 | 6.25 |
| 712.13 | 6.56 | 755.06 | 6.25 |
| 712.73 | 6.57 | 755.65 | 6.25 |
| 713.32 | 6.57 | 756.25 | 6.25 |
| 713.92 | 6.57 | 756.84 | 6.25 |
| 714.52 | 6.55 | 757.43 | 6.24 |
| 715.12 | 6.56 | 758.03 | 6.23 |
| 715.71 | 6.55 | 758.62 | 6.22 |
| 716.31 | 6.54 | 759.22 | 6.23 |
| 716.91 | 6.52 | 759.81 | 6.23 |
| 717.51 | 6.51 | 760.41 | 6.23 |
| 718.10 | 6.51 | 761.00 | 2.19 |
| 718.70 | 6.51 | | |
| 719.30 | 6.50 | | |
| 719.90 | 6.50 | | |
| 720.49 | 6.50 | | |
| 721.09 | 6.50 | | |
| 721.69 | 6.49 | | |
| 722.28 | 6.49 | | |
| 722.88 | 6.49 | | |
| 723.48 | 6.46 | | |
| 724.08 | 6.47 | | |
| 724.67 | 6.45 | | |
| 725.27 | 6.45 | | |
| 725.87 | 6.44 | | |
| 726.46 | 6.46 | | |
| 727.06 | 6.46 | | |
| 727.66 | 6.44 | | |
| 728.25 | 6.44 | | |
| 728.85 | 6.45 | | |
| 729.45 | 6.43 | | |
| 730.04 | 6.43 | | |
| 730.64 | 6.42 | | |
| 731.23 | 6.42 | | |
| 731.83 | 6.41 | | |
| 732.43 | 6.41 | | |
| 733.02 | 6.40 | | |
| 733.62 | 6.40 | | |
| 734.22 | 6.40 | | |
| 734.81 | 6.39 | | |
| 735.41 | 6.40 | | |
| 736.00 | 6.39 | | |
| 736.60 | 6.39 | | |
| 737.20 | 6.40 | | |
| 737.79 | 6.40 | | |
| 738.39 | 6.39 | | |

XBT-11

Cruise: 92G02
Date: Tue Jan 28 1992, Julian day = 28
Time: 22:29:02
Lat: 26 30n
Lon: 92 23.3w
Stn: 11

| | | | | | | | |
|-----------------|------------------|-------|-------|--------|-------|--------|-------|
| 0.05 | 2.20 | 41.33 | 22.52 | 81.85 | 21.86 | 122.19 | 20.56 |
| 1.29 | 22.44 | 41.98 | 22.53 | 82.49 | 21.84 | 122.83 | 20.49 |
| 1.94 | 22.54 | 42.62 | 22.53 | 83.13 | 21.81 | 123.47 | 20.46 |
| 2.59 | 22.54 | 43.27 | 22.52 | 83.77 | 21.78 | 124.11 | 20.45 |
| 3.24 | 22.54 | 43.91 | 22.52 | 84.41 | 21.75 | 124.74 | 20.44 |
| 3.88 | 22.53 | 44.55 | 22.52 | 85.05 | 21.74 | 125.38 | 20.40 |
| 4.53 | 22.53 | 45.20 | 22.52 | 85.70 | 21.71 | 126.02 | 20.36 |
| 5.18 | 22.53 | 45.84 | 22.51 | 86.34 | 21.66 | 126.66 | 20.30 |
| 5.82 | 22.53 | 46.49 | 22.52 | 86.98 | 21.62 | 127.30 | 20.20 |
| 6.47 | 22.53 | 47.13 | 22.52 | 87.62 | 21.59 | 127.94 | 20.14 |
| 7.12 | 22.53 | 47.77 | 22.52 | 88.26 | 21.58 | 128.58 | 20.05 |
| 7.76 | 22.53 | 48.42 | 22.52 | 88.90 | 21.57 | 129.21 | 19.94 |
| 8.41 | 22.53 | 49.06 | 22.52 | 89.54 | 21.57 | 129.85 | 19.88 |
| 9.06 | 22.53 | 49.71 | 22.52 | 90.18 | 21.56 | 130.49 | 19.83 |
| 9.70 | 22.53 | 50.35 | 22.51 | 90.83 | 21.56 | 131.13 | 19.79 |
| 10.35 | 22.53 | 50.99 | 22.52 | 91.47 | 21.56 | 131.77 | 19.75 |
| 11.00 | 22.53 | 51.64 | 22.52 | 92.11 | 21.56 | 132.41 | 19.67 |
| 11.64 | 22.53 | 52.28 | 22.52 | 92.75 | 21.54 | 133.04 | 19.62 |
| 12.29 | 22.53 | 52.93 | 22.52 | 93.39 | 21.54 | 133.68 | 19.58 |
| 12.94 | 22.53 | 53.57 | 22.51 | 94.03 | 21.54 | 134.32 | 19.51 |
| 13.58 | 22.53 | 54.21 | 22.53 | 94.67 | 21.54 | 134.96 | 19.43 |
| 14.23 | 22.53 | 54.86 | 22.52 | 95.31 | 21.54 | 135.60 | 19.35 |
| 14.87 | 22.53 | 55.50 | 22.52 | 95.95 | 21.54 | 136.24 | 19.30 |
| 15.52 | 22.53 | 56.14 | 22.52 | 96.59 | 21.54 | 136.87 | 19.28 |
| 16.17 | 22.54 | 56.79 | 22.51 | 97.23 | 21.55 | 137.51 | 19.27 |
| 16.81 | 22.53 | 57.43 | 22.51 | 97.88 | 21.54 | 138.15 | 19.26 |
| 17.46 | 22.53 | 58.07 | 22.50 | 98.52 | 21.53 | 138.79 | 19.26 |
| 18.10 | 22.53 | 58.72 | 22.49 | 99.16 | 21.54 | 139.43 | 19.25 |
| 18.75 | 22.53 | 59.36 | 22.50 | 99.80 | 21.53 | 140.06 | 19.23 |
| 19.40 | 22.53 | 60.00 | 22.49 | 100.44 | 21.52 | 140.70 | 19.17 |
| 20.04 | 22.53 | 60.65 | 22.48 | 101.08 | 21.52 | 141.34 | 19.13 |
| 20.69 | 22.53 | 61.29 | 22.47 | 101.72 | 21.52 | 141.98 | 19.12 |
| 21.33 | 22.54 | 61.93 | 22.46 | 102.36 | 21.51 | 142.61 | 19.09 |
| 21.98 | 22.53 | 62.58 | 22.46 | 103.00 | 21.52 | 143.25 | 19.04 |
| 22.63 | 22.52 | 63.22 | 22.46 | 103.64 | 21.52 | 143.89 | 19.01 |
| 23.27 | 22.53 | 63.86 | 22.45 | 104.28 | 21.52 | 144.53 | 18.96 |
| 23.92 | 22.53 | 64.50 | 22.44 | 104.92 | 21.51 | 145.16 | 18.91 |
| 24.56 | 22.53 | 65.15 | 22.43 | 105.56 | 21.51 | 145.80 | 18.83 |
| 25.21 | 22.53 | 65.79 | 22.37 | 106.20 | 21.50 | 146.44 | 18.76 |
| 25.85 | 22.53 | 66.43 | 22.26 | 106.84 | 21.49 | 147.08 | 18.70 |
| 26.50 | 22.53 | 67.08 | 22.22 | 107.48 | 21.49 | 147.71 | 18.64 |
| 27.14 | 22.52 | 67.72 | 22.17 | 108.12 | 21.50 | 148.35 | 18.61 |
| 27.79 | 22.53 | 68.36 | 22.15 | 108.76 | 21.50 | 148.99 | 18.58 |
| 28.43 | 22.53 | 69.00 | 22.15 | 109.40 | 21.49 | 149.62 | 18.55 |
| 29.08 | 22.53 | 69.65 | 22.13 | 110.04 | 21.49 | 150.26 | 18.52 |
| 29.73 | 22.53 | 70.29 | 22.13 | 110.68 | 21.48 | 150.90 | 18.48 |
| 30.37 | 22.53 | 70.93 | 22.12 | 111.32 | 21.47 | 151.54 | 18.46 |
| 31.02 | 22.53 | 71.57 | 22.11 | 111.96 | 21.47 | 152.17 | 18.43 |
| 31.66 | 22.53 | 72.22 | 22.09 | 112.60 | 21.47 | 152.81 | 18.39 |
| 32.31 | 22.53 | 72.86 | 22.10 | 113.24 | 21.47 | 153.45 | 18.35 |
| 32.95 | 22.53 | 73.50 | 22.10 | 113.88 | 21.45 | 154.08 | 18.32 |
| 33.60 | 22.53 | 74.14 | 22.10 | 114.52 | 21.41 | 154.72 | 18.31 |
| 34.24 | 22.54 | 74.78 | 22.09 | 115.16 | 21.37 | 155.36 | 18.29 |
| 34.89 | 22.54 | 75.43 | 22.06 | 115.80 | 21.33 | 155.99 | 18.29 |
| 35.53 | 22.53 | 76.07 | 22.04 | 116.44 | 21.25 | 156.63 | 18.27 |
| 36.18 | 22.53 | 76.71 | 22.03 | 117.07 | 21.18 | 157.27 | 18.26 |
| 36.82 | 22.52 | 77.35 | 22.01 | 117.71 | 21.13 | 157.90 | 18.25 |
| 37.46 | 22.53 | 77.99 | 21.98 | 118.35 | 21.06 | 158.54 | 18.25 |
| 38.11 | 22.52 | 78.64 | 21.98 | 118.99 | 20.95 | 159.18 | 18.25 |
| 38.75 | 22.52 | 79.28 | 21.95 | 119.63 | 20.85 | 159.81 | 18.24 |
| 39.40 | 22.52 | 79.92 | 21.92 | 120.27 | 20.79 | 160.45 | 18.22 |
| 40.04 | 22.52 | 80.56 | 21.91 | 120.91 | 20.73 | 161.09 | 18.19 |
| 40.69 | 22.53 | 81.20 | 21.89 | 121.55 | 20.66 | 161.72 | 18.14 |

| | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|
| 162.36 | 18.02 | 208.06 | 15.94 | 253.53 | 14.18 | 298.79 | 12.94 |
| 163.00 | 17.97 | 208.69 | 15.93 | 254.16 | 14.18 | 299.41 | 12.94 |
| 163.63 | 17.95 | 209.32 | 15.92 | 254.79 | 14.17 | 300.04 | 12.92 |
| 164.27 | 17.92 | 209.96 | 15.89 | 255.42 | 14.16 | 300.67 | 12.90 |
| 164.90 | 17.87 | 210.59 | 15.87 | 256.05 | 14.15 | 301.29 | 12.88 |
| 165.54 | 17.82 | 211.22 | 15.86 | 256.68 | 14.12 | 301.92 | 12.87 |
| 166.18 | 17.74 | 211.86 | 15.85 | 257.31 | 14.09 | 302.55 | 12.86 |
| 166.81 | 17.66 | 212.49 | 15.84 | 257.94 | 14.07 | 303.17 | 12.84 |
| 167.45 | 17.61 | 213.12 | 15.85 | 258.57 | 14.07 | 303.80 | 12.82 |
| 168.08 | 17.58 | 213.76 | 15.84 | 259.20 | 14.06 | 304.43 | 12.79 |
| 168.72 | 17.56 | 214.39 | 15.83 | 259.83 | 14.05 | 305.05 | 12.78 |
| 169.36 | 17.54 | 215.02 | 15.81 | 260.46 | 14.04 | 305.68 | 12.77 |
| 169.99 | 17.52 | 215.65 | 15.78 | 261.09 | 14.03 | 306.31 | 12.76 |
| 170.63 | 17.51 | 216.29 | 15.74 | 261.72 | 14.01 | 306.93 | 12.76 |
| 171.26 | 17.49 | 216.92 | 15.70 | 262.35 | 13.98 | 307.56 | 12.75 |
| 171.90 | 17.47 | 217.55 | 15.68 | 262.98 | 13.97 | 308.18 | 12.74 |
| 172.53 | 17.44 | 218.18 | 15.66 | 263.61 | 13.96 | 308.81 | 12.71 |
| 173.17 | 17.39 | 218.82 | 15.65 | 264.24 | 13.96 | 309.44 | 12.68 |
| 173.80 | 17.33 | 219.45 | 15.65 | 264.87 | 13.93 | 310.06 | 12.64 |
| 174.44 | 17.30 | 220.08 | 15.64 | 265.50 | 13.90 | 310.69 | 12.62 |
| 175.08 | 17.28 | 220.71 | 15.64 | 266.13 | 13.85 | 311.32 | 12.60 |
| 175.71 | 17.27 | 221.35 | 15.60 | 266.76 | 13.82 | 311.94 | 12.58 |
| 176.35 | 17.26 | 221.98 | 15.55 | 267.38 | 13.79 | 312.57 | 12.55 |
| 176.98 | 17.27 | 222.61 | 15.51 | 268.01 | 13.76 | 313.19 | 12.53 |
| 177.62 | 17.26 | 223.24 | 15.49 | 268.64 | 13.73 | 313.82 | 12.52 |
| 178.25 | 17.26 | 223.87 | 15.49 | 269.27 | 13.71 | 314.45 | 12.49 |
| 178.89 | 17.27 | 224.51 | 15.47 | 269.90 | 13.70 | 315.07 | 12.46 |
| 179.52 | 17.27 | 225.14 | 15.44 | 270.53 | 13.67 | 315.70 | 12.43 |
| 180.16 | 17.24 | 225.77 | 15.40 | 271.16 | 13.66 | 316.32 | 12.40 |
| 180.79 | 17.23 | 226.40 | 15.38 | 271.79 | 13.65 | 316.95 | 12.38 |
| 181.43 | 17.20 | 227.03 | 15.37 | 272.42 | 13.64 | 317.57 | 12.37 |
| 182.06 | 17.17 | 227.67 | 15.33 | 273.04 | 13.62 | 318.20 | 12.37 |
| 182.70 | 17.12 | 228.30 | 15.32 | 273.67 | 13.61 | 318.83 | 12.36 |
| 183.33 | 17.06 | 228.93 | 15.28 | 274.30 | 13.60 | 319.45 | 12.34 |
| 183.97 | 17.02 | 229.56 | 15.26 | 274.93 | 13.58 | 320.08 | 12.32 |
| 184.60 | 16.99 | 230.19 | 15.22 | 275.56 | 13.56 | 320.70 | 12.29 |
| 185.24 | 16.97 | 230.82 | 15.17 | 276.19 | 13.53 | 321.33 | 12.27 |
| 185.87 | 16.95 | 231.46 | 15.12 | 276.82 | 13.53 | 321.95 | 12.25 |
| 186.51 | 16.94 | 232.09 | 15.10 | 277.44 | 13.51 | 322.58 | 12.23 |
| 187.14 | 16.91 | 232.72 | 15.08 | 278.07 | 13.52 | 323.20 | 12.22 |
| 187.78 | 16.85 | 233.35 | 15.06 | 278.70 | 13.49 | 323.83 | 12.20 |
| 188.41 | 16.81 | 233.98 | 15.03 | 279.33 | 13.49 | 324.45 | 12.20 |
| 189.04 | 16.76 | 234.61 | 15.01 | 279.96 | 13.47 | 325.08 | 12.17 |
| 189.68 | 16.73 | 235.24 | 14.99 | 280.59 | 13.46 | 325.70 | 12.17 |
| 190.31 | 16.71 | 235.88 | 14.95 | 281.21 | 13.44 | 326.33 | 12.16 |
| 190.95 | 16.66 | 236.51 | 14.90 | 281.84 | 13.44 | 326.95 | 12.14 |
| 191.58 | 16.64 | 237.14 | 14.87 | 282.47 | 13.43 | 327.58 | 12.13 |
| 192.22 | 16.60 | 237.77 | 14.82 | 283.10 | 13.42 | 328.20 | 12.11 |
| 192.85 | 16.59 | 238.40 | 14.79 | 283.73 | 13.40 | 328.83 | 12.09 |
| 193.48 | 16.56 | 239.03 | 14.78 | 284.35 | 13.38 | 329.45 | 12.07 |
| 194.12 | 16.54 | 239.66 | 14.75 | 284.98 | 13.37 | 330.08 | 12.06 |
| 194.75 | 16.52 | 240.29 | 14.73 | 285.61 | 13.36 | 330.70 | 12.04 |
| 195.39 | 16.49 | 240.92 | 14.71 | 286.24 | 13.35 | 331.33 | 12.03 |
| 196.02 | 16.44 | 241.56 | 14.68 | 286.87 | 13.33 | 331.95 | 12.00 |
| 196.65 | 16.42 | 242.19 | 14.67 | 287.49 | 13.32 | 332.58 | 11.97 |
| 197.29 | 16.38 | 242.82 | 14.64 | 288.12 | 13.31 | 333.20 | 11.94 |
| 197.92 | 16.34 | 243.45 | 14.60 | 288.75 | 13.30 | 333.83 | 11.94 |
| 198.56 | 16.29 | 244.08 | 14.55 | 289.38 | 13.27 | 334.45 | 11.92 |
| 199.19 | 16.26 | 244.71 | 14.52 | 290.00 | 13.24 | 335.08 | 11.90 |
| 199.82 | 16.22 | 245.34 | 14.48 | 290.63 | 13.22 | 335.70 | 11.89 |
| 200.46 | 16.19 | 245.97 | 14.44 | 291.26 | 13.19 | 336.32 | 11.88 |
| 201.09 | 16.15 | 246.60 | 14.42 | 291.89 | 13.16 | 336.95 | 11.87 |
| 201.72 | 16.13 | 247.23 | 14.40 | 292.51 | 13.13 | 337.57 | 11.85 |
| 202.36 | 16.12 | 247.86 | 14.39 | 293.14 | 13.11 | 338.20 | 11.83 |
| 202.99 | 16.10 | 248.49 | 14.38 | 293.77 | 13.07 | 338.82 | 11.81 |
| 203.63 | 16.07 | 249.12 | 14.38 | 294.40 | 13.06 | 339.45 | 11.81 |
| 204.26 | 16.05 | 249.75 | 14.33 | 295.02 | 13.05 | 340.07 | 11.80 |
| 204.89 | 16.02 | 250.38 | 14.30 | 295.65 | 13.05 | 340.69 | 11.78 |
| 205.53 | 15.98 | 251.01 | 14.28 | 296.28 | 13.04 | 341.32 | 11.76 |
| 206.16 | 15.97 | 251.64 | 14.23 | 296.90 | 13.03 | 341.94 | 11.75 |
| 206.79 | 15.96 | 252.27 | 14.19 | 297.53 | 13.01 | 342.57 | 11.71 |
| 207.43 | 15.96 | 252.90 | 14.19 | 298.16 | 12.98 | 343.19 | 11.70 |

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|--------|-------|--------|-------|--------|------|--------|------|
| 343.81 | 11.68 | 388.62 | 10.75 | 433.20 | 9.87 | 477.55 | 8.99 |
| 344.44 | 11.66 | 389.24 | 10.73 | 433.81 | 9.85 | 478.17 | 9.00 |
| 345.06 | 11.63 | 389.86 | 10.70 | 434.43 | 9.84 | 478.78 | 8.99 |
| 345.68 | 11.60 | 390.48 | 10.69 | 435.05 | 9.83 | 479.40 | 8.99 |
| 346.31 | 11.59 | 391.10 | 10.67 | 435.67 | 9.82 | 480.01 | 8.99 |
| 346.93 | 11.57 | 391.72 | 10.67 | 436.28 | 9.80 | 480.62 | 8.99 |
| 347.56 | 11.58 | 392.34 | 10.66 | 436.90 | 9.78 | 481.24 | 8.99 |
| 348.18 | 11.57 | 392.96 | 10.64 | 437.52 | 9.77 | 481.85 | 8.98 |
| 348.80 | 11.57 | 393.58 | 10.63 | 438.14 | 9.76 | 482.47 | 8.97 |
| 349.43 | 11.55 | 394.20 | 10.62 | 438.75 | 9.75 | 483.08 | 8.97 |
| 350.05 | 11.56 | 394.82 | 10.61 | 439.37 | 9.75 | 483.70 | 8.95 |
| 350.67 | 11.55 | 395.44 | 10.62 | 439.99 | 9.75 | 484.31 | 8.95 |
| 351.30 | 11.54 | 396.06 | 10.58 | 440.60 | 9.71 | 484.92 | 8.93 |
| 351.92 | 11.54 | 396.68 | 10.57 | 441.22 | 9.71 | 485.54 | 8.93 |
| 352.54 | 11.53 | 397.30 | 10.56 | 441.84 | 9.70 | 486.15 | 8.92 |
| 353.17 | 11.53 | 397.92 | 10.55 | 442.46 | 9.69 | 486.77 | 8.92 |
| 353.79 | 11.52 | 398.54 | 10.54 | 443.07 | 9.68 | 487.38 | 8.92 |
| 354.41 | 11.52 | 399.16 | 10.53 | 443.69 | 9.67 | 487.99 | 8.91 |
| 355.04 | 11.52 | 399.78 | 10.53 | 444.31 | 9.65 | 488.61 | 8.92 |
| 355.66 | 11.51 | 400.40 | 10.52 | 444.92 | 9.64 | 489.22 | 8.92 |
| 356.28 | 11.50 | 401.02 | 10.51 | 445.54 | 9.62 | 489.83 | 8.89 |
| 356.90 | 11.49 | 401.64 | 10.50 | 446.16 | 9.62 | 490.45 | 8.87 |
| 357.53 | 11.48 | 402.26 | 10.48 | 446.77 | 9.60 | 491.06 | 8.85 |
| 358.15 | 11.44 | 402.88 | 10.48 | 447.39 | 9.58 | 491.67 | 8.82 |
| 358.77 | 11.43 | 403.50 | 10.47 | 448.01 | 9.56 | 492.29 | 8.80 |
| 359.40 | 11.41 | 404.12 | 10.46 | 448.62 | 9.54 | 492.90 | 8.79 |
| 360.02 | 11.39 | 404.74 | 10.46 | 449.24 | 9.52 | 493.51 | 8.77 |
| 360.64 | 11.37 | 405.36 | 10.43 | 449.86 | 9.51 | 494.13 | 8.77 |
| 361.26 | 11.36 | 405.98 | 10.41 | 450.47 | 9.50 | 494.74 | 8.76 |
| 361.89 | 11.35 | 406.60 | 10.40 | 451.09 | 9.48 | 495.35 | 8.76 |
| 362.51 | 11.34 | 407.22 | 10.39 | 451.71 | 9.46 | 495.97 | 8.75 |
| 363.13 | 11.33 | 407.84 | 10.37 | 452.32 | 9.45 | 496.58 | 8.75 |
| 363.75 | 11.31 | 408.46 | 10.33 | 452.94 | 9.43 | 497.19 | 8.74 |
| 364.38 | 11.32 | 409.08 | 10.31 | 453.55 | 9.43 | 497.81 | 8.73 |
| 365.00 | 11.32 | 409.70 | 10.30 | 454.17 | 9.40 | 498.42 | 8.72 |
| 365.62 | 11.32 | 410.32 | 10.28 | 454.79 | 9.37 | 499.03 | 8.72 |
| 366.24 | 11.31 | 410.93 | 10.25 | 455.40 | 9.37 | 499.65 | 8.72 |
| 366.87 | 11.28 | 411.55 | 10.23 | 456.02 | 9.35 | 500.26 | 8.71 |
| 367.49 | 11.28 | 412.17 | 10.22 | 456.63 | 9.34 | 500.87 | 8.70 |
| 368.11 | 11.26 | 412.79 | 10.20 | 457.25 | 9.33 | 501.49 | 8.69 |
| 368.73 | 11.22 | 413.41 | 10.19 | 457.87 | 9.30 | 502.10 | 8.70 |
| 369.35 | 11.21 | 414.03 | 10.18 | 458.48 | 9.30 | 502.71 | 8.69 |
| 369.98 | 11.19 | 414.65 | 10.16 | 459.10 | 9.30 | 503.32 | 8.69 |
| 370.60 | 11.18 | 415.27 | 10.15 | 459.71 | 9.29 | 503.94 | 8.69 |
| 371.22 | 11.17 | 415.89 | 10.14 | 460.33 | 9.28 | 504.55 | 8.68 |
| 371.84 | 11.16 | 416.51 | 10.13 | 460.95 | 9.27 | 505.16 | 8.67 |
| 372.46 | 11.14 | 417.12 | 10.13 | 461.56 | 9.27 | 505.77 | 8.66 |
| 373.09 | 11.13 | 417.74 | 10.14 | 462.18 | 9.25 | 506.39 | 8.65 |
| 373.71 | 11.12 | 418.36 | 10.13 | 462.79 | 9.24 | 507.00 | 8.63 |
| 374.33 | 11.10 | 418.98 | 10.12 | 463.41 | 9.24 | 507.61 | 8.63 |
| 374.95 | 11.10 | 419.60 | 10.10 | 464.02 | 9.23 | 508.22 | 8.63 |
| 375.57 | 11.09 | 420.22 | 10.09 | 464.64 | 9.23 | 508.84 | 8.62 |
| 376.19 | 11.08 | 420.84 | 10.08 | 465.25 | 9.23 | 509.45 | 8.61 |
| 376.82 | 11.08 | 421.45 | 10.06 | 465.87 | 9.22 | 510.06 | 8.60 |
| 377.44 | 11.07 | 422.07 | 10.03 | 466.48 | 9.22 | 510.67 | 8.60 |
| 378.06 | 11.07 | 422.69 | 10.01 | 467.10 | 9.20 | 511.28 | 8.58 |
| 378.68 | 11.06 | 423.31 | 10.01 | 467.72 | 9.18 | 511.90 | 8.57 |
| 379.30 | 11.05 | 423.93 | 10.01 | 468.33 | 9.16 | 512.51 | 8.57 |
| 379.92 | 11.01 | 424.55 | 9.99 | 468.95 | 9.15 | 513.12 | 8.57 |
| 380.54 | 10.97 | 425.16 | 9.97 | 469.56 | 9.14 | 513.73 | 8.55 |
| 381.17 | 10.94 | 425.78 | 9.95 | 470.18 | 9.14 | 514.34 | 8.55 |
| 381.79 | 10.94 | 426.40 | 9.93 | 470.79 | 9.13 | 514.96 | 8.55 |
| 382.41 | 10.92 | 427.02 | 9.92 | 471.41 | 9.12 | 515.57 | 8.54 |
| 383.03 | 10.90 | 427.64 | 9.91 | 472.02 | 9.11 | 516.18 | 8.53 |
| 383.65 | 10.88 | 428.25 | 9.91 | 472.64 | 9.09 | 516.79 | 8.52 |
| 384.27 | 10.87 | 428.87 | 9.91 | 473.25 | 9.07 | 517.40 | 8.52 |
| 384.89 | 10.85 | 429.49 | 9.90 | 473.86 | 9.04 | 518.02 | 8.52 |
| 385.51 | 10.84 | 430.11 | 9.90 | 474.48 | 9.03 | 518.63 | 8.50 |
| 386.13 | 10.82 | 430.73 | 9.89 | 475.09 | 9.02 | 519.24 | 8.49 |
| 386.75 | 10.82 | 431.34 | 9.89 | 475.71 | 9.00 | 519.85 | 8.49 |
| 387.38 | 10.79 | 431.96 | 9.89 | 476.32 | 9.01 | 520.46 | 8.48 |
| 388.00 | 10.77 | 432.58 | 9.88 | 476.94 | 8.99 | 521.07 | 8.49 |

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|--------|------|--------|------|--------|------|--------|------|
| 521.68 | 8.48 | 565.59 | 7.94 | 609.28 | 7.41 | 652.74 | 7.04 |
| 522.30 | 8.46 | 566.20 | 7.93 | 609.88 | 7.43 | 653.34 | 7.03 |
| 522.91 | 8.45 | 566.81 | 7.92 | 610.49 | 7.40 | 653.94 | 7.03 |
| 523.52 | 8.44 | 567.42 | 7.92 | 611.09 | 7.38 | 654.54 | 7.03 |
| 524.13 | 8.43 | 568.03 | 7.91 | 611.70 | 7.38 | 655.14 | 7.02 |
| 524.74 | 8.42 | 568.63 | 7.89 | 612.30 | 7.38 | 655.75 | 7.02 |
| 525.35 | 8.41 | 569.24 | 7.88 | 612.91 | 7.37 | 656.35 | 7.02 |
| 525.96 | 8.41 | 569.85 | 7.86 | 613.51 | 7.37 | 656.95 | 7.01 |
| 526.57 | 8.40 | 570.46 | 7.85 | 614.12 | 7.36 | 657.55 | 7.01 |
| 527.19 | 8.38 | 571.07 | 7.86 | 614.72 | 7.35 | 658.15 | 7.00 |
| 527.80 | 8.37 | 571.67 | 7.86 | 615.33 | 7.35 | 658.75 | 6.99 |
| 528.41 | 8.36 | 572.28 | 7.84 | 615.93 | 7.35 | 659.36 | 6.98 |
| 529.02 | 8.35 | 572.89 | 7.83 | 616.54 | 7.35 | 659.96 | 6.97 |
| 529.63 | 8.34 | 573.50 | 7.82 | 617.14 | 7.34 | 660.56 | 6.97 |
| 530.24 | 8.34 | 574.10 | 7.81 | 617.74 | 7.33 | 661.16 | 6.96 |
| 530.85 | 8.34 | 574.71 | 7.81 | 618.35 | 7.33 | 661.76 | 6.96 |
| 531.46 | 8.34 | 575.32 | 7.82 | 618.95 | 7.33 | 662.36 | 6.96 |
| 532.07 | 8.34 | 575.93 | 7.81 | 619.56 | 7.32 | 662.96 | 6.95 |
| 532.68 | 8.34 | 576.53 | 7.80 | 620.16 | 7.32 | 663.57 | 6.95 |
| 533.29 | 8.33 | 577.14 | 7.79 | 620.77 | 7.32 | 664.17 | 6.95 |
| 533.90 | 8.32 | 577.75 | 7.77 | 621.37 | 7.33 | 664.77 | 6.94 |
| 534.51 | 8.31 | 578.36 | 7.79 | 621.98 | 7.33 | 665.37 | 6.95 |
| 535.12 | 8.29 | 578.96 | 7.78 | 622.58 | 7.32 | 665.97 | 6.94 |
| 535.73 | 8.27 | 579.57 | 7.76 | 623.18 | 7.32 | 666.57 | 6.95 |
| 536.35 | 8.26 | 580.18 | 7.76 | 623.79 | 7.32 | 667.17 | 6.95 |
| 536.96 | 8.25 | 580.79 | 7.76 | 624.39 | 7.30 | 667.77 | 6.94 |
| 537.57 | 8.23 | 581.39 | 7.75 | 625.00 | 7.29 | 668.38 | 6.94 |
| 538.18 | 8.23 | 582.00 | 7.74 | 625.60 | 7.29 | 668.98 | 6.94 |
| 538.79 | 8.22 | 582.61 | 7.73 | 626.20 | 7.25 | 669.58 | 6.94 |
| 539.40 | 8.21 | 583.21 | 7.73 | 626.81 | 7.23 | 670.18 | 6.93 |
| 540.01 | 8.21 | 583.82 | 7.72 | 627.41 | 7.23 | 670.78 | 6.91 |
| 540.62 | 8.21 | 584.43 | 7.71 | 628.02 | 7.22 | 671.38 | 6.90 |
| 541.23 | 8.20 | 585.04 | 7.69 | 628.62 | 7.22 | 671.98 | 6.88 |
| 541.84 | 8.19 | 585.64 | 7.69 | 629.22 | 7.21 | 672.58 | 6.88 |
| 542.45 | 8.18 | 586.25 | 7.67 | 629.83 | 7.21 | 673.18 | 6.87 |
| 543.06 | 8.17 | 586.86 | 7.66 | 630.43 | 7.19 | 673.78 | 6.87 |
| 543.67 | 8.17 | 587.46 | 7.66 | 631.03 | 7.18 | 674.38 | 6.85 |
| 544.28 | 8.17 | 588.07 | 7.66 | 631.64 | 7.19 | 674.98 | 6.85 |
| 544.89 | 8.16 | 588.68 | 7.65 | 632.24 | 7.19 | 675.58 | 6.84 |
| 545.50 | 8.15 | 589.28 | 7.63 | 632.84 | 7.19 | 676.18 | 6.83 |
| 546.11 | 8.13 | 589.89 | 7.62 | 633.45 | 7.18 | 676.78 | 6.82 |
| 546.71 | 8.13 | 590.50 | 7.61 | 634.05 | 7.19 | 677.38 | 6.81 |
| 547.32 | 8.13 | 591.10 | 7.61 | 634.66 | 7.19 | 677.98 | 6.80 |
| 547.93 | 8.11 | 591.71 | 7.59 | 635.26 | 7.19 | 678.58 | 6.80 |
| 548.54 | 8.11 | 592.31 | 7.59 | 635.86 | 7.18 | 679.18 | 6.80 |
| 549.15 | 8.10 | 592.92 | 7.58 | 636.47 | 7.17 | 679.79 | 6.79 |
| 549.76 | 8.10 | 593.53 | 7.57 | 637.07 | 7.16 | 680.39 | 6.80 |
| 550.37 | 8.08 | 594.13 | 7.57 | 637.67 | 7.15 | 680.99 | 6.79 |
| 550.98 | 8.08 | 594.74 | 7.55 | 638.27 | 7.14 | 681.59 | 6.79 |
| 551.59 | 8.07 | 595.35 | 7.55 | 638.88 | 7.13 | 682.19 | 6.79 |
| 552.20 | 8.05 | 595.95 | 7.55 | 639.48 | 7.11 | 682.79 | 6.79 |
| 552.81 | 8.06 | 596.56 | 7.54 | 640.08 | 7.09 | 683.38 | 6.79 |
| 553.42 | 8.05 | 597.16 | 7.53 | 640.69 | 7.09 | 683.98 | 6.78 |
| 554.03 | 8.05 | 597.77 | 7.53 | 641.29 | 7.09 | 684.58 | 6.78 |
| 554.64 | 8.05 | 598.38 | 7.53 | 641.89 | 7.08 | 685.18 | 6.77 |
| 555.25 | 8.02 | 598.98 | 7.51 | 642.50 | 7.08 | 685.78 | 6.77 |
| 555.85 | 8.02 | 599.59 | 7.50 | 643.10 | 7.08 | 686.38 | 6.76 |
| 556.46 | 8.01 | 600.19 | 7.51 | 643.70 | 7.08 | 686.98 | 6.75 |
| 557.07 | 8.02 | 600.80 | 7.51 | 644.30 | 7.09 | 687.58 | 6.76 |
| 557.68 | 8.01 | 601.41 | 7.48 | 644.91 | 7.09 | 688.18 | 6.75 |
| 558.29 | 8.01 | 602.01 | 7.46 | 645.51 | 7.08 | 688.78 | 6.74 |
| 558.90 | 8.01 | 602.62 | 7.45 | 646.11 | 7.07 | 689.38 | 6.73 |
| 559.51 | 8.00 | 603.22 | 7.45 | 646.71 | 7.07 | 689.98 | 6.73 |
| 560.12 | 8.00 | 603.83 | 7.44 | 647.32 | 7.10 | 690.58 | 6.71 |
| 560.72 | 8.00 | 604.43 | 7.44 | 647.92 | 7.08 | 691.18 | 6.71 |
| 561.33 | 7.99 | 605.04 | 7.45 | 648.52 | 7.07 | 691.78 | 6.71 |
| 561.94 | 7.98 | 605.64 | 7.44 | 649.12 | 7.06 | 692.38 | 6.70 |
| 562.55 | 7.97 | 606.25 | 7.42 | 649.73 | 7.05 | 692.98 | 6.70 |
| 563.16 | 7.95 | 606.86 | 7.44 | 650.33 | 7.04 | 693.58 | 6.69 |
| 563.77 | 7.95 | 607.46 | 7.43 | 650.93 | 7.04 | 694.18 | 6.69 |
| 564.38 | 7.93 | 608.07 | 7.43 | 651.53 | 7.04 | 694.77 | 6.69 |
| 564.98 | 7.93 | 608.67 | 7.41 | 652.13 | 7.04 | 695.37 | 6.68 |

| | | | |
|--------|------|-------------------|-----------------|
| 695.97 | 6.68 | 738.98 | 6.31 |
| 696.57 | 6.67 | 739.58 | 6.30 |
| 697.17 | 6.66 | 740.18 | 6.31 |
| 697.77 | 6.65 | 740.77 | 6.30 |
| 698.37 | 6.65 | 741.37 | 6.30 |
| 698.97 | 6.64 | 741.96 | 6.29 |
| 699.57 | 6.64 | 742.56 | 6.29 |
| 700.16 | 6.64 | 743.15 | 6.29 |
| 700.76 | 6.63 | 743.75 | 6.28 |
| 701.36 | 6.62 | 744.35 | 6.28 |
| 701.96 | 6.62 | 744.94 | 6.27 |
| 702.56 | 6.62 | 745.54 | 6.26 |
| 703.16 | 6.62 | 746.13 | 6.26 |
| 703.76 | 6.62 | 746.73 | 6.25 |
| 704.35 | 6.62 | 747.32 | 6.25 |
| 704.95 | 6.62 | 747.92 | 6.24 |
| 705.55 | 6.60 | 748.51 | 6.24 |
| 706.15 | 6.59 | 749.11 | 6.24 |
| 706.75 | 6.58 | 749.70 | 6.24 |
| 707.34 | 6.58 | 750.30 | 6.22 |
| 707.94 | 6.57 | 750.89 | 6.24 |
| 708.54 | 6.56 | 751.49 | 6.25 |
| 709.14 | 6.56 | 752.08 | 6.23 |
| 709.74 | 6.54 | 752.68 | 6.22 |
| 710.33 | 6.53 | 753.27 | 6.22 |
| 710.93 | 6.53 | 753.87 | 6.22 |
| 711.53 | 6.53 | 754.46 | 6.21 |
| 712.13 | 6.51 | 755.06 | 6.20 |
| 712.73 | 6.52 | 755.65 | 6.19 |
| 713.32 | 6.52 | 756.25 | 6.18 |
| 713.92 | 6.53 | 756.84 | 6.17 |
| 714.52 | 6.52 | 757.43 | 6.16 |
| 715.12 | 6.52 | 758.03 | 6.16 |
| 715.71 | 6.51 | 758.62 | 6.16 |
| 716.31 | 6.51 | 759.22 | 6.16 |
| 716.91 | 6.51 | 759.81 | 6.16 |
| 717.51 | 6.49 | 760.41 | 6.15 |
| 718.10 | 6.49 | 761.00 | 2.20 |
| 718.70 | 6.47 | | |
| 719.30 | 6.46 | | |
| 719.90 | 6.46 | | |
| 720.49 | 6.45 | | |
| 721.09 | 6.45 | | |
| 721.69 | 6.45 | | |
| 722.28 | 6.44 | | |
| 722.88 | 6.44 | | |
| 723.48 | 6.44 | | |
| 724.08 | 6.44 | | |
| 724.67 | 6.44 | | |
| 725.27 | 6.44 | | |
| 725.87 | 6.43 | | |
| 726.46 | 6.44 | | |
| 727.06 | 6.45 | | |
| 727.66 | 6.43 | | |
| 728.25 | 6.42 | | |
| 728.85 | 6.42 | | |
| 729.45 | 6.40 | | |
| 730.04 | 6.38 | | |
| 730.64 | 6.37 | | |
| 731.23 | 6.36 | | |
| 731.83 | 6.35 | | |
| 732.43 | 6.36 | | |
| 733.02 | 6.35 | | |
| 733.62 | 6.35 | | |
| 734.22 | 6.34 | | |
| 734.81 | 6.35 | | |
| 735.41 | 6.34 | | |
| 736.00 | 6.32 | | |
| 736.60 | 6.32 | | |
| 737.20 | 6.30 | | |
| 737.79 | 6.31 | | |
| 738.39 | 6.30 | | |

XBT-12

Cruise: 92G02
Date: Wed Jan 29 1992, Julian day = 29
Time: 01:30:56
Lat: 26 44.942n
Lon: 92 35.399w
Stn: 12

*Don't
Report*

| | | | | | | | |
|-----------------|------------------|-------|-------|--------|-------|--------|-------|
| 0.65 | 2.49 | 41.33 | 22.58 | 81.85 | 21.88 | 122.19 | 19.11 |
| 4.20 | 23.28 | 41.98 | 22.58 | 82.49 | 21.88 | 122.83 | 19.06 |
| 1.94 | 22.56 | 42.62 | 22.59 | 83.13 | 21.83 | 123.47 | 19.01 |
| 2.59 | 22.57 | 43.27 | 22.59 | 83.77 | 21.74 | 124.11 | 18.94 |
| 3.24 | 22.57 | 43.91 | 22.59 | 84.41 | 21.68 | 124.74 | 18.91 |
| 3.88 | 22.56 | 44.55 | 22.58 | 85.05 | 21.61 | 125.38 | 18.88 |
| 4.53 | 22.56 | 45.20 | 22.60 | 85.70 | 21.57 | 126.02 | 18.83 |
| 5.18 | 22.56 | 45.84 | 22.58 | 86.34 | 21.55 | 126.66 | 18.80 |
| 5.82 | 22.57 | 46.49 | 22.59 | 86.98 | 21.55 | 127.30 | 18.77 |
| 6.47 | 22.57 | 47.13 | 22.59 | 87.62 | 21.54 | 127.94 | 18.72 |
| 7.12 | 22.58 | 47.77 | 22.58 | 88.26 | 21.55 | 128.58 | 18.68 |
| 7.76 | 22.56 | 48.42 | 22.59 | 88.90 | 21.54 | 129.21 | 18.64 |
| 8.41 | 22.58 | 49.06 | 22.59 | 89.54 | 21.53 | 129.85 | 18.58 |
| 9.06 | 22.56 | 49.71 | 22.59 | 90.18 | 21.53 | 130.49 | 18.53 |
| 9.70 | 22.56 | 50.35 | 22.60 | 90.83 | 21.53 | 131.13 | 18.50 |
| 10.35 | 22.57 | 50.99 | 22.59 | 91.47 | 21.52 | 131.77 | 18.41 |
| 11.00 | 22.57 | 51.64 | 22.59 | 92.11 | 21.47 | 132.41 | 18.34 |
| 11.64 | 22.57 | 52.28 | 22.58 | 92.75 | 21.43 | 133.04 | 18.31 |
| 12.29 | 22.59 | 52.93 | 22.58 | 93.39 | 21.40 | 133.68 | 18.29 |
| 12.94 | 22.58 | 53.57 | 22.59 | 94.03 | 21.37 | 134.32 | 18.26 |
| 13.58 | 22.57 | 54.21 | 22.59 | 94.67 | 21.28 | 134.96 | 18.23 |
| 14.23 | 22.58 | 54.86 | 22.59 | 95.31 | 21.21 | 135.60 | 18.22 |
| 14.87 | 22.58 | 55.50 | 22.59 | 95.95 | 21.15 | 136.24 | 18.20 |
| 15.52 | 22.57 | 56.14 | 22.59 | 96.59 | 21.07 | 136.87 | 18.16 |
| 16.17 | 22.58 | 56.79 | 22.57 | 97.23 | 20.97 | 137.51 | 18.10 |
| 16.81 | 22.58 | 57.43 | 22.58 | 97.88 | 20.92 | 138.15 | 18.07 |
| 17.46 | 22.56 | 58.07 | 22.58 | 98.52 | 20.86 | 138.79 | 18.05 |
| 18.10 | 22.58 | 58.72 | 22.59 | 99.16 | 20.81 | 139.43 | 18.03 |
| 18.75 | 22.57 | 59.36 | 22.58 | 99.80 | 20.77 | 140.06 | 17.97 |
| 19.40 | 22.57 | 60.00 | 22.57 | 100.44 | 20.72 | 140.70 | 17.96 |
| 20.04 | 22.57 | 60.65 | 22.58 | 101.08 | 20.67 | 141.34 | 17.94 |
| 20.69 | 22.57 | 61.29 | 22.60 | 101.72 | 20.54 | 141.98 | 17.93 |
| 21.33 | 22.59 | 61.93 | 22.60 | 102.36 | 20.43 | 142.61 | 17.90 |
| 21.98 | 22.58 | 62.58 | 22.58 | 103.00 | 20.34 | 143.25 | 17.85 |
| 22.63 | 22.59 | 63.22 | 22.58 | 103.64 | 20.27 | 143.89 | 17.81 |
| 23.27 | 22.57 | 63.86 | 22.59 | 104.28 | 20.22 | 144.53 | 17.76 |
| 23.92 | 22.58 | 64.50 | 22.59 | 104.92 | 20.20 | 145.16 | 17.72 |
| 24.56 | 22.58 | 65.15 | 22.58 | 105.56 | 20.16 | 145.80 | 17.66 |
| 25.21 | 22.58 | 65.79 | 22.59 | 106.20 | 20.14 | 146.44 | 17.62 |
| 25.85 | 22.57 | 66.43 | 22.59 | 106.84 | 20.13 | 147.08 | 17.57 |
| 26.50 | 22.58 | 67.08 | 22.59 | 107.48 | 20.12 | 147.71 | 17.52 |
| 27.14 | 22.58 | 67.72 | 22.58 | 108.12 | 20.04 | 148.35 | 17.49 |
| 27.79 | 22.58 | 68.36 | 22.59 | 108.76 | 19.92 | 148.99 | 17.45 |
| 28.43 | 22.59 | 69.00 | 22.58 | 109.40 | 19.81 | 149.62 | 17.45 |
| 29.08 | 22.58 | 69.65 | 22.58 | 110.04 | 19.75 | 150.26 | 17.42 |
| 29.73 | 22.57 | 70.29 | 22.59 | 110.68 | 19.70 | 150.90 | 17.40 |
| 30.37 | 22.59 | 70.93 | 22.57 | 111.32 | 19.67 | 151.54 | 17.40 |
| 31.02 | 22.58 | 71.57 | 22.59 | 111.96 | 19.64 | 152.17 | 17.35 |
| 31.66 | 22.58 | 72.22 | 22.60 | 112.60 | 19.57 | 152.81 | 17.30 |
| 32.31 | 22.58 | 72.86 | 22.54 | 113.24 | 19.53 | 153.45 | 17.26 |
| 32.95 | 22.58 | 73.50 | 22.53 | 113.88 | 19.49 | 154.08 | 17.22 |
| 33.60 | 22.57 | 74.14 | 22.54 | 114.52 | 19.50 | 154.72 | 17.18 |
| 34.24 | 22.59 | 74.78 | 22.49 | 115.16 | 19.48 | 155.36 | 17.14 |
| 34.89 | 22.58 | 75.43 | 22.45 | 115.80 | 19.47 | 155.99 | 17.11 |
| 35.53 | 22.57 | 76.07 | 22.40 | 116.44 | 19.43 | 156.63 | 17.08 |
| 36.18 | 22.58 | 76.71 | 22.32 | 117.07 | 19.39 | 157.27 | 17.06 |
| 36.82 | 22.57 | 77.35 | 22.24 | 117.71 | 19.35 | 157.90 | 17.02 |
| 37.46 | 22.58 | 77.99 | 22.10 | 118.35 | 19.33 | 158.54 | 17.00 |
| 38.11 | 22.58 | 78.64 | 21.98 | 118.99 | 19.32 | 159.18 | 16.97 |
| 38.75 | 22.58 | 79.28 | 21.92 | 119.63 | 19.29 | 159.81 | 16.94 |
| 39.40 | 22.57 | 79.92 | 21.89 | 120.27 | 19.26 | 160.45 | 16.89 |
| 40.04 | 22.58 | 80.56 | 21.88 | 120.91 | 19.25 | 161.09 | 16.87 |
| 40.69 | 22.57 | 81.20 | 21.86 | 121.55 | 19.19 | 161.72 | 16.81 |

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|--------|-------|--------|-------|--------|-------|--------|-------|
| 162.36 | 16.77 | 208.06 | 15.20 | 253.53 | 13.40 | 298.79 | 12.17 |
| 163.00 | 16.75 | 208.69 | 15.19 | 254.16 | 13.37 | 299.41 | 12.16 |
| 163.63 | 16.73 | 209.32 | 15.13 | 254.79 | 13.33 | 300.04 | 12.14 |
| 164.27 | 16.73 | 209.96 | 15.13 | 255.42 | 13.29 | 300.67 | 12.15 |
| 164.90 | 16.71 | 210.59 | 15.09 | 256.05 | 13.27 | 301.29 | 12.15 |
| 165.54 | 16.70 | 211.22 | 15.08 | 256.68 | 13.24 | 301.92 | 12.14 |
| 166.18 | 16.67 | 211.86 | 15.04 | 257.31 | 13.21 | 302.55 | 12.13 |
| 166.81 | 16.67 | 212.49 | 15.03 | 257.94 | 13.22 | 303.17 | 12.11 |
| 167.45 | 16.64 | 213.12 | 15.03 | 258.57 | 13.21 | 303.80 | 12.08 |
| 168.08 | 16.61 | 213.76 | 15.02 | 259.20 | 13.18 | 304.43 | 12.07 |
| 168.72 | 16.58 | 214.39 | 15.00 | 259.83 | 13.15 | 305.05 | 12.03 |
| 169.36 | 16.55 | 215.02 | 14.97 | 260.46 | 13.11 | 305.68 | 11.98 |
| 169.99 | 16.52 | 215.65 | 14.95 | 261.09 | 13.09 | 306.31 | 11.97 |
| 170.63 | 16.48 | 216.29 | 14.94 | 261.72 | 13.08 | 306.93 | 11.93 |
| 171.26 | 16.47 | 216.92 | 14.91 | 262.35 | 13.06 | 307.56 | 11.88 |
| 171.90 | 16.43 | 217.55 | 14.88 | 262.98 | 13.06 | 308.18 | 11.88 |
| 172.53 | 16.39 | 218.18 | 14.86 | 263.61 | 13.03 | 308.81 | 11.85 |
| 173.17 | 16.37 | 218.82 | 14.85 | 264.24 | 12.98 | 309.44 | 11.82 |
| 173.80 | 16.38 | 219.45 | 14.84 | 264.87 | 12.98 | 310.06 | 11.78 |
| 174.44 | 16.36 | 220.08 | 14.82 | 265.50 | 12.95 | 310.69 | 11.76 |
| 175.08 | 16.30 | 220.71 | 14.79 | 266.13 | 12.95 | 311.32 | 11.72 |
| 175.71 | 16.27 | 221.35 | 14.79 | 266.76 | 12.93 | 311.94 | 11.72 |
| 176.35 | 16.22 | 221.98 | 14.76 | 267.38 | 12.89 | 312.57 | 11.69 |
| 176.98 | 16.21 | 222.61 | 14.74 | 268.01 | 12.87 | 313.19 | 11.68 |
| 177.62 | 16.19 | 223.24 | 14.72 | 268.64 | 12.83 | 313.82 | 11.67 |
| 178.25 | 16.16 | 223.87 | 14.69 | 269.27 | 12.84 | 314.45 | 11.64 |
| 178.89 | 16.14 | 224.51 | 14.66 | 269.90 | 12.82 | 315.07 | 11.64 |
| 179.52 | 16.14 | 225.14 | 14.61 | 270.53 | 12.83 | 315.70 | 11.62 |
| 180.16 | 16.12 | 225.77 | 14.59 | 271.16 | 12.82 | 316.32 | 11.63 |
| 180.79 | 16.08 | 226.40 | 14.54 | 271.79 | 12.81 | 316.95 | 11.61 |
| 181.43 | 16.06 | 227.03 | 14.54 | 272.42 | 12.80 | 317.57 | 11.62 |
| 182.06 | 16.05 | 227.67 | 14.51 | 273.04 | 12.77 | 318.20 | 11.57 |
| 182.70 | 16.05 | 228.30 | 14.51 | 273.67 | 12.76 | 318.83 | 11.57 |
| 183.33 | 16.02 | 228.93 | 14.48 | 274.30 | 12.76 | 319.45 | 11.55 |
| 183.97 | 16.01 | 229.56 | 14.46 | 274.93 | 12.76 | 320.08 | 11.54 |
| 184.60 | 16.00 | 230.19 | 14.46 | 275.56 | 12.74 | 320.70 | 11.54 |
| 185.24 | 15.97 | 230.82 | 14.46 | 276.19 | 12.72 | 321.33 | 11.53 |
| 185.87 | 15.96 | 231.46 | 14.45 | 276.82 | 12.68 | 321.95 | 11.50 |
| 186.51 | 15.93 | 232.09 | 14.42 | 277.44 | 12.69 | 322.58 | 11.48 |
| 187.14 | 15.94 | 232.72 | 14.39 | 278.07 | 12.68 | 323.20 | 11.49 |
| 187.78 | 15.89 | 233.35 | 14.35 | 278.70 | 12.68 | 323.83 | 11.48 |
| 188.41 | 15.87 | 233.98 | 14.28 | 279.33 | 12.64 | 324.45 | 11.48 |
| 189.04 | 15.83 | 234.61 | 14.25 | 279.96 | 12.64 | 325.08 | 11.45 |
| 189.68 | 15.82 | 235.24 | 14.22 | 280.59 | 12.60 | 325.70 | 11.44 |
| 190.31 | 15.80 | 235.88 | 14.19 | 281.21 | 12.60 | 326.33 | 11.44 |
| 190.95 | 15.79 | 236.51 | 14.16 | 281.84 | 12.57 | 326.95 | 11.43 |
| 191.58 | 15.76 | 237.14 | 14.15 | 282.47 | 12.57 | 327.58 | 11.42 |
| 192.22 | 15.74 | 237.77 | 14.12 | 283.10 | 12.56 | 328.20 | 11.41 |
| 192.85 | 15.72 | 238.40 | 14.09 | 283.73 | 12.54 | 328.83 | 11.40 |
| 193.48 | 15.70 | 239.03 | 14.06 | 284.35 | 12.52 | 329.45 | 11.37 |
| 194.12 | 15.67 | 239.66 | 14.05 | 284.98 | 12.49 | 330.08 | 11.37 |
| 194.75 | 15.62 | 240.29 | 14.02 | 285.61 | 12.47 | 330.70 | 11.38 |
| 195.39 | 15.62 | 240.92 | 13.98 | 286.24 | 12.45 | 331.33 | 11.35 |
| 196.02 | 15.58 | 241.56 | 13.97 | 286.87 | 12.42 | 331.95 | 11.34 |
| 196.65 | 15.58 | 242.19 | 13.94 | 287.49 | 12.42 | 332.58 | 11.35 |
| 197.29 | 15.55 | 242.82 | 13.92 | 288.12 | 12.39 | 333.20 | 11.34 |
| 197.92 | 15.51 | 243.45 | 13.89 | 288.75 | 12.38 | 333.83 | 11.33 |
| 198.56 | 15.52 | 244.08 | 13.87 | 289.38 | 12.35 | 334.45 | 11.33 |
| 199.19 | 15.50 | 244.71 | 13.82 | 290.00 | 12.32 | 335.08 | 11.30 |
| 199.82 | 15.48 | 245.34 | 13.81 | 290.63 | 12.32 | 335.70 | 11.29 |
| 200.46 | 15.47 | 245.97 | 13.77 | 291.26 | 12.31 | 336.32 | 11.27 |
| 201.09 | 15.42 | 246.60 | 13.75 | 291.89 | 12.29 | 336.95 | 11.26 |
| 201.72 | 15.39 | 247.23 | 13.69 | 292.51 | 12.30 | 337.57 | 11.27 |
| 202.36 | 15.38 | 247.86 | 13.62 | 293.14 | 12.29 | 338.20 | 11.26 |
| 202.99 | 15.36 | 248.49 | 13.58 | 293.77 | 12.27 | 338.82 | 11.25 |
| 203.63 | 15.34 | 249.12 | 13.55 | 294.40 | 12.29 | 339.45 | 11.23 |
| 204.26 | 15.31 | 249.75 | 13.50 | 295.02 | 12.26 | 340.07 | 11.23 |
| 204.89 | 15.30 | 250.38 | 13.49 | 295.65 | 12.25 | 340.69 | 11.21 |
| 205.53 | 15.27 | 251.01 | 13.47 | 296.28 | 12.23 | 341.32 | 11.19 |
| 206.16 | 15.26 | 251.64 | 13.47 | 296.90 | 12.21 | 341.94 | 11.19 |
| 206.79 | 15.23 | 252.27 | 13.42 | 297.53 | 12.19 | 342.57 | 11.17 |
| 207.43 | 15.23 | 252.90 | 13.42 | 298.16 | 12.17 | 343.19 | 11.20 |

| | | | | | | | |
|--------|-------|--------|-------|--------|------|--------|------|
| 343.81 | 11.17 | 388.62 | 10.19 | 433.20 | 9.54 | 477.55 | 8.83 |
| 344.44 | 11.18 | 389.24 | 10.16 | 433.81 | 9.53 | 478.17 | 8.81 |
| 345.06 | 11.11 | 389.86 | 10.15 | 434.43 | 9.51 | 478.78 | 8.82 |
| 345.68 | 11.06 | 390.48 | 10.16 | 435.05 | 9.49 | 479.40 | 8.81 |
| 346.31 | 11.05 | 391.10 | 10.14 | 435.67 | 9.47 | 480.01 | 8.79 |
| 346.93 | 11.04 | 391.72 | 10.14 | 436.28 | 9.46 | 480.62 | 8.78 |
| 347.56 | 11.04 | 392.34 | 10.14 | 436.90 | 9.47 | 481.24 | 8.78 |
| 348.18 | 11.04 | 392.96 | 10.12 | 437.52 | 9.46 | 481.85 | 8.79 |
| 348.80 | 11.02 | 393.58 | 10.12 | 438.14 | 9.43 | 482.47 | 8.78 |
| 349.43 | 11.01 | 394.20 | 10.12 | 438.75 | 9.43 | 483.08 | 8.79 |
| 350.05 | 10.99 | 394.82 | 10.11 | 439.37 | 9.42 | 483.70 | 8.75 |
| 350.67 | 10.99 | 395.44 | 10.10 | 439.99 | 9.40 | 484.31 | 8.75 |
| 351.30 | 10.99 | 396.06 | 10.08 | 440.60 | 9.40 | 484.92 | 8.72 |
| 351.92 | 10.98 | 396.68 | 10.08 | 441.22 | 9.37 | 485.54 | 8.73 |
| 352.54 | 10.97 | 397.30 | 10.05 | 441.84 | 9.37 | 486.15 | 8.71 |
| 353.17 | 10.95 | 397.92 | 10.04 | 442.46 | 9.36 | 486.77 | 8.71 |
| 353.79 | 10.95 | 398.54 | 10.01 | 443.07 | 9.37 | 487.38 | 8.70 |
| 354.41 | 10.94 | 399.16 | 9.99 | 443.69 | 9.34 | 487.99 | 8.67 |
| 355.04 | 10.92 | 399.78 | 9.98 | 444.31 | 9.33 | 488.61 | 8.68 |
| 355.66 | 10.92 | 400.40 | 9.98 | 444.92 | 9.32 | 489.22 | 8.67 |
| 356.28 | 10.91 | 401.02 | 9.96 | 445.54 | 9.31 | 489.83 | 8.67 |
| 356.90 | 10.87 | 401.64 | 9.94 | 446.16 | 9.32 | 490.45 | 8.66 |
| 357.53 | 10.87 | 402.26 | 9.93 | 446.77 | 9.29 | 491.06 | 8.66 |
| 358.15 | 10.84 | 402.88 | 9.94 | 447.39 | 9.29 | 491.67 | 8.66 |
| 358.77 | 10.80 | 403.50 | 9.93 | 448.01 | 9.29 | 492.29 | 8.64 |
| 359.40 | 10.79 | 404.12 | 9.92 | 448.62 | 9.28 | 492.90 | 8.65 |
| 360.02 | 10.75 | 404.74 | 9.92 | 449.24 | 9.26 | 493.51 | 8.65 |
| 360.64 | 10.76 | 405.36 | 9.90 | 449.86 | 9.28 | 494.13 | 8.65 |
| 361.26 | 10.74 | 405.98 | 9.92 | 450.47 | 9.27 | 494.74 | 8.64 |
| 361.89 | 10.75 | 406.60 | 9.89 | 451.09 | 9.26 | 495.35 | 8.62 |
| 362.51 | 10.74 | 407.22 | 9.88 | 451.71 | 9.26 | 495.97 | 8.62 |
| 363.13 | 10.73 | 407.84 | 9.88 | 452.32 | 9.25 | 496.58 | 8.60 |
| 363.75 | 10.73 | 408.46 | 9.87 | 452.94 | 9.25 | 497.19 | 8.59 |
| 364.38 | 10.72 | 409.08 | 9.86 | 453.55 | 9.23 | 497.81 | 8.57 |
| 365.00 | 10.69 | 409.70 | 9.85 | 454.17 | 9.23 | 498.42 | 8.56 |
| 365.62 | 10.67 | 410.32 | 9.84 | 454.79 | 9.21 | 499.03 | 8.55 |
| 366.24 | 10.65 | 410.93 | 9.82 | 455.40 | 9.22 | 499.65 | 8.53 |
| 366.87 | 10.64 | 411.55 | 9.80 | 456.02 | 9.20 | 500.26 | 8.54 |
| 367.49 | 10.64 | 412.17 | 9.80 | 456.63 | 9.22 | 500.87 | 8.53 |
| 368.11 | 10.62 | 412.79 | 9.79 | 457.25 | 9.21 | 501.49 | 8.52 |
| 368.73 | 10.60 | 413.41 | 9.79 | 457.87 | 9.21 | 502.10 | 8.52 |
| 369.35 | 10.56 | 414.03 | 9.76 | 458.48 | 9.18 | 502.71 | 8.51 |
| 369.98 | 10.54 | 414.65 | 9.77 | 459.10 | 9.19 | 503.32 | 8.51 |
| 370.60 | 10.52 | 415.27 | 9.76 | 459.71 | 9.18 | 503.94 | 8.50 |
| 371.22 | 10.52 | 415.89 | 9.76 | 460.33 | 9.17 | 504.55 | 8.47 |
| 371.84 | 10.50 | 416.51 | 9.75 | 460.95 | 9.12 | 505.16 | 8.46 |
| 372.46 | 10.49 | 417.12 | 9.74 | 461.56 | 9.10 | 505.77 | 8.44 |
| 373.09 | 10.48 | 417.74 | 9.72 | 462.18 | 9.08 | 506.39 | 8.42 |
| 373.71 | 10.43 | 418.36 | 9.72 | 462.79 | 9.06 | 507.00 | 8.40 |
| 374.33 | 10.41 | 418.98 | 9.71 | 463.41 | 9.04 | 507.61 | 8.41 |
| 374.95 | 10.40 | 419.60 | 9.70 | 464.02 | 9.02 | 508.22 | 8.40 |
| 375.57 | 10.38 | 420.22 | 9.70 | 464.64 | 9.02 | 508.84 | 8.40 |
| 376.19 | 10.35 | 420.84 | 9.70 | 465.25 | 9.01 | 509.45 | 8.39 |
| 376.82 | 10.35 | 421.45 | 9.67 | 465.87 | 9.01 | 510.06 | 8.37 |
| 377.44 | 10.34 | 422.07 | 9.68 | 466.48 | 9.00 | 510.67 | 8.37 |
| 378.06 | 10.34 | 422.69 | 9.66 | 467.10 | 8.98 | 511.28 | 8.36 |
| 378.68 | 10.34 | 423.31 | 9.64 | 467.72 | 9.00 | 511.90 | 8.34 |
| 379.30 | 10.32 | 423.93 | 9.65 | 468.33 | 8.98 | 512.51 | 8.35 |
| 379.92 | 10.31 | 424.55 | 9.64 | 468.95 | 8.96 | 513.12 | 8.33 |
| 380.54 | 10.30 | 425.16 | 9.62 | 469.56 | 8.93 | 513.73 | 8.30 |
| 381.17 | 10.27 | 425.78 | 9.63 | 470.18 | 8.89 | 514.34 | 8.30 |
| 381.79 | 10.27 | 426.40 | 9.61 | 470.79 | 8.88 | 514.96 | 8.30 |
| 382.41 | 10.27 | 427.02 | 9.61 | 471.41 | 8.88 | 515.57 | 8.29 |
| 383.03 | 10.25 | 427.64 | 9.60 | 472.02 | 8.87 | 516.18 | 8.29 |
| 383.65 | 10.23 | 428.25 | 9.59 | 472.64 | 8.86 | 516.79 | 8.30 |
| 384.27 | 10.22 | 428.87 | 9.59 | 473.25 | 8.87 | 517.40 | 8.29 |
| 384.89 | 10.21 | 429.49 | 9.57 | 473.86 | 8.85 | 518.02 | 8.28 |
| 385.51 | 10.18 | 430.11 | 9.58 | 474.48 | 8.85 | 518.63 | 8.27 |
| 386.13 | 10.19 | 430.73 | 9.57 | 475.09 | 8.84 | 519.24 | 8.27 |
| 386.75 | 10.19 | 431.34 | 9.56 | 475.71 | 8.84 | 519.85 | 8.25 |
| 387.38 | 10.17 | 431.96 | 9.56 | 476.32 | 8.84 | 520.46 | 8.22 |
| 388.00 | 10.17 | 432.58 | 9.54 | 476.94 | 8.82 | 521.07 | 8.23 |

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|--------|------|--------|------|--------|------|--------|------|
| 521.68 | 8.20 | 565.59 | 7.71 | 609.28 | 7.19 | 652.74 | 6.84 |
| 522.30 | 8.19 | 566.20 | 7.72 | 609.88 | 7.20 | 653.34 | 6.84 |
| 522.91 | 8.19 | 566.81 | 7.71 | 610.49 | 7.19 | 653.94 | 6.84 |
| 523.52 | 8.20 | 567.42 | 7.69 | 611.09 | 7.17 | 654.54 | 6.82 |
| 524.13 | 8.19 | 568.03 | 7.69 | 611.70 | 7.16 | 655.14 | 6.83 |
| 524.74 | 8.17 | 568.63 | 7.70 | 612.30 | 7.16 | 655.75 | 6.81 |
| 525.35 | 8.17 | 569.24 | 7.70 | 612.91 | 7.15 | 656.35 | 6.83 |
| 525.96 | 8.16 | 569.85 | 7.68 | 613.51 | 7.16 | 656.95 | 6.81 |
| 526.57 | 8.14 | 570.46 | 7.66 | 614.12 | 7.16 | 657.55 | 6.81 |
| 527.19 | 8.12 | 571.07 | 7.65 | 614.72 | 7.16 | 658.15 | 6.81 |
| 527.80 | 8.12 | 571.67 | 7.65 | 615.33 | 7.16 | 658.75 | 6.80 |
| 528.41 | 8.11 | 572.28 | 7.63 | 615.93 | 7.14 | 659.36 | 6.81 |
| 529.02 | 8.10 | 572.89 | 7.60 | 616.54 | 7.14 | 659.96 | 6.79 |
| 529.63 | 8.08 | 573.50 | 7.59 | 617.14 | 7.13 | 660.56 | 6.79 |
| 530.24 | 8.09 | 574.10 | 7.61 | 617.74 | 7.12 | 661.16 | 6.78 |
| 530.85 | 8.08 | 574.71 | 7.60 | 618.35 | 7.14 | 661.76 | 6.78 |
| 531.46 | 8.06 | 575.32 | 7.60 | 618.95 | 7.12 | 662.36 | 6.78 |
| 532.07 | 8.08 | 575.93 | 7.58 | 619.56 | 7.12 | 662.96 | 6.78 |
| 532.68 | 8.06 | 576.53 | 7.59 | 620.16 | 7.09 | 663.57 | 6.77 |
| 533.29 | 8.05 | 577.14 | 7.58 | 620.77 | 7.08 | 664.17 | 6.78 |
| 533.90 | 8.06 | 577.75 | 7.56 | 621.37 | 7.09 | 664.77 | 6.76 |
| 534.51 | 8.03 | 578.36 | 7.56 | 621.98 | 7.10 | 665.37 | 6.76 |
| 535.12 | 8.01 | 578.96 | 7.54 | 622.58 | 7.08 | 665.97 | 6.75 |
| 535.73 | 7.99 | 579.57 | 7.51 | 623.18 | 7.07 | 666.57 | 6.76 |
| 536.35 | 7.96 | 580.18 | 7.52 | 623.79 | 7.08 | 667.17 | 6.76 |
| 536.96 | 7.97 | 580.79 | 7.50 | 624.39 | 7.07 | 667.77 | 6.75 |
| 537.57 | 7.94 | 581.39 | 7.49 | 625.00 | 7.06 | 668.38 | 6.74 |
| 538.18 | 7.95 | 582.00 | 7.49 | 625.60 | 7.04 | 668.98 | 6.73 |
| 538.79 | 7.94 | 582.61 | 7.49 | 626.20 | 7.04 | 669.58 | 6.75 |
| 539.40 | 7.92 | 583.21 | 7.50 | 626.81 | 7.04 | 670.18 | 6.72 |
| 540.01 | 7.91 | 583.82 | 7.49 | 627.41 | 7.02 | 670.78 | 6.72 |
| 540.62 | 7.92 | 584.43 | 7.48 | 628.02 | 7.00 | 671.38 | 6.71 |
| 541.23 | 7.91 | 585.04 | 7.46 | 628.62 | 7.00 | 671.98 | 6.70 |
| 541.84 | 7.91 | 585.64 | 7.45 | 629.22 | 6.97 | 672.58 | 6.71 |
| 542.45 | 7.90 | 586.25 | 7.44 | 629.83 | 6.97 | 673.18 | 6.71 |
| 543.06 | 7.92 | 586.86 | 7.43 | 630.43 | 6.96 | 673.78 | 6.72 |
| 543.67 | 7.92 | 587.46 | 7.43 | 631.03 | 6.95 | 674.38 | 6.70 |
| 544.28 | 7.90 | 588.07 | 7.44 | 631.64 | 6.94 | 674.98 | 6.69 |
| 544.89 | 7.91 | 588.68 | 7.42 | 632.24 | 6.92 | 675.58 | 6.68 |
| 545.50 | 7.91 | 589.28 | 7.41 | 632.84 | 6.93 | 676.18 | 6.68 |
| 546.11 | 7.91 | 589.89 | 7.42 | 633.45 | 6.92 | 676.78 | 6.67 |
| 546.71 | 7.90 | 590.50 | 7.40 | 634.05 | 6.91 | 677.38 | 6.66 |
| 547.32 | 7.92 | 591.10 | 7.40 | 634.66 | 6.92 | 677.98 | 6.66 |
| 547.93 | 7.89 | 591.71 | 7.39 | 635.26 | 6.91 | 678.58 | 6.66 |
| 548.54 | 7.90 | 592.31 | 7.39 | 635.86 | 6.91 | 679.18 | 6.66 |
| 549.15 | 7.90 | 592.92 | 7.37 | 636.47 | 6.91 | 679.79 | 6.65 |
| 549.76 | 7.87 | 593.53 | 7.36 | 637.07 | 6.91 | 680.39 | 6.65 |
| 550.37 | 7.86 | 594.13 | 7.38 | 637.67 | 6.90 | 680.99 | 6.65 |
| 550.98 | 7.84 | 594.74 | 7.37 | 638.27 | 6.91 | 681.59 | 6.64 |
| 551.59 | 7.83 | 595.35 | 7.35 | 638.88 | 6.90 | 682.19 | 6.64 |
| 552.20 | 7.84 | 595.95 | 7.36 | 639.48 | 6.91 | 682.79 | 6.64 |
| 552.81 | 7.82 | 596.56 | 7.32 | 640.08 | 6.91 | 683.38 | 6.63 |
| 553.42 | 7.81 | 597.16 | 7.31 | 640.69 | 6.90 | 683.98 | 6.61 |
| 554.03 | 7.82 | 597.77 | 7.31 | 641.29 | 6.90 | 684.58 | 6.61 |
| 554.64 | 7.80 | 598.38 | 7.28 | 641.89 | 6.90 | 685.18 | 6.59 |
| 555.25 | 7.79 | 598.98 | 7.27 | 642.50 | 6.91 | 685.78 | 6.57 |
| 555.85 | 7.79 | 599.59 | 7.29 | 643.10 | 6.90 | 686.38 | 6.56 |
| 556.46 | 7.79 | 600.19 | 7.29 | 643.70 | 6.89 | 686.98 | 6.56 |
| 557.07 | 7.79 | 600.80 | 7.27 | 644.30 | 6.90 | 687.58 | 6.55 |
| 557.68 | 7.79 | 601.41 | 7.26 | 644.91 | 6.89 | 688.18 | 6.54 |
| 558.29 | 7.79 | 602.01 | 7.26 | 645.51 | 6.91 | 688.78 | 6.52 |
| 558.90 | 7.79 | 602.62 | 7.24 | 646.11 | 6.89 | 689.38 | 6.53 |
| 559.51 | 7.79 | 603.22 | 7.23 | 646.71 | 6.87 | 689.98 | 6.51 |
| 560.12 | 7.78 | 603.83 | 7.22 | 647.32 | 6.87 | 690.58 | 6.52 |
| 560.72 | 7.79 | 604.43 | 7.22 | 647.92 | 6.87 | 691.18 | 6.50 |
| 561.33 | 7.79 | 605.04 | 7.21 | 648.52 | 6.86 | 691.78 | 6.49 |
| 561.94 | 7.79 | 605.64 | 7.21 | 649.12 | 6.84 | 692.38 | 6.49 |
| 562.55 | 7.78 | 606.25 | 7.21 | 649.73 | 6.84 | 692.98 | 6.49 |
| 563.16 | 7.77 | 606.86 | 7.20 | 650.33 | 6.85 | 693.58 | 6.48 |
| 563.77 | 7.75 | 607.46 | 7.19 | 650.93 | 6.84 | 694.18 | 6.47 |
| 564.38 | 7.73 | 608.07 | 7.20 | 651.53 | 6.82 | 694.77 | 6.46 |
| 564.98 | 7.74 | 608.67 | 7.18 | 652.13 | 6.84 | 695.37 | 6.46 |

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|--------|------|-------------------|-----------------|
| 695.97 | 6.45 | 738.98 | 6.15 |
| 696.57 | 6.47 | 739.58 | 6.14 |
| 697.17 | 6.45 | 740.18 | 6.14 |
| 697.77 | 6.44 | 740.77 | 6.12 |
| 698.37 | 6.46 | 741.37 | 6.14 |
| 698.97 | 6.45 | 741.96 | 6.13 |
| 699.57 | 6.43 | 742.56 | 6.13 |
| 700.16 | 6.44 | 743.15 | 6.12 |
| 700.76 | 6.41 | 743.75 | 6.12 |
| 701.36 | 6.40 | 744.35 | 6.12 |
| 701.96 | 6.39 | 744.94 | 6.12 |
| 702.56 | 6.38 | 745.54 | 6.11 |
| 703.16 | 6.39 | 746.13 | 6.11 |
| 703.76 | 6.38 | 746.73 | 6.10 |
| 704.35 | 6.37 | 747.32 | 6.09 |
| 704.95 | 6.37 | 747.92 | 6.10 |
| 705.55 | 6.37 | 748.51 | 6.09 |
| 706.15 | 6.35 | 749.11 | 6.10 |
| 706.75 | 6.33 | 749.70 | 6.09 |
| 707.34 | 6.33 | 750.30 | 6.10 |
| 707.94 | 6.33 | 750.89 | 6.09 |
| 708.54 | 6.33 | 751.49 | 6.09 |
| 709.14 | 6.34 | 752.08 | 6.10 |
| 709.74 | 6.34 | 752.68 | 6.09 |
| 710.33 | 6.33 | 753.27 | 6.08 |
| 710.93 | 6.32 | 753.87 | 6.09 |
| 711.53 | 6.32 | 754.46 | 6.09 |
| 712.13 | 6.33 | 755.06 | 6.09 |
| 712.73 | 6.32 | 755.65 | 6.07 |
| 713.32 | 6.31 | 756.25 | 6.08 |
| 713.92 | 6.28 | 756.84 | 6.07 |
| 714.52 | 6.30 | 757.43 | 6.08 |
| 715.12 | 6.27 | 758.03 | 6.06 |
| 715.71 | 6.27 | 758.62 | 6.07 |
| 716.31 | 6.29 | 759.22 | 6.07 |
| 716.91 | 6.26 | 759.81 | 6.05 |
| 717.51 | 6.28 | 760.41 | 6.06 |
| 718.10 | 6.27 | 761.00 | 6.19 |
| 718.70 | 6.27 | | |
| 719.30 | 6.27 | | |
| 719.90 | 6.26 | | |
| 720.49 | 6.27 | | |
| 721.09 | 6.26 | | |
| 721.69 | 6.25 | | |
| 722.28 | 6.24 | | |
| 722.88 | 6.25 | | |
| 723.48 | 6.24 | | |
| 724.08 | 6.22 | | |
| 724.67 | 6.22 | | |
| 725.27 | 6.20 | | |
| 725.87 | 6.20 | | |
| 726.46 | 6.21 | | |
| 727.06 | 6.19 | | |
| 727.66 | 6.19 | | |
| 728.25 | 6.19 | | |
| 728.85 | 6.20 | | |
| 729.45 | 6.19 | | |
| 730.04 | 6.18 | | |
| 730.64 | 6.16 | | |
| 731.23 | 6.15 | | |
| 731.83 | 6.16 | | |
| 732.43 | 6.16 | | |
| 733.02 | 6.16 | | |
| 733.62 | 6.16 | | |
| 734.22 | 6.17 | | |
| 734.81 | 6.16 | | |
| 735.41 | 6.15 | | |
| 736.00 | 6.15 | | |
| 736.60 | 6.15 | | |
| 737.20 | 6.15 | | |
| 737.79 | 6.13 | | |
| 738.39 | 6.16 | | |

XBT-13

Cruise: 92G02
Date: Wed Jan 29 1992, Julian day = 29
Time: 03:40:00
Lat: 27 00n
Lon: 92 48w
Stn: 13

Handwritten notes:
20m
27m

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|-----------------|------------------|-------|-------|--------|-------|--------|-------|
| 0.65 | 2.20 | 40.69 | 21.56 | 81.20 | 21.33 | 121.55 | 17.95 |
| 1.29 | 21.80 | 41.33 | 21.58 | 81.85 | 21.34 | 122.19 | 17.85 |
| 1.94 | 21.72 | 41.98 | 21.57 | 82.49 | 21.34 | 122.83 | 17.81 |
| 2.59 | 21.64 | 42.62 | 21.57 | 83.13 | 21.32 | 123.47 | 17.75 |
| 3.24 | 21.62 | 43.27 | 21.57 | 83.77 | 21.32 | 124.11 | 17.71 |
| 3.88 | 21.61 | 43.91 | 21.57 | 84.41 | 21.32 | 124.74 | 17.69 |
| 4.53 | 21.61 | 44.55 | 21.58 | 85.05 | 21.33 | 125.38 | 17.66 |
| 5.18 | 21.61 | 45.20 | 21.57 | 85.70 | 21.31 | 126.02 | 17.65 |
| 5.82 | 21.60 | 45.84 | 21.57 | 86.34 | 21.31 | 126.66 | 17.65 |
| 6.47 | 21.60 | 46.49 | 21.57 | 86.98 | 21.33 | 127.30 | 17.64 |
| 7.12 | 21.60 | 47.13 | 21.56 | 87.62 | 21.31 | 127.94 | 17.62 |
| 7.76 | 21.60 | 47.77 | 21.56 | 88.26 | 21.26 | 128.58 | 17.57 |
| 8.41 | 21.61 | 48.42 | 21.54 | 88.90 | 21.16 | 129.21 | 17.53 |
| 9.06 | 21.60 | 49.06 | 21.55 | 89.54 | 21.03 | 129.85 | 17.49 |
| 9.70 | 21.60 | 49.71 | 21.56 | 90.18 | 20.88 | 130.49 | 17.44 |
| 10.35 | 21.60 | 50.35 | 21.55 | 90.83 | 20.49 | 131.13 | 17.42 |
| 11.00 | 21.61 | 50.99 | 21.54 | 91.47 | 20.21 | 131.77 | 17.40 |
| 11.64 | 21.61 | 51.64 | 21.55 | 92.11 | 20.09 | 132.41 | 17.37 |
| 12.29 | 21.60 | 52.28 | 21.53 | 92.75 | 20.01 | 133.04 | 17.33 |
| 12.94 | 21.61 | 52.93 | 21.52 | 93.39 | 19.93 | 133.68 | 17.28 |
| 13.58 | 21.60 | 53.57 | 21.51 | 94.03 | 19.88 | 134.32 | 17.20 |
| 14.23 | 21.60 | 54.21 | 21.50 | 94.67 | 19.83 | 134.96 | 17.11 |
| 14.87 | 21.60 | 54.86 | 21.49 | 95.31 | 19.79 | 135.60 | 17.07 |
| 15.52 | 21.61 | 55.50 | 21.49 | 95.95 | 19.70 | 136.24 | 17.04 |
| 16.17 | 21.61 | 56.14 | 21.47 | 96.59 | 19.61 | 136.87 | 17.01 |
| 16.81 | 21.62 | 56.79 | 21.46 | 97.23 | 19.58 | 137.51 | 16.99 |
| 17.46 | 21.61 | 57.43 | 21.43 | 97.88 | 19.55 | 138.15 | 16.95 |
| 18.10 | 21.60 | 58.07 | 21.41 | 98.52 | 19.56 | 138.79 | 16.92 |
| 18.75 | 21.61 | 58.72 | 21.42 | 99.16 | 19.53 | 139.43 | 16.90 |
| 19.40 | 21.60 | 59.36 | 21.41 | 99.80 | 19.53 | 140.06 | 16.88 |
| 20.04 | 21.60 | 60.00 | 21.41 | 100.44 | 19.48 | 140.70 | 16.86 |
| 20.69 | 21.61 | 60.65 | 21.41 | 101.08 | 19.47 | 141.34 | 16.84 |
| 21.33 | 21.60 | 61.29 | 21.41 | 101.72 | 19.46 | 141.98 | 16.84 |
| 21.98 | 21.61 | 61.93 | 21.40 | 102.36 | 19.46 | 142.61 | 16.79 |
| 22.63 | 21.61 | 62.58 | 21.39 | 103.00 | 19.45 | 143.25 | 16.78 |
| 23.27 | 21.61 | 63.22 | 21.38 | 103.64 | 19.40 | 143.89 | 16.72 |
| 23.92 | 21.61 | 63.86 | 21.38 | 104.28 | 19.38 | 144.53 | 16.70 |
| 24.56 | 21.61 | 64.50 | 21.38 | 104.92 | 19.38 | 145.16 | 16.69 |
| 25.21 | 21.61 | 65.15 | 21.38 | 105.56 | 19.35 | 145.80 | 16.68 |
| 25.85 | 21.60 | 65.79 | 21.38 | 106.20 | 19.31 | 146.44 | 16.64 |
| 26.50 | 21.60 | 66.43 | 21.40 | 106.84 | 19.28 | 147.08 | 16.64 |
| 27.14 | 21.60 | 67.08 | 21.37 | 107.48 | 19.21 | 147.71 | 16.62 |
| 27.79 | 21.61 | 67.72 | 21.37 | 108.12 | 19.17 | 148.35 | 16.60 |
| 28.43 | 21.60 | 68.36 | 21.36 | 108.76 | 19.16 | 148.99 | 16.60 |
| 29.08 | 21.60 | 69.00 | 21.36 | 109.40 | 19.11 | 149.62 | 16.56 |
| 29.73 | 21.61 | 69.65 | 21.37 | 110.04 | 19.08 | 150.26 | 16.53 |
| 30.37 | 21.62 | 70.29 | 21.35 | 110.68 | 19.03 | 150.90 | 16.45 |
| 31.02 | 21.61 | 70.93 | 21.36 | 111.32 | 18.96 | 151.54 | 16.39 |
| 31.66 | 21.61 | 71.57 | 21.36 | 111.96 | 18.86 | 152.17 | 16.34 |
| 32.31 | 21.60 | 72.22 | 21.37 | 112.60 | 18.74 | 152.81 | 16.31 |
| 32.95 | 21.60 | 72.86 | 21.35 | 113.24 | 18.64 | 153.45 | 16.28 |
| 33.60 | 21.59 | 73.50 | 21.35 | 113.88 | 18.61 | 154.08 | 16.27 |
| 34.24 | 21.60 | 74.14 | 21.37 | 114.52 | 18.56 | 154.72 | 16.22 |
| 34.89 | 21.59 | 74.78 | 21.36 | 115.16 | 18.53 | 155.36 | 16.19 |
| 35.53 | 21.59 | 75.43 | 21.37 | 115.80 | 18.48 | 155.99 | 16.17 |
| 36.18 | 21.59 | 76.07 | 21.36 | 116.44 | 18.43 | 156.63 | 16.15 |
| 36.82 | 21.58 | 76.71 | 21.36 | 117.07 | 18.37 | 157.27 | 16.13 |
| 37.46 | 21.58 | 77.35 | 21.35 | 117.71 | 18.32 | 157.90 | 16.09 |
| 38.11 | 21.56 | 77.99 | 21.33 | 118.35 | 18.21 | 158.54 | 16.03 |
| 38.75 | 21.59 | 78.64 | 21.34 | 118.99 | 18.12 | 159.18 | 15.98 |
| 39.40 | 21.56 | 79.28 | 21.34 | 119.63 | 18.05 | 159.81 | 15.96 |
| 40.04 | 21.57 | 79.92 | 21.33 | 120.27 | 18.00 | 160.45 | 15.94 |
| | | 80.56 | 21.35 | 120.91 | 17.97 | 161.09 | 15.94 |

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|--------|-------|--------|-------|--------|-------|--------|-------|
| 161.72 | 15.94 | 207.43 | 14.48 | 252.90 | 13.11 | 298.16 | 12.00 |
| 162.36 | 15.93 | 208.06 | 14.46 | 253.53 | 13.07 | 298.79 | 11.98 |
| 163.00 | 15.93 | 208.69 | 14.44 | 254.16 | 13.04 | 299.41 | 11.96 |
| 163.63 | 15.90 | 209.32 | 14.45 | 254.79 | 13.03 | 300.04 | 11.95 |
| 164.27 | 15.87 | 209.96 | 14.45 | 255.42 | 13.01 | 300.67 | 11.94 |
| 164.90 | 15.85 | 210.59 | 14.42 | 256.05 | 13.02 | 301.29 | 11.95 |
| 165.54 | 15.78 | 211.22 | 14.42 | 256.68 | 13.00 | 301.92 | 11.94 |
| 166.18 | 15.72 | 211.86 | 14.41 | 257.31 | 13.00 | 302.55 | 11.94 |
| 166.81 | 15.67 | 212.49 | 14.39 | 257.94 | 12.98 | 303.17 | 11.92 |
| 167.45 | 15.64 | 213.12 | 14.39 | 258.57 | 13.00 | 303.80 | 11.92 |
| 168.08 | 15.63 | 213.76 | 14.40 | 259.20 | 12.97 | 304.43 | 11.90 |
| 168.72 | 15.62 | 214.39 | 14.35 | 259.83 | 12.95 | 305.05 | 11.87 |
| 169.36 | 15.61 | 215.02 | 14.35 | 260.46 | 12.92 | 305.68 | 11.83 |
| 169.99 | 15.61 | 215.65 | 14.33 | 261.09 | 12.92 | 306.31 | 11.82 |
| 170.63 | 15.60 | 216.29 | 14.31 | 261.72 | 12.88 | 306.93 | 11.80 |
| 171.26 | 15.58 | 216.92 | 14.29 | 262.35 | 12.86 | 307.56 | 11.76 |
| 171.90 | 15.58 | 217.55 | 14.23 | 262.98 | 12.85 | 308.18 | 11.75 |
| 172.53 | 15.55 | 218.18 | 14.23 | 263.61 | 12.84 | 308.81 | 11.74 |
| 173.17 | 15.53 | 218.82 | 14.19 | 264.24 | 12.81 | 309.44 | 11.73 |
| 173.80 | 15.53 | 219.45 | 14.18 | 264.87 | 12.80 | 310.06 | 11.70 |
| 174.44 | 15.51 | 220.08 | 14.18 | 265.50 | 12.79 | 310.69 | 11.67 |
| 175.08 | 15.52 | 220.71 | 14.15 | 266.13 | 12.77 | 311.32 | 11.65 |
| 175.71 | 15.50 | 221.35 | 14.12 | 266.76 | 12.76 | 311.94 | 11.63 |
| 176.35 | 15.47 | 221.98 | 14.10 | 267.38 | 12.77 | 312.57 | 11.62 |
| 176.98 | 15.44 | 222.61 | 14.07 | 268.01 | 12.75 | 313.19 | 11.60 |
| 177.62 | 15.39 | 223.24 | 14.03 | 268.64 | 12.71 | 313.82 | 11.60 |
| 178.25 | 15.36 | 223.87 | 14.05 | 269.27 | 12.69 | 314.45 | 11.58 |
| 178.89 | 15.33 | 224.51 | 14.01 | 269.90 | 12.66 | 315.07 | 11.56 |
| 179.52 | 15.32 | 225.14 | 13.99 | 270.53 | 12.65 | 315.70 | 11.57 |
| 180.16 | 15.28 | 225.77 | 13.96 | 271.16 | 12.63 | 316.32 | 11.54 |
| 180.79 | 15.23 | 226.40 | 13.94 | 271.79 | 12.62 | 316.95 | 11.53 |
| 181.43 | 15.19 | 227.03 | 13.92 | 272.42 | 12.61 | 317.57 | 11.53 |
| 182.06 | 15.17 | 227.67 | 13.90 | 273.04 | 12.62 | 318.20 | 11.52 |
| 182.70 | 15.15 | 228.30 | 13.87 | 273.67 | 12.58 | 318.83 | 11.52 |
| 183.33 | 15.13 | 228.93 | 13.85 | 274.30 | 12.56 | 319.45 | 11.53 |
| 183.97 | 15.13 | 229.56 | 13.83 | 274.93 | 12.56 | 320.08 | 11.53 |
| 184.60 | 15.11 | 230.19 | 13.81 | 275.56 | 12.55 | 320.70 | 11.53 |
| 185.24 | 15.08 | 230.82 | 13.78 | 276.19 | 12.52 | 321.33 | 11.52 |
| 185.87 | 15.04 | 231.46 | 13.76 | 276.82 | 12.49 | 321.95 | 11.51 |
| 186.51 | 15.05 | 232.09 | 13.74 | 277.44 | 12.45 | 322.58 | 11.51 |
| 187.14 | 15.02 | 232.72 | 13.71 | 278.07 | 12.43 | 323.20 | 11.50 |
| 187.78 | 15.02 | 233.35 | 13.68 | 278.70 | 12.41 | 323.83 | 11.47 |
| 188.41 | 15.02 | 233.98 | 13.66 | 279.33 | 12.38 | 324.45 | 11.46 |
| 189.04 | 15.01 | 234.61 | 13.65 | 279.96 | 12.37 | 325.08 | 11.44 |
| 189.68 | 15.01 | 235.24 | 13.64 | 280.59 | 12.35 | 325.70 | 11.44 |
| 190.31 | 15.01 | 235.88 | 13.63 | 281.21 | 12.32 | 326.33 | 11.44 |
| 190.95 | 15.01 | 236.51 | 13.59 | 281.84 | 12.31 | 326.95 | 11.44 |
| 191.58 | 14.99 | 237.14 | 13.59 | 282.47 | 12.30 | 327.58 | 11.41 |
| 192.22 | 14.96 | 237.77 | 13.55 | 283.10 | 12.29 | 328.20 | 11.39 |
| 192.85 | 14.93 | 238.40 | 13.53 | 283.73 | 12.29 | 328.83 | 11.36 |
| 193.48 | 14.92 | 239.03 | 13.51 | 284.35 | 12.25 | 329.45 | 11.34 |
| 194.12 | 14.90 | 239.66 | 13.49 | 284.98 | 12.23 | 330.08 | 11.34 |
| 194.75 | 14.88 | 240.29 | 13.49 | 285.61 | 12.23 | 330.70 | 11.31 |
| 195.39 | 14.86 | 240.92 | 13.48 | 286.24 | 12.22 | 331.33 | 11.31 |
| 196.02 | 14.85 | 241.56 | 13.47 | 286.87 | 12.21 | 331.95 | 11.31 |
| 196.65 | 14.81 | 242.19 | 13.44 | 287.49 | 12.19 | 332.58 | 11.30 |
| 197.29 | 14.76 | 242.82 | 13.39 | 288.12 | 12.19 | 333.20 | 11.29 |
| 197.92 | 14.71 | 243.45 | 13.35 | 288.75 | 12.17 | 333.83 | 11.27 |
| 198.56 | 14.69 | 244.08 | 13.31 | 289.38 | 12.17 | 334.45 | 11.26 |
| 199.19 | 14.69 | 244.71 | 13.29 | 290.00 | 12.15 | 335.08 | 11.22 |
| 199.82 | 14.68 | 245.34 | 13.25 | 290.63 | 12.15 | 335.70 | 11.22 |
| 200.46 | 14.67 | 245.97 | 13.24 | 291.26 | 12.13 | 336.32 | 11.19 |
| 201.09 | 14.67 | 246.60 | 13.22 | 291.89 | 12.13 | 336.95 | 11.19 |
| 201.72 | 14.67 | 247.23 | 13.19 | 292.51 | 12.10 | 337.57 | 11.18 |
| 202.36 | 14.65 | 247.86 | 13.18 | 293.14 | 12.08 | 338.20 | 11.16 |
| 202.99 | 14.65 | 248.49 | 13.18 | 293.77 | 12.05 | 338.82 | 11.15 |
| 203.63 | 14.63 | 249.12 | 13.17 | 294.40 | 12.05 | 339.45 | 11.12 |
| 204.26 | 14.59 | 249.75 | 13.16 | 295.02 | 12.03 | 340.07 | 11.07 |
| 204.89 | 14.56 | 250.38 | 13.17 | 295.65 | 12.04 | 340.69 | 11.07 |
| 205.53 | 14.52 | 251.01 | 13.14 | 296.28 | 12.01 | 341.32 | 11.07 |
| 206.16 | 14.53 | 251.64 | 13.15 | 296.90 | 12.01 | 341.94 | 11.04 |
| 206.79 | 14.48 | 252.27 | 13.13 | 297.53 | 11.99 | 342.57 | 11.03 |

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|--------|-------|--------|-------|--------|------|--------|------|
| 343.19 | 11.02 | 388.00 | 10.13 | 432.58 | 9.41 | 476.94 | 8.70 |
| 343.81 | 11.01 | 388.62 | 10.13 | 433.20 | 9.38 | 477.55 | 8.69 |
| 344.44 | 10.98 | 389.24 | 10.11 | 433.81 | 9.37 | 478.17 | 8.67 |
| 345.06 | 10.97 | 389.86 | 10.12 | 434.43 | 9.35 | 478.78 | 8.65 |
| 345.68 | 10.95 | 390.48 | 10.09 | 435.05 | 9.34 | 479.40 | 8.64 |
| 346.31 | 10.97 | 391.10 | 10.07 | 435.67 | 9.32 | 480.01 | 8.63 |
| 346.93 | 10.96 | 391.72 | 10.07 | 436.28 | 9.30 | 480.62 | 8.64 |
| 347.56 | 10.95 | 392.34 | 10.04 | 436.90 | 9.26 | 481.24 | 8.64 |
| 348.18 | 10.96 | 392.96 | 10.04 | 437.52 | 9.24 | 481.85 | 8.63 |
| 348.80 | 10.95 | 393.58 | 10.04 | 438.14 | 9.23 | 482.47 | 8.61 |
| 349.43 | 10.92 | 394.20 | 10.01 | 438.75 | 9.22 | 483.08 | 8.60 |
| 350.05 | 10.89 | 394.82 | 10.01 | 439.37 | 9.23 | 483.70 | 8.59 |
| 350.67 | 10.84 | 395.44 | 10.01 | 439.99 | 9.22 | 484.31 | 8.59 |
| 351.30 | 10.83 | 396.06 | 9.99 | 440.60 | 9.20 | 484.92 | 8.59 |
| 351.92 | 10.81 | 396.68 | 9.98 | 441.22 | 9.19 | 485.54 | 8.58 |
| 352.54 | 10.79 | 397.30 | 9.96 | 441.84 | 9.18 | 486.15 | 8.57 |
| 353.17 | 10.76 | 397.92 | 9.96 | 442.46 | 9.16 | 486.77 | 8.55 |
| 353.79 | 10.77 | 398.54 | 9.96 | 443.07 | 9.16 | 487.38 | 8.54 |
| 354.41 | 10.77 | 399.16 | 9.94 | 443.69 | 9.15 | 487.99 | 8.53 |
| 355.04 | 10.74 | 399.78 | 9.91 | 444.31 | 9.13 | 488.61 | 8.52 |
| 355.66 | 10.71 | 400.40 | 9.90 | 444.92 | 9.11 | 489.22 | 8.51 |
| 356.28 | 10.71 | 401.02 | 9.88 | 445.54 | 9.09 | 489.83 | 8.51 |
| 356.90 | 10.70 | 401.64 | 9.90 | 446.16 | 9.08 | 490.45 | 8.52 |
| 357.53 | 10.70 | 402.26 | 9.86 | 446.77 | 9.08 | 491.06 | 8.51 |
| 358.15 | 10.68 | 402.88 | 9.86 | 447.39 | 9.10 | 491.67 | 8.50 |
| 358.77 | 10.66 | 403.50 | 9.86 | 448.01 | 9.07 | 492.29 | 8.50 |
| 359.40 | 10.63 | 404.12 | 9.84 | 448.62 | 9.07 | 492.90 | 8.48 |
| 360.02 | 10.62 | 404.74 | 9.83 | 449.24 | 9.08 | 493.51 | 8.49 |
| 360.64 | 10.60 | 405.36 | 9.80 | 449.86 | 9.05 | 494.13 | 8.49 |
| 361.26 | 10.58 | 405.98 | 9.78 | 450.47 | 9.07 | 494.74 | 8.48 |
| 361.89 | 10.58 | 406.60 | 9.77 | 451.09 | 9.05 | 495.35 | 8.47 |
| 362.51 | 10.57 | 407.22 | 9.75 | 451.71 | 9.04 | 495.97 | 8.49 |
| 363.13 | 10.57 | 407.84 | 9.73 | 452.32 | 9.01 | 496.58 | 8.49 |
| 363.75 | 10.56 | 408.46 | 9.73 | 452.94 | 8.99 | 497.19 | 8.45 |
| 364.38 | 10.56 | 409.08 | 9.72 | 453.55 | 8.98 | 497.81 | 8.48 |
| 365.00 | 10.56 | 409.70 | 9.73 | 454.17 | 8.98 | 498.42 | 8.46 |
| 365.62 | 10.56 | 410.32 | 9.71 | 454.79 | 8.97 | 499.03 | 8.45 |
| 366.24 | 10.53 | 410.93 | 9.70 | 455.40 | 8.96 | 499.65 | 8.46 |
| 366.87 | 10.52 | 411.55 | 9.69 | 456.02 | 8.97 | 500.26 | 8.46 |
| 367.49 | 10.50 | 412.17 | 9.68 | 456.63 | 8.95 | 500.87 | 8.45 |
| 368.11 | 10.49 | 412.79 | 9.68 | 457.25 | 8.94 | 501.49 | 8.44 |
| 368.73 | 10.48 | 413.41 | 9.67 | 457.87 | 8.92 | 502.10 | 8.43 |
| 369.35 | 10.47 | 414.03 | 9.66 | 458.48 | 8.93 | 502.71 | 8.44 |
| 369.98 | 10.47 | 414.65 | 9.65 | 459.10 | 8.90 | 503.32 | 8.41 |
| 370.60 | 10.46 | 415.27 | 9.63 | 459.71 | 8.89 | 503.94 | 8.41 |
| 371.22 | 10.46 | 415.89 | 9.61 | 460.33 | 8.89 | 504.55 | 8.39 |
| 371.84 | 10.47 | 416.51 | 9.60 | 460.95 | 8.87 | 505.16 | 8.37 |
| 372.46 | 10.47 | 417.12 | 9.60 | 461.56 | 8.87 | 505.77 | 8.35 |
| 373.09 | 10.45 | 417.74 | 9.60 | 462.18 | 8.89 | 506.39 | 8.33 |
| 373.71 | 10.46 | 418.36 | 9.58 | 462.79 | 8.86 | 507.00 | 8.34 |
| 374.33 | 10.44 | 418.98 | 9.58 | 463.41 | 8.87 | 507.61 | 8.32 |
| 374.95 | 10.43 | 419.60 | 9.58 | 464.02 | 8.85 | 508.22 | 8.32 |
| 375.57 | 10.39 | 420.22 | 9.55 | 464.64 | 8.85 | 508.84 | 8.32 |
| 376.19 | 10.39 | 420.84 | 9.54 | 465.25 | 8.82 | 509.45 | 8.33 |
| 376.82 | 10.38 | 421.45 | 9.55 | 465.87 | 8.83 | 510.06 | 8.32 |
| 377.44 | 10.35 | 422.07 | 9.56 | 466.48 | 8.80 | 510.67 | 8.33 |
| 378.06 | 10.35 | 422.69 | 9.55 | 467.10 | 8.79 | 511.28 | 8.33 |
| 378.68 | 10.33 | 423.31 | 9.53 | 467.72 | 8.81 | 511.90 | 8.31 |
| 379.30 | 10.30 | 423.93 | 9.52 | 468.33 | 8.78 | 512.51 | 8.32 |
| 379.92 | 10.30 | 424.55 | 9.53 | 468.95 | 8.77 | 513.12 | 8.31 |
| 380.54 | 10.26 | 425.16 | 9.51 | 469.56 | 8.76 | 513.73 | 8.30 |
| 381.17 | 10.25 | 425.78 | 9.51 | 470.18 | 8.73 | 514.34 | 8.29 |
| 381.79 | 10.26 | 426.40 | 9.50 | 470.79 | 8.74 | 514.96 | 8.27 |
| 382.41 | 10.24 | 427.02 | 9.46 | 471.41 | 8.74 | 515.57 | 8.27 |
| 383.03 | 10.22 | 427.64 | 9.46 | 472.02 | 8.72 | 516.18 | 8.25 |
| 383.65 | 10.22 | 428.25 | 9.46 | 472.64 | 8.70 | 516.79 | 8.24 |
| 384.27 | 10.20 | 428.87 | 9.47 | 473.25 | 8.69 | 517.40 | 8.23 |
| 384.89 | 10.20 | 429.49 | 9.44 | 473.86 | 8.71 | 518.02 | 8.21 |
| 385.51 | 10.16 | 430.11 | 9.45 | 474.48 | 8.69 | 518.63 | 8.21 |
| 386.13 | 10.17 | 430.73 | 9.44 | 475.09 | 8.70 | 519.24 | 8.20 |
| 386.75 | 10.14 | 431.34 | 9.44 | 475.71 | 8.69 | 519.85 | 8.19 |
| 387.38 | 10.15 | 431.96 | 9.40 | 476.32 | 8.69 | 520.46 | 8.18 |

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|--------|------|--------|------|--------|------|--------|------|
| 521.07 | 8.16 | 564.98 | 7.59 | 608.67 | 7.08 | 652.13 | 6.65 |
| 521.68 | 8.14 | 565.59 | 7.59 | 609.28 | 7.11 | 652.74 | 6.65 |
| 522.30 | 8.13 | 566.20 | 7.58 | 609.88 | 7.09 | 653.34 | 6.64 |
| 522.91 | 8.11 | 566.81 | 7.58 | 610.49 | 7.07 | 653.94 | 6.64 |
| 523.52 | 8.09 | 567.42 | 7.56 | 611.09 | 7.06 | 654.54 | 6.63 |
| 524.13 | 8.09 | 568.03 | 7.55 | 611.70 | 7.07 | 655.14 | 6.63 |
| 524.74 | 8.09 | 568.63 | 7.55 | 612.30 | 7.07 | 655.75 | 6.63 |
| 525.35 | 8.08 | 569.24 | 7.54 | 612.91 | 7.05 | 656.35 | 6.63 |
| 525.96 | 8.08 | 569.85 | 7.55 | 613.51 | 7.04 | 656.95 | 6.61 |
| 526.57 | 8.07 | 570.46 | 7.54 | 614.12 | 7.03 | 657.55 | 6.60 |
| 527.19 | 8.05 | 571.07 | 7.53 | 614.72 | 7.02 | 658.15 | 6.58 |
| 527.80 | 8.03 | 571.67 | 7.52 | 615.33 | 7.02 | 658.75 | 6.58 |
| 528.41 | 8.02 | 572.28 | 7.52 | 615.93 | 7.02 | 659.36 | 6.59 |
| 529.02 | 8.02 | 572.89 | 7.51 | 616.54 | 7.00 | 659.96 | 6.58 |
| 529.63 | 8.01 | 573.50 | 7.50 | 617.14 | 6.98 | 660.56 | 6.58 |
| 530.24 | 8.00 | 574.10 | 7.48 | 617.74 | 6.97 | 661.16 | 6.57 |
| 530.85 | 7.99 | 574.71 | 7.48 | 618.35 | 6.95 | 661.76 | 6.56 |
| 531.46 | 7.99 | 575.32 | 7.45 | 618.95 | 6.95 | 662.36 | 6.57 |
| 532.07 | 7.97 | 575.93 | 7.46 | 619.56 | 6.94 | 662.96 | 6.55 |
| 532.68 | 7.97 | 576.53 | 7.45 | 620.16 | 6.94 | 663.57 | 6.55 |
| 533.29 | 7.97 | 577.14 | 7.44 | 620.77 | 6.92 | 664.17 | 6.54 |
| 533.90 | 7.95 | 577.75 | 7.42 | 621.37 | 6.93 | 664.77 | 6.55 |
| 534.51 | 7.94 | 578.36 | 7.41 | 621.98 | 6.94 | 665.37 | 6.53 |
| 535.12 | 7.92 | 578.96 | 7.41 | 622.58 | 6.93 | 665.97 | 6.52 |
| 535.73 | 7.92 | 579.57 | 7.43 | 623.18 | 6.91 | 666.57 | 6.51 |
| 536.35 | 7.92 | 580.18 | 7.41 | 623.79 | 6.91 | 667.17 | 6.50 |
| 536.96 | 7.91 | 580.79 | 7.40 | 624.39 | 6.90 | 667.77 | 6.51 |
| 537.57 | 7.91 | 581.39 | 7.40 | 625.00 | 6.90 | 668.38 | 6.51 |
| 538.18 | 7.91 | 582.00 | 7.39 | 625.60 | 6.89 | 668.98 | 6.50 |
| 538.79 | 7.90 | 582.61 | 7.39 | 626.20 | 6.88 | 669.58 | 6.49 |
| 539.40 | 7.90 | 583.21 | 7.40 | 626.81 | 6.88 | 670.18 | 6.49 |
| 540.01 | 7.89 | 583.82 | 7.37 | 627.41 | 6.88 | 670.78 | 6.49 |
| 540.62 | 7.89 | 584.43 | 7.35 | 628.02 | 6.86 | 671.38 | 6.50 |
| 541.23 | 7.88 | 585.04 | 7.35 | 628.62 | 6.86 | 671.98 | 6.48 |
| 541.84 | 7.87 | 585.64 | 7.36 | 629.22 | 6.84 | 672.58 | 6.48 |
| 542.45 | 7.87 | 586.25 | 7.37 | 629.83 | 6.83 | 673.18 | 6.49 |
| 543.06 | 7.86 | 586.86 | 7.35 | 630.43 | 6.80 | 673.78 | 6.49 |
| 543.67 | 7.84 | 587.46 | 7.33 | 631.03 | 6.80 | 674.38 | 6.48 |
| 544.28 | 7.84 | 588.07 | 7.32 | 631.64 | 6.78 | 674.98 | 6.48 |
| 544.89 | 7.84 | 588.68 | 7.31 | 632.24 | 6.80 | 675.58 | 6.47 |
| 545.50 | 7.82 | 589.28 | 7.32 | 632.84 | 6.78 | 676.18 | 6.46 |
| 546.11 | 7.81 | 589.89 | 7.29 | 633.45 | 6.77 | 676.78 | 6.46 |
| 546.71 | 7.79 | 590.50 | 7.29 | 634.05 | 6.78 | 677.38 | 6.45 |
| 547.32 | 7.79 | 591.10 | 7.30 | 634.66 | 6.76 | 677.98 | 6.44 |
| 547.93 | 7.78 | 591.71 | 7.29 | 635.26 | 6.76 | 678.58 | 6.45 |
| 548.54 | 7.78 | 592.31 | 7.28 | 635.86 | 6.76 | 679.18 | 6.42 |
| 549.15 | 7.78 | 592.92 | 7.27 | 636.47 | 6.75 | 679.79 | 6.43 |
| 549.76 | 7.77 | 593.53 | 7.25 | 637.07 | 6.75 | 680.39 | 6.42 |
| 550.37 | 7.74 | 594.13 | 7.27 | 637.67 | 6.75 | 680.99 | 6.43 |
| 550.98 | 7.74 | 594.74 | 7.26 | 638.27 | 6.74 | 681.59 | 6.41 |
| 551.59 | 7.74 | 595.35 | 7.26 | 638.88 | 6.74 | 682.19 | 6.42 |
| 552.20 | 7.74 | 595.95 | 7.24 | 639.48 | 6.74 | 682.79 | 6.41 |
| 552.81 | 7.73 | 596.56 | 7.25 | 640.08 | 6.73 | 683.38 | 6.40 |
| 553.42 | 7.72 | 597.16 | 7.24 | 640.69 | 6.72 | 683.98 | 6.42 |
| 554.03 | 7.73 | 597.77 | 7.24 | 641.29 | 6.71 | 684.58 | 6.41 |
| 554.64 | 7.71 | 598.38 | 7.23 | 641.89 | 6.69 | 685.18 | 6.42 |
| 555.25 | 7.72 | 598.98 | 7.23 | 642.50 | 6.69 | 685.78 | 6.41 |
| 555.85 | 7.69 | 599.59 | 7.22 | 643.10 | 6.70 | 686.38 | 6.40 |
| 556.46 | 7.70 | 600.19 | 7.20 | 643.70 | 6.69 | 686.98 | 6.40 |
| 557.07 | 7.68 | 600.80 | 7.20 | 644.30 | 6.69 | 687.58 | 6.41 |
| 557.68 | 7.68 | 601.41 | 7.20 | 644.91 | 6.69 | 688.18 | 6.40 |
| 558.29 | 7.69 | 602.01 | 7.18 | 645.51 | 6.69 | 688.78 | 6.40 |
| 558.90 | 7.67 | 602.62 | 7.15 | 646.11 | 6.68 | 689.38 | 6.40 |
| 559.51 | 7.66 | 603.22 | 7.14 | 646.71 | 6.71 | 689.98 | 6.38 |
| 560.12 | 7.65 | 603.83 | 7.14 | 647.32 | 6.69 | 690.58 | 6.38 |
| 560.72 | 7.64 | 604.43 | 7.14 | 647.92 | 6.70 | 691.18 | 6.37 |
| 561.33 | 7.64 | 605.04 | 7.14 | 648.52 | 6.69 | 691.78 | 6.36 |
| 561.94 | 7.62 | 605.64 | 7.13 | 649.12 | 6.70 | 692.38 | 6.35 |
| 562.55 | 7.61 | 606.25 | 7.12 | 649.73 | 6.70 | 692.98 | 6.35 |
| 563.16 | 7.61 | 606.86 | 7.13 | 650.33 | 6.69 | 693.58 | 6.35 |
| 563.77 | 7.61 | 607.46 | 7.11 | 650.93 | 6.68 | 694.18 | 6.32 |
| 564.38 | 7.59 | 608.07 | 7.10 | 651.53 | 6.66 | 694.77 | 6.32 |

| | | | |
|--------|------|-------------------|-----------------|
| 695.37 | 6.29 | 738.39 | 6.01 |
| 695.97 | 6.28 | 738.98 | 6.00 |
| 696.57 | 6.28 | 739.58 | 6.01 |
| 697.17 | 6.27 | 740.18 | 5.99 |
| 697.77 | 6.27 | 740.77 | 6.00 |
| 698.37 | 6.27 | 741.37 | 5.99 |
| 698.97 | 6.25 | 741.96 | 5.98 |
| 699.57 | 6.24 | 742.56 | 6.00 |
| 700.16 | 6.24 | 743.15 | 5.98 |
| 700.76 | 6.24 | 743.75 | 5.98 |
| 701.36 | 6.23 | 744.35 | 5.99 |
| 701.96 | 6.24 | 744.94 | 5.98 |
| 702.56 | 6.24 | 745.54 | 5.97 |
| 703.16 | 6.24 | 746.13 | 5.97 |
| 703.76 | 6.24 | 746.73 | 5.97 |
| 704.35 | 6.24 | 747.32 | 5.97 |
| 704.95 | 6.23 | 747.92 | 5.97 |
| 705.55 | 6.22 | 748.51 | 5.97 |
| 706.15 | 6.22 | 749.11 | 5.96 |
| 706.75 | 6.22 | 749.70 | 5.95 |
| 707.34 | 6.21 | 750.30 | 5.95 |
| 707.94 | 6.21 | 750.89 | 5.95 |
| 708.54 | 6.20 | 751.49 | 5.93 |
| 709.14 | 6.20 | 752.08 | 5.94 |
| 709.74 | 6.20 | 752.68 | 5.90 |
| 710.33 | 6.20 | 753.27 | 5.92 |
| 710.93 | 6.20 | 753.87 | 5.91 |
| 711.53 | 6.20 | 754.46 | 5.91 |
| 712.13 | 6.20 | 755.06 | 5.90 |
| 712.73 | 6.19 | 755.65 | 5.89 |
| 713.32 | 6.19 | 756.25 | 5.89 |
| 713.92 | 6.19 | 756.84 | 5.90 |
| 714.52 | 6.18 | 757.43 | 5.89 |
| 715.12 | 6.18 | 758.03 | 5.89 |
| 715.71 | 6.18 | 758.62 | 5.89 |
| 716.31 | 6.17 | 759.22 | 5.88 |
| 716.91 | 6.17 | 759.81 | 5.89 |
| 717.51 | 6.17 | 760.41 | 5.87 |
| 718.10 | 6.18 | 761.00 | 2.20 |
| 718.70 | 6.16 | | |
| 719.30 | 6.15 | | |
| 719.90 | 6.17 | | |
| 720.49 | 6.15 | | |
| 721.09 | 6.13 | | |
| 721.69 | 6.12 | | |
| 722.28 | 6.13 | | |
| 722.88 | 6.12 | | |
| 723.48 | 6.10 | | |
| 724.08 | 6.10 | | |
| 724.67 | 6.10 | | |
| 725.27 | 6.09 | | |
| 725.87 | 6.08 | | |
| 726.46 | 6.07 | | |
| 727.06 | 6.07 | | |
| 727.66 | 6.06 | | |
| 728.25 | 6.05 | | |
| 728.85 | 6.06 | | |
| 729.45 | 6.05 | | |
| 730.04 | 6.04 | | |
| 730.64 | 6.04 | | |
| 731.23 | 6.05 | | |
| 731.83 | 6.03 | | |
| 732.43 | 6.03 | | |
| 733.02 | 6.04 | | |
| 733.62 | 6.05 | | |
| 734.22 | 6.02 | | |
| 734.81 | 6.02 | | |
| 735.41 | 6.02 | | |
| 736.00 | 6.03 | | |
| 736.60 | 6.01 | | |
| 737.20 | 6.01 | | |
| 737.79 | 6.00 | | |

XBT-14

Cruise: 92g02
Date: Wed Jan 29 1992, Julian day = 29
Time: 06:46:45
Lat: 27 14 N
Lon: 93 00 W
Stn: 14

XBT
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~~0.65 21.20~~
~~1.30 21.50~~
~~1.94 21.37~~
~~2.59 21.37~~

| | | | | | | | |
|-------|------------------|-------|-------|--------|-------|--------|-------|
| 3.24 | 21.36 | 41.33 | 21.39 | 81.85 | 21.11 | 122.19 | 17.86 |
| 3.88 | 21.35 | 41.98 | 21.39 | 82.49 | 21.06 | 122.83 | 17.80 |
| 4.53 | 21.35 | 42.62 | 21.39 | 83.13 | 20.99 | 123.47 | 17.78 |
| 5.18 | 21.35 | 43.27 | 21.39 | 83.77 | 20.90 | 124.11 | 17.74 |
| 5.82 | 21.35 | 43.91 | 21.38 | 84.41 | 20.85 | 124.74 | 17.71 |
| 6.47 | 21.35 | 44.55 | 21.38 | 85.05 | 20.81 | 125.38 | 17.62 |
| 7.12 | 21.35 | 45.20 | 21.39 | 85.70 | 20.66 | 126.02 | 17.55 |
| 7.76 | 21.35 | 45.84 | 21.39 | 86.34 | 20.48 | 126.66 | 17.53 |
| 8.41 | 21.37 | 46.49 | 21.38 | 86.98 | 20.41 | 127.30 | 17.51 |
| 9.06 | 21.35 | 47.13 | 21.38 | 87.62 | 20.33 | 127.94 | 17.45 |
| 9.70 | 21.35 | 47.77 | 21.38 | 88.26 | 20.29 | 128.58 | 17.38 |
| 10.35 | 21.34 | 48.42 | 21.38 | 88.90 | 20.26 | 129.21 | 17.32 |
| 11.00 | 21.35 | 49.06 | 21.39 | 89.54 | 20.19 | 129.85 | 17.29 |
| 11.64 | 21.35 | 49.71 | 21.37 | 90.18 | 20.17 | 130.49 | 17.25 |
| 12.29 | 21.35 | 50.35 | 21.37 | 90.83 | 20.13 | 131.13 | 17.25 |
| 12.94 | 21.35 | 50.99 | 21.37 | 91.47 | 20.12 | 131.77 | 17.23 |
| 13.58 | 21.35 | 51.64 | 21.38 | 92.11 | 20.12 | 132.41 | 17.22 |
| 14.23 | 21.36 | 52.28 | 21.37 | 92.75 | 20.07 | 133.04 | 17.21 |
| 14.87 | 21.36 | 52.93 | 21.38 | 93.39 | 20.03 | 133.68 | 17.20 |
| 15.52 | 21.35 | 53.57 | 21.37 | 94.03 | 20.00 | 134.32 | 17.19 |
| 16.17 | 21.35 | 54.21 | 21.37 | 94.67 | 19.97 | 134.96 | 17.15 |
| 16.81 | 21.35 | 54.86 | 21.37 | 95.31 | 19.90 | 135.60 | 17.15 |
| 17.46 | 21.35 | 55.50 | 21.39 | 95.95 | 19.79 | 136.24 | 17.14 |
| 18.10 | 21.36 | 56.14 | 21.37 | 96.59 | 19.65 | 136.87 | 17.11 |
| 18.75 | 21.36 | 56.79 | 21.37 | 97.23 | 19.56 | 137.51 | 17.08 |
| 19.40 | 21.36 | 57.43 | 21.38 | 97.88 | 19.49 | 138.15 | 17.06 |
| 20.04 | 21.36 | 58.07 | 21.35 | 98.52 | 19.41 | 138.79 | 17.04 |
| 20.69 | 21.35 | 58.72 | 21.36 | 99.16 | 19.38 | 139.43 | 17.04 |
| 21.33 | 21.37 | 59.36 | 21.34 | 99.80 | 19.29 | 140.06 | 16.99 |
| 21.98 | 21.35 | 60.00 | 21.33 | 100.44 | 19.24 | 140.70 | 16.95 |
| 22.63 | 21.36 | 60.65 | 21.33 | 101.08 | 19.15 | 141.34 | 16.92 |
| 23.27 | 21.36 | 61.29 | 21.31 | 101.72 | 18.99 | 141.98 | 16.88 |
| 23.92 | 21.36 | 61.93 | 21.33 | 102.36 | 18.89 | 142.61 | 16.81 |
| 24.56 | 21.35 | 62.58 | 21.30 | 103.00 | 18.85 | 143.25 | 16.77 |
| 25.21 | 21.36 | 63.22 | 21.32 | 103.64 | 18.81 | 143.89 | 16.74 |
| 25.85 | 21.36 | 63.86 | 21.29 | 104.28 | 18.80 | 144.53 | 16.72 |
| 26.50 | 21.38 | 64.50 | 21.28 | 104.92 | 18.78 | 145.16 | 16.71 |
| 27.14 | 21.38 | 65.15 | 21.25 | 105.56 | 18.74 | 145.80 | 16.65 |
| 27.79 | 21.39 | 65.79 | 21.25 | 106.20 | 18.72 | 146.44 | 16.65 |
| 28.43 | 21.40 | 66.43 | 21.26 | 106.84 | 18.71 | 147.08 | 16.61 |
| 29.08 | 21.40 | 67.08 | 21.24 | 107.48 | 18.68 | 147.71 | 16.57 |
| 29.73 | 21.41 | 67.72 | 21.25 | 108.12 | 18.64 | 148.35 | 16.54 |
| 30.37 | 21.40 | 68.36 | 21.24 | 108.76 | 18.63 | 148.99 | 16.54 |
| 31.02 | 21.41 | 69.00 | 21.22 | 109.40 | 18.60 | 149.62 | 16.50 |
| 31.66 | 21.41 | 69.65 | 21.23 | 110.04 | 18.55 | 150.26 | 16.50 |
| 32.31 | 21.40 | 70.29 | 21.23 | 110.68 | 18.48 | 150.90 | 16.43 |
| 32.95 | 21.41 | 70.93 | 21.22 | 111.32 | 18.41 | 151.54 | 16.42 |
| 33.60 | 21.41 | 71.57 | 21.22 | 111.96 | 18.38 | 152.17 | 16.39 |
| 34.24 | 21.41 | 72.22 | 21.21 | 112.60 | 18.33 | 152.81 | 16.39 |
| 34.89 | 21.41 | 72.86 | 21.22 | 113.24 | 18.30 | 153.45 | 16.34 |
| 35.53 | 21.41 | 73.50 | 21.22 | 113.88 | 18.28 | 154.08 | 16.31 |
| 36.18 | 21.41 | 74.14 | 21.22 | 114.52 | 18.27 | 154.72 | 16.32 |
| 36.82 | 21.41 | 74.78 | 21.21 | 115.16 | 18.26 | 155.36 | 16.28 |
| 37.46 | 21.41 | 75.43 | 21.21 | 115.80 | 18.25 | 155.99 | 16.27 |
| 38.11 | 21.41 | 76.07 | 21.20 | 116.44 | 18.26 | 156.63 | 16.22 |
| 38.75 | 21.40 | 76.71 | 21.20 | 117.07 | 18.24 | 157.27 | 16.18 |
| 39.40 | 21.41 | 77.35 | 21.21 | 117.71 | 18.22 | 157.90 | 16.15 |
| 40.04 | 21.40 | 77.99 | 21.20 | 118.35 | 18.16 | 158.54 | 16.10 |
| 40.69 | 21.40 | 78.64 | 21.17 | 118.99 | 18.10 | 159.18 | 16.04 |
| | | 79.28 | 21.16 | 119.63 | 18.07 | 159.81 | 15.99 |
| | | 79.92 | 21.13 | 120.27 | 18.01 | 160.45 | 15.98 |
| | | 80.56 | 21.12 | 120.91 | 17.98 | 161.09 | 15.97 |
| | | 81.20 | 21.12 | 121.55 | 17.92 | 161.72 | 15.96 |

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|--------|-------|--------|-------|--------|-------|--------|-------|
| 162.36 | 15.93 | 208.06 | 14.43 | 253.53 | 13.10 | 298.79 | 11.96 |
| 163.00 | 15.89 | 208.69 | 14.39 | 254.16 | 13.05 | 299.41 | 11.93 |
| 163.63 | 15.83 | 209.32 | 14.37 | 254.79 | 13.02 | 300.04 | 11.92 |
| 164.27 | 15.81 | 209.96 | 14.35 | 255.42 | 13.00 | 300.67 | 11.92 |
| 164.90 | 15.78 | 210.59 | 14.33 | 256.05 | 12.98 | 301.29 | 11.91 |
| 165.54 | 15.73 | 211.22 | 14.34 | 256.68 | 12.96 | 301.92 | 11.89 |
| 166.18 | 15.71 | 211.86 | 14.29 | 257.31 | 12.96 | 302.55 | 11.88 |
| 166.81 | 15.68 | 212.49 | 14.29 | 257.94 | 12.96 | 303.17 | 11.89 |
| 167.45 | 15.68 | 213.12 | 14.26 | 258.57 | 12.92 | 303.80 | 11.90 |
| 168.08 | 15.67 | 213.76 | 14.24 | 259.20 | 12.93 | 304.43 | 11.88 |
| 168.72 | 15.63 | 214.39 | 14.23 | 259.83 | 12.93 | 305.05 | 11.89 |
| 169.36 | 15.60 | 215.02 | 14.22 | 260.46 | 12.90 | 305.68 | 11.83 |
| 169.99 | 15.58 | 215.65 | 14.21 | 261.09 | 12.88 | 306.31 | 11.80 |
| 170.63 | 15.52 | 216.29 | 14.20 | 261.72 | 12.88 | 306.93 | 11.81 |
| 171.26 | 15.48 | 216.92 | 14.18 | 262.35 | 12.85 | 307.56 | 11.78 |
| 171.90 | 15.43 | 217.55 | 14.18 | 262.98 | 12.84 | 308.18 | 11.79 |
| 172.53 | 15.39 | 218.18 | 14.13 | 263.61 | 12.83 | 308.81 | 11.76 |
| 173.17 | 15.36 | 218.82 | 14.13 | 264.24 | 12.81 | 309.44 | 11.75 |
| 173.80 | 15.36 | 219.45 | 14.07 | 264.87 | 12.81 | 310.06 | 11.75 |
| 174.44 | 15.34 | 220.08 | 14.07 | 265.50 | 12.82 | 310.69 | 11.74 |
| 175.08 | 15.34 | 220.71 | 14.03 | 266.13 | 12.78 | 311.32 | 11.75 |
| 175.71 | 15.34 | 221.35 | 14.03 | 266.76 | 12.80 | 311.94 | 11.73 |
| 176.35 | 15.33 | 221.98 | 14.01 | 267.38 | 12.76 | 312.57 | 11.74 |
| 176.98 | 15.33 | 222.61 | 14.01 | 268.01 | 12.76 | 313.19 | 11.71 |
| 177.62 | 15.30 | 223.24 | 14.01 | 268.64 | 12.75 | 313.82 | 11.70 |
| 178.25 | 15.29 | 223.87 | 14.01 | 269.27 | 12.73 | 314.45 | 11.69 |
| 178.89 | 15.24 | 224.51 | 14.00 | 269.90 | 12.74 | 315.07 | 11.69 |
| 179.52 | 15.23 | 225.14 | 13.99 | 270.53 | 12.72 | 315.70 | 11.68 |
| 180.16 | 15.23 | 225.77 | 13.95 | 271.16 | 12.72 | 316.32 | 11.67 |
| 180.79 | 15.22 | 226.40 | 13.96 | 271.79 | 12.71 | 316.95 | 11.67 |
| 181.43 | 15.19 | 227.03 | 13.91 | 272.42 | 12.71 | 317.57 | 11.66 |
| 182.06 | 15.16 | 227.67 | 13.91 | 273.04 | 12.69 | 318.20 | 11.66 |
| 182.70 | 15.13 | 228.30 | 13.88 | 273.67 | 12.69 | 318.83 | 11.65 |
| 183.33 | 15.12 | 228.93 | 13.86 | 274.30 | 12.64 | 319.45 | 11.63 |
| 183.97 | 15.08 | 229.56 | 13.87 | 274.93 | 12.61 | 320.08 | 11.63 |
| 184.60 | 15.06 | 230.19 | 13.83 | 275.56 | 12.57 | 320.70 | 11.61 |
| 185.24 | 15.03 | 230.82 | 13.81 | 276.19 | 12.56 | 321.33 | 11.62 |
| 185.87 | 15.03 | 231.46 | 13.77 | 276.82 | 12.56 | 321.95 | 11.59 |
| 186.51 | 15.03 | 232.09 | 13.73 | 277.44 | 12.55 | 322.58 | 11.58 |
| 187.14 | 15.01 | 232.72 | 13.74 | 278.07 | 12.56 | 323.20 | 11.58 |
| 187.78 | 15.02 | 233.35 | 13.70 | 278.70 | 12.53 | 323.83 | 11.55 |
| 188.41 | 15.01 | 233.98 | 13.70 | 279.33 | 12.54 | 324.45 | 11.53 |
| 189.04 | 14.97 | 234.61 | 13.68 | 279.96 | 12.50 | 325.08 | 11.49 |
| 189.68 | 14.91 | 235.24 | 13.67 | 280.59 | 12.48 | 325.70 | 11.44 |
| 190.31 | 14.90 | 235.88 | 13.67 | 281.21 | 12.43 | 326.33 | 11.44 |
| 190.95 | 14.85 | 236.51 | 13.65 | 281.84 | 12.42 | 326.95 | 11.41 |
| 191.58 | 14.80 | 237.14 | 13.63 | 282.47 | 12.41 | 327.58 | 11.41 |
| 192.22 | 14.80 | 237.77 | 13.63 | 283.10 | 12.40 | 328.20 | 11.39 |
| 192.85 | 14.77 | 238.40 | 13.62 | 283.73 | 12.40 | 328.83 | 11.34 |
| 193.48 | 14.75 | 239.03 | 13.60 | 284.35 | 12.38 | 329.45 | 11.33 |
| 194.12 | 14.76 | 239.66 | 13.58 | 284.98 | 12.36 | 330.08 | 11.31 |
| 194.75 | 14.73 | 240.29 | 13.56 | 285.61 | 12.34 | 330.70 | 11.31 |
| 195.39 | 14.71 | 240.92 | 13.53 | 286.24 | 12.34 | 331.33 | 11.30 |
| 196.02 | 14.71 | 241.56 | 13.49 | 286.87 | 12.34 | 331.95 | 11.31 |
| 196.65 | 14.69 | 242.19 | 13.48 | 287.49 | 12.32 | 332.58 | 11.28 |
| 197.29 | 14.68 | 242.82 | 13.47 | 288.12 | 12.30 | 333.20 | 11.27 |
| 197.92 | 14.64 | 243.45 | 13.46 | 288.75 | 12.29 | 333.83 | 11.26 |
| 198.56 | 14.62 | 244.08 | 13.43 | 289.38 | 12.26 | 334.45 | 11.23 |
| 199.19 | 14.61 | 244.71 | 13.44 | 290.00 | 12.24 | 335.08 | 11.20 |
| 199.82 | 14.60 | 245.34 | 13.43 | 290.63 | 12.21 | 335.70 | 11.18 |
| 200.46 | 14.59 | 245.97 | 13.42 | 291.26 | 12.17 | 336.32 | 11.16 |
| 201.09 | 14.59 | 246.60 | 13.40 | 291.89 | 12.16 | 336.95 | 11.16 |
| 201.72 | 14.60 | 247.23 | 13.35 | 292.51 | 12.16 | 337.57 | 11.15 |
| 202.36 | 14.60 | 247.86 | 13.31 | 293.14 | 12.13 | 338.20 | 11.14 |
| 202.99 | 14.60 | 248.49 | 13.28 | 293.77 | 12.09 | 338.82 | 11.14 |
| 203.63 | 14.58 | 249.12 | 13.25 | 294.40 | 12.07 | 339.45 | 11.13 |
| 204.26 | 14.56 | 249.75 | 13.21 | 295.02 | 12.07 | 340.07 | 11.13 |
| 204.89 | 14.52 | 250.38 | 13.19 | 295.65 | 12.05 | 340.69 | 11.12 |
| 205.53 | 14.50 | 251.01 | 13.16 | 296.28 | 12.03 | 341.32 | 11.11 |
| 206.16 | 14.47 | 251.64 | 13.13 | 296.90 | 12.00 | 341.94 | 11.09 |
| 206.79 | 14.46 | 252.27 | 13.12 | 297.53 | 12.00 | 342.57 | 11.07 |
| 207.43 | 14.45 | 252.90 | 13.11 | 298.16 | 11.97 | 343.19 | 11.06 |

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|--------|-------|--------|-------|--------|------|--------|------|
| 343.81 | 11.04 | 388.62 | 10.08 | 433.20 | 9.44 | 477.55 | 8.62 |
| 344.44 | 11.04 | 389.24 | 10.06 | 433.81 | 9.43 | 478.17 | 8.59 |
| 345.06 | 11.03 | 389.86 | 10.03 | 434.43 | 9.44 | 478.78 | 8.59 |
| 345.68 | 11.02 | 390.48 | 10.03 | 435.05 | 9.40 | 479.40 | 8.57 |
| 346.31 | 11.00 | 391.10 | 10.04 | 435.67 | 9.39 | 480.01 | 8.56 |
| 346.93 | 10.96 | 391.72 | 10.04 | 436.28 | 9.39 | 480.62 | 8.56 |
| 347.56 | 10.95 | 392.34 | 10.01 | 436.90 | 9.38 | 481.24 | 8.55 |
| 348.18 | 10.94 | 392.96 | 10.00 | 437.52 | 9.37 | 481.85 | 8.55 |
| 348.80 | 10.93 | 393.58 | 10.01 | 438.14 | 9.36 | 482.47 | 8.57 |
| 349.43 | 10.91 | 394.20 | 9.99 | 438.75 | 9.34 | 483.08 | 8.54 |
| 350.05 | 10.90 | 394.82 | 10.00 | 439.37 | 9.34 | 483.70 | 8.54 |
| 350.67 | 10.90 | 395.44 | 9.99 | 439.99 | 9.32 | 484.31 | 8.54 |
| 351.30 | 10.89 | 396.06 | 9.98 | 440.60 | 9.32 | 484.92 | 8.54 |
| 351.92 | 10.90 | 396.68 | 9.96 | 441.22 | 9.31 | 485.54 | 8.53 |
| 352.54 | 10.89 | 397.30 | 9.94 | 441.84 | 9.30 | 486.15 | 8.52 |
| 353.17 | 10.86 | 397.92 | 9.94 | 442.46 | 9.31 | 486.77 | 8.50 |
| 353.79 | 10.84 | 398.54 | 9.94 | 443.07 | 9.29 | 487.38 | 8.49 |
| 354.41 | 10.83 | 399.16 | 9.95 | 443.69 | 9.28 | 487.99 | 8.46 |
| 355.04 | 10.79 | 399.78 | 9.94 | 444.31 | 9.24 | 488.61 | 8.47 |
| 355.66 | 10.77 | 400.40 | 9.94 | 444.92 | 9.22 | 489.22 | 8.48 |
| 356.28 | 10.75 | 401.02 | 9.93 | 445.54 | 9.20 | 489.83 | 8.45 |
| 356.90 | 10.76 | 401.64 | 9.91 | 446.16 | 9.19 | 490.45 | 8.43 |
| 357.53 | 10.74 | 402.26 | 9.89 | 446.77 | 9.19 | 491.06 | 8.43 |
| 358.15 | 10.73 | 402.88 | 9.88 | 447.39 | 9.15 | 491.67 | 8.43 |
| 358.77 | 10.72 | 403.50 | 9.87 | 448.01 | 9.11 | 492.29 | 8.43 |
| 359.40 | 10.71 | 404.12 | 9.86 | 448.62 | 9.12 | 492.90 | 8.41 |
| 360.02 | 10.72 | 404.74 | 9.85 | 449.24 | 9.11 | 493.51 | 8.40 |
| 360.64 | 10.70 | 405.36 | 9.82 | 449.86 | 9.08 | 494.13 | 8.37 |
| 361.26 | 10.70 | 405.98 | 9.81 | 450.47 | 9.08 | 494.74 | 8.38 |
| 361.89 | 10.68 | 406.60 | 9.78 | 451.09 | 9.07 | 495.35 | 8.36 |
| 362.51 | 10.67 | 407.22 | 9.78 | 451.71 | 9.05 | 495.97 | 8.36 |
| 363.13 | 10.65 | 407.84 | 9.77 | 452.32 | 9.04 | 496.58 | 8.35 |
| 363.75 | 10.64 | 408.46 | 9.75 | 452.94 | 9.04 | 497.19 | 8.34 |
| 364.38 | 10.62 | 409.08 | 9.74 | 453.55 | 9.02 | 497.81 | 8.35 |
| 365.00 | 10.60 | 409.70 | 9.71 | 454.17 | 9.02 | 498.42 | 8.35 |
| 365.62 | 10.60 | 410.32 | 9.70 | 454.79 | 9.02 | 499.03 | 8.34 |
| 366.24 | 10.59 | 410.93 | 9.68 | 455.40 | 9.01 | 499.65 | 8.31 |
| 366.87 | 10.59 | 411.55 | 9.69 | 456.02 | 9.00 | 500.26 | 8.31 |
| 367.49 | 10.57 | 412.17 | 9.70 | 456.63 | 9.01 | 500.87 | 8.30 |
| 368.11 | 10.57 | 412.79 | 9.69 | 457.25 | 8.97 | 501.49 | 8.29 |
| 368.73 | 10.51 | 413.41 | 9.68 | 457.87 | 8.98 | 502.10 | 8.28 |
| 369.35 | 10.50 | 414.03 | 9.68 | 458.48 | 8.96 | 502.71 | 8.26 |
| 369.98 | 10.47 | 414.65 | 9.65 | 459.10 | 8.95 | 503.32 | 8.27 |
| 370.60 | 10.45 | 415.27 | 9.64 | 459.71 | 8.97 | 503.94 | 8.27 |
| 371.22 | 10.45 | 415.89 | 9.62 | 460.33 | 8.94 | 504.55 | 8.26 |
| 371.84 | 10.44 | 416.51 | 9.63 | 460.95 | 8.92 | 505.16 | 8.24 |
| 372.46 | 10.42 | 417.12 | 9.62 | 461.56 | 8.90 | 505.77 | 8.22 |
| 373.09 | 10.39 | 417.74 | 9.62 | 462.18 | 8.88 | 506.39 | 8.22 |
| 373.71 | 10.39 | 418.36 | 9.62 | 462.79 | 8.86 | 507.00 | 8.21 |
| 374.33 | 10.36 | 418.98 | 9.61 | 463.41 | 8.83 | 507.61 | 8.20 |
| 374.95 | 10.37 | 419.60 | 9.60 | 464.02 | 8.82 | 508.22 | 8.21 |
| 375.57 | 10.32 | 420.22 | 9.59 | 464.64 | 8.79 | 508.84 | 8.21 |
| 376.19 | 10.32 | 420.84 | 9.59 | 465.25 | 8.76 | 509.45 | 8.19 |
| 376.82 | 10.29 | 421.45 | 9.57 | 465.87 | 8.77 | 510.06 | 8.18 |
| 377.44 | 10.28 | 422.07 | 9.58 | 466.48 | 8.77 | 510.67 | 8.18 |
| 378.06 | 10.28 | 422.69 | 9.56 | 467.10 | 8.74 | 511.28 | 8.17 |
| 378.68 | 10.23 | 423.31 | 9.56 | 467.72 | 8.72 | 511.90 | 8.17 |
| 379.30 | 10.23 | 423.93 | 9.55 | 468.33 | 8.73 | 512.51 | 8.14 |
| 379.92 | 10.21 | 424.55 | 9.54 | 468.95 | 8.73 | 513.12 | 8.14 |
| 380.54 | 10.20 | 425.16 | 9.53 | 469.56 | 8.71 | 513.73 | 8.16 |
| 381.17 | 10.19 | 425.78 | 9.52 | 470.18 | 8.72 | 514.34 | 8.14 |
| 381.79 | 10.18 | 426.40 | 9.53 | 470.79 | 8.70 | 514.96 | 8.11 |
| 382.41 | 10.18 | 427.02 | 9.51 | 471.41 | 8.69 | 515.57 | 8.08 |
| 383.03 | 10.17 | 427.64 | 9.52 | 472.02 | 8.69 | 516.18 | 8.08 |
| 383.65 | 10.16 | 428.25 | 9.52 | 472.64 | 8.68 | 516.79 | 8.07 |
| 384.27 | 10.16 | 428.87 | 9.51 | 473.25 | 8.68 | 517.40 | 8.06 |
| 384.89 | 10.14 | 429.49 | 9.50 | 473.86 | 8.68 | 518.02 | 8.04 |
| 385.51 | 10.14 | 430.11 | 9.49 | 474.48 | 8.69 | 518.63 | 8.03 |
| 386.13 | 10.14 | 430.73 | 9.49 | 475.09 | 8.68 | 519.24 | 8.03 |
| 386.75 | 10.12 | 431.34 | 9.46 | 475.71 | 8.67 | 519.85 | 8.02 |
| 387.38 | 10.11 | 431.96 | 9.46 | 476.32 | 8.67 | 520.46 | 8.02 |
| 388.00 | 10.10 | 432.58 | 9.44 | 476.94 | 8.64 | 521.07 | 8.01 |

| | | | | | | | |
|--------|------|--------|------|--------|------|--------|------|
| 521.68 | 7.98 | 565.59 | 7.40 | 609.28 | 6.90 | 652.74 | 6.59 |
| 522.30 | 7.98 | 566.20 | 7.39 | 609.88 | 6.90 | 653.34 | 6.60 |
| 522.91 | 7.97 | 566.81 | 7.39 | 610.49 | 6.90 | 653.94 | 6.59 |
| 523.52 | 7.97 | 567.42 | 7.37 | 611.09 | 6.89 | 654.54 | 6.57 |
| 524.13 | 7.93 | 568.03 | 7.38 | 611.70 | 6.89 | 655.14 | 6.57 |
| 524.74 | 7.92 | 568.63 | 7.37 | 612.30 | 6.87 | 655.75 | 6.57 |
| 525.35 | 7.90 | 569.24 | 7.38 | 612.91 | 6.88 | 656.35 | 6.55 |
| 525.96 | 7.87 | 569.85 | 7.37 | 613.51 | 6.87 | 656.95 | 6.56 |
| 526.57 | 7.84 | 570.46 | 7.37 | 614.12 | 6.86 | 657.55 | 6.55 |
| 527.19 | 7.83 | 571.07 | 7.37 | 614.72 | 6.86 | 658.15 | 6.51 |
| 527.80 | 7.82 | 571.67 | 7.36 | 615.33 | 6.86 | 658.75 | 6.52 |
| 528.41 | 7.82 | 572.28 | 7.34 | 615.93 | 6.87 | 659.36 | 6.50 |
| 529.02 | 7.82 | 572.89 | 7.32 | 616.54 | 6.87 | 659.96 | 6.51 |
| 529.63 | 7.82 | 573.50 | 7.30 | 617.14 | 6.87 | 660.56 | 6.52 |
| 530.24 | 7.82 | 574.10 | 7.30 | 617.74 | 6.86 | 661.16 | 6.49 |
| 530.85 | 7.82 | 574.71 | 7.30 | 618.35 | 6.85 | 661.76 | 6.51 |
| 531.46 | 7.82 | 575.32 | 7.29 | 618.95 | 6.86 | 662.36 | 6.51 |
| 532.07 | 7.82 | 575.93 | 7.28 | 619.56 | 6.84 | 662.96 | 6.49 |
| 532.68 | 7.82 | 576.53 | 7.28 | 620.16 | 6.85 | 663.57 | 6.47 |
| 533.29 | 7.80 | 577.14 | 7.29 | 620.77 | 6.84 | 664.17 | 6.46 |
| 533.90 | 7.79 | 577.75 | 7.29 | 621.37 | 6.82 | 664.77 | 6.44 |
| 534.51 | 7.78 | 578.36 | 7.28 | 621.98 | 6.84 | 665.37 | 6.42 |
| 535.12 | 7.78 | 578.96 | 7.25 | 622.58 | 6.82 | 665.97 | 6.43 |
| 535.73 | 7.77 | 579.57 | 7.26 | 623.18 | 6.82 | 666.57 | 6.43 |
| 536.35 | 7.79 | 580.18 | 7.24 | 623.79 | 6.82 | 667.17 | 6.42 |
| 536.96 | 7.78 | 580.79 | 7.23 | 624.39 | 6.82 | 667.77 | 6.42 |
| 537.57 | 7.75 | 581.39 | 7.23 | 625.00 | 6.83 | 668.38 | 6.42 |
| 538.18 | 7.75 | 582.00 | 7.22 | 625.60 | 6.83 | 668.98 | 6.42 |
| 538.79 | 7.73 | 582.61 | 7.21 | 626.20 | 6.82 | 669.58 | 6.41 |
| 539.40 | 7.73 | 583.21 | 7.19 | 626.81 | 6.83 | 670.18 | 6.41 |
| 540.01 | 7.72 | 583.82 | 7.19 | 627.41 | 6.82 | 670.78 | 6.40 |
| 540.62 | 7.71 | 584.43 | 7.17 | 628.02 | 6.81 | 671.38 | 6.41 |
| 541.23 | 7.70 | 585.04 | 7.17 | 628.62 | 6.81 | 671.98 | 6.40 |
| 541.84 | 7.71 | 585.64 | 7.16 | 629.22 | 6.81 | 672.58 | 6.41 |
| 542.45 | 7.72 | 586.25 | 7.16 | 629.83 | 6.82 | 673.18 | 6.41 |
| 543.06 | 7.69 | 586.86 | 7.16 | 630.43 | 6.80 | 673.78 | 6.38 |
| 543.67 | 7.68 | 587.46 | 7.14 | 631.03 | 6.80 | 674.38 | 6.37 |
| 544.28 | 7.67 | 588.07 | 7.14 | 631.64 | 6.80 | 674.98 | 6.38 |
| 544.89 | 7.64 | 588.68 | 7.12 | 632.24 | 6.80 | 675.58 | 6.36 |
| 545.50 | 7.61 | 589.28 | 7.12 | 632.84 | 6.80 | 676.18 | 6.36 |
| 546.11 | 7.62 | 589.89 | 7.12 | 633.45 | 6.80 | 676.78 | 6.35 |
| 546.71 | 7.61 | 590.50 | 7.10 | 634.05 | 6.79 | 677.38 | 6.35 |
| 547.32 | 7.60 | 591.10 | 7.10 | 634.66 | 6.80 | 677.98 | 6.35 |
| 547.93 | 7.62 | 591.71 | 7.10 | 635.26 | 6.78 | 678.58 | 6.36 |
| 548.54 | 7.59 | 592.31 | 7.09 | 635.86 | 6.77 | 679.18 | 6.36 |
| 549.15 | 7.57 | 592.92 | 7.08 | 636.47 | 6.76 | 679.79 | 6.34 |
| 549.76 | 7.57 | 593.53 | 7.08 | 637.07 | 6.77 | 680.39 | 6.34 |
| 550.37 | 7.57 | 594.13 | 7.08 | 637.67 | 6.77 | 680.99 | 6.31 |
| 550.98 | 7.55 | 594.74 | 7.07 | 638.27 | 6.75 | 681.59 | 6.33 |
| 551.59 | 7.54 | 595.35 | 7.07 | 638.88 | 6.74 | 682.19 | 6.33 |
| 552.20 | 7.55 | 595.95 | 7.08 | 639.48 | 6.73 | 682.79 | 6.33 |
| 552.81 | 7.53 | 596.56 | 7.08 | 640.08 | 6.74 | 683.38 | 6.31 |
| 553.42 | 7.52 | 597.16 | 7.07 | 640.69 | 6.73 | 683.98 | 6.30 |
| 554.03 | 7.49 | 597.77 | 7.08 | 641.29 | 6.71 | 684.58 | 6.33 |
| 554.64 | 7.50 | 598.38 | 7.05 | 641.89 | 6.71 | 685.18 | 6.31 |
| 555.25 | 7.50 | 598.98 | 7.04 | 642.50 | 6.69 | 685.78 | 6.30 |
| 555.85 | 7.51 | 599.59 | 7.03 | 643.10 | 6.69 | 686.38 | 6.31 |
| 556.46 | 7.48 | 600.19 | 7.02 | 643.70 | 6.69 | 686.98 | 6.29 |
| 557.07 | 7.48 | 600.80 | 7.02 | 644.30 | 6.68 | 687.58 | 6.28 |
| 557.68 | 7.48 | 601.41 | 7.02 | 644.91 | 6.67 | 688.18 | 6.24 |
| 558.29 | 7.48 | 602.01 | 7.02 | 645.51 | 6.67 | 688.78 | 6.24 |
| 558.90 | 7.48 | 602.62 | 7.02 | 646.11 | 6.65 | 689.38 | 6.25 |
| 559.51 | 7.47 | 603.22 | 7.01 | 646.71 | 6.64 | 689.98 | 6.23 |
| 560.12 | 7.47 | 603.83 | 6.99 | 647.32 | 6.65 | 690.58 | 6.24 |
| 560.72 | 7.48 | 604.43 | 6.96 | 647.92 | 6.63 | 691.18 | 6.23 |
| 561.33 | 7.48 | 605.04 | 6.94 | 648.52 | 6.62 | 691.78 | 6.22 |
| 561.94 | 7.45 | 605.64 | 6.95 | 649.12 | 6.62 | 692.38 | 6.22 |
| 562.55 | 7.45 | 606.25 | 6.95 | 649.73 | 6.60 | 692.98 | 6.23 |
| 563.16 | 7.43 | 606.86 | 6.94 | 650.33 | 6.61 | 693.58 | 6.22 |
| 563.77 | 7.43 | 607.46 | 6.92 | 650.93 | 6.59 | 694.18 | 6.21 |
| 564.38 | 7.42 | 608.07 | 6.92 | 651.53 | 6.60 | 694.77 | 6.20 |
| 564.98 | 7.42 | 608.67 | 6.91 | 652.13 | 6.62 | 695.37 | 6.22 |

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|--------|------|-------------------|-----------------|
| 695.97 | 6.19 | 738.98 | 5.96 |
| 696.57 | 6.19 | 739.58 | 5.96 |
| 697.17 | 6.18 | 740.18 | 5.96 |
| 697.77 | 6.18 | 740.77 | 5.95 |
| 698.37 | 6.17 | 741.37 | 5.95 |
| 698.97 | 6.19 | 741.96 | 5.94 |
| 699.57 | 6.16 | 742.56 | 5.94 |
| 700.16 | 6.16 | 743.15 | 5.94 |
| 700.76 | 6.15 | 743.75 | 5.93 |
| 701.36 | 6.17 | 744.35 | 5.93 |
| 701.96 | 6.16 | 744.94 | 5.93 |
| 702.56 | 6.13 | 745.54 | 5.94 |
| 703.16 | 6.15 | 746.13 | 5.93 |
| 703.76 | 6.14 | 746.73 | 5.92 |
| 704.35 | 6.14 | 747.32 | 5.93 |
| 704.95 | 6.13 | 747.92 | 5.92 |
| 705.55 | 6.13 | 748.51 | 5.91 |
| 706.15 | 6.14 | 749.11 | 5.91 |
| 706.75 | 6.13 | 749.70 | 5.91 |
| 707.34 | 6.14 | 750.30 | 5.91 |
| 707.94 | 6.15 | 750.89 | 5.91 |
| 708.54 | 6.14 | 751.49 | 5.89 |
| 709.14 | 6.13 | 752.08 | 5.90 |
| 709.74 | 6.13 | 752.68 | 5.90 |
| 710.33 | 6.14 | 753.27 | 5.89 |
| 710.93 | 6.13 | 753.87 | 5.88 |
| 711.53 | 6.12 | 754.46 | 5.88 |
| 712.13 | 6.11 | 755.06 | 5.88 |
| 712.73 | 6.11 | 755.65 | 5.87 |
| 713.32 | 6.12 | 756.25 | 5.87 |
| 713.92 | 6.11 | 756.84 | 5.88 |
| 714.52 | 6.09 | 757.43 | 5.86 |
| 715.12 | 6.11 | 758.03 | 5.86 |
| 715.71 | 6.10 | 758.62 | 5.86 |
| 716.31 | 6.10 | 759.22 | 5.87 |
| 716.91 | 6.09 | 759.81 | 5.85 |
| 717.51 | 6.09 | 760.41 | 5.88 |
| 718.10 | 6.10 | 761.00 | 2.20 |
| 718.70 | 6.10 | | |
| 719.30 | 6.08 | | |
| 719.90 | 6.09 | | |
| 720.49 | 6.10 | | |
| 721.09 | 6.07 | | |
| 721.69 | 6.07 | | |
| 722.28 | 6.07 | | |
| 722.88 | 6.07 | | |
| 723.48 | 6.08 | | |
| 724.08 | 6.06 | | |
| 724.67 | 6.08 | | |
| 725.27 | 6.05 | | |
| 725.87 | 6.06 | | |
| 726.46 | 6.04 | | |
| 727.06 | 6.03 | | |
| 727.66 | 6.03 | | |
| 728.25 | 6.00 | | |
| 728.85 | 6.00 | | |
| 729.45 | 6.01 | | |
| 730.04 | 6.00 | | |
| 730.64 | 5.99 | | |
| 731.23 | 5.98 | | |
| 731.83 | 5.98 | | |
| 732.43 | 5.99 | | |
| 733.02 | 5.99 | | |
| 733.62 | 5.97 | | |
| 734.22 | 5.98 | | |
| 734.81 | 5.98 | | |
| 735.41 | 5.98 | | |
| 736.00 | 5.96 | | |
| 736.60 | 5.95 | | |
| 737.20 | 5.95 | | |
| 737.79 | 5.94 | | |
| 738.39 | 5.95 | | |

XBT-15

47 Bottom at
about 517m

Cruise: 92G02
Date: Wed Jan 29 1992, Julian day = 29
Time: 08:50:54
Lat: 27 30 N
Lon: 93 11 W
Stn: 15

Don't
report

~~0.65 21.20~~
~~1.29 21.85~~
~~1.94 21.74~~
~~2.59 21.69~~

| | | | | | | | |
|-------|-------|-------|-------|--------|-------|--------|-------|
| 3.24 | 21.67 | 41.33 | 21.66 | 81.85 | 20.78 | 122.19 | 18.26 |
| 3.88 | 21.67 | 41.98 | 21.65 | 82.49 | 20.83 | 122.83 | 18.23 |
| 4.53 | 21.66 | 42.62 | 21.65 | 83.13 | 20.84 | 123.47 | 18.21 |
| 5.18 | 21.66 | 43.27 | 21.65 | 83.77 | 20.84 | 124.11 | 18.12 |
| 5.82 | 21.66 | 43.91 | 21.65 | 84.41 | 20.76 | 124.74 | 18.05 |
| 6.47 | 21.65 | 44.55 | 21.65 | 85.05 | 20.70 | 125.38 | 18.00 |
| 7.12 | 21.65 | 45.20 | 21.64 | 85.70 | 20.63 | 126.02 | 17.97 |
| 7.76 | 21.67 | 45.84 | 21.65 | 86.34 | 20.55 | 126.66 | 17.94 |
| 8.41 | 21.66 | 46.49 | 21.65 | 86.98 | 20.49 | 127.30 | 17.91 |
| 9.06 | 21.65 | 47.13 | 21.62 | 87.62 | 20.41 | 127.94 | 17.90 |
| 9.70 | 21.65 | 47.77 | 21.63 | 88.26 | 20.35 | 128.58 | 17.89 |
| 10.35 | 21.66 | 48.42 | 21.61 | 88.90 | 20.30 | 129.21 | 17.86 |
| 11.00 | 21.66 | 49.06 | 21.60 | 89.54 | 20.29 | 129.85 | 17.83 |
| 11.64 | 21.66 | 49.71 | 21.58 | 90.18 | 20.25 | 130.49 | 17.80 |
| 12.29 | 21.66 | 50.35 | 21.57 | 90.83 | 20.20 | 131.13 | 17.78 |
| 12.94 | 21.65 | 50.99 | 21.55 | 91.47 | 20.18 | 131.77 | 17.75 |
| 13.58 | 21.66 | 51.64 | 21.52 | 92.11 | 20.14 | 132.41 | 17.73 |
| 14.23 | 21.65 | 52.28 | 21.48 | 92.75 | 20.09 | 133.04 | 17.69 |
| 14.87 | 21.65 | 52.93 | 21.45 | 93.39 | 20.02 | 133.68 | 17.66 |
| 15.52 | 21.65 | 53.57 | 21.41 | 94.03 | 19.97 | 134.32 | 17.63 |
| 16.17 | 21.66 | 54.21 | 21.40 | 94.67 | 19.89 | 134.96 | 17.57 |
| 16.81 | 21.66 | 54.86 | 21.36 | 95.31 | 19.79 | 135.60 | 17.53 |
| 17.46 | 21.67 | 55.50 | 21.35 | 95.95 | 19.73 | 136.24 | 17.51 |
| 18.10 | 21.66 | 56.14 | 21.29 | 96.59 | 19.66 | 136.87 | 17.50 |
| 18.75 | 21.66 | 56.79 | 21.27 | 97.23 | 19.62 | 137.51 | 17.49 |
| 19.40 | 21.66 | 57.43 | 21.24 | 97.88 | 19.55 | 138.15 | 17.47 |
| 20.04 | 21.66 | 58.07 | 21.22 | 98.52 | 19.47 | 138.79 | 17.39 |
| 20.69 | 21.66 | 58.72 | 21.21 | 99.16 | 19.41 | 139.43 | 17.36 |
| 21.33 | 21.66 | 59.36 | 21.22 | 99.80 | 19.34 | 140.06 | 17.34 |
| 21.98 | 21.65 | 60.00 | 21.20 | 100.44 | 19.31 | 140.70 | 17.33 |
| 22.63 | 21.66 | 60.65 | 21.17 | 101.08 | 19.30 | 141.34 | 17.31 |
| 23.27 | 21.65 | 61.29 | 21.13 | 101.72 | 19.27 | 141.98 | 17.28 |
| 23.92 | 21.66 | 61.93 | 21.10 | 102.36 | 19.23 | 142.61 | 17.26 |
| 24.56 | 21.66 | 62.58 | 21.07 | 103.00 | 19.20 | 143.25 | 17.25 |
| 25.21 | 21.66 | 63.22 | 21.05 | 103.64 | 19.18 | 143.89 | 17.21 |
| 25.85 | 21.65 | 63.86 | 21.02 | 104.28 | 19.13 | 144.53 | 17.16 |
| 26.50 | 21.66 | 64.50 | 21.00 | 104.92 | 19.12 | 145.16 | 17.12 |
| 27.14 | 21.66 | 65.15 | 20.98 | 105.56 | 19.08 | 145.80 | 17.06 |
| 27.79 | 21.67 | 65.79 | 20.89 | 106.20 | 19.04 | 146.44 | 17.02 |
| 28.43 | 21.65 | 66.43 | 20.82 | 106.84 | 18.97 | 147.08 | 16.95 |
| 29.08 | 21.65 | 67.08 | 20.77 | 107.48 | 18.94 | 147.71 | 16.91 |
| 29.73 | 21.65 | 67.72 | 20.73 | 108.12 | 18.86 | 148.35 | 16.86 |
| 30.37 | 21.67 | 68.36 | 20.70 | 108.76 | 18.81 | 148.99 | 16.83 |
| 31.02 | 21.66 | 69.00 | 20.69 | 109.40 | 18.79 | 149.62 | 16.81 |
| 31.66 | 21.65 | 69.65 | 20.66 | 110.04 | 18.75 | 150.26 | 16.77 |
| 32.31 | 21.65 | 70.29 | 20.66 | 110.68 | 18.76 | 150.90 | 16.75 |
| 32.95 | 21.66 | 70.93 | 20.66 | 111.32 | 18.74 | 151.54 | 16.72 |
| 33.60 | 21.65 | 71.57 | 20.64 | 111.96 | 18.73 | 152.17 | 16.69 |
| 34.24 | 21.66 | 72.22 | 20.63 | 112.60 | 18.70 | 152.81 | 16.67 |
| 34.89 | 21.65 | 72.86 | 20.63 | 113.24 | 18.67 | 153.45 | 16.63 |
| 35.53 | 21.66 | 73.50 | 20.62 | 113.88 | 18.62 | 154.08 | 16.57 |
| 36.18 | 21.67 | 74.14 | 20.61 | 114.52 | 18.60 | 154.72 | 16.51 |
| 36.82 | 21.65 | 74.78 | 20.61 | 115.16 | 18.56 | 155.36 | 16.42 |
| 37.46 | 21.66 | 75.43 | 20.61 | 115.80 | 18.49 | 155.99 | 16.34 |
| 38.11 | 21.66 | 76.07 | 20.58 | 116.44 | 18.46 | 156.63 | 16.28 |
| 38.75 | 21.65 | 76.71 | 20.57 | 117.07 | 18.43 | 157.27 | 16.26 |
| 39.40 | 21.66 | 77.35 | 20.55 | 117.71 | 18.42 | 157.90 | 16.25 |
| 40.04 | 21.65 | 77.99 | 20.55 | 118.35 | 18.41 | 158.54 | 16.24 |
| 40.69 | 21.65 | 78.64 | 20.51 | 118.99 | 18.38 | 159.18 | 16.23 |
| | | 79.28 | 20.49 | 119.63 | 18.36 | 159.81 | 16.21 |
| | | 79.92 | 20.53 | 120.27 | 18.34 | 160.45 | 16.19 |
| | | 80.56 | 20.61 | 120.91 | 18.32 | 161.09 | 16.17 |
| | | 81.20 | 20.71 | 121.55 | 18.30 | 161.72 | 16.14 |

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|--------|-------|--------|-------|--------|-------|--------|-------|
| 162.36 | 16.08 | 208.06 | 14.68 | 253.53 | 13.05 | 298.79 | 11.80 |
| 163.00 | 16.05 | 208.69 | 14.67 | 254.16 | 13.03 | 299.41 | 11.77 |
| 163.63 | 16.03 | 209.32 | 14.67 | 254.79 | 13.00 | 300.04 | 11.75 |
| 164.27 | 16.03 | 209.96 | 14.65 | 255.42 | 12.96 | 300.67 | 11.72 |
| 164.90 | 16.02 | 210.59 | 14.64 | 256.05 | 12.92 | 301.29 | 11.70 |
| 165.54 | 15.99 | 211.22 | 14.63 | 256.68 | 12.92 | 301.92 | 11.69 |
| 166.18 | 15.97 | 211.86 | 14.59 | 257.31 | 12.91 | 302.55 | 11.68 |
| 166.81 | 15.94 | 212.49 | 14.58 | 257.94 | 12.90 | 303.17 | 11.68 |
| 167.45 | 15.90 | 213.12 | 14.56 | 258.57 | 12.89 | 303.80 | 11.65 |
| 168.08 | 15.88 | 213.76 | 14.54 | 259.20 | 12.88 | 304.43 | 11.66 |
| 168.72 | 15.86 | 214.39 | 14.52 | 259.83 | 12.84 | 305.05 | 11.62 |
| 169.36 | 15.85 | 215.02 | 14.51 | 260.46 | 12.79 | 305.68 | 11.60 |
| 169.99 | 15.84 | 215.65 | 14.48 | 261.09 | 12.73 | 306.31 | 11.58 |
| 170.63 | 15.82 | 216.29 | 14.43 | 261.72 | 12.70 | 306.93 | 11.54 |
| 171.26 | 15.81 | 216.92 | 14.39 | 262.35 | 12.69 | 307.56 | 11.54 |
| 171.90 | 15.78 | 217.55 | 14.36 | 262.98 | 12.67 | 308.18 | 11.53 |
| 172.53 | 15.75 | 218.18 | 14.35 | 263.61 | 12.67 | 308.81 | 11.51 |
| 173.17 | 15.70 | 218.82 | 14.35 | 264.24 | 12.67 | 309.44 | 11.50 |
| 173.80 | 15.65 | 219.45 | 14.32 | 264.87 | 12.65 | 310.06 | 11.47 |
| 174.44 | 15.62 | 220.08 | 14.30 | 265.50 | 12.64 | 310.69 | 11.42 |
| 175.08 | 15.56 | 220.71 | 14.28 | 266.13 | 12.61 | 311.32 | 11.40 |
| 175.71 | 15.49 | 221.35 | 14.27 | 266.76 | 12.58 | 311.94 | 11.38 |
| 176.35 | 15.45 | 221.98 | 14.27 | 267.38 | 12.57 | 312.57 | 11.38 |
| 176.98 | 15.44 | 222.61 | 14.28 | 268.01 | 12.55 | 313.19 | 11.37 |
| 177.62 | 15.40 | 223.24 | 14.27 | 268.64 | 12.54 | 313.82 | 11.37 |
| 178.25 | 15.38 | 223.87 | 14.26 | 269.27 | 12.52 | 314.45 | 11.36 |
| 178.89 | 15.38 | 224.51 | 14.22 | 269.90 | 12.50 | 315.07 | 11.34 |
| 179.52 | 15.35 | 225.14 | 14.19 | 270.53 | 12.48 | 315.70 | 11.33 |
| 180.16 | 15.34 | 225.77 | 14.17 | 271.16 | 12.46 | 316.32 | 11.32 |
| 180.79 | 15.32 | 226.40 | 14.14 | 271.79 | 12.44 | 316.95 | 11.31 |
| 181.43 | 15.31 | 227.03 | 14.10 | 272.42 | 12.43 | 317.57 | 11.31 |
| 182.06 | 15.29 | 227.67 | 14.07 | 273.04 | 12.41 | 318.20 | 11.29 |
| 182.70 | 15.28 | 228.30 | 14.04 | 273.67 | 12.40 | 318.83 | 11.28 |
| 183.33 | 15.25 | 228.93 | 14.02 | 274.30 | 12.39 | 319.45 | 11.27 |
| 183.97 | 15.24 | 229.56 | 14.01 | 274.93 | 12.38 | 320.08 | 11.26 |
| 184.60 | 15.23 | 230.19 | 13.97 | 275.56 | 12.37 | 320.70 | 11.25 |
| 185.24 | 15.23 | 230.82 | 13.96 | 276.19 | 12.32 | 321.33 | 11.25 |
| 185.87 | 15.25 | 231.46 | 13.93 | 276.82 | 12.29 | 321.95 | 11.24 |
| 186.51 | 15.23 | 232.09 | 13.88 | 277.44 | 12.26 | 322.58 | 11.22 |
| 187.14 | 15.24 | 232.72 | 13.83 | 278.07 | 12.24 | 323.20 | 11.21 |
| 187.78 | 15.23 | 233.35 | 13.80 | 278.70 | 12.22 | 323.83 | 11.22 |
| 188.41 | 15.22 | 233.98 | 13.79 | 279.33 | 12.22 | 324.45 | 11.20 |
| 189.04 | 15.19 | 234.61 | 13.74 | 279.96 | 12.21 | 325.08 | 11.20 |
| 189.68 | 15.17 | 235.24 | 13.72 | 280.59 | 12.20 | 325.70 | 11.20 |
| 190.31 | 15.16 | 235.88 | 13.68 | 281.21 | 12.20 | 326.33 | 11.19 |
| 190.95 | 15.13 | 236.51 | 13.64 | 281.84 | 12.18 | 326.95 | 11.19 |
| 191.58 | 15.10 | 237.14 | 13.59 | 282.47 | 12.18 | 327.58 | 11.17 |
| 192.22 | 15.07 | 237.77 | 13.58 | 283.10 | 12.17 | 328.20 | 11.13 |
| 192.85 | 15.04 | 238.40 | 13.56 | 283.73 | 12.16 | 328.83 | 11.11 |
| 193.48 | 15.05 | 239.03 | 13.54 | 284.35 | 12.15 | 329.45 | 11.09 |
| 194.12 | 15.04 | 239.66 | 13.53 | 284.98 | 12.15 | 330.08 | 11.07 |
| 194.75 | 15.04 | 240.29 | 13.50 | 285.61 | 12.13 | 330.70 | 11.06 |
| 195.39 | 15.04 | 240.92 | 13.49 | 286.24 | 12.12 | 331.33 | 11.06 |
| 196.02 | 15.04 | 241.56 | 13.47 | 286.87 | 12.12 | 331.95 | 11.06 |
| 196.65 | 15.03 | 242.19 | 13.43 | 287.49 | 12.10 | 332.58 | 11.04 |
| 197.29 | 15.03 | 242.82 | 13.43 | 288.12 | 12.10 | 333.20 | 11.04 |
| 197.92 | 15.03 | 243.45 | 13.41 | 288.75 | 12.09 | 333.83 | 11.04 |
| 198.56 | 15.01 | 244.08 | 13.39 | 289.38 | 12.06 | 334.45 | 11.05 |
| 199.19 | 14.97 | 244.71 | 13.36 | 290.00 | 12.04 | 335.08 | 11.04 |
| 199.82 | 14.95 | 245.34 | 13.33 | 290.63 | 12.02 | 335.70 | 11.05 |
| 200.46 | 14.92 | 245.97 | 13.30 | 291.26 | 12.01 | 336.32 | 11.05 |
| 201.09 | 14.92 | 246.60 | 13.28 | 291.89 | 11.97 | 336.95 | 11.04 |
| 201.72 | 14.90 | 247.23 | 13.22 | 292.51 | 11.96 | 337.57 | 11.05 |
| 202.36 | 14.87 | 247.86 | 13.19 | 293.14 | 11.93 | 338.20 | 11.04 |
| 202.99 | 14.86 | 248.49 | 13.17 | 293.77 | 11.92 | 338.82 | 11.04 |
| 203.63 | 14.83 | 249.12 | 13.16 | 294.40 | 11.90 | 339.45 | 11.03 |
| 204.26 | 14.80 | 249.75 | 13.16 | 295.02 | 11.89 | 340.07 | 11.00 |
| 204.89 | 14.77 | 250.38 | 13.14 | 295.65 | 11.87 | 340.69 | 11.00 |
| 205.53 | 14.73 | 251.01 | 13.14 | 296.28 | 11.87 | 341.32 | 10.96 |
| 206.16 | 14.70 | 251.64 | 13.13 | 296.90 | 11.84 | 341.94 | 10.94 |
| 206.79 | 14.69 | 252.27 | 13.10 | 297.53 | 11.83 | 342.57 | 10.91 |
| 207.43 | 14.69 | 252.90 | 13.08 | 298.16 | 11.81 | 343.19 | 10.90 |

| | | | | | | | |
|--------|-------|--------|-------|--------|------|--------|------|
| 343.81 | 10.87 | 388.62 | 10.02 | 433.20 | 9.44 | 477.55 | 9.11 |
| 344.44 | 10.87 | 389.24 | 9.99 | 433.81 | 9.43 | 478.17 | 9.10 |
| 345.06 | 10.84 | 389.86 | 9.96 | 434.43 | 9.40 | 478.78 | 9.11 |
| 345.68 | 10.84 | 390.48 | 9.93 | 435.05 | 9.37 | 479.40 | 9.09 |
| 346.31 | 10.83 | 391.10 | 9.91 | 435.67 | 9.37 | 480.01 | 9.09 |
| 346.93 | 10.83 | 391.72 | 9.90 | 436.28 | 9.37 | 480.62 | 9.09 |
| 347.56 | 10.83 | 392.34 | 9.89 | 436.90 | 9.34 | 481.24 | 9.09 |
| 348.18 | 10.83 | 392.96 | 9.89 | 437.52 | 9.34 | 481.85 | 9.07 |
| 348.80 | 10.83 | 393.58 | 9.89 | 438.14 | 9.33 | 482.47 | 9.06 |
| 349.43 | 10.82 | 394.20 | 9.89 | 438.75 | 9.33 | 483.08 | 9.03 |
| 350.05 | 10.83 | 394.82 | 9.89 | 439.37 | 9.31 | 483.70 | 9.04 |
| 350.67 | 10.82 | 395.44 | 9.89 | 439.99 | 9.30 | 484.31 | 9.03 |
| 351.30 | 10.80 | 396.06 | 9.89 | 440.60 | 9.28 | 484.92 | 9.03 |
| 351.92 | 10.81 | 396.68 | 9.90 | 441.22 | 9.27 | 485.54 | 9.02 |
| 352.54 | 10.80 | 397.30 | 9.89 | 441.84 | 9.27 | 486.15 | 9.04 |
| 353.17 | 10.79 | 397.92 | 9.88 | 442.46 | 9.26 | 486.77 | 9.03 |
| 353.79 | 10.77 | 398.54 | 9.88 | 443.07 | 9.26 | 487.38 | 9.02 |
| 354.41 | 10.77 | 399.16 | 9.88 | 443.69 | 9.27 | 487.99 | 9.02 |
| 355.04 | 10.74 | 399.78 | 9.87 | 444.31 | 9.26 | 488.61 | 9.01 |
| 355.66 | 10.73 | 400.40 | 9.86 | 444.92 | 9.26 | 489.22 | 9.02 |
| 356.28 | 10.71 | 401.02 | 9.87 | 445.54 | 9.26 | 489.83 | 9.02 |
| 356.90 | 10.70 | 401.64 | 9.85 | 446.16 | 9.25 | 490.45 | 9.01 |
| 357.53 | 10.70 | 402.26 | 9.83 | 446.77 | 9.25 | 491.06 | 9.01 |
| 358.15 | 10.68 | 402.88 | 9.82 | 447.39 | 9.25 | 491.67 | 9.00 |
| 358.77 | 10.67 | 403.50 | 9.80 | 448.01 | 9.24 | 492.29 | 8.99 |
| 359.40 | 10.66 | 404.12 | 9.79 | 448.62 | 9.25 | 492.90 | 8.99 |
| 360.02 | 10.66 | 404.74 | 9.77 | 449.24 | 9.23 | 493.51 | 8.99 |
| 360.64 | 10.67 | 405.36 | 9.77 | 449.86 | 9.24 | 494.13 | 8.98 |
| 361.26 | 10.67 | 405.98 | 9.76 | 450.47 | 9.24 | 494.74 | 8.97 |
| 361.89 | 10.66 | 406.60 | 9.76 | 451.09 | 9.24 | 495.35 | 8.96 |
| 362.51 | 10.64 | 407.22 | 9.74 | 451.71 | 9.25 | 495.97 | 8.94 |
| 363.13 | 10.63 | 407.84 | 9.74 | 452.32 | 9.25 | 496.58 | 8.94 |
| 363.75 | 10.62 | 408.46 | 9.74 | 452.94 | 9.24 | 497.19 | 8.92 |
| 364.38 | 10.61 | 409.08 | 9.73 | 453.55 | 9.25 | 497.81 | 8.92 |
| 365.00 | 10.60 | 409.70 | 9.73 | 454.17 | 9.25 | 498.42 | 8.92 |
| 365.62 | 10.59 | 410.32 | 9.71 | 454.79 | 9.23 | 499.03 | 8.91 |
| 366.24 | 10.59 | 410.93 | 9.71 | 455.40 | 9.24 | 499.65 | 8.89 |
| 366.87 | 10.58 | 411.55 | 9.70 | 456.02 | 9.24 | 500.26 | 8.86 |
| 367.49 | 10.57 | 412.17 | 9.69 | 456.63 | 9.23 | 500.87 | 8.84 |
| 368.11 | 10.57 | 412.79 | 9.69 | 457.25 | 9.23 | 501.49 | 8.84 |
| 368.73 | 10.56 | 413.41 | 9.69 | 457.87 | 9.23 | 502.10 | 8.83 |
| 369.35 | 10.55 | 414.03 | 9.68 | 458.48 | 9.23 | 502.71 | 8.84 |
| 369.98 | 10.53 | 414.65 | 9.68 | 459.10 | 9.22 | 503.32 | 8.84 |
| 370.60 | 10.48 | 415.27 | 9.67 | 459.71 | 9.22 | 503.94 | 8.83 |
| 371.22 | 10.48 | 415.89 | 9.67 | 460.33 | 9.22 | 504.55 | 8.83 |
| 371.84 | 10.46 | 416.51 | 9.66 | 460.95 | 9.22 | 505.16 | 8.82 |
| 372.46 | 10.45 | 417.12 | 9.66 | 461.56 | 9.22 | 505.77 | 8.83 |
| 373.09 | 10.43 | 417.74 | 9.63 | 462.18 | 9.22 | 506.39 | 8.83 |
| 373.71 | 10.39 | 418.36 | 9.63 | 462.79 | 9.22 | 507.00 | 8.83 |
| 374.33 | 10.39 | 418.98 | 9.63 | 463.41 | 9.22 | 507.61 | 8.82 |
| 374.95 | 10.37 | 419.60 | 9.63 | 464.02 | 9.22 | 508.22 | 8.82 |
| 375.57 | 10.32 | 420.22 | 9.61 | 464.64 | 9.21 | 508.84 | 8.81 |
| 376.19 | 10.31 | 420.84 | 9.61 | 465.25 | 9.21 | 509.45 | 8.80 |
| 376.82 | 10.30 | 421.45 | 9.60 | 465.87 | 9.20 | 510.06 | 8.78 |
| 377.44 | 10.30 | 422.07 | 9.59 | 466.48 | 9.20 | 510.67 | 8.76 |
| 378.06 | 10.29 | 422.69 | 9.59 | 467.10 | 9.20 | 511.28 | 8.74 |
| 378.68 | 10.28 | 423.31 | 9.57 | 467.72 | 9.21 | 511.90 | 8.69 |
| 379.30 | 10.29 | 423.93 | 9.57 | 468.33 | 9.19 | 512.51 | 8.64 |
| 379.92 | 10.28 | 424.55 | 9.55 | 468.95 | 9.20 | 513.12 | 8.64 |
| 380.54 | 10.29 | 425.16 | 9.55 | 469.56 | 9.18 | 513.73 | 8.60 |
| 381.17 | 10.29 | 425.78 | 9.54 | 470.18 | 9.19 | 514.34 | 8.58 |
| 381.79 | 10.27 | 426.40 | 9.53 | 470.79 | 9.19 | 514.96 | 8.57 |
| 382.41 | 10.23 | 427.02 | 9.51 | 471.41 | 9.17 | 515.57 | 8.56 |
| 383.03 | 10.21 | 427.64 | 9.51 | 472.02 | 9.16 | 516.18 | 8.55 |
| 383.65 | 10.19 | 428.25 | 9.50 | 472.64 | 9.16 | 516.79 | 8.55 |
| 384.27 | 10.16 | 428.87 | 9.50 | 473.25 | 9.16 | 517.40 | 8.55 |
| 384.89 | 10.12 | 429.49 | 9.50 | 473.86 | 9.16 | 518.02 | 8.55 |
| 385.51 | 10.11 | 430.11 | 9.48 | 474.48 | 9.17 | 518.63 | 8.56 |
| 386.13 | 10.10 | 430.73 | 9.48 | 475.09 | 9.15 | 519.24 | 8.55 |
| 386.75 | 10.08 | 431.34 | 9.47 | 475.71 | 9.13 | 519.85 | 8.54 |
| 387.38 | 10.06 | 431.96 | 9.46 | 476.32 | 9.12 | 520.46 | 8.55 |
| 388.00 | 10.03 | 432.58 | 9.44 | 476.94 | 9.11 | 521.07 | 8.55 |

XBT-16

Hit Bottom at
about 237m

Cruise: 92G02
Date: Wed Jan 29 1992, Julian day = 29
Time: 11:05:26 GMT
Lat: 27 45 N
Lon: 93 25 W
Stn: 16

84

*Unit
17.7m*

~~0.65 20.21~~
~~1.29 20.97~~
~~1.94 20.80~~
~~2.58 20.56~~

| | | | | | | | |
|-------|-------|-------|-------|--------|-------|--------|-------|
| 3.24 | 20.55 | 41.33 | 20.50 | 81.85 | 19.75 | 122.19 | 17.62 |
| 3.88 | 20.53 | 41.98 | 20.50 | 82.49 | 19.72 | 122.83 | 17.54 |
| 4.53 | 20.53 | 42.62 | 20.49 | 83.13 | 19.68 | 123.47 | 17.48 |
| 5.18 | 20.53 | 43.27 | 20.49 | 83.77 | 19.65 | 124.11 | 17.42 |
| 5.82 | 20.54 | 43.91 | 20.49 | 84.41 | 19.65 | 124.74 | 17.36 |
| 6.47 | 20.53 | 44.55 | 20.50 | 85.05 | 19.60 | 125.38 | 17.21 |
| 7.12 | 20.54 | 45.20 | 20.49 | 85.70 | 19.57 | 126.02 | 17.14 |
| 7.76 | 20.54 | 45.84 | 20.49 | 86.34 | 19.54 | 126.66 | 17.06 |
| 8.41 | 20.53 | 46.49 | 20.48 | 86.98 | 19.45 | 127.30 | 17.01 |
| 9.06 | 20.53 | 47.13 | 20.49 | 87.62 | 19.36 | 127.94 | 16.96 |
| 9.70 | 20.55 | 47.77 | 20.49 | 88.26 | 19.32 | 128.58 | 16.92 |
| 10.35 | 20.55 | 48.42 | 20.49 | 88.90 | 19.29 | 129.21 | 16.89 |
| 11.00 | 20.54 | 49.06 | 20.49 | 89.54 | 19.23 | 129.85 | 16.84 |
| 11.64 | 20.54 | 49.71 | 20.48 | 90.18 | 19.20 | 130.49 | 16.79 |
| 12.29 | 20.53 | 50.35 | 20.49 | 90.83 | 19.17 | 131.13 | 16.74 |
| 12.94 | 20.54 | 50.99 | 20.48 | 91.47 | 19.16 | 131.77 | 16.71 |
| 13.58 | 20.54 | 51.64 | 20.49 | 92.11 | 19.12 | 132.41 | 16.65 |
| 14.23 | 20.55 | 52.28 | 20.47 | 92.75 | 19.09 | 133.04 | 16.60 |
| 14.87 | 20.55 | 52.93 | 20.48 | 93.39 | 19.06 | 133.68 | 16.53 |
| 15.52 | 20.55 | 53.57 | 20.47 | 94.03 | 19.01 | 134.32 | 16.44 |
| 16.17 | 20.55 | 54.21 | 20.48 | 94.67 | 18.97 | 134.96 | 16.29 |
| 16.81 | 20.55 | 54.86 | 20.46 | 95.31 | 18.95 | 135.60 | 16.17 |
| 17.46 | 20.54 | 55.50 | 20.47 | 95.95 | 18.92 | 136.24 | 16.06 |
| 18.10 | 20.54 | 56.14 | 20.46 | 96.59 | 18.87 | 136.87 | 15.97 |
| 18.75 | 20.54 | 56.79 | 20.47 | 97.23 | 18.84 | 137.51 | 15.86 |
| 19.40 | 20.53 | 57.43 | 20.45 | 97.88 | 18.82 | 138.15 | 15.74 |
| 20.04 | 20.54 | 58.07 | 20.46 | 98.52 | 18.80 | 138.79 | 15.65 |
| 20.69 | 20.53 | 58.72 | 20.45 | 99.16 | 18.80 | 139.43 | 15.59 |
| 21.33 | 20.54 | 59.36 | 20.45 | 99.80 | 18.70 | 140.06 | 15.54 |
| 21.98 | 20.54 | 60.00 | 20.44 | 100.44 | 18.60 | 140.70 | 15.52 |
| 22.63 | 20.53 | 60.65 | 20.45 | 101.08 | 18.52 | 141.34 | 15.50 |
| 23.27 | 20.54 | 61.29 | 20.45 | 101.72 | 18.49 | 141.98 | 15.49 |
| 23.92 | 20.53 | 61.93 | 20.45 | 102.36 | 18.47 | 142.61 | 15.47 |
| 24.56 | 20.53 | 62.58 | 20.44 | 103.00 | 18.47 | 143.25 | 15.45 |
| 25.21 | 20.52 | 63.22 | 20.45 | 103.64 | 18.46 | 143.89 | 15.43 |
| 25.85 | 20.52 | 63.86 | 20.45 | 104.28 | 18.44 | 144.53 | 15.41 |
| 26.50 | 20.52 | 64.50 | 20.45 | 104.92 | 18.40 | 145.16 | 15.41 |
| 27.14 | 20.52 | 65.15 | 20.44 | 105.56 | 18.34 | 145.80 | 15.40 |
| 27.79 | 20.53 | 65.79 | 20.45 | 106.20 | 18.24 | 146.44 | 15.40 |
| 28.43 | 20.52 | 66.43 | 20.44 | 106.84 | 18.14 | 147.08 | 15.39 |
| 29.08 | 20.52 | 67.08 | 20.45 | 107.48 | 18.05 | 147.71 | 15.38 |
| 29.73 | 20.53 | 67.72 | 20.45 | 108.12 | 18.02 | 148.35 | 15.37 |
| 30.37 | 20.51 | 68.36 | 20.44 | 108.76 | 18.00 | 148.99 | 15.36 |
| 31.02 | 20.52 | 69.00 | 20.44 | 109.40 | 17.99 | 149.62 | 15.35 |
| 31.66 | 20.52 | 69.65 | 20.45 | 110.04 | 17.95 | 150.26 | 15.34 |
| 32.31 | 20.52 | 70.29 | 20.44 | 110.68 | 17.89 | 150.90 | 15.34 |
| 32.95 | 20.52 | 70.93 | 20.44 | 111.32 | 17.88 | 151.54 | 15.34 |
| 33.60 | 20.51 | 71.57 | 20.43 | 111.96 | 17.87 | 152.17 | 15.33 |
| 34.24 | 20.50 | 72.22 | 20.41 | 112.60 | 17.86 | 152.81 | 15.33 |
| 34.89 | 20.50 | 72.86 | 20.39 | 113.24 | 17.84 | 153.45 | 15.33 |
| 35.53 | 20.51 | 73.50 | 20.34 | 113.88 | 17.83 | 154.08 | 15.33 |
| 36.18 | 20.50 | 74.14 | 20.34 | 114.52 | 17.83 | 154.72 | 15.33 |
| 36.82 | 20.50 | 74.78 | 20.32 | 115.16 | 17.85 | 155.36 | 15.32 |
| 37.46 | 20.49 | 75.43 | 20.30 | 115.80 | 17.82 | 155.99 | 15.29 |
| 38.11 | 20.49 | 76.07 | 20.27 | 116.44 | 17.81 | 156.63 | 15.28 |
| 38.75 | 20.50 | 76.71 | 20.22 | 117.07 | 17.81 | 157.27 | 15.28 |
| 39.40 | 20.50 | 77.35 | 20.15 | 117.71 | 17.80 | 157.90 | 15.26 |
| 40.04 | 20.49 | 77.99 | 20.09 | 118.35 | 17.80 | 158.54 | 15.26 |
| 40.69 | 20.49 | 78.64 | 20.00 | 118.99 | 17.78 | 159.18 | 15.25 |
| | | 79.28 | 19.91 | 119.63 | 17.77 | 159.81 | 15.22 |
| | | 79.92 | 19.86 | 120.27 | 17.75 | 160.45 | 15.17 |
| | | 80.56 | 19.83 | 120.91 | 17.73 | 161.09 | 15.17 |
| | | 81.20 | 19.79 | 121.55 | 17.70 | 161.72 | 15.17 |

| | | | | | | | |
|--------|-------|-------------------|-------|--------|-------|--------|-------|
| 162.36 | 15.17 | 208.06 | 14.92 | 253.53 | 14.58 | 298.79 | 14.62 |
| 163.00 | 15.12 | 208.69 | 14.92 | 254.16 | 14.59 | 299.41 | 14.61 |
| 163.63 | 15.15 | 209.32 | 14.91 | 254.79 | 14.58 | 300.04 | 14.62 |
| 164.27 | 15.16 | 209.96 | 14.88 | 255.42 | 14.59 | 300.67 | 14.63 |
| 164.90 | 15.16 | 210.59 | 14.87 | 256.05 | 14.57 | 301.29 | 14.62 |
| 165.54 | 15.15 | 211.22 | 14.85 | 256.68 | 14.59 | 301.92 | 14.62 |
| 166.18 | 15.14 | 211.86 | 14.85 | 257.31 | 14.58 | 302.55 | 14.62 |
| 166.81 | 15.14 | 212.49 | 14.84 | 257.94 | 14.59 | 303.17 | 14.63 |
| 167.45 | 15.15 | 213.12 | 14.84 | 258.57 | 14.58 | 303.80 | 14.63 |
| 168.08 | 15.15 | 213.76 | 14.83 | 259.20 | 14.59 | 304.43 | 14.62 |
| 168.72 | 15.14 | 214.39 | 14.82 | 259.83 | 14.59 | 305.05 | 14.63 |
| 169.36 | 15.15 | 215.02 | 14.78 | 260.46 | 14.59 | 305.68 | 14.61 |
| 169.99 | 15.15 | 215.65 | 14.79 | 261.09 | 14.59 | 306.31 | 14.63 |
| 170.63 | 15.15 | 216.29 | 14.78 | 261.72 | 14.58 | 306.93 | 14.62 |
| 171.26 | 15.14 | 216.92 | 14.76 | 262.35 | 14.58 | 307.56 | 14.63 |
| 171.90 | 15.14 | 217.55 | 14.77 | 262.98 | 14.58 | 308.18 | 14.63 |
| 172.53 | 15.15 | 218.18 | 14.78 | 263.61 | 14.59 | 308.81 | 14.63 |
| 173.17 | 15.15 | 218.82 | 14.77 | 264.24 | 14.59 | 309.44 | 14.63 |
| 173.80 | 15.14 | 219.45 | 14.76 | 264.87 | 14.59 | 310.06 | 14.63 |
| 174.44 | 15.15 | 220.08 | 14.75 | 265.50 | 14.58 | 310.69 | 14.63 |
| 175.08 | 15.14 | 220.71 | 14.74 | 266.13 | 14.57 | 311.32 | 14.64 |
| 175.71 | 15.15 | 221.35 | 14.73 | 266.76 | 14.59 | 311.94 | 14.63 |
| 176.35 | 15.15 | 221.98 | 14.72 | 267.38 | 14.58 | 312.57 | 14.61 |
| 176.98 | 15.14 | 222.61 | 14.71 | 268.01 | 14.58 | 313.19 | 14.63 |
| 177.62 | 15.15 | 223.24 | 14.68 | 268.64 | 14.59 | 313.82 | 14.62 |
| 178.25 | 15.14 | 223.87 | 14.70 | 269.27 | 14.58 | 314.45 | 14.63 |
| 178.89 | 15.12 | 224.51 | 14.72 | 269.90 | 14.58 | 315.07 | 14.63 |
| 179.52 | 15.11 | 225.14 | 14.71 | 270.53 | 14.59 | 315.70 | 14.63 |
| 180.16 | 15.10 | 225.77 | 14.69 | 271.16 | 14.59 | 316.32 | 14.64 |
| 180.79 | 15.09 | 226.40 | 14.71 | 271.79 | 14.59 | 316.95 | 14.63 |
| 181.43 | 15.10 | 227.03 | 14.72 | 272.42 | 14.59 | 317.57 | 14.63 |
| 182.06 | 15.09 | 227.67 | 14.71 | 273.04 | 14.59 | 318.20 | 14.63 |
| 182.70 | 15.09 | 228.30 | 14.69 | 273.67 | 14.58 | 318.83 | 14.64 |
| 183.33 | 15.09 | 228.93 | 14.71 | 274.30 | 14.59 | 319.45 | 14.65 |
| 183.97 | 15.10 | 229.56 | 14.71 | 274.93 | 14.60 | 320.08 | 14.64 |
| 184.60 | 15.09 | 230.19 | 14.70 | 275.56 | 14.60 | 320.70 | 14.64 |
| 185.24 | 15.08 | 230.82 | 14.69 | 276.19 | 14.60 | 321.33 | 14.64 |
| 185.87 | 15.08 | 231.46 | 14.71 | 276.82 | 14.60 | 321.95 | 14.64 |
| 186.51 | 15.09 | 232.09 | 14.69 | 277.44 | 14.59 | 322.58 | 14.65 |
| 187.14 | 15.08 | 232.72 | 14.67 | 278.07 | 14.60 | 323.20 | 14.65 |
| 187.78 | 15.08 | 233.35 | 14.63 | 278.70 | 14.59 | 323.83 | 14.65 |
| 188.41 | 15.08 | 233.98 | 14.61 | 279.33 | 14.60 | 324.45 | 14.63 |
| 189.04 | 15.07 | 234.61 | 14.59 | 279.96 | 14.59 | 325.08 | 14.65 |
| 189.68 | 15.08 | 235.24 | 14.59 | 280.59 | 14.60 | 325.70 | 14.64 |
| 190.31 | 15.07 | 235.88 | 14.59 | 281.21 | 14.60 | 326.33 | 14.64 |
| 190.95 | 15.08 | 236.51 | 14.58 | 281.84 | 14.58 | 326.95 | 14.65 |
| 191.58 | 15.06 | 237.14 | 14.57 | 282.47 | 14.61 | 327.58 | 14.64 |
| 192.22 | 15.07 | 237.77 | 14.58 | 283.10 | 14.60 | 328.20 | 14.66 |
| 192.85 | 15.08 | 238.40 | 14.59 | 283.73 | 14.60 | 328.83 | 14.64 |
| 193.48 | 15.07 | 239.03 | 14.58 | 284.35 | 14.60 | 329.45 | 14.64 |
| 194.12 | 15.06 | 239.66 | 14.58 | 284.98 | 14.60 | 330.08 | 14.65 |
| 194.75 | 15.06 | 240.29 | 14.58 | 285.61 | 14.59 | 330.70 | 14.64 |
| 195.39 | 15.07 | 240.92 | 14.59 | 286.24 | 14.60 | 331.33 | 14.65 |
| 196.02 | 15.05 | 241.56 | 14.57 | 286.87 | 14.60 | 331.95 | 14.65 |
| 196.65 | 15.06 | 242.19 | 14.59 | 287.49 | 14.61 | 332.58 | 14.66 |
| 197.29 | 15.05 | 242.82 | 14.58 | 288.12 | 14.59 | 333.20 | 14.65 |
| 197.92 | 15.02 | 243.45 | 14.58 | 288.75 | 14.59 | 333.83 | 14.66 |
| 198.56 | 15.02 | 244.08 | 14.57 | 289.38 | 14.59 | 334.45 | 14.65 |
| 199.19 | 15.02 | 244.71 | 14.57 | 290.00 | 14.61 | 335.08 | 14.66 |
| 199.82 | 15.01 | 245.34 | 14.57 | 290.63 | 14.61 | 335.70 | 14.66 |
| 200.46 | 15.01 | 245.97 | 14.58 | 291.26 | 14.61 | 336.32 | 14.66 |
| 201.09 | 15.00 | 246.60 | 14.57 | 291.89 | 14.61 | 336.95 | 14.66 |
| 201.72 | 15.01 | 247.23 | 14.58 | 292.51 | 14.60 | 337.57 | 14.66 |
| 202.36 | 15.01 | 247.86 | 14.59 | 293.14 | 14.60 | 338.20 | 14.66 |
| 202.99 | 15.00 | 248.49 | 14.58 | 293.77 | 14.62 | 338.82 | 14.66 |
| 203.63 | 15.01 | 249.12 | 14.59 | 294.40 | 14.61 | 339.45 | 14.66 |
| 204.26 | 14.98 | 249.75 | 14.58 | 295.02 | 14.61 | 340.07 | 14.67 |
| 204.89 | 14.98 | 250.38 | 14.58 | 295.65 | 14.63 | 340.69 | 14.66 |
| 205.53 | 14.99 | 251.01 | 14.58 | 296.28 | 14.60 | 341.32 | 14.66 |
| 206.16 | 14.98 | 251.64 | 14.58 | 296.90 | 14.61 | 341.94 | 14.66 |
| 206.79 | 14.96 | 252.27 | 14.58 | 297.53 | 14.61 | 342.57 | 14.66 |
| 207.43 | 14.96 | 252.90 | 14.58 | 298.16 | 14.62 | 343.19 | 14.68 |

CTD DATA

At 8 locations between the Straits of Yucatan and the shelf-slope break south of Galveston, GYRE stopped to make CTD casts to 1000 m using a Seabird SBE-09 Deep Ocean CTD. The first of these was done at 21 30N and 86 00W to obtain a profile of "end member" Caribbean inflow water. The rest were made every 30 minutes of latitude from 24 15N to 27 45N as Gyre made its way SE to NW through warm-core ring Eddy Triton.

The CTD data have been 1 m averaged, but no correction has been made to CTD salinity. The lowest CTD salinity within the broad salinity minimum zone that is present in CTD casts at central Gulf Stations 04, 06, 08, 10, 12, and 14 from 600-950m is 34.876 PSU, which agrees well with the historical salinity versus depth data presented by Morrison and Merrell (1978) and with CTD data that we have collected on subsequent TIGER cruises:

| | |
|--------------------|---|
| CTD at Station 01: | 34.846 PSU at core of AIW Salin Minimum (783 m) |
| CTD at Station 02: | N/A (cast too shallow to reach AIW Salin Minimum) |
| CTD at Station 04: | 34.880 PSU at core of AIW Salin Minimum (705 m) |
| CTD at Station 06: | 34.876 PSU at core of AIW Salin Minimum (788 m) |
| CTD at Station 08: | 34.881 PSU at core of AIW Salin Minimum (851 m) |
| CTD at Station 10: | 34.884 PSU at core of AIW Salin Minimum (840 m) |
| CTD at Station 12: | 34.882 PSU at core of AIW Salin Minimum (783 m) |
| CTD at Station 14: | 34.880 PSU at core of AIW Salin Minimum (736 m) |

The CTD salinity data also confirm that Eddy Triton had separated relatively recently from the Loop Current: salinity > 36.55 PSU, which is generally accepted to be indicative of the Caribbean surface water origin of Gulf of Mexico warm-core eddies, was present in the upper 200m at CTD 02, 04, 06, 08, and 10 (though not at CTD 12 or CTD 14). At CTD 10, salinity reached 36.68 PSU at 150 m.

Depths of Isotherms (m)
from CTD stations

Ship R/V Gyre Cruise # 92 G-02

CTD

| XBT No. | 01 | 02 | 04 | 06 | 08 | 10 | 12 | 14 |
|--------------------|----------|----------------|----------|----------|----------|----------|----------|----------|
| Date (GMT) | 01-26-92 | 01-27-92 | 01-27-92 | 01-28-92 | 01-28-92 | 01-28-92 | 01-29-92 | 01-29-92 |
| Time (GMT) | 0532 | 1126 | 1804 | 0040 | 1147 | 1905 | 0034 | 0555 |
| N. Latitude | 21 30.3 | 24 15.0 | 24 45.1 | 25 15.0 | 25 45.0 | 26 15.2 | 26 45.0 | 27 15.1 |
| W. Longitude | 86 00.1 | 89 27.9 | 90 06.3 | 90 45.1 | 91 34.8 | 92 11.8 | 92 35.5 | 93 00.3 |
| Surf. Sal. (‰) | 35.91 | 36.38 | 36.33 | 36.15 | 36.37 | 36.40 | 36.33 | 36.12 |
| Surf. Temp. (°C) | 26.55 | 22.69 | 22.34 | 22.22 | 23.20 | 23.17 | 22.54 | 21.36 |
| 29 °C | | | | | | | | |
| 28 | | | | | | | | |
| 27 | | | | | | | | |
| 26 | 98 | | | | | | | |
| 25 | 109 | | | | | | | |
| 24 | 130 | | | | | | | |
| 23 | 144 | | | | 146 | 64 | | |
| 22 | 159 | 80 | 61 | 30 | 149 | 131 | 74 | |
| 21 | 178 | 97 | 110 | 136 | 163 | 141 | 98 | 84 |
| 20 | 198 | 109 | 122 | 145 | 179 | 157 | 111 | 93 |
| 19 | 220 | 123 | 139 | 168 | 203 | 172 | 128 | 104 |
| 18 | 270 | 145 | 157 | 198 | 229 | 187 | 146 | 128 |
| 17 | 307 | 167 | 177 | 220 | 250 | 211 | 165 | 151 |
| 16 | 344 | 185 | 203 | 245 | 278 | 240 | 188 | 169 |
| 15 | 382 | 212 | 229 | 267 | 298 | 272 | 220 | 194 |
| 14 | 413 | 250 | 252 | 299 | 327 | 305 | 247 | 231 |
| 13 | 448 | 293 | 279 | 335 | 361 | 341 | 269 | 262 |
| 12 | 479 | 322 | 318 | 363 | 401 | 377 | 315 | 308 |
| 11 | 517 | 373 | 367 | 408 | 458 | 427 | 364 | 354 |
| 10 | 544 | 426 | 424 | 457 | 525 | 478 | 413 | 395 |
| 9 | 579 | 484 | 482 | 507 | 582 | 550 | 478 | 472 |
| 8 | 655 | (record stops) | 537 | 592 | 652 | 612 | 554 | 541 |
| 7 | 724 | at Z = 400m) | 614 | 682 | 738 | 701 | 651 | 628 |
| 6 | 842 | | 756 | 808 | 862 | 848 | 794 | 782 |

Cruise: 92G02
 Date: Sun Jan 26 1992, Julian day = 26
 Time: 05:26:40 GMT
 Lat: 21 30.038 N
 Lon: 86 00.016 W
 Stn. 01

| meters | temp | salinity | sigma-t | | | | |
|--------|---------|----------|---------|---------|---------|---------|---------|
| 4.000 | 26.5481 | 35.9251 | 23.5609 | 65.000 | 26.8013 | 36.1642 | 23.6607 |
| 5.000 | 26.5522 | 35.9112 | 23.5491 | 66.000 | 26.8017 | 36.1690 | 23.6641 |
| 6.000 | 26.5453 | 35.9116 | 23.5516 | 67.000 | 26.7943 | 36.1807 | 23.6753 |
| 7.000 | 26.5384 | 35.9124 | 23.5543 | 68.000 | 26.7881 | 36.1862 | 23.6814 |
| 8.000 | 26.5382 | 35.9122 | 23.5542 | 69.000 | 26.7595 | 36.2007 | 23.7015 |
| 9.000 | 26.5476 | 35.9121 | 23.5512 | 70.000 | 26.7244 | 36.2148 | 23.7233 |
| 10.000 | 26.5502 | 35.9120 | 23.5503 | 71.000 | 26.6392 | 36.2220 | 23.7559 |
| 11.000 | 26.5482 | 35.9120 | 23.5510 | 72.000 | 26.6206 | 36.2217 | 23.7615 |
| 12.000 | 26.5486 | 35.9122 | 23.5510 | 73.000 | 26.6119 | 36.2216 | 23.7642 |
| 13.000 | 26.5497 | 35.9120 | 23.5504 | 74.000 | 26.5960 | 36.2230 | 23.7703 |
| 14.000 | 26.5512 | 35.9118 | 23.5494 | 75.000 | 26.5902 | 36.2247 | 23.7734 |
| 15.000 | 26.5527 | 35.9116 | 23.5486 | 76.000 | 26.5555 | 36.2352 | 23.7924 |
| 16.000 | 26.5547 | 35.9116 | 23.5486 | 77.000 | 26.4279 | 36.2758 | 23.8635 |
| 17.000 | 26.5527 | 35.9113 | 23.5490 | 78.000 | 26.4259 | 36.2827 | 23.8693 |
| 18.000 | 26.5557 | 35.9130 | 23.5493 | 79.000 | 26.4315 | 36.2918 | 23.8744 |
| 19.000 | 26.5546 | 35.9121 | 23.5490 | 80.000 | 26.4219 | 36.2952 | 23.8800 |
| 20.000 | 26.5532 | 35.9117 | 23.5491 | 81.000 | 26.4178 | 36.2960 | 23.8819 |
| 21.000 | 26.5514 | 35.9108 | 23.5490 | 82.000 | 26.4123 | 36.2968 | 23.8842 |
| 22.000 | 26.5531 | 35.9118 | 23.5492 | 83.000 | 26.3937 | 36.3020 | 23.8941 |
| 23.000 | 26.5518 | 35.9107 | 23.5488 | 84.000 | 26.3782 | 36.3114 | 23.9061 |
| 24.000 | 26.5498 | 35.9103 | 23.5491 | 85.000 | 26.3695 | 36.3127 | 23.9098 |
| 25.000 | 26.5532 | 35.9119 | 23.5493 | 86.000 | 26.3598 | 36.3175 | 23.9165 |
| 26.000 | 26.5556 | 35.9127 | 23.5491 | 87.000 | 26.3524 | 36.3197 | 23.9205 |
| 27.000 | 26.5536 | 35.9117 | 23.5490 | 88.000 | 26.3389 | 36.3252 | 23.9288 |
| 28.000 | 26.5574 | 35.9141 | 23.5496 | 89.000 | 26.3306 | 36.3281 | 23.9337 |
| 29.000 | 26.5622 | 35.9157 | 23.5492 | 90.000 | 26.2998 | 36.3379 | 23.9508 |
| 30.000 | 26.5634 | 35.9159 | 23.5491 | 91.000 | 26.2639 | 36.3536 | 23.9740 |
| 31.000 | 26.5605 | 35.9147 | 23.5491 | 92.000 | 26.2190 | 36.3731 | 24.0028 |
| 32.000 | 26.5554 | 35.9123 | 23.5489 | 93.000 | 26.1828 | 36.3906 | 24.0275 |
| 33.000 | 26.5541 | 35.9118 | 23.5490 | 94.000 | 26.1684 | 36.3938 | 24.0344 |
| 34.000 | 26.5530 | 35.9118 | 23.5493 | 95.000 | 26.1594 | 36.3955 | 24.0385 |
| 35.000 | 26.5554 | 35.9127 | 23.5492 | 96.000 | 26.1591 | 36.3953 | 24.0385 |
| 36.000 | 26.5530 | 35.9120 | 23.5494 | 97.000 | 26.1253 | 36.3997 | 24.0524 |
| 37.000 | 26.5551 | 35.9130 | 23.5495 | 98.000 | 26.0605 | 36.4239 | 24.0911 |
| 38.000 | 26.5546 | 35.9126 | 23.5494 | 99.000 | 26.0560 | 36.4251 | 24.0934 |
| 39.000 | 26.5563 | 35.9135 | 23.5495 | 100.000 | 25.9575 | 36.4328 | 24.1301 |
| 40.000 | 26.5572 | 35.9137 | 23.5494 | 101.000 | 25.7074 | 36.5011 | 24.2597 |
| 41.000 | 26.5648 | 35.9173 | 23.5497 | 102.000 | 25.6337 | 36.5308 | 24.3051 |
| 42.000 | 26.5642 | 35.9180 | 23.5504 | 103.000 | 25.4633 | 36.5834 | 24.3977 |
| 43.000 | 26.5659 | 35.9176 | 23.5495 | 104.000 | 25.4197 | 36.5943 | 24.4194 |
| 44.000 | 26.5639 | 35.9173 | 23.5499 | 105.000 | 25.4028 | 36.5939 | 24.4244 |
| 45.000 | 26.5670 | 35.9184 | 23.5498 | 106.000 | 25.3618 | 36.5957 | 24.4384 |
| 46.000 | 26.5675 | 35.9182 | 23.5495 | 107.000 | 25.2695 | 36.6020 | 24.4716 |
| 47.000 | 26.5686 | 35.9185 | 23.5493 | 108.000 | 25.1261 | 36.6157 | 24.5261 |
| 48.000 | 26.5780 | 35.9227 | 23.5496 | 109.000 | 25.0297 | 36.6206 | 24.5593 |
| 49.000 | 26.5706 | 35.9191 | 23.5492 | 110.000 | 24.9404 | 36.6304 | 24.5940 |
| 50.000 | 26.5773 | 35.9228 | 23.5499 | 111.000 | 24.8705 | 36.6359 | 24.6196 |
| 51.000 | 26.5813 | 35.9235 | 23.5491 | 112.000 | 24.7553 | 36.6374 | 24.6558 |
| 52.000 | 26.5861 | 35.9259 | 23.5494 | 113.000 | 24.5760 | 36.6560 | 24.7243 |
| 53.000 | 26.5901 | 35.9284 | 23.5500 | 114.000 | 24.4823 | 36.6763 | 24.7680 |
| 54.000 | 26.5969 | 35.9317 | 23.5503 | 115.000 | 24.4691 | 36.6786 | 24.7737 |
| 55.000 | 26.5979 | 35.9321 | 23.5504 | 116.000 | 24.4546 | 36.6865 | 24.7841 |
| 56.000 | 26.5988 | 35.9327 | 23.5505 | 117.000 | 24.4498 | 36.6984 | 24.7945 |
| 57.000 | 26.6183 | 35.9456 | 23.5540 | 118.000 | 24.4477 | 36.7158 | 24.8083 |
| 58.000 | 26.6355 | 35.9550 | 23.5557 | 119.000 | 24.4011 | 36.7397 | 24.8405 |
| 59.000 | 26.6752 | 35.9937 | 23.5722 | 120.000 | 24.3123 | 36.7665 | 24.8876 |
| 60.000 | 26.7445 | 36.0536 | 23.5954 | 121.000 | 24.2601 | 36.7653 | 24.9023 |
| 61.000 | 26.7575 | 36.0751 | 23.6074 | 122.000 | 24.2098 | 36.7736 | 24.9237 |
| 62.000 | 26.7631 | 36.0967 | 23.6220 | 123.000 | 24.2126 | 36.7750 | 24.9240 |
| 63.000 | 26.7800 | 36.1252 | 23.6380 | 124.000 | 24.2083 | 36.7781 | 24.9276 |
| 64.000 | 26.8017 | 36.1649 | 23.6610 | 125.000 | 24.2085 | 36.7784 | 24.9278 |
| | | | | 126.000 | 24.2073 | 36.7785 | 24.9283 |
| | | | | 127.000 | 24.1977 | 36.7791 | 24.9315 |
| | | | | 128.000 | 24.1477 | 36.7835 | 24.9499 |
| | | | | 129.000 | 24.0917 | 36.7892 | 24.9709 |
| | | | | 130.000 | 23.9863 | 36.7872 | 25.0010 |
| | | | | 131.000 | 23.9356 | 36.7875 | 25.0163 |
| | | | | 132.000 | 23.8818 | 36.7886 | 25.0332 |
| | | | | 133.000 | 23.8026 | 36.7916 | 25.0590 |
| | | | | 134.000 | 23.7020 | 36.8025 | 25.0971 |
| | | | | 135.000 | 23.6741 | 36.8063 | 25.1081 |
| | | | | 136.000 | 23.6415 | 36.8081 | 25.1192 |

| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 137.000 | 23.5763 | 36.8049 | 25.1360 | 209.000 | 19.6107 | 36.6872 | 26.1536 |
| 138.000 | 23.3595 | 36.8065 | 25.2011 | 210.000 | 19.5828 | 36.6819 | 26.1569 |
| 139.000 | 23.2902 | 36.8070 | 25.2218 | 211.000 | 19.5557 | 36.6771 | 26.1603 |
| 140.000 | 23.2464 | 36.8095 | 25.2365 | 212.000 | 19.5147 | 36.6718 | 26.1671 |
| 141.000 | 23.2241 | 36.8121 | 25.2449 | 213.000 | 19.4784 | 36.6704 | 26.1755 |
| 142.000 | 23.0851 | 36.8185 | 25.2904 | 214.000 | 19.4552 | 36.6662 | 26.1783 |
| 143.000 | 23.0119 | 36.8365 | 25.3253 | 215.000 | 19.3733 | 36.6508 | 26.1880 |
| 144.000 | 22.9907 | 36.8381 | 25.3327 | 216.000 | 19.3029 | 36.6420 | 26.1996 |
| 145.000 | 22.8834 | 36.8300 | 25.3577 | 217.000 | 19.2221 | 36.6325 | 26.2133 |
| 146.000 | 22.7810 | 36.8381 | 25.3935 | 218.000 | 19.1546 | 36.6258 | 26.2257 |
| 147.000 | 22.6988 | 36.8609 | 25.4346 | 219.000 | 19.0610 | 36.6160 | 26.2424 |
| 148.000 | 22.6763 | 36.8716 | 25.4491 | 220.000 | 18.9927 | 36.6117 | 26.2567 |
| 149.000 | 22.6170 | 36.8824 | 25.4744 | 221.000 | 18.9703 | 36.6053 | 26.2575 |
| 150.000 | 22.5651 | 36.8825 | 25.4895 | 222.000 | 18.9284 | 36.6025 | 26.2662 |
| 151.000 | 22.4681 | 36.8745 | 25.5112 | 223.000 | 18.9023 | 36.5961 | 26.2680 |
| 152.000 | 22.4084 | 36.8790 | 25.5317 | 224.000 | 18.8689 | 36.5942 | 26.2751 |
| 153.000 | 22.3957 | 36.8817 | 25.5374 | 225.000 | 18.8401 | 36.5907 | 26.2798 |
| 154.000 | 22.3871 | 36.8778 | 25.5369 | 226.000 | 18.8179 | 36.5877 | 26.2832 |
| 155.000 | 22.3430 | 36.8753 | 25.5476 | 227.000 | 18.7889 | 36.5822 | 26.2864 |
| 156.000 | 22.2173 | 36.8713 | 25.5803 | 228.000 | 18.7713 | 36.5832 | 26.2917 |
| 157.000 | 22.0567 | 36.8817 | 25.6339 | 229.000 | 18.7484 | 36.5771 | 26.2929 |
| 158.000 | 22.0370 | 36.8725 | 25.6324 | 230.000 | 18.6951 | 36.5718 | 26.3025 |
| 159.000 | 21.9955 | 36.8725 | 25.6442 | 231.000 | 18.6781 | 36.5721 | 26.3070 |
| 160.000 | 21.9710 | 36.8737 | 25.6521 | 232.000 | 18.6617 | 36.5680 | 26.3081 |
| 161.000 | 21.9544 | 36.8726 | 25.6559 | 233.000 | 18.6396 | 36.5653 | 26.3116 |
| 162.000 | 21.9096 | 36.8617 | 25.6602 | 234.000 | 18.6338 | 36.5649 | 26.3128 |
| 163.000 | 21.7271 | 36.8608 | 25.7109 | 235.000 | 18.6287 | 36.5636 | 26.3131 |
| 164.000 | 21.6359 | 36.8650 | 25.7396 | 236.000 | 18.6202 | 36.5605 | 26.3128 |
| 165.000 | 21.6304 | 36.8627 | 25.7394 | 237.000 | 18.5943 | 36.5575 | 26.3172 |
| 166.000 | 21.6198 | 36.8607 | 25.7408 | 238.000 | 18.5773 | 36.5562 | 26.3205 |
| 167.000 | 21.5928 | 36.8491 | 25.7396 | 239.000 | 18.5589 | 36.5524 | 26.3222 |
| 168.000 | 21.4546 | 36.8459 | 25.7757 | 240.000 | 18.5437 | 36.5505 | 26.3246 |
| 169.000 | 21.4137 | 36.8541 | 25.7933 | 241.000 | 18.5276 | 36.5477 | 26.3266 |
| 170.000 | 21.3892 | 36.8518 | 25.7983 | 242.000 | 18.5048 | 36.5438 | 26.3293 |
| 171.000 | 21.3740 | 36.8515 | 25.8023 | 243.000 | 18.4952 | 36.5448 | 26.3326 |
| 172.000 | 21.3684 | 36.8494 | 25.8023 | 244.000 | 18.4725 | 36.5390 | 26.3339 |
| 173.000 | 21.3560 | 36.8479 | 25.8046 | 245.000 | 18.4552 | 36.5396 | 26.3387 |
| 174.000 | 21.3363 | 36.8465 | 25.8090 | 246.000 | 18.4500 | 36.5381 | 26.3389 |
| 175.000 | 21.3191 | 36.8453 | 25.8128 | 247.000 | 18.4470 | 36.5367 | 26.3386 |
| 176.000 | 21.2926 | 36.8407 | 25.8167 | 248.000 | 18.4384 | 36.5341 | 26.3388 |
| 177.000 | 21.1528 | 36.8247 | 25.8431 | 249.000 | 18.4213 | 36.5322 | 26.3416 |
| 178.000 | 21.0059 | 36.8198 | 25.8798 | 250.000 | 18.4096 | 36.5286 | 26.3418 |
| 179.000 | 20.8683 | 36.8143 | 25.9134 | 251.000 | 18.3838 | 36.5237 | 26.3446 |
| 180.000 | 20.7610 | 36.8089 | 25.9385 | 252.000 | 18.3526 | 36.5211 | 26.3505 |
| 181.000 | 20.6351 | 36.7958 | 25.9628 | 253.000 | 18.3339 | 36.5202 | 26.3544 |
| 182.000 | 20.5965 | 36.7959 | 25.9734 | 254.000 | 18.3172 | 36.5165 | 26.3558 |
| 183.000 | 20.5529 | 36.7788 | 25.9721 | 255.000 | 18.3053 | 36.5127 | 26.3559 |
| 184.000 | 20.4696 | 36.7739 | 25.9909 | 256.000 | 18.2640 | 36.5020 | 26.3581 |
| 185.000 | 20.4043 | 36.7756 | 26.0098 | 257.000 | 18.2201 | 36.5000 | 26.3675 |
| 186.000 | 20.3653 | 36.7743 | 26.0193 | 258.000 | 18.1831 | 36.5008 | 26.3775 |
| 187.000 | 20.3430 | 36.7754 | 26.0261 | 259.000 | 18.1772 | 36.5028 | 26.3805 |
| 188.000 | 20.3508 | 36.7732 | 26.0224 | 260.000 | 18.1752 | 36.5020 | 26.3804 |
| 189.000 | 20.3201 | 36.7656 | 26.0248 | 261.000 | 18.1731 | 36.5006 | 26.3799 |
| 190.000 | 20.3016 | 36.7659 | 26.0301 | 262.000 | 18.1727 | 36.5008 | 26.3800 |
| 191.000 | 20.2942 | 36.7656 | 26.0319 | 263.000 | 18.1726 | 36.5002 | 26.3797 |
| 192.000 | 20.2830 | 36.7617 | 26.0319 | 264.000 | 18.1547 | 36.4946 | 26.3798 |
| 193.000 | 20.2537 | 36.7575 | 26.0365 | 265.000 | 18.1366 | 36.4929 | 26.3830 |
| 194.000 | 20.2091 | 36.7505 | 26.0431 | 266.000 | 18.1060 | 36.4901 | 26.3885 |
| 195.000 | 20.1514 | 36.7536 | 26.0610 | 267.000 | 18.0684 | 36.4836 | 26.3929 |
| 196.000 | 20.1188 | 36.7434 | 26.0619 | 268.000 | 18.0337 | 36.4796 | 26.3985 |
| 197.000 | 20.0516 | 36.7266 | 26.0670 | 269.000 | 18.0257 | 36.4791 | 26.4001 |
| 198.000 | 19.9934 | 36.7261 | 26.0821 | 270.000 | 18.0156 | 36.4743 | 26.3990 |
| 199.000 | 19.9340 | 36.7198 | 26.0931 | 271.000 | 17.9844 | 36.4695 | 26.4031 |
| 200.000 | 19.8875 | 36.7183 | 26.1043 | 272.000 | 17.9469 | 36.4637 | 26.4080 |
| 201.000 | 19.8163 | 36.7104 | 26.1171 | 273.000 | 17.9046 | 36.4581 | 26.4141 |
| 202.000 | 19.7492 | 36.7051 | 26.1308 | 274.000 | 17.8429 | 36.4498 | 26.4231 |
| 203.000 | 19.6708 | 36.6968 | 26.1451 | 275.000 | 17.8140 | 36.4432 | 26.4252 |
| 204.000 | 19.6618 | 36.6953 | 26.1464 | 276.000 | 17.8011 | 36.4422 | 26.4276 |
| 205.000 | 19.6557 | 36.6942 | 26.1472 | 277.000 | 17.7903 | 36.4386 | 26.4275 |
| 206.000 | 19.6508 | 36.6932 | 26.1477 | 278.000 | 17.7755 | 36.4368 | 26.4297 |
| 207.000 | 19.6418 | 36.6910 | 26.1483 | 279.000 | 17.7599 | 36.4286 | 26.4273 |
| 208.000 | 19.6283 | 36.6896 | 26.1508 | 280.000 | 17.7060 | 36.4207 | 26.4346 |

| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 281.000 | 17.6535 | 36.4170 | 26.4446 | 353.000 | 15.6344 | 36.0793 | 26.6629 |
| 282.000 | 17.6280 | 36.4099 | 26.4455 | 354.000 | 15.6172 | 36.0775 | 26.6654 |
| 283.000 | 17.6032 | 36.4049 | 26.4477 | 355.000 | 15.5707 | 36.0677 | 26.6684 |
| 284.000 | 17.5771 | 36.4036 | 26.4531 | 356.000 | 15.5205 | 36.0666 | 26.6789 |
| 285.000 | 17.5622 | 36.3988 | 26.4531 | 357.000 | 15.5279 | 36.0646 | 26.6757 |
| 286.000 | 17.5232 | 36.3929 | 26.4581 | 358.000 | 15.5169 | 36.0576 | 26.6728 |
| 287.000 | 17.5059 | 36.3936 | 26.4629 | 359.000 | 15.4933 | 36.0604 | 26.6803 |
| 288.000 | 17.4991 | 36.3923 | 26.4636 | 360.000 | 15.4924 | 36.0604 | 26.6805 |
| 289.000 | 17.4943 | 36.3903 | 26.4632 | 361.000 | 15.4929 | 36.0600 | 26.6801 |
| 290.000 | 17.4881 | 36.3882 | 26.4631 | 362.000 | 15.4916 | 36.0594 | 26.6799 |
| 291.000 | 17.4726 | 36.3849 | 26.4643 | 363.000 | 15.4843 | 36.0555 | 26.6785 |
| 292.000 | 17.4610 | 36.3838 | 26.4663 | 364.000 | 15.4730 | 36.0531 | 26.6792 |
| 293.000 | 17.4529 | 36.3801 | 26.4654 | 365.000 | 15.4576 | 36.0505 | 26.6807 |
| 294.000 | 17.4163 | 36.3707 | 26.4672 | 366.000 | 15.4525 | 36.0511 | 26.6823 |
| 295.000 | 17.3760 | 36.3679 | 26.4749 | 367.000 | 15.4468 | 36.0501 | 26.6829 |
| 296.000 | 17.3387 | 36.3619 | 26.4793 | 368.000 | 15.4382 | 36.0478 | 26.6830 |
| 297.000 | 17.2967 | 36.3593 | 26.4874 | 369.000 | 15.4228 | 36.0454 | 26.6846 |
| 298.000 | 17.2792 | 36.3525 | 26.4865 | 370.000 | 15.3960 | 36.0418 | 26.6879 |
| 299.000 | 17.2519 | 36.3494 | 26.4907 | 371.000 | 15.3660 | 36.0361 | 26.6902 |
| 300.000 | 17.2351 | 36.3469 | 26.4929 | 372.000 | 15.3480 | 36.0323 | 26.6914 |
| 301.000 | 17.2283 | 36.3472 | 26.4948 | 373.000 | 15.3272 | 36.0302 | 26.6944 |
| 302.000 | 17.2171 | 36.3438 | 26.4949 | 374.000 | 15.3153 | 36.0294 | 26.6965 |
| 303.000 | 17.1971 | 36.3401 | 26.4969 | 375.000 | 15.3065 | 36.0272 | 26.6967 |
| 304.000 | 17.1729 | 36.3365 | 26.4999 | 376.000 | 15.2950 | 36.0248 | 26.6975 |
| 305.000 | 17.1189 | 36.3263 | 26.5051 | 377.000 | 15.2411 | 36.0161 | 26.7029 |
| 306.000 | 17.0527 | 36.3125 | 26.5105 | 378.000 | 15.1998 | 36.0097 | 26.7071 |
| 307.000 | 17.0087 | 36.3098 | 26.5190 | 379.000 | 15.1775 | 36.0039 | 26.7077 |
| 308.000 | 16.9411 | 36.2958 | 26.5244 | 380.000 | 15.1478 | 35.9967 | 26.7087 |
| 309.000 | 16.9107 | 36.2962 | 26.5320 | 381.000 | 15.1022 | 35.9860 | 26.7106 |
| 310.000 | 16.9010 | 36.2932 | 26.5320 | 382.000 | 15.0326 | 35.9720 | 26.7153 |
| 311.000 | 16.8858 | 36.2887 | 26.5322 | 383.000 | 14.9775 | 35.9713 | 26.7269 |
| 312.000 | 16.8691 | 36.2864 | 26.5344 | 384.000 | 14.9506 | 35.9660 | 26.7288 |
| 313.000 | 16.8615 | 36.2848 | 26.5350 | 385.000 | 14.8879 | 35.9500 | 26.7303 |
| 314.000 | 16.8567 | 36.2832 | 26.5349 | 386.000 | 14.8376 | 35.9463 | 26.7385 |
| 315.000 | 16.8482 | 36.2813 | 26.5355 | 387.000 | 14.8111 | 35.9410 | 26.7403 |
| 316.000 | 16.8283 | 36.2784 | 26.5380 | 388.000 | 14.7511 | 35.9287 | 26.7439 |
| 317.000 | 16.8051 | 36.2720 | 26.5386 | 389.000 | 14.6752 | 35.9207 | 26.7544 |
| 318.000 | 16.7590 | 36.2610 | 26.5411 | 390.000 | 14.6332 | 35.9146 | 26.7588 |
| 319.000 | 16.7170 | 36.2603 | 26.5505 | 391.000 | 14.5941 | 35.9065 | 26.7610 |
| 320.000 | 16.7027 | 36.2588 | 26.5528 | 392.000 | 14.5147 | 35.8933 | 26.7681 |
| 321.000 | 16.6955 | 36.2570 | 26.5531 | 393.000 | 14.4902 | 35.8902 | 26.7710 |
| 322.000 | 16.6822 | 36.2534 | 26.5535 | 394.000 | 14.4824 | 35.8886 | 26.7715 |
| 323.000 | 16.6606 | 36.2504 | 26.5564 | 395.000 | 14.4761 | 35.8867 | 26.7714 |
| 324.000 | 16.6430 | 36.2451 | 26.5564 | 396.000 | 14.4709 | 35.8856 | 26.7716 |
| 325.000 | 16.5780 | 36.2300 | 26.5602 | 397.000 | 14.4643 | 35.8835 | 26.7715 |
| 326.000 | 16.5333 | 36.2276 | 26.5688 | 398.000 | 14.4574 | 35.8822 | 26.7720 |
| 327.000 | 16.5141 | 36.2246 | 26.5711 | 399.000 | 14.4551 | 35.8811 | 26.7716 |
| 328.000 | 16.4942 | 36.2203 | 26.5724 | 400.000 | 14.4468 | 35.8776 | 26.7707 |
| 329.000 | 16.4789 | 36.2184 | 26.5745 | 401.000 | 14.3779 | 35.8577 | 26.7702 |
| 330.000 | 16.4564 | 36.2127 | 26.5755 | 402.000 | 14.3082 | 35.8560 | 26.7838 |
| 331.000 | 16.4019 | 36.2041 | 26.5817 | 403.000 | 14.2914 | 35.8523 | 26.7846 |
| 332.000 | 16.3799 | 36.2025 | 26.5856 | 404.000 | 14.2623 | 35.8466 | 26.7865 |
| 333.000 | 16.3713 | 36.1980 | 26.5842 | 405.000 | 14.2325 | 35.8422 | 26.7895 |
| 334.000 | 16.3485 | 36.1957 | 26.5877 | 406.000 | 14.2164 | 35.8392 | 26.7906 |
| 335.000 | 16.3305 | 36.1921 | 26.5891 | 407.000 | 14.1712 | 35.8286 | 26.7921 |
| 336.000 | 16.3049 | 36.1895 | 26.5931 | 408.000 | 14.1257 | 35.8243 | 26.7985 |
| 337.000 | 16.3002 | 36.1882 | 26.5933 | 409.000 | 14.0958 | 35.8190 | 26.8007 |
| 338.000 | 16.2724 | 36.1792 | 26.5928 | 410.000 | 14.0761 | 35.8163 | 26.8028 |
| 339.000 | 16.2286 | 36.1734 | 26.5986 | 411.000 | 14.0721 | 35.8126 | 26.8008 |
| 340.000 | 16.1865 | 36.1677 | 26.6040 | 412.000 | 14.0468 | 35.8066 | 26.8015 |
| 341.000 | 16.1576 | 36.1652 | 26.6087 | 413.000 | 13.9886 | 35.7950 | 26.8049 |
| 342.000 | 16.1217 | 36.1570 | 26.6108 | 414.000 | 13.9242 | 35.7907 | 26.8152 |
| 343.000 | 16.0596 | 36.1448 | 26.6158 | 415.000 | 13.8864 | 35.7806 | 26.8154 |
| 344.000 | 15.9828 | 36.1290 | 26.6213 | 416.000 | 13.8076 | 35.7700 | 26.8237 |
| 345.000 | 15.9135 | 36.1201 | 26.6305 | 417.000 | 13.7891 | 35.7698 | 26.8275 |
| 346.000 | 15.8801 | 36.1197 | 26.6378 | 418.000 | 13.7792 | 35.7665 | 26.8270 |
| 347.000 | 15.8602 | 36.1127 | 26.6370 | 419.000 | 13.7692 | 35.7667 | 26.8293 |
| 348.000 | 15.8113 | 36.1068 | 26.6436 | 420.000 | 13.7639 | 35.7651 | 26.8291 |
| 349.000 | 15.7908 | 36.1031 | 26.6455 | 421.000 | 13.7555 | 35.7635 | 26.8297 |
| 350.000 | 15.7545 | 36.0953 | 26.6478 | 422.000 | 13.7522 | 35.7621 | 26.8293 |
| 351.000 | 15.6890 | 36.0874 | 26.6567 | 423.000 | 13.7341 | 35.7563 | 26.8286 |
| 352.000 | 15.6659 | 36.0831 | 26.6586 | 424.000 | 13.7153 | 35.7536 | 26.8304 |

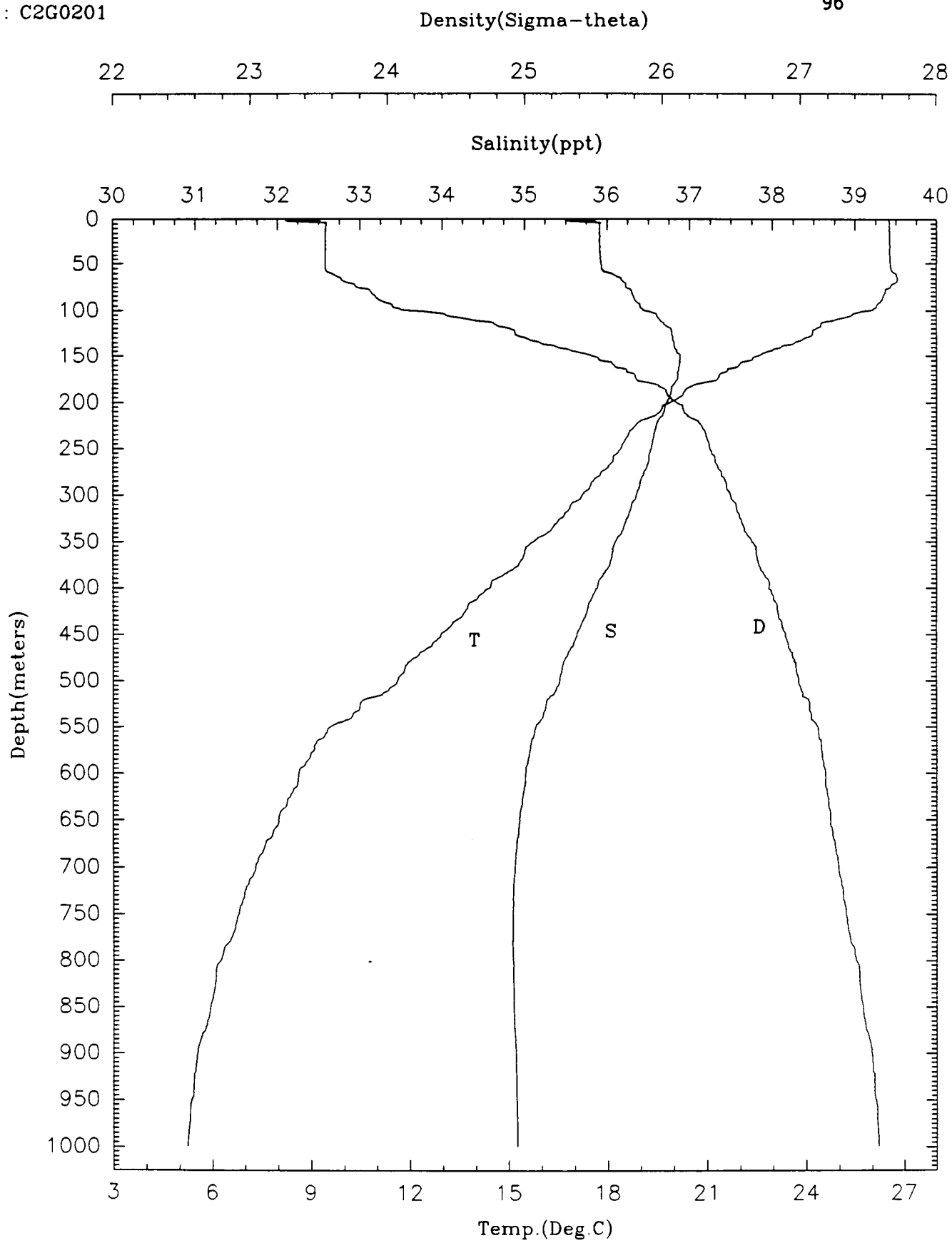
| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 425.000 | 13.6945 | 35.7505 | 26.8323 | 497.000 | 11.6597 | 35.4264 | 26.9858 |
| 426.000 | 13.6749 | 35.7480 | 26.8345 | 498.000 | 11.6571 | 35.4255 | 26.9856 |
| 427.000 | 13.6542 | 35.7438 | 26.8356 | 499.000 | 11.6487 | 35.4235 | 26.9857 |
| 428.000 | 13.6277 | 35.7415 | 26.8393 | 500.000 | 11.6268 | 35.4192 | 26.9864 |
| 429.000 | 13.6188 | 35.7397 | 26.8398 | 501.000 | 11.6208 | 35.4199 | 26.9881 |
| 430.000 | 13.6063 | 35.7348 | 26.8386 | 502.000 | 11.6185 | 35.4197 | 26.9883 |
| 431.000 | 13.5742 | 35.7296 | 26.8412 | 503.000 | 11.6136 | 35.4173 | 26.9874 |
| 432.000 | 13.5552 | 35.7257 | 26.8422 | 504.000 | 11.5713 | 35.4089 | 26.9889 |
| 433.000 | 13.5020 | 35.7107 | 26.8416 | 505.000 | 11.5264 | 35.4049 | 26.9941 |
| 434.000 | 13.4518 | 35.7086 | 26.8503 | 506.000 | 11.4617 | 35.3964 | 26.9997 |
| 435.000 | 13.4192 | 35.7060 | 26.8551 | 507.000 | 11.4309 | 35.3885 | 26.9993 |
| 436.000 | 13.3722 | 35.6982 | 26.8587 | 508.000 | 11.3982 | 35.3881 | 27.0050 |
| 437.000 | 13.3241 | 35.6914 | 26.8633 | 509.000 | 11.3842 | 35.3827 | 27.0035 |
| 438.000 | 13.3063 | 35.6871 | 26.8637 | 510.000 | 11.3618 | 35.3812 | 27.0064 |
| 439.000 | 13.2928 | 35.6798 | 26.8607 | 511.000 | 11.3333 | 35.3740 | 27.0061 |
| 440.000 | 13.2595 | 35.6784 | 26.8666 | 512.000 | 11.2887 | 35.3688 | 27.0104 |
| 441.000 | 13.2468 | 35.6773 | 26.8683 | 513.000 | 11.2125 | 35.3600 | 27.0176 |
| 442.000 | 13.2188 | 35.6660 | 26.8653 | 514.000 | 11.1897 | 35.3559 | 27.0186 |
| 443.000 | 13.1755 | 35.6657 | 26.8738 | 515.000 | 11.1786 | 35.3507 | 27.0165 |
| 444.000 | 13.1605 | 35.6625 | 26.8744 | 516.000 | 11.1306 | 35.3329 | 27.0115 |
| 445.000 | 13.1306 | 35.6512 | 26.8717 | 517.000 | 10.9790 | 35.3044 | 27.0170 |
| 446.000 | 13.0808 | 35.6473 | 26.8789 | 518.000 | 10.8625 | 35.3029 | 27.0370 |
| 447.000 | 13.0429 | 35.6397 | 26.8806 | 519.000 | 10.7672 | 35.2908 | 27.0447 |
| 448.000 | 12.9899 | 35.6347 | 26.8875 | 520.000 | 10.6322 | 35.2787 | 27.0594 |
| 449.000 | 12.9594 | 35.6313 | 26.8910 | 521.000 | 10.5861 | 35.2675 | 27.0589 |
| 450.000 | 12.9455 | 35.6284 | 26.8916 | 522.000 | 10.5490 | 35.2609 | 27.0603 |
| 451.000 | 12.9451 | 35.6287 | 26.8919 | 523.000 | 10.5240 | 35.2602 | 27.0642 |
| 452.000 | 12.9427 | 35.6263 | 26.8905 | 524.000 | 10.5167 | 35.2600 | 27.0654 |
| 453.000 | 12.9178 | 35.6190 | 26.8898 | 525.000 | 10.5050 | 35.2569 | 27.0650 |
| 454.000 | 12.8669 | 35.6141 | 26.8963 | 526.000 | 10.4928 | 35.2550 | 27.0657 |
| 455.000 | 12.8506 | 35.6150 | 26.9003 | 527.000 | 10.4817 | 35.2534 | 27.0664 |
| 456.000 | 12.8185 | 35.6087 | 26.9018 | 528.000 | 10.4809 | 35.2521 | 27.0655 |
| 457.000 | 12.7804 | 35.5985 | 26.9015 | 529.000 | 10.4819 | 35.2514 | 27.0648 |
| 458.000 | 12.7431 | 35.5937 | 26.9053 | 530.000 | 10.4806 | 35.2510 | 27.0647 |
| 459.000 | 12.7196 | 35.5898 | 26.9070 | 531.000 | 10.4742 | 35.2493 | 27.0645 |
| 460.000 | 12.6969 | 35.5891 | 26.9110 | 532.000 | 10.4625 | 35.2461 | 27.0641 |
| 461.000 | 12.6912 | 35.5894 | 26.9123 | 533.000 | 10.4195 | 35.2399 | 27.0668 |
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| 463.000 | 12.6492 | 35.5801 | 26.9134 | 535.000 | 10.2998 | 35.2257 | 27.0768 |
| 464.000 | 12.5995 | 35.5648 | 26.9114 | 536.000 | 10.2864 | 35.2233 | 27.0772 |
| 465.000 | 12.5136 | 35.5519 | 26.9184 | 537.000 | 10.2746 | 35.2209 | 27.0774 |
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| 467.000 | 12.4551 | 35.5451 | 26.9247 | 539.000 | 10.2592 | 35.2187 | 27.0784 |
| 468.000 | 12.4090 | 35.5364 | 26.9270 | 540.000 | 10.2390 | 35.2143 | 27.0785 |
| 469.000 | 12.3217 | 35.5267 | 26.9366 | 541.000 | 10.2058 | 35.2081 | 27.0794 |
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| 475.000 | 12.1930 | 35.4981 | 26.9394 | 547.000 | 9.7321 | 35.1462 | 27.1122 |
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| 477.000 | 12.0711 | 35.4882 | 26.9553 | 549.000 | 9.6327 | 35.1349 | 27.1201 |
| 478.000 | 12.0385 | 35.4826 | 26.9573 | 550.000 | 9.5763 | 35.1301 | 27.1258 |
| 479.000 | 11.9997 | 35.4673 | 26.9528 | 551.000 | 9.5503 | 35.1265 | 27.1273 |
| 480.000 | 11.9485 | 35.4710 | 26.9655 | 552.000 | 9.5256 | 35.1213 | 27.1274 |
| 481.000 | 11.9453 | 35.4702 | 26.9656 | 553.000 | 9.5078 | 35.1202 | 27.1295 |
| 482.000 | 11.9324 | 35.4636 | 26.9628 | 554.000 | 9.5002 | 35.1187 | 27.1296 |
| 483.000 | 11.8934 | 35.4591 | 26.9668 | 555.000 | 9.4941 | 35.1175 | 27.1297 |
| 484.000 | 11.8748 | 35.4572 | 26.9689 | 556.000 | 9.4813 | 35.1153 | 27.1301 |
| 485.000 | 11.8693 | 35.4551 | 26.9683 | 557.000 | 9.4562 | 35.1116 | 27.1313 |
| 486.000 | 11.8645 | 35.4542 | 26.9686 | 558.000 | 9.4370 | 35.1099 | 27.1332 |
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| 488.000 | 11.8413 | 35.4497 | 26.9694 | 560.000 | 9.4157 | 35.1056 | 27.1334 |
| 489.000 | 11.8286 | 35.4498 | 26.9719 | 561.000 | 9.3988 | 35.1009 | 27.1325 |
| 490.000 | 11.8278 | 35.4490 | 26.9715 | 562.000 | 9.3668 | 35.0978 | 27.1353 |
| 491.000 | 11.8214 | 35.4456 | 26.9701 | 563.000 | 9.3180 | 35.0857 | 27.1339 |
| 492.000 | 11.7756 | 35.4389 | 26.9736 | 564.000 | 9.2233 | 35.0824 | 27.1468 |
| 493.000 | 11.7459 | 35.4342 | 26.9755 | 565.000 | 9.1884 | 35.0766 | 27.1480 |
| 494.000 | 11.7178 | 35.4318 | 26.9790 | 566.000 | 9.1844 | 35.0772 | 27.1492 |
| 495.000 | 11.6986 | 35.4292 | 26.9807 | 567.000 | 9.1704 | 35.0735 | 27.1485 |
| 496.000 | 11.6712 | 35.4261 | 26.9834 | 568.000 | 9.1642 | 35.0713 | 27.1478 |

| | | | | | | | |
|---------|--------|---------|---------|---------|--------|---------|---------|
| 569.000 | 9.1290 | 35.0693 | 27.1519 | 641.000 | 8.0724 | 34.9390 | 27.2154 |
| 570.000 | 9.1075 | 35.0658 | 27.1527 | 642.000 | 8.0619 | 34.9386 | 27.2166 |
| 571.000 | 9.1023 | 35.0653 | 27.1532 | 643.000 | 8.0494 | 34.9365 | 27.2168 |
| 572.000 | 9.1050 | 35.0650 | 27.1525 | 644.000 | 8.0445 | 34.9353 | 27.2167 |
| 573.000 | 9.1068 | 35.0649 | 27.1521 | 645.000 | 8.0359 | 34.9350 | 27.2178 |
| 574.000 | 9.1066 | 35.0641 | 27.1516 | 646.000 | 8.0249 | 34.9338 | 27.2184 |
| 575.000 | 9.1022 | 35.0633 | 27.1516 | 647.000 | 8.0228 | 34.9334 | 27.2184 |
| 576.000 | 9.0785 | 35.0596 | 27.1526 | 648.000 | 8.0233 | 34.9333 | 27.2183 |
| 577.000 | 9.0456 | 35.0550 | 27.1543 | 649.000 | 8.0176 | 34.9323 | 27.2184 |
| 578.000 | 9.0230 | 35.0521 | 27.1556 | 650.000 | 8.0160 | 34.9324 | 27.2187 |
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| 580.000 | 8.9918 | 35.0493 | 27.1585 | 652.000 | 8.0177 | 34.9321 | 27.2182 |
| 581.000 | 8.9876 | 35.0494 | 27.1592 | 653.000 | 8.0133 | 34.9315 | 27.2184 |
| 582.000 | 8.9829 | 35.0477 | 27.1587 | 654.000 | 8.0117 | 34.9307 | 27.2180 |
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| 585.000 | 8.9384 | 35.0389 | 27.1589 | 657.000 | 7.9450 | 34.9251 | 27.2236 |
| 586.000 | 8.9060 | 35.0342 | 27.1604 | 658.000 | 7.9251 | 34.9244 | 27.2260 |
| 587.000 | 8.8829 | 35.0343 | 27.1642 | 659.000 | 7.8939 | 34.9222 | 27.2289 |
| 588.000 | 8.8612 | 35.0320 | 27.1658 | 660.000 | 7.8734 | 34.9201 | 27.2303 |
| 589.000 | 8.8403 | 35.0298 | 27.1674 | 661.000 | 7.8638 | 34.9191 | 27.2310 |
| 590.000 | 8.8329 | 35.0285 | 27.1677 | 662.000 | 7.8537 | 34.9190 | 27.2324 |
| 591.000 | 8.8248 | 35.0264 | 27.1672 | 663.000 | 7.8434 | 34.9180 | 27.2331 |
| 592.000 | 8.8061 | 35.0190 | 27.1644 | 664.000 | 7.8356 | 34.9182 | 27.2345 |
| 593.000 | 8.7678 | 35.0143 | 27.1668 | 665.000 | 7.8280 | 34.9174 | 27.2349 |
| 594.000 | 8.7122 | 35.0109 | 27.1729 | 666.000 | 7.8199 | 34.9163 | 27.2353 |
| 595.000 | 8.6683 | 35.0100 | 27.1792 | 667.000 | 7.8132 | 34.9149 | 27.2352 |
| 596.000 | 8.6603 | 35.0075 | 27.1785 | 668.000 | 7.7964 | 34.9131 | 27.2362 |
| 597.000 | 8.6502 | 35.0061 | 27.1789 | 669.000 | 7.7714 | 34.9089 | 27.2367 |
| 598.000 | 8.6483 | 35.0062 | 27.1794 | 670.000 | 7.7078 | 34.9039 | 27.2421 |
| 599.000 | 8.6389 | 35.0046 | 27.1796 | 671.000 | 7.6524 | 34.9034 | 27.2498 |
| 600.000 | 8.6346 | 35.0061 | 27.1814 | 672.000 | 7.6456 | 34.9018 | 27.2496 |
| 601.000 | 8.6325 | 35.0043 | 27.1803 | 673.000 | 7.6404 | 34.9012 | 27.2498 |
| 602.000 | 8.6251 | 35.0035 | 27.1809 | 674.000 | 7.6315 | 34.8998 | 27.2500 |
| 603.000 | 8.6268 | 35.0033 | 27.1805 | 675.000 | 7.6232 | 34.8999 | 27.2513 |
| 604.000 | 8.6190 | 35.0026 | 27.1811 | 676.000 | 7.6125 | 34.8985 | 27.2518 |
| 605.000 | 8.6180 | 35.0017 | 27.1806 | 677.000 | 7.5938 | 34.8958 | 27.2524 |
| 606.000 | 8.6133 | 35.0006 | 27.1805 | 678.000 | 7.5839 | 34.8972 | 27.2549 |
| 607.000 | 8.6112 | 35.0008 | 27.1810 | 679.000 | 7.5798 | 34.8948 | 27.2536 |
| 608.000 | 8.6075 | 35.0008 | 27.1815 | 680.000 | 7.5637 | 34.8947 | 27.2559 |
| 609.000 | 8.6052 | 35.0006 | 27.1817 | 681.000 | 7.5569 | 34.8951 | 27.2572 |
| 610.000 | 8.6030 | 34.9995 | 27.1812 | 682.000 | 7.5441 | 34.8937 | 27.2580 |
| 611.000 | 8.5951 | 34.9990 | 27.1821 | 683.000 | 7.5330 | 34.8927 | 27.2588 |
| 612.000 | 8.5914 | 34.9992 | 27.1828 | 684.000 | 7.5272 | 34.8922 | 27.2593 |
| 613.000 | 8.5835 | 34.9933 | 27.1794 | 685.000 | 7.5138 | 34.8874 | 27.2574 |
| 614.000 | 8.5702 | 34.9955 | 27.1832 | 686.000 | 7.4811 | 34.8852 | 27.2604 |
| 615.000 | 8.5601 | 34.9926 | 27.1825 | 687.000 | 7.4492 | 34.8865 | 27.2660 |
| 616.000 | 8.5004 | 34.9884 | 27.1885 | 688.000 | 7.4268 | 34.8852 | 27.2682 |
| 617.000 | 8.4714 | 34.9844 | 27.1899 | 689.000 | 7.4153 | 34.8851 | 27.2698 |
| 618.000 | 8.4603 | 34.9850 | 27.1921 | 690.000 | 7.3961 | 34.8828 | 27.2708 |
| 619.000 | 8.4593 | 34.9847 | 27.1920 | 691.000 | 7.3924 | 34.8829 | 27.2714 |
| 620.000 | 8.4554 | 34.9825 | 27.1909 | 692.000 | 7.3900 | 34.8831 | 27.2718 |
| 621.000 | 8.4327 | 34.9803 | 27.1927 | 693.000 | 7.3889 | 34.8825 | 27.2716 |
| 622.000 | 8.4090 | 34.9784 | 27.1948 | 694.000 | 7.3826 | 34.8804 | 27.2708 |
| 623.000 | 8.3970 | 34.9761 | 27.1949 | 695.000 | 7.3687 | 34.8806 | 27.2729 |
| 624.000 | 8.3841 | 34.9737 | 27.1950 | 696.000 | 7.3397 | 34.8780 | 27.2751 |
| 625.000 | 8.3633 | 34.9722 | 27.1970 | 697.000 | 7.3279 | 34.8781 | 27.2768 |
| 626.000 | 8.3354 | 34.9673 | 27.1975 | 698.000 | 7.3204 | 34.8786 | 27.2783 |
| 627.000 | 8.2982 | 34.9662 | 27.2023 | 699.000 | 7.3163 | 34.8776 | 27.2780 |
| 628.000 | 8.2894 | 34.9655 | 27.2032 | 700.000 | 7.3114 | 34.8767 | 27.2781 |
| 629.000 | 8.2878 | 34.9649 | 27.2029 | 701.000 | 7.3047 | 34.8763 | 27.2787 |
| 630.000 | 8.2850 | 34.9641 | 27.2028 | 702.000 | 7.3049 | 34.8760 | 27.2785 |
| 631.000 | 8.2771 | 34.9630 | 27.2030 | 703.000 | 7.3029 | 34.8754 | 27.2782 |
| 632.000 | 8.2752 | 34.9629 | 27.2033 | 704.000 | 7.2892 | 34.8736 | 27.2788 |
| 633.000 | 8.2700 | 34.9617 | 27.2032 | 705.000 | 7.2739 | 34.8731 | 27.2806 |
| 634.000 | 8.2639 | 34.9611 | 27.2036 | 706.000 | 7.2602 | 34.8734 | 27.2827 |
| 635.000 | 8.2599 | 34.9600 | 27.2034 | 707.000 | 7.2536 | 34.8733 | 27.2836 |
| 636.000 | 8.2497 | 34.9586 | 27.2038 | 708.000 | 7.2467 | 34.8730 | 27.2843 |
| 637.000 | 8.2219 | 34.9541 | 27.2045 | 709.000 | 7.2327 | 34.8712 | 27.2849 |
| 638.000 | 8.1522 | 34.9485 | 27.2107 | 710.000 | 7.1978 | 34.8702 | 27.2891 |
| 639.000 | 8.1184 | 34.9444 | 27.2127 | 711.000 | 7.1833 | 34.8683 | 27.2896 |
| 640.000 | 8.0897 | 34.9418 | 27.2149 | 712.000 | 7.1473 | 34.8656 | 27.2926 |

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|---------|--------|---------|---------|---------|--------|---------|---------|
| 713.000 | 7.1295 | 34.8667 | 27.2960 | 785.000 | 6.3735 | 34.8514 | 27.3869 |
| 714.000 | 7.1177 | 34.8664 | 27.2973 | 786.000 | 6.3569 | 34.8521 | 27.3897 |
| 715.000 | 7.1138 | 34.8656 | 27.2973 | 787.000 | 6.3437 | 34.8524 | 27.3916 |
| 716.000 | 7.1026 | 34.8649 | 27.2983 | 788.000 | 6.3404 | 34.8522 | 27.3919 |
| 717.000 | 7.1017 | 34.8642 | 27.2979 | 789.000 | 6.3374 | 34.8521 | 27.3922 |
| 718.000 | 7.0922 | 34.8623 | 27.2977 | 790.000 | 6.3360 | 34.8517 | 27.3921 |
| 719.000 | 7.0681 | 34.8585 | 27.2981 | 791.000 | 6.3347 | 34.8514 | 27.3920 |
| 720.000 | 7.0314 | 34.8607 | 27.3050 | 792.000 | 6.3300 | 34.8511 | 27.3925 |
| 721.000 | 7.0241 | 34.8625 | 27.3074 | 793.000 | 6.3193 | 34.8517 | 27.3943 |
| 722.000 | 7.0240 | 34.8609 | 27.3062 | 794.000 | 6.3130 | 34.8521 | 27.3955 |
| 723.000 | 7.0167 | 34.8594 | 27.3060 | 795.000 | 6.3068 | 34.8526 | 27.3967 |
| 724.000 | 7.0065 | 34.8585 | 27.3067 | 796.000 | 6.2966 | 34.8533 | 27.3986 |
| 725.000 | 6.9923 | 34.8581 | 27.3084 | 797.000 | 6.2841 | 34.8549 | 27.4015 |
| 726.000 | 6.9820 | 34.8583 | 27.3099 | 798.000 | 6.2772 | 34.8554 | 27.4027 |
| 727.000 | 6.9759 | 34.8587 | 27.3111 | 799.000 | 6.2695 | 34.8552 | 27.4036 |
| 728.000 | 6.9704 | 34.8577 | 27.3111 | 800.000 | 6.2516 | 34.8556 | 27.4063 |
| 729.000 | 6.9679 | 34.8575 | 27.3113 | 801.000 | 6.2293 | 34.8554 | 27.4091 |
| 730.000 | 6.9665 | 34.8575 | 27.3115 | 802.000 | 6.2132 | 34.8577 | 27.4129 |
| 731.000 | 6.9638 | 34.8578 | 27.3120 | 803.000 | 6.1800 | 34.8579 | 27.4174 |
| 732.000 | 6.9586 | 34.8562 | 27.3115 | 804.000 | 6.1539 | 34.8601 | 27.4225 |
| 733.000 | 6.9525 | 34.8565 | 27.3126 | 805.000 | 6.1414 | 34.8597 | 27.4239 |
| 734.000 | 6.9422 | 34.8533 | 27.3115 | 806.000 | 6.1323 | 34.8605 | 27.4257 |
| 735.000 | 6.9257 | 34.8551 | 27.3152 | 807.000 | 6.1331 | 34.8598 | 27.4250 |
| 736.000 | 6.9090 | 34.8564 | 27.3186 | 808.000 | 6.1275 | 34.8596 | 27.4256 |
| 737.000 | 6.9058 | 34.8576 | 27.3199 | 809.000 | 6.1193 | 34.8598 | 27.4268 |
| 738.000 | 6.9041 | 34.8576 | 27.3202 | 810.000 | 6.1130 | 34.8601 | 27.4278 |
| 739.000 | 6.8986 | 34.8573 | 27.3207 | 811.000 | 6.1080 | 34.8603 | 27.4286 |
| 740.000 | 6.8863 | 34.8562 | 27.3215 | 812.000 | 6.1065 | 34.8601 | 27.4287 |
| 741.000 | 6.8552 | 34.8581 | 27.3273 | 813.000 | 6.1059 | 34.8601 | 27.4288 |
| 742.000 | 6.8491 | 34.8553 | 27.3259 | 814.000 | 6.1063 | 34.8599 | 27.4285 |
| 743.000 | 6.8355 | 34.8551 | 27.3277 | 815.000 | 6.1064 | 34.8596 | 27.4283 |
| 744.000 | 6.8268 | 34.8557 | 27.3293 | 816.000 | 6.1064 | 34.8595 | 27.4282 |
| 745.000 | 6.8226 | 34.8555 | 27.3297 | 817.000 | 6.1032 | 34.8589 | 27.4282 |
| 746.000 | 6.8172 | 34.8550 | 27.3301 | 818.000 | 6.0982 | 34.8599 | 27.4296 |
| 747.000 | 6.8110 | 34.8550 | 27.3309 | 819.000 | 6.0968 | 34.8595 | 27.4295 |
| 748.000 | 6.8086 | 34.8552 | 27.3314 | 820.000 | 6.0952 | 34.8596 | 27.4297 |
| 749.000 | 6.8049 | 34.8546 | 27.3314 | 821.000 | 6.0951 | 34.8594 | 27.4296 |
| 750.000 | 6.7977 | 34.8541 | 27.3320 | 822.000 | 6.0948 | 34.8592 | 27.4295 |
| 751.000 | 6.7912 | 34.8538 | 27.3327 | 823.000 | 6.0896 | 34.8593 | 27.4302 |
| 752.000 | 6.7795 | 34.8526 | 27.3333 | 824.000 | 6.0861 | 34.8598 | 27.4310 |
| 753.000 | 6.7601 | 34.8520 | 27.3355 | 825.000 | 6.0781 | 34.8598 | 27.4321 |
| 754.000 | 6.7433 | 34.8515 | 27.3374 | 826.000 | 6.0743 | 34.8607 | 27.4333 |
| 755.000 | 6.7399 | 34.8519 | 27.3382 | 827.000 | 6.0716 | 34.8604 | 27.4334 |
| 756.000 | 6.7409 | 34.8529 | 27.3388 | 828.000 | 6.0681 | 34.8607 | 27.4341 |
| 757.000 | 6.7378 | 34.8531 | 27.3394 | 829.000 | 6.0659 | 34.8607 | 27.4344 |
| 758.000 | 6.7350 | 34.8528 | 27.3395 | 830.000 | 6.0618 | 34.8608 | 27.4350 |
| 759.000 | 6.7254 | 34.8500 | 27.3386 | 831.000 | 6.0585 | 34.8611 | 27.4356 |
| 760.000 | 6.7147 | 34.8509 | 27.3408 | 832.000 | 6.0525 | 34.8613 | 27.4366 |
| 761.000 | 6.7013 | 34.8513 | 27.3429 | 833.000 | 6.0457 | 34.8613 | 27.4375 |
| 762.000 | 6.6989 | 34.8532 | 27.3448 | 834.000 | 6.0386 | 34.8617 | 27.4387 |
| 763.000 | 6.6990 | 34.8535 | 27.3450 | 835.000 | 6.0332 | 34.8618 | 27.4395 |
| 764.000 | 6.6997 | 34.8536 | 27.3450 | 836.000 | 6.0274 | 34.8623 | 27.4406 |
| 765.000 | 6.6940 | 34.8540 | 27.3461 | 837.000 | 6.0246 | 34.8621 | 27.4408 |
| 766.000 | 6.6882 | 34.8544 | 27.3471 | 838.000 | 6.0171 | 34.8622 | 27.4418 |
| 767.000 | 6.6807 | 34.8544 | 27.3482 | 839.000 | 6.0117 | 34.8629 | 27.4431 |
| 768.000 | 6.6696 | 34.8547 | 27.3499 | 840.000 | 6.0094 | 34.8627 | 27.4432 |
| 769.000 | 6.6584 | 34.8542 | 27.3510 | 841.000 | 6.0067 | 34.8628 | 27.4437 |
| 770.000 | 6.6376 | 34.8543 | 27.3540 | 842.000 | 6.0048 | 34.8625 | 27.4436 |
| 771.000 | 6.6289 | 34.8547 | 27.3555 | 843.000 | 5.9959 | 34.8626 | 27.4449 |
| 772.000 | 6.6205 | 34.8539 | 27.3559 | 844.000 | 5.9816 | 34.8638 | 27.4476 |
| 773.000 | 6.6085 | 34.8534 | 27.3572 | 845.000 | 5.9725 | 34.8641 | 27.4490 |
| 774.000 | 6.5898 | 34.8527 | 27.3592 | 846.000 | 5.9609 | 34.8642 | 27.4506 |
| 775.000 | 6.5823 | 34.8531 | 27.3605 | 847.000 | 5.9517 | 34.8651 | 27.4525 |
| 776.000 | 6.5644 | 34.8510 | 27.3612 | 848.000 | 5.9471 | 34.8654 | 27.4533 |
| 777.000 | 6.5545 | 34.8521 | 27.3634 | 849.000 | 5.9433 | 34.8659 | 27.4541 |
| 778.000 | 6.5475 | 34.8511 | 27.3635 | 850.000 | 5.9409 | 34.8657 | 27.4543 |
| 779.000 | 6.5349 | 34.8501 | 27.3644 | 851.000 | 5.9400 | 34.8655 | 27.4542 |
| 780.000 | 6.5161 | 34.8499 | 27.3668 | 852.000 | 5.9299 | 34.8664 | 27.4563 |
| 781.000 | 6.4831 | 34.8458 | 27.3680 | 853.000 | 5.9271 | 34.8661 | 27.4564 |
| 782.000 | 6.4522 | 34.8464 | 27.3726 | 854.000 | 5.9250 | 34.8665 | 27.4570 |
| 783.000 | 6.4222 | 34.8460 | 27.3762 | 855.000 | 5.9207 | 34.8662 | 27.4573 |
| 784.000 | 6.3833 | 34.8515 | 27.3857 | 856.000 | 5.9156 | 34.8662 | 27.4579 |

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|---------|--------|---------|---------|----------|--------|---------|---------|
| 857.000 | 5.9054 | 34.8663 | 27.4593 | 929.000 | 5.4454 | 34.8924 | 27.5371 |
| 858.000 | 5.9013 | 34.8674 | 27.4607 | 930.000 | 5.4451 | 34.8908 | 27.5359 |
| 859.000 | 5.9012 | 34.8669 | 27.4603 | 931.000 | 5.4368 | 34.8928 | 27.5385 |
| 860.000 | 5.8980 | 34.8671 | 27.4609 | 932.000 | 5.4383 | 34.8923 | 27.5379 |
| 861.000 | 5.8902 | 34.8665 | 27.4614 | 933.000 | 5.4364 | 34.8921 | 27.5380 |
| 862.000 | 5.8761 | 34.8681 | 27.4644 | 934.000 | 5.4338 | 34.8921 | 27.5383 |
| 863.000 | 5.8666 | 34.8676 | 27.4652 | 935.000 | 5.4320 | 34.8931 | 27.5393 |
| 864.000 | 5.8541 | 34.8686 | 27.4676 | 936.000 | 5.4339 | 34.8922 | 27.5383 |
| 865.000 | 5.8447 | 34.8697 | 27.4697 | 937.000 | 5.4325 | 34.8924 | 27.5387 |
| 866.000 | 5.8404 | 34.8701 | 27.4705 | 938.000 | 5.4321 | 34.8920 | 27.5384 |
| 867.000 | 5.8386 | 34.8699 | 27.4706 | 939.000 | 5.4299 | 34.8925 | 27.5391 |
| 868.000 | 5.8349 | 34.8698 | 27.4710 | 940.000 | 5.4295 | 34.8923 | 27.5390 |
| 869.000 | 5.8325 | 34.8697 | 27.4712 | 941.000 | 5.4289 | 34.8924 | 27.5391 |
| 870.000 | 5.8204 | 34.8698 | 27.4728 | 942.000 | 5.4287 | 34.8925 | 27.5392 |
| 871.000 | 5.8082 | 34.8712 | 27.4754 | 943.000 | 5.4278 | 34.8925 | 27.5393 |
| 872.000 | 5.8017 | 34.8716 | 27.4766 | 944.000 | 5.4242 | 34.8928 | 27.5400 |
| 873.000 | 5.7946 | 34.8715 | 27.4774 | 945.000 | 5.4233 | 34.8931 | 27.5404 |
| 874.000 | 5.7874 | 34.8720 | 27.4787 | 946.000 | 5.4212 | 34.8926 | 27.5402 |
| 875.000 | 5.7769 | 34.8717 | 27.4798 | 947.000 | 5.4033 | 34.8939 | 27.5434 |
| 876.000 | 5.7661 | 34.8729 | 27.4821 | 948.000 | 5.3893 | 34.8954 | 27.5463 |
| 877.000 | 5.7307 | 34.8736 | 27.4871 | 949.000 | 5.3826 | 34.8940 | 27.5460 |
| 878.000 | 5.7070 | 34.8768 | 27.4925 | 950.000 | 5.3621 | 34.8975 | 27.5512 |
| 879.000 | 5.6985 | 34.8771 | 27.4938 | 951.000 | 5.3590 | 34.8979 | 27.5519 |
| 880.000 | 5.6916 | 34.8772 | 27.4948 | 952.000 | 5.3558 | 34.8976 | 27.5521 |
| 881.000 | 5.6861 | 34.8774 | 27.4956 | 953.000 | 5.3504 | 34.8977 | 27.5528 |
| 882.000 | 5.6778 | 34.8777 | 27.4969 | 954.000 | 5.3436 | 34.8972 | 27.5532 |
| 883.000 | 5.6671 | 34.8784 | 27.4988 | 955.000 | 5.3358 | 34.8988 | 27.5555 |
| 884.000 | 5.6581 | 34.8787 | 27.5001 | 956.000 | 5.3306 | 34.8993 | 27.5564 |
| 885.000 | 5.6465 | 34.8791 | 27.5019 | 957.000 | 5.3296 | 34.8995 | 27.5567 |
| 886.000 | 5.6382 | 34.8791 | 27.5029 | 958.000 | 5.3298 | 34.8990 | 27.5564 |
| 887.000 | 5.6280 | 34.8799 | 27.5048 | 959.000 | 5.3289 | 34.8988 | 27.5563 |
| 888.000 | 5.6208 | 34.8808 | 27.5064 | 960.000 | 5.3274 | 34.8991 | 27.5567 |
| 889.000 | 5.6160 | 34.8812 | 27.5073 | 961.000 | 5.3273 | 34.8990 | 27.5566 |
| 890.000 | 5.6105 | 34.8810 | 27.5078 | 962.000 | 5.3271 | 34.8993 | 27.5569 |
| 891.000 | 5.5892 | 34.8829 | 27.5120 | 963.000 | 5.3264 | 34.8991 | 27.5568 |
| 892.000 | 5.5843 | 34.8820 | 27.5118 | 964.000 | 5.3261 | 34.8992 | 27.5569 |
| 893.000 | 5.5705 | 34.8824 | 27.5139 | 965.000 | 5.3257 | 34.8989 | 27.5568 |
| 894.000 | 5.5628 | 34.8844 | 27.5164 | 966.000 | 5.3245 | 34.8993 | 27.5572 |
| 895.000 | 5.5610 | 34.8846 | 27.5168 | 967.000 | 5.3245 | 34.8990 | 27.5570 |
| 896.000 | 5.5603 | 34.8846 | 27.5169 | 968.000 | 5.3223 | 34.8994 | 27.5576 |
| 897.000 | 5.5594 | 34.8841 | 27.5166 | 969.000 | 5.3226 | 34.8996 | 27.5576 |
| 898.000 | 5.5570 | 34.8838 | 27.5166 | 970.000 | 5.3217 | 34.8992 | 27.5574 |
| 899.000 | 5.5553 | 34.8841 | 27.5171 | 971.000 | 5.3181 | 34.8993 | 27.5580 |
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| 901.000 | 5.5443 | 34.8845 | 27.5188 | 973.000 | 5.3103 | 34.8999 | 27.5594 |
| 902.000 | 5.5382 | 34.8853 | 27.5202 | 974.000 | 5.3073 | 34.9002 | 27.5600 |
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| 904.000 | 5.5302 | 34.8855 | 27.5213 | 976.000 | 5.3003 | 34.9004 | 27.5610 |
| 905.000 | 5.5263 | 34.8855 | 27.5217 | 977.000 | 5.2979 | 34.9008 | 27.5616 |
| 906.000 | 5.5221 | 34.8860 | 27.5227 | 978.000 | 5.2962 | 34.9012 | 27.5621 |
| 907.000 | 5.5213 | 34.8860 | 27.5228 | 979.000 | 5.2952 | 34.9009 | 27.5620 |
| 908.000 | 5.5197 | 34.8862 | 27.5231 | 980.000 | 5.2925 | 34.9009 | 27.5623 |
| 909.000 | 5.5190 | 34.8861 | 27.5232 | 981.000 | 5.2871 | 34.9016 | 27.5635 |
| 910.000 | 5.5143 | 34.8863 | 27.5239 | 982.000 | 5.2831 | 34.9021 | 27.5644 |
| 911.000 | 5.5093 | 34.8867 | 27.5248 | 983.000 | 5.2820 | 34.9022 | 27.5646 |
| 912.000 | 5.5085 | 34.8863 | 27.5246 | 984.000 | 5.2819 | 34.9016 | 27.5642 |
| 913.000 | 5.5042 | 34.8869 | 27.5256 | 985.000 | 5.2809 | 34.9018 | 27.5644 |
| 914.000 | 5.5023 | 34.8873 | 27.5262 | 986.000 | 5.2784 | 34.9019 | 27.5648 |
| 915.000 | 5.5000 | 34.8877 | 27.5268 | 987.000 | 5.2720 | 34.9020 | 27.5656 |
| 916.000 | 5.5001 | 34.8874 | 27.5265 | 988.000 | 5.2681 | 34.9028 | 27.5668 |
| 917.000 | 5.4979 | 34.8875 | 27.5268 | 989.000 | 5.2670 | 34.9026 | 27.5667 |
| 918.000 | 5.4976 | 34.8873 | 27.5267 | 990.000 | 5.2661 | 34.9025 | 27.5667 |
| 919.000 | 5.4970 | 34.8871 | 27.5266 | 991.000 | 5.2641 | 34.9025 | 27.5669 |
| 920.000 | 5.4782 | 34.8872 | 27.5290 | 992.000 | 5.2630 | 34.9025 | 27.5671 |
| 921.000 | 5.4532 | 34.8921 | 27.5359 | 993.000 | 5.2594 | 34.9028 | 27.5677 |
| 922.000 | 5.4479 | 34.8922 | 27.5366 | 994.000 | 5.2584 | 34.9028 | 27.5679 |
| 923.000 | 5.4439 | 34.8931 | 27.5379 | 995.000 | 5.2562 | 34.9029 | 27.5682 |
| 924.000 | 5.4467 | 34.8929 | 27.5374 | 996.000 | 5.2544 | 34.9031 | 27.5686 |
| 925.000 | 5.4474 | 34.8920 | 27.5366 | 997.000 | 5.2536 | 34.9030 | 27.5686 |
| 926.000 | 5.4463 | 34.8918 | 27.5365 | 998.000 | 5.2527 | 34.9031 | 27.5688 |
| 927.000 | 5.4453 | 34.8922 | 27.5369 | 999.000 | 5.2500 | 34.9032 | 27.5692 |
| 928.000 | 5.4436 | 34.8919 | 27.5369 | 1000.000 | 5.2455 | 34.9036 | 27.5700 |

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| 1001.000 | 5.2427 | 34.9038 | 27.5706 |
| 1002.000 | 5.2406 | 34.9040 | 27.5709 |
| 1003.000 | 5.2394 | 34.9041 | 27.5712 |
| 1004.000 | 5.2355 | 34.9043 | 27.5718 |
| 1005.000 | 5.2307 | 34.9043 | 27.5724 |
| 1006.000 | 5.2243 | 34.9046 | 27.5734 |
| 1007.000 | 5.2084 | 34.9060 | 27.5764 |
| 1008.000 | 5.1939 | 34.9069 | 27.5788 |
| 1009.000 | 5.1804 | 34.9078 | 27.5812 |
| 1010.000 | 5.1668 | 34.9080 | 27.5829 |
| 1011.000 | 5.1535 | 34.9093 | 27.5855 |
| 1012.000 | 5.1468 | 34.9098 | 27.5867 |
| 1013.000 | 5.1422 | 34.9078 | 27.5856 |
| 1014.000 | 5.1017 | 34.9086 | 27.5911 |
| 1015.000 | 5.0802 | 34.9137 | 27.5976 |
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| 1017.000 | 5.0570 | 34.9136 | 27.6003 |
| 1018.000 | 5.0507 | 34.9145 | 27.6018 |
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| 1022.000 | 5.0330 | 34.9151 | 27.6043 |
| 1023.000 | 5.0310 | 34.9149 | 27.6044 |
| 1024.000 | 5.0187 | 34.9157 | 27.6064 |
| 1025.000 | 5.0157 | 34.9160 | 27.6071 |
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| 1030.000 | 5.0052 | 34.9163 | 27.6085 |
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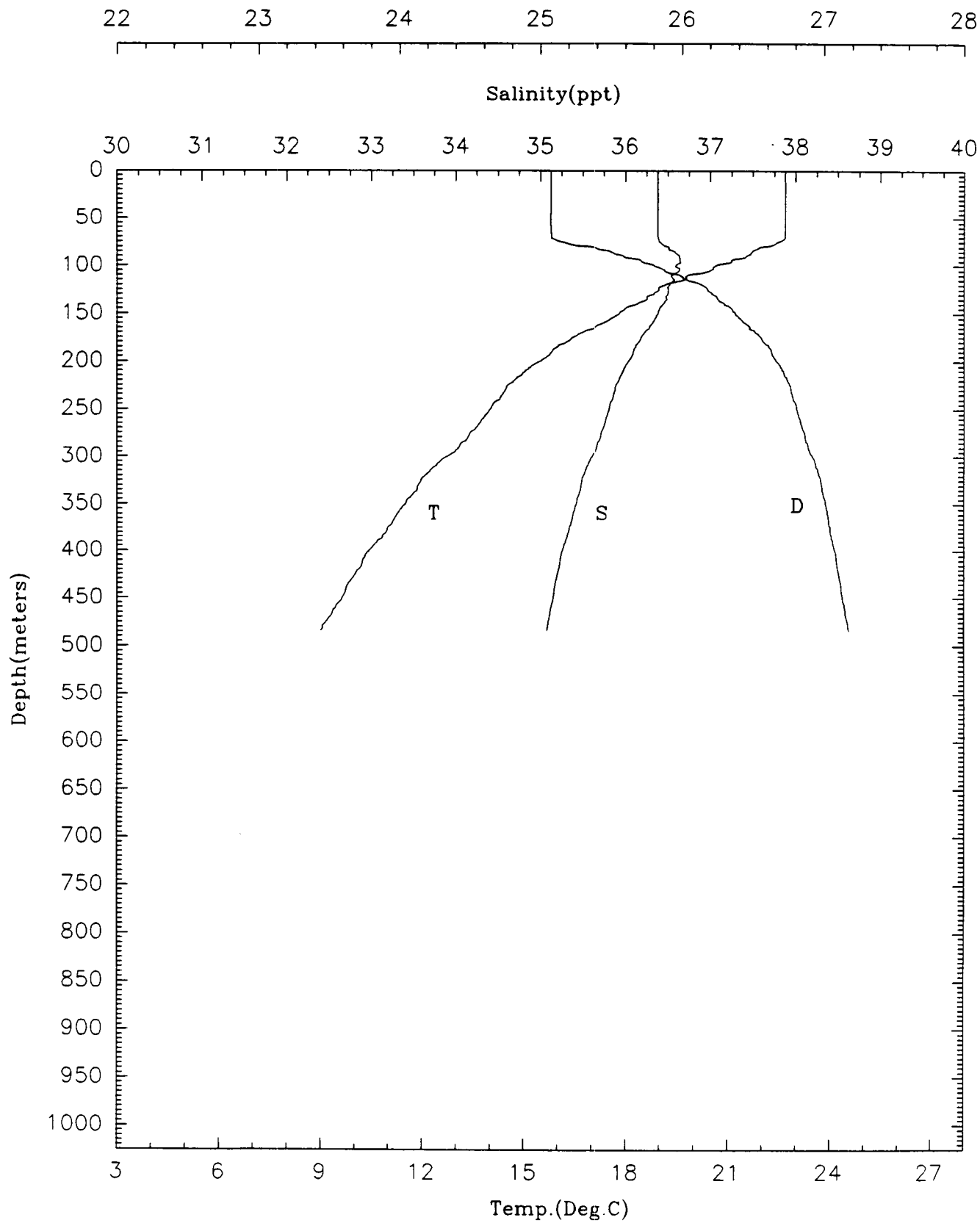
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 Stn. 02

| meters | temp | salinity | sigma-t | | | | |
|--------|---------|----------|---------|---------|---------|---------|---------|
| 1.000 | 22.6882 | 36.3812 | 25.0732 | 64.000 | 22.6929 | 36.3832 | 25.0734 |
| 2.000 | 22.6881 | 36.3811 | 25.0732 | 65.000 | 22.6914 | 36.3834 | 25.0740 |
| 3.000 | 22.6884 | 36.3814 | 25.0733 | 66.000 | 22.6870 | 36.3837 | 25.0755 |
| 4.000 | 22.6866 | 36.3813 | 25.0738 | 67.000 | 22.6872 | 36.3836 | 25.0754 |
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| 8.000 | 22.6865 | 36.3816 | 25.0740 | 71.000 | 22.6815 | 36.3835 | 25.0769 |
| 9.000 | 22.6868 | 36.3813 | 25.0737 | 72.000 | 22.6583 | 36.3861 | 25.0855 |
| 10.000 | 22.6865 | 36.3819 | 25.0742 | 73.000 | 22.6062 | 36.3919 | 25.1049 |
| 11.000 | 22.6868 | 36.3816 | 25.0739 | 74.000 | 22.5829 | 36.3920 | 25.1117 |
| 12.000 | 22.6871 | 36.3816 | 25.0739 | 75.000 | 22.5031 | 36.4007 | 25.1411 |
| 13.000 | 22.6869 | 36.3815 | 25.0738 | 76.000 | 22.4279 | 36.4142 | 25.1728 |
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| 24.000 | 22.6879 | 36.3818 | 25.0738 | 87.000 | 21.6835 | 36.5976 | 25.5228 |
| 25.000 | 22.6899 | 36.3818 | 25.0732 | 88.000 | 21.6788 | 36.6096 | 25.5332 |
| 26.000 | 22.6903 | 36.3818 | 25.0731 | 89.000 | 21.5904 | 36.6294 | 25.5730 |
| 27.000 | 22.6905 | 36.3817 | 25.0730 | 90.000 | 21.5461 | 36.6326 | 25.5878 |
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| 63.000 | 22.6937 | 36.3832 | 25.0732 | 126.000 | 18.9889 | 36.5112 | 26.1808 |
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| | | | | 128.000 | 18.8783 | 36.5047 | 26.2042 |
| | | | | 129.000 | 18.8499 | 36.5050 | 26.2118 |
| | | | | 130.000 | 18.8505 | 36.5051 | 26.2117 |
| | | | | 131.000 | 18.7370 | 36.4898 | 26.2290 |
| | | | | 132.000 | 18.6357 | 36.4785 | 26.2461 |
| | | | | 133.000 | 18.6406 | 36.4791 | 26.2453 |
| | | | | 134.000 | 18.6423 | 36.4833 | 26.2481 |
| | | | | 135.000 | 18.6311 | 36.4893 | 26.2556 |

| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 136.000 | 18.6043 | 36.4837 | 26.2581 | 208.000 | 15.1465 | 35.9871 | 26.7016 |
| 137.000 | 18.5414 | 36.4695 | 26.2632 | 209.000 | 15.1138 | 35.9789 | 26.7026 |
| 138.000 | 18.4657 | 36.4623 | 26.2769 | 210.000 | 15.0559 | 35.9747 | 26.7122 |
| 139.000 | 18.3880 | 36.4572 | 26.2925 | 211.000 | 15.0341 | 35.9717 | 26.7147 |
| 140.000 | 18.3480 | 36.4497 | 26.2969 | 212.000 | 14.9962 | 35.9630 | 26.7164 |
| 141.000 | 18.2910 | 36.4361 | 26.3008 | 213.000 | 14.9706 | 35.9609 | 26.7204 |
| 142.000 | 18.1883 | 36.4307 | 26.3224 | 214.000 | 14.9462 | 35.9554 | 26.7216 |
| 143.000 | 18.0938 | 36.4147 | 26.3338 | 215.000 | 14.9130 | 35.9491 | 26.7241 |
| 144.000 | 18.0336 | 36.4068 | 26.3428 | 216.000 | 14.8569 | 35.9416 | 26.7306 |
| 145.000 | 17.9918 | 36.4017 | 26.3493 | 217.000 | 14.8007 | 35.9368 | 26.7393 |
| 146.000 | 17.9621 | 36.3988 | 26.3544 | 218.000 | 14.7964 | 35.9323 | 26.7368 |
| 147.000 | 17.9192 | 36.3880 | 26.3568 | 219.000 | 14.7617 | 35.9282 | 26.7412 |
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| 150.000 | 17.8351 | 36.3846 | 26.3750 | 222.000 | 14.6962 | 35.9162 | 26.7463 |
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| 153.000 | 17.6853 | 36.3660 | 26.3977 | 225.000 | 14.5312 | 35.8885 | 26.7608 |
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| 157.000 | 17.5281 | 36.3456 | 26.4206 | 229.000 | 14.4873 | 35.8830 | 26.7661 |
| 158.000 | 17.4751 | 36.3352 | 26.4256 | 230.000 | 14.4742 | 35.8802 | 26.7668 |
| 159.000 | 17.3923 | 36.3239 | 26.4371 | 231.000 | 14.4582 | 35.8778 | 26.7684 |
| 160.000 | 17.3339 | 36.3200 | 26.4483 | 232.000 | 14.4426 | 35.8755 | 26.7700 |
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| 166.000 | 17.0758 | 36.2760 | 26.4769 | 238.000 | 14.3160 | 35.8564 | 26.7825 |
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| 168.000 | 16.8363 | 36.2463 | 26.5114 | 240.000 | 14.2924 | 35.8507 | 26.7832 |
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| 172.000 | 16.6054 | 36.2105 | 26.5387 | 244.000 | 14.1119 | 35.8226 | 26.8001 |
| 173.000 | 16.5767 | 36.2037 | 26.5402 | 245.000 | 14.0961 | 35.8213 | 26.8024 |
| 174.000 | 16.5221 | 36.1968 | 26.5478 | 246.000 | 14.0820 | 35.8196 | 26.8041 |
| 175.000 | 16.4709 | 36.1888 | 26.5537 | 247.000 | 14.0718 | 35.8175 | 26.8046 |
| 176.000 | 16.4215 | 36.1822 | 26.5603 | 248.000 | 14.0603 | 35.8148 | 26.8050 |
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| 201.000 | 15.4232 | 36.0307 | 26.6732 | 273.000 | 13.4957 | 35.7282 | 26.8564 |
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| 205.000 | 15.2324 | 36.0020 | 26.6939 | 277.000 | 13.3966 | 35.7126 | 26.8649 |
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| 207.000 | 15.1628 | 35.9918 | 26.7016 | 279.000 | 13.3744 | 35.7085 | 26.8662 |

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|---------|---------|---------|---------|---------|---------|---------|---------|
| 280.000 | 13.3589 | 35.7064 | 26.8678 | 352.000 | 11.4509 | 35.4144 | 27.0157 |
| 281.000 | 13.3430 | 35.7033 | 26.8687 | 353.000 | 11.4260 | 35.4108 | 27.0175 |
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| 284.000 | 13.2561 | 35.6859 | 26.8730 | 356.000 | 11.3534 | 35.3998 | 27.0225 |
| 285.000 | 13.1849 | 35.6775 | 26.8811 | 357.000 | 11.3252 | 35.3953 | 27.0242 |
| 286.000 | 13.1581 | 35.6744 | 26.8841 | 358.000 | 11.3132 | 35.3933 | 27.0249 |
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| 288.000 | 13.1237 | 35.6696 | 26.8874 | 360.000 | 11.2631 | 35.3854 | 27.0280 |
| 289.000 | 13.1153 | 35.6677 | 26.8876 | 361.000 | 11.2477 | 35.3839 | 27.0297 |
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| 295.000 | 12.9700 | 35.6446 | 26.8992 | 367.000 | 11.1661 | 35.3697 | 27.0337 |
| 296.000 | 12.9148 | 35.6347 | 26.9026 | 368.000 | 11.1442 | 35.3664 | 27.0351 |
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| 304.000 | 12.5590 | 35.5837 | 26.9341 | 376.000 | 10.9752 | 35.3391 | 27.0447 |
| 305.000 | 12.5294 | 35.5779 | 26.9355 | 377.000 | 10.9689 | 35.3376 | 27.0447 |
| 306.000 | 12.5016 | 35.5731 | 26.9372 | 378.000 | 10.9611 | 35.3351 | 27.0442 |
| 307.000 | 12.4595 | 35.5665 | 26.9404 | 379.000 | 10.9503 | 35.3342 | 27.0454 |
| 308.000 | 12.4429 | 35.5631 | 26.9411 | 380.000 | 10.9439 | 35.3332 | 27.0458 |
| 309.000 | 12.4378 | 35.5619 | 26.9411 | 381.000 | 10.9267 | 35.3282 | 27.0451 |
| 310.000 | 12.3935 | 35.5538 | 26.9436 | 382.000 | 10.8858 | 35.3211 | 27.0469 |
| 311.000 | 12.3496 | 35.5450 | 26.9453 | 383.000 | 10.8391 | 35.3190 | 27.0537 |
| 312.000 | 12.3134 | 35.5441 | 26.9517 | 384.000 | 10.8292 | 35.3163 | 27.0534 |
| 313.000 | 12.2885 | 35.5404 | 26.9536 | 385.000 | 10.8262 | 35.3156 | 27.0534 |
| 314.000 | 12.2577 | 35.5354 | 26.9558 | 386.000 | 10.8241 | 35.3143 | 27.0528 |
| 315.000 | 12.2372 | 35.5318 | 26.9570 | 387.000 | 10.7986 | 35.3080 | 27.0525 |
| 316.000 | 12.2279 | 35.5285 | 26.9562 | 388.000 | 10.7596 | 35.3018 | 27.0546 |
| 317.000 | 12.1731 | 35.5189 | 26.9594 | 389.000 | 10.6908 | 35.2972 | 27.0634 |
| 318.000 | 12.1503 | 35.5187 | 26.9637 | 390.000 | 10.6849 | 35.2951 | 27.0628 |
| 319.000 | 12.1277 | 35.5128 | 26.9635 | 391.000 | 10.6769 | 35.2941 | 27.0635 |
| 320.000 | 12.0856 | 35.5067 | 26.9669 | 392.000 | 10.6575 | 35.2898 | 27.0635 |
| 321.000 | 12.0490 | 35.5025 | 26.9707 | 393.000 | 10.6268 | 35.2826 | 27.0635 |
| 322.000 | 12.0254 | 35.4994 | 26.9728 | 394.000 | 10.5921 | 35.2797 | 27.0673 |
| 323.000 | 11.9892 | 35.4942 | 26.9757 | 395.000 | 10.5730 | 35.2777 | 27.0691 |
| 324.000 | 11.9799 | 35.4929 | 26.9765 | 396.000 | 10.5543 | 35.2748 | 27.0702 |
| 325.000 | 11.9777 | 35.4924 | 26.9766 | 397.000 | 10.5351 | 35.2706 | 27.0703 |
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| 327.000 | 11.9417 | 35.4870 | 26.9793 | 399.000 | 10.4655 | 35.2627 | 27.0765 |
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| 329.000 | 11.9008 | 35.4816 | 26.9829 | 401.000 | 10.4201 | 35.2554 | 27.0788 |
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| 331.000 | 11.8699 | 35.4773 | 26.9855 | 403.000 | 10.3622 | 35.2471 | 27.0826 |
| 332.000 | 11.8582 | 35.4754 | 26.9863 | 404.000 | 10.3385 | 35.2443 | 27.0845 |
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| 336.000 | 11.8451 | 35.4721 | 26.9862 | 408.000 | 10.2940 | 35.2376 | 27.0871 |
| 337.000 | 11.8054 | 35.4660 | 26.9889 | 409.000 | 10.2604 | 35.2338 | 27.0900 |
| 338.000 | 11.7701 | 35.4619 | 26.9925 | 410.000 | 10.2531 | 35.2322 | 27.0899 |
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| 340.000 | 11.7384 | 35.4558 | 26.9938 | 412.000 | 10.2379 | 35.2295 | 27.0906 |
| 341.000 | 11.7076 | 35.4515 | 26.9962 | 413.000 | 10.2337 | 35.2290 | 27.0909 |
| 342.000 | 11.6893 | 35.4487 | 26.9975 | 414.000 | 10.2207 | 35.2266 | 27.0912 |
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| 344.000 | 11.5981 | 35.4365 | 27.0052 | 416.000 | 10.2087 | 35.2250 | 27.0921 |
| 345.000 | 11.5670 | 35.4321 | 27.0077 | 417.000 | 10.2003 | 35.2226 | 27.0917 |
| 346.000 | 11.5567 | 35.4307 | 27.0086 | 418.000 | 10.1708 | 35.2203 | 27.0950 |
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| 424.000 | 10.0508 | 35.2023 | 27.1017 |
| 425.000 | 10.0274 | 35.2004 | 27.1043 |
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| 432.000 | 9.9008 | 35.1834 | 27.1126 |
| 433.000 | 9.8665 | 35.1793 | 27.1153 |
| 434.000 | 9.8484 | 35.1786 | 27.1178 |
| 435.000 | 9.8289 | 35.1761 | 27.1192 |
| 436.000 | 9.8135 | 35.1728 | 27.1192 |
| 437.000 | 9.7881 | 35.1692 | 27.1207 |
| 438.000 | 9.7739 | 35.1680 | 27.1222 |
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| 440.000 | 9.7591 | 35.1645 | 27.1220 |
| 441.000 | 9.7503 | 35.1634 | 27.1226 |
| 442.000 | 9.7453 | 35.1629 | 27.1231 |
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| 444.000 | 9.7253 | 35.1597 | 27.1239 |
| 445.000 | 9.7145 | 35.1587 | 27.1250 |
| 446.000 | 9.7094 | 35.1573 | 27.1248 |
| 447.000 | 9.6896 | 35.1563 | 27.1273 |
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| 450.000 | 9.6346 | 35.1503 | 27.1319 |
| 451.000 | 9.6237 | 35.1492 | 27.1328 |
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| 456.000 | 9.5072 | 35.1356 | 27.1416 |
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| 471.000 | 9.2407 | 35.1015 | 27.1590 |
| 472.000 | 9.2275 | 35.1000 | 27.1600 |
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| 475.000 | 9.1674 | 35.0918 | 27.1633 |
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Cruise: 92G02
 Date: Mon Jan 27 1992, Julian day = 27
 Time: 17:55:52 GMT
 Lat: 24 45.000 N
 Lon: 90 06.230 W
 Stn. 04

| meters | temp | salinity | sigma-t |
|--------|---------|----------|---------|
| 13.000 | 22.3494 | 36.3315 | 25.1324 |
| 14.000 | 22.3477 | 36.3314 | 25.1329 |
| 15.000 | 22.3443 | 36.3314 | 25.1338 |
| 16.000 | 22.3412 | 36.3318 | 25.1350 |
| 17.000 | 22.3314 | 36.3312 | 25.1373 |
| 18.000 | 22.3234 | 36.3310 | 25.1394 |
| 19.000 | 22.2822 | 36.3304 | 25.1507 |
| 20.000 | 22.2268 | 36.3200 | 25.1585 |
| 21.000 | 22.1230 | 36.3248 | 25.1916 |
| 22.000 | 22.1150 | 36.3239 | 25.1932 |
| 23.000 | 22.0871 | 36.3194 | 25.1977 |
| 24.000 | 22.0672 | 36.3192 | 25.2031 |
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| 27.000 | 22.0476 | 36.3182 | 25.2079 |
| 28.000 | 22.0459 | 36.3184 | 25.2086 |
| 29.000 | 22.0454 | 36.3190 | 25.2091 |
| 30.000 | 22.0464 | 36.3190 | 25.2088 |
| 31.000 | 22.0456 | 36.3190 | 25.2091 |
| 32.000 | 22.0439 | 36.3189 | 25.2094 |
| 33.000 | 22.0430 | 36.3186 | 25.2095 |
| 34.000 | 22.0425 | 36.3188 | 25.2098 |
| 35.000 | 22.0415 | 36.3186 | 25.2099 |
| 36.000 | 22.0401 | 36.3186 | 25.2103 |
| 37.000 | 22.0376 | 36.3178 | 25.2104 |
| 38.000 | 22.0362 | 36.3177 | 25.2107 |
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| 40.000 | 22.0358 | 36.3177 | 25.2108 |
| 41.000 | 22.0360 | 36.3174 | 25.2106 |
| 42.000 | 22.0361 | 36.3174 | 25.2105 |
| 43.000 | 22.0363 | 36.3175 | 25.2105 |
| 44.000 | 22.0356 | 36.3176 | 25.2108 |
| 45.000 | 22.0353 | 36.3175 | 25.2109 |
| 46.000 | 22.0354 | 36.3174 | 25.2108 |
| 47.000 | 22.0349 | 36.3174 | 25.2109 |
| 48.000 | 22.0343 | 36.3170 | 25.2107 |
| 49.000 | 22.0339 | 36.3171 | 25.2110 |
| 50.000 | 22.0333 | 36.3172 | 25.2111 |
| 51.000 | 22.0325 | 36.3170 | 25.2113 |
| 52.000 | 22.0310 | 36.3169 | 25.2116 |
| 53.000 | 22.0307 | 36.3168 | 25.2116 |
| 54.000 | 22.0305 | 36.3168 | 25.2117 |
| 55.000 | 22.0282 | 36.3167 | 25.2123 |
| 56.000 | 22.0248 | 36.3168 | 25.2133 |
| 57.000 | 22.0209 | 36.3163 | 25.2140 |
| 58.000 | 22.0151 | 36.3159 | 25.2153 |
| 59.000 | 22.0096 | 36.3155 | 25.2165 |
| 60.000 | 22.0003 | 36.3154 | 25.2191 |
| 61.000 | 21.9954 | 36.3157 | 25.2207 |
| 62.000 | 21.9927 | 36.3150 | 25.2210 |
| 63.000 | 21.9885 | 36.3149 | 25.2220 |
| 64.000 | 21.9877 | 36.3142 | 25.2218 |
| 65.000 | 21.9824 | 36.3135 | 25.2228 |
| 66.000 | 21.9781 | 36.3132 | 25.2237 |
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| 68.000 | 21.9656 | 36.3129 | 25.2270 |
| 69.000 | 21.9608 | 36.3126 | 25.2281 |
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| 72.000 | 21.9545 | 36.3170 | 25.2332 |
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| 75.000 | 21.9527 | 36.3184 | 25.2348 |

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| 76.000 | 21.9497 | 36.3185 | 25.2357 |
| 77.000 | 21.9450 | 36.3178 | 25.2366 |
| 78.000 | 21.9386 | 36.3177 | 25.2383 |
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| 80.000 | 21.9586 | 36.3285 | 25.2408 |
| 81.000 | 21.9532 | 36.3281 | 25.2420 |
| 82.000 | 21.9494 | 36.3274 | 25.2426 |
| 83.000 | 21.9484 | 36.3271 | 25.2427 |
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| 85.000 | 21.9548 | 36.3297 | 25.2428 |
| 86.000 | 21.9558 | 36.3295 | 25.2423 |
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| 88.000 | 21.9475 | 36.3271 | 25.2429 |
| 89.000 | 21.9505 | 36.3283 | 25.2430 |
| 90.000 | 21.9499 | 36.3290 | 25.2437 |
| 91.000 | 21.9528 | 36.3301 | 25.2437 |
| 92.000 | 21.9492 | 36.3314 | 25.2457 |
| 93.000 | 21.9421 | 36.3331 | 25.2490 |
| 94.000 | 21.9300 | 36.3351 | 25.2539 |
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| 99.000 | 21.8671 | 36.3347 | 25.2713 |
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| 101.000 | 21.8168 | 36.3450 | 25.2932 |
| 102.000 | 21.7885 | 36.3518 | 25.3063 |
| 103.000 | 21.7747 | 36.3544 | 25.3122 |
| 104.000 | 21.7552 | 36.3589 | 25.3211 |
| 105.000 | 21.6974 | 36.3733 | 25.3482 |
| 106.000 | 21.5818 | 36.4087 | 25.4074 |
| 107.000 | 21.5019 | 36.4307 | 25.4464 |
| 108.000 | 21.4266 | 36.4377 | 25.4726 |
| 109.000 | 21.2183 | 36.4402 | 25.5322 |
| 110.000 | 21.0471 | 36.4719 | 25.6034 |
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| 112.000 | 20.8150 | 36.4740 | 25.6685 |
| 113.000 | 20.6980 | 36.4832 | 25.7073 |
| 114.000 | 20.5784 | 36.5207 | 25.7683 |
| 115.000 | 20.4729 | 36.5369 | 25.8092 |
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| 118.000 | 20.3175 | 36.5490 | 25.8603 |
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| 123.000 | 19.9795 | 36.5461 | 25.9484 |
| 124.000 | 19.9651 | 36.5481 | 25.9537 |
| 125.000 | 19.9663 | 36.5484 | 25.9536 |
| 126.000 | 19.9656 | 36.5549 | 25.9588 |
| 127.000 | 19.9633 | 36.5619 | 25.9647 |
| 128.000 | 19.9135 | 36.5581 | 25.9751 |
| 129.000 | 19.7764 | 36.5477 | 26.0034 |
| 130.000 | 19.7979 | 36.5705 | 26.0151 |
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| 133.000 | 19.5366 | 36.5356 | 26.0572 |
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| 140.000 | 18.9636 | 36.4719 | 26.1573 |
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| 143.000 | 18.8487 | 36.4572 | 26.1755 |
| 144.000 | 18.8181 | 36.4544 | 26.1812 |
| 145.000 | 18.8185 | 36.4540 | 26.1808 |
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| 147.000 | 18.6195 | 36.4339 | 26.2162 |

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| 148.000 | 18.5548 | 36.4332 | 26.2320 | 220.000 | 15.3576 | 36.0223 | 26.6815 |
| 149.000 | 18.4904 | 36.4194 | 26.2378 | 221.000 | 15.3209 | 36.0154 | 26.6844 |
| 150.000 | 18.4414 | 36.4210 | 26.2514 | 222.000 | 15.2591 | 36.0063 | 26.6913 |
| 151.000 | 18.4195 | 36.4174 | 26.2541 | 223.000 | 15.2307 | 36.0035 | 26.6955 |
| 152.000 | 18.3917 | 36.4157 | 26.2598 | 224.000 | 15.2131 | 36.0001 | 26.6967 |
| 153.000 | 18.3536 | 36.4107 | 26.2656 | 225.000 | 15.1870 | 35.9954 | 26.6990 |
| 154.000 | 18.3205 | 36.4045 | 26.2692 | 226.000 | 15.1696 | 35.9926 | 26.7007 |
| 155.000 | 18.2107 | 36.3796 | 26.2777 | 227.000 | 15.1472 | 35.9830 | 26.6983 |
| 156.000 | 18.1298 | 36.3919 | 26.3073 | 228.000 | 15.0944 | 35.9720 | 26.7015 |
| 157.000 | 18.0221 | 36.3803 | 26.3253 | 229.000 | 14.9728 | 35.9535 | 26.7143 |
| 158.000 | 17.9186 | 36.3670 | 26.3408 | 230.000 | 14.9154 | 35.9561 | 26.7290 |
| 159.000 | 17.8076 | 36.3506 | 26.3557 | 231.000 | 14.8953 | 35.9480 | 26.7272 |
| 160.000 | 17.7188 | 36.3532 | 26.3796 | 232.000 | 14.8584 | 35.9438 | 26.7320 |
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| 162.000 | 17.6853 | 36.3495 | 26.3850 | 234.000 | 14.7260 | 35.9222 | 26.7444 |
| 163.000 | 17.6716 | 36.3451 | 26.3851 | 235.000 | 14.6938 | 35.9194 | 26.7493 |
| 164.000 | 17.5884 | 36.3359 | 26.3984 | 236.000 | 14.6579 | 35.9124 | 26.7517 |
| 165.000 | 17.5605 | 36.3330 | 26.4030 | 237.000 | 14.6083 | 35.9069 | 26.7582 |
| 166.000 | 17.5236 | 36.3266 | 26.4072 | 238.000 | 14.5728 | 35.8974 | 26.7587 |
| 167.000 | 17.4643 | 36.3189 | 26.4157 | 239.000 | 14.4467 | 35.8788 | 26.7716 |
| 168.000 | 17.4146 | 36.3170 | 26.4264 | 240.000 | 14.4020 | 35.8747 | 26.7782 |
| 169.000 | 17.3815 | 36.3106 | 26.4295 | 241.000 | 14.3919 | 35.8724 | 26.7785 |
| 170.000 | 17.3035 | 36.2992 | 26.4397 | 242.000 | 14.3751 | 35.8649 | 26.7763 |
| 171.000 | 17.2523 | 36.2958 | 26.4495 | 243.000 | 14.3075 | 35.8598 | 26.7870 |
| 172.000 | 17.2029 | 36.2899 | 26.4570 | 244.000 | 14.3020 | 35.8572 | 26.7862 |
| 173.000 | 17.1681 | 36.2862 | 26.4625 | 245.000 | 14.2973 | 35.8538 | 26.7845 |
| 174.000 | 17.1341 | 36.2808 | 26.4665 | 246.000 | 14.2709 | 35.8454 | 26.7837 |
| 175.000 | 17.0998 | 36.2759 | 26.4710 | 247.000 | 14.2303 | 35.8401 | 26.7883 |
| 176.000 | 17.0840 | 36.2714 | 26.4714 | 248.000 | 14.1472 | 35.8339 | 26.8012 |
| 177.000 | 17.0194 | 36.2650 | 26.4820 | 249.000 | 14.0926 | 35.8198 | 26.8020 |
| 178.000 | 16.9677 | 36.2596 | 26.4902 | 250.000 | 14.0732 | 35.8182 | 26.8049 |
| 179.000 | 16.9361 | 36.2530 | 26.4927 | 251.000 | 14.0457 | 35.8140 | 26.8075 |
| 180.000 | 16.9056 | 36.2508 | 26.4983 | 252.000 | 14.0164 | 35.8117 | 26.8119 |
| 181.000 | 16.8679 | 36.2448 | 26.5028 | 253.000 | 13.9798 | 35.8054 | 26.8148 |
| 182.000 | 16.8171 | 36.2361 | 26.5081 | 254.000 | 13.9589 | 35.8023 | 26.8169 |
| 183.000 | 16.7731 | 36.2298 | 26.5138 | 255.000 | 13.9360 | 35.7966 | 26.8173 |
| 184.000 | 16.7281 | 36.2222 | 26.5186 | 256.000 | 13.8811 | 35.7889 | 26.8229 |
| 185.000 | 16.6670 | 36.2163 | 26.5286 | 257.000 | 13.8371 | 35.7838 | 26.8282 |
| 186.000 | 16.6338 | 36.2123 | 26.5334 | 258.000 | 13.8058 | 35.7787 | 26.8309 |
| 187.000 | 16.6036 | 36.2082 | 26.5373 | 259.000 | 13.7645 | 35.7722 | 26.8345 |
| 188.000 | 16.5883 | 36.2051 | 26.5386 | 260.000 | 13.7401 | 35.7688 | 26.8370 |
| 189.000 | 16.5747 | 36.2014 | 26.5390 | 261.000 | 13.7057 | 35.7600 | 26.8374 |
| 190.000 | 16.5434 | 36.1947 | 26.5411 | 262.000 | 13.6696 | 35.7524 | 26.8391 |
| 191.000 | 16.4861 | 36.1906 | 26.5515 | 263.000 | 13.6166 | 35.7450 | 26.8444 |
| 192.000 | 16.4659 | 36.1882 | 26.5544 | 264.000 | 13.5787 | 35.7426 | 26.8503 |
| 193.000 | 16.4421 | 36.1837 | 26.5566 | 265.000 | 13.5464 | 35.7339 | 26.8503 |
| 194.000 | 16.3751 | 36.1724 | 26.5636 | 266.000 | 13.5145 | 35.7301 | 26.8540 |
| 195.000 | 16.3032 | 36.1618 | 26.5722 | 267.000 | 13.4867 | 35.7238 | 26.8549 |
| 196.000 | 16.2415 | 36.1532 | 26.5800 | 268.000 | 13.4266 | 35.7166 | 26.8618 |
| 197.000 | 16.1854 | 36.1464 | 26.5879 | 269.000 | 13.3810 | 35.7097 | 26.8658 |
| 198.000 | 16.1500 | 36.1432 | 26.5936 | 270.000 | 13.3224 | 35.6994 | 26.8699 |
| 199.000 | 16.1117 | 36.1347 | 26.5959 | 271.000 | 13.2889 | 35.6922 | 26.8712 |
| 200.000 | 16.0611 | 36.1266 | 26.6014 | 272.000 | 13.2412 | 35.6870 | 26.8769 |
| 201.000 | 16.0321 | 36.1253 | 26.6071 | 273.000 | 13.1926 | 35.6784 | 26.8802 |
| 202.000 | 16.0109 | 36.1221 | 26.6095 | 274.000 | 13.1569 | 35.6713 | 26.8819 |
| 203.000 | 15.9877 | 36.1177 | 26.6115 | 275.000 | 13.1243 | 35.6686 | 26.8865 |
| 204.000 | 15.9676 | 36.1127 | 26.6123 | 276.000 | 13.1075 | 35.6666 | 26.8884 |
| 205.000 | 15.9334 | 36.1087 | 26.6171 | 277.000 | 13.0980 | 35.6640 | 26.8883 |
| 206.000 | 15.9110 | 36.1057 | 26.6199 | 278.000 | 13.0978 | 35.6632 | 26.8877 |
| 207.000 | 15.8974 | 36.1043 | 26.6220 | 279.000 | 13.0349 | 35.6292 | 26.8741 |
| 208.000 | 15.8904 | 36.1015 | 26.6214 | 280.000 | 12.9423 | 35.6373 | 26.8991 |
| 209.000 | 15.8631 | 36.0953 | 26.6229 | 281.000 | 12.9078 | 35.6324 | 26.9023 |
| 210.000 | 15.8225 | 36.0878 | 26.6265 | 282.000 | 12.8768 | 35.6294 | 26.9062 |
| 211.000 | 15.7563 | 36.0791 | 26.6349 | 283.000 | 12.8524 | 35.6220 | 26.9054 |
| 212.000 | 15.6902 | 36.0720 | 26.6446 | 284.000 | 12.8324 | 35.6192 | 26.9072 |
| 213.000 | 15.6460 | 36.0671 | 26.6508 | 285.000 | 12.8172 | 35.6182 | 26.9094 |
| 214.000 | 15.6419 | 36.0646 | 26.6498 | 286.000 | 12.7490 | 35.6054 | 26.9132 |
| 215.000 | 15.6109 | 36.0566 | 26.6507 | 287.000 | 12.6755 | 35.5972 | 26.9215 |
| 216.000 | 15.5370 | 36.0485 | 26.6612 | 288.000 | 12.6661 | 35.5928 | 26.9199 |
| 217.000 | 15.4541 | 36.0334 | 26.6684 | 289.000 | 12.6374 | 35.5854 | 26.9199 |
| 218.000 | 15.3960 | 36.0286 | 26.6777 | 290.000 | 12.5970 | 35.5826 | 26.9257 |
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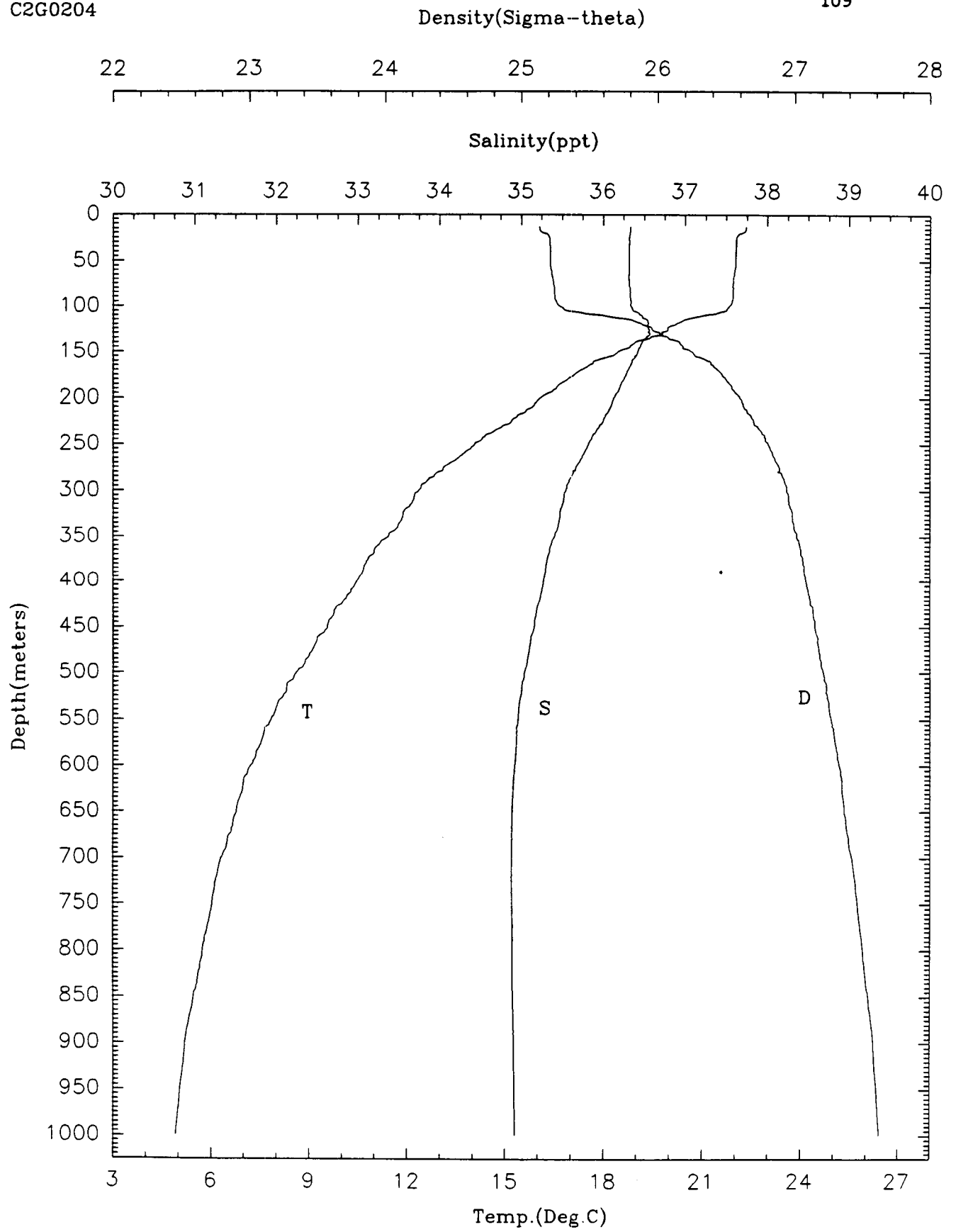
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|---------|---------|---------|---------|---------|---------|---------|---------|
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| 293.000 | 12.4715 | 35.5634 | 26.9356 | 365.000 | 11.0002 | 35.3463 | 27.0458 |
| 294.000 | 12.4432 | 35.5599 | 26.9385 | 366.000 | 11.0001 | 35.3454 | 27.0451 |
| 295.000 | 12.4365 | 35.5586 | 26.9388 | 367.000 | 11.0017 | 35.3454 | 27.0448 |
| 296.000 | 12.4326 | 35.5581 | 26.9392 | 368.000 | 10.9939 | 35.3431 | 27.0445 |
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| 300.000 | 12.3634 | 35.5441 | 26.9419 | 372.000 | 10.8357 | 35.3224 | 27.0570 |
| 301.000 | 12.3396 | 35.5383 | 26.9421 | 373.000 | 10.8291 | 35.3222 | 27.0580 |
| 302.000 | 12.2928 | 35.5323 | 26.9465 | 374.000 | 10.8211 | 35.3202 | 27.0579 |
| 303.000 | 12.2457 | 35.5270 | 26.9516 | 375.000 | 10.8057 | 35.3162 | 27.0576 |
| 304.000 | 12.2295 | 35.5264 | 26.9543 | 376.000 | 10.7769 | 35.3139 | 27.0610 |
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| 309.000 | 12.2084 | 35.5201 | 26.9535 | 381.000 | 10.7004 | 35.3013 | 27.0648 |
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| 315.000 | 12.1108 | 35.5051 | 26.9607 | 387.000 | 10.6606 | 35.2968 | 27.0685 |
| 316.000 | 12.0992 | 35.5040 | 26.9622 | 388.000 | 10.6533 | 35.2965 | 27.0695 |
| 317.000 | 12.0774 | 35.4987 | 26.9623 | 389.000 | 10.6491 | 35.2959 | 27.0698 |
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| 319.000 | 11.9810 | 35.4863 | 26.9712 | 391.000 | 10.6294 | 35.2928 | 27.0709 |
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| 321.000 | 11.9286 | 35.4818 | 26.9777 | 393.000 | 10.5947 | 35.2869 | 27.0725 |
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| 325.000 | 11.8782 | 35.4747 | 26.9819 | 397.000 | 10.5288 | 35.2785 | 27.0776 |
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| 327.000 | 11.8753 | 35.4731 | 26.9811 | 399.000 | 10.5016 | 35.2755 | 27.0801 |
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| 344.000 | 11.5744 | 35.4270 | 27.0024 | 416.000 | 10.1738 | 35.2359 | 27.1066 |
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| 356.000 | 11.1974 | 35.3728 | 27.0303 | 428.000 | 9.8424 | 35.1950 | 27.1316 |
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| 360.000 | 11.1101 | 35.3604 | 27.0367 | 432.000 | 9.7811 | 35.1868 | 27.1356 |
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|---------|--------|---------|---------|---------|--------|---------|---------|
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| 437.000 | 9.7510 | 35.1812 | 27.1364 | 509.000 | 8.4263 | 35.0192 | 27.2242 |
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| 443.000 | 9.6132 | 35.1656 | 27.1474 | 515.000 | 8.3176 | 35.0093 | 27.2332 |
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| 454.000 | 9.5022 | 35.1497 | 27.1535 | 526.000 | 8.2037 | 34.9954 | 27.2397 |
| 455.000 | 9.4887 | 35.1468 | 27.1535 | 527.000 | 8.1911 | 34.9915 | 27.2386 |
| 456.000 | 9.4642 | 35.1438 | 27.1552 | 528.000 | 8.1605 | 34.9906 | 27.2426 |
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| 458.000 | 9.3910 | 35.1334 | 27.1592 | 530.000 | 8.0832 | 34.9828 | 27.2481 |
| 459.000 | 9.3301 | 35.1271 | 27.1643 | 531.000 | 8.0615 | 34.9814 | 27.2503 |
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| 469.000 | 9.2049 | 35.1108 | 27.1721 | 541.000 | 7.9683 | 34.9696 | 27.2550 |
| 470.000 | 9.1926 | 35.1089 | 27.1726 | 542.000 | 7.9585 | 34.9680 | 27.2553 |
| 471.000 | 9.1766 | 35.1064 | 27.1733 | 543.000 | 7.9454 | 34.9679 | 27.2572 |
| 472.000 | 9.1654 | 35.1052 | 27.1741 | 544.000 | 7.9340 | 34.9678 | 27.2588 |
| 473.000 | 9.1468 | 35.1023 | 27.1749 | 545.000 | 7.9239 | 34.9678 | 27.2603 |
| 474.000 | 9.1379 | 35.1023 | 27.1763 | 546.000 | 7.9084 | 34.9646 | 27.2601 |
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| 476.000 | 9.1084 | 35.0976 | 27.1775 | 548.000 | 7.8516 | 34.9639 | 27.2680 |
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| 495.000 | 8.7560 | 35.0548 | 27.2004 | 567.000 | 7.5979 | 34.9447 | 27.2903 |
| 496.000 | 8.7039 | 35.0511 | 27.2058 | 568.000 | 7.5955 | 34.9452 | 27.2910 |
| 497.000 | 8.6828 | 35.0483 | 27.2069 | 569.000 | 7.5924 | 34.9448 | 27.2911 |
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| 499.000 | 8.6397 | 35.0425 | 27.2091 | 571.000 | 7.5656 | 34.9420 | 27.2928 |
| 500.000 | 8.6243 | 35.0421 | 27.2113 | 572.000 | 7.5560 | 34.9424 | 27.2946 |
| 501.000 | 8.6081 | 35.0375 | 27.2102 | 573.000 | 7.5489 | 34.9418 | 27.2951 |
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| 503.000 | 8.5631 | 35.0358 | 27.2159 | 575.000 | 7.5316 | 34.9430 | 27.2986 |
| 504.000 | 8.5451 | 35.0336 | 27.2170 | 576.000 | 7.5248 | 34.9421 | 27.2989 |
| 505.000 | 8.5279 | 35.0333 | 27.2195 | 577.000 | 7.5136 | 34.9414 | 27.2999 |
| 506.000 | 8.5279 | 35.0332 | 27.2194 | 578.000 | 7.5001 | 34.9412 | 27.3017 |
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|---------|--------|---------|---------|---------|--------|---------|---------|
| 580.000 | 7.4699 | 34.9400 | 27.3052 | 652.000 | 6.7639 | 34.8900 | 27.3650 |
| 581.000 | 7.4583 | 34.9387 | 27.3058 | 653.000 | 6.7408 | 34.8871 | 27.3658 |
| 582.000 | 7.4463 | 34.9377 | 27.3068 | 654.000 | 6.7162 | 34.8891 | 27.3708 |
| 583.000 | 7.4206 | 34.9354 | 27.3086 | 655.000 | 6.7123 | 34.8889 | 27.3711 |
| 584.000 | 7.3946 | 34.9349 | 27.3120 | 656.000 | 6.7002 | 34.8879 | 27.3720 |
| 585.000 | 7.3856 | 34.9342 | 27.3127 | 657.000 | 6.6889 | 34.8884 | 27.3739 |
| 586.000 | 7.3792 | 34.9340 | 27.3135 | 658.000 | 6.6848 | 34.8882 | 27.3743 |
| 587.000 | 7.3770 | 34.9338 | 27.3136 | 659.000 | 6.6787 | 34.8882 | 27.3752 |
| 588.000 | 7.3751 | 34.9332 | 27.3134 | 660.000 | 6.6764 | 34.8881 | 27.3754 |
| 589.000 | 7.3712 | 34.9330 | 27.3138 | 661.000 | 6.6741 | 34.8879 | 27.3755 |
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| 592.000 | 7.3542 | 34.9319 | 27.3154 | 664.000 | 6.6664 | 34.8874 | 27.3762 |
| 593.000 | 7.3381 | 34.9281 | 27.3147 | 665.000 | 6.6621 | 34.8875 | 27.3768 |
| 594.000 | 7.3070 | 34.9281 | 27.3192 | 666.000 | 6.6576 | 34.8872 | 27.3772 |
| 595.000 | 7.2864 | 34.9280 | 27.3220 | 667.000 | 6.6428 | 34.8875 | 27.3794 |
| 596.000 | 7.2791 | 34.9281 | 27.3231 | 668.000 | 6.6270 | 34.8872 | 27.3813 |
| 597.000 | 7.2753 | 34.9274 | 27.3231 | 669.000 | 6.6210 | 34.8875 | 27.3824 |
| 598.000 | 7.2708 | 34.9267 | 27.3232 | 670.000 | 6.6178 | 34.8876 | 27.3829 |
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| 600.000 | 7.2162 | 34.9233 | 27.3283 | 672.000 | 6.6146 | 34.8872 | 27.3830 |
| 601.000 | 7.1993 | 34.9235 | 27.3309 | 673.000 | 6.6074 | 34.8861 | 27.3831 |
| 602.000 | 7.1866 | 34.9212 | 27.3308 | 674.000 | 6.5834 | 34.8861 | 27.3863 |
| 603.000 | 7.1566 | 34.9185 | 27.3329 | 675.000 | 6.5555 | 34.8867 | 27.3905 |
| 604.000 | 7.1393 | 34.9184 | 27.3353 | 676.000 | 6.5436 | 34.8816 | 27.3881 |
| 605.000 | 7.1335 | 34.9178 | 27.3356 | 677.000 | 6.5152 | 34.8850 | 27.3946 |
| 606.000 | 7.1272 | 34.9170 | 27.3359 | 678.000 | 6.5112 | 34.8856 | 27.3956 |
| 607.000 | 7.1212 | 34.9161 | 27.3361 | 679.000 | 6.5087 | 34.8850 | 27.3955 |
| 608.000 | 7.1131 | 34.9155 | 27.3367 | 680.000 | 6.5049 | 34.8848 | 27.3958 |
| 609.000 | 7.1066 | 34.9148 | 27.3370 | 681.000 | 6.5009 | 34.8842 | 27.3959 |
| 610.000 | 7.0851 | 34.9126 | 27.3384 | 682.000 | 6.4982 | 34.8840 | 27.3961 |
| 611.000 | 7.0509 | 34.9097 | 27.3408 | 683.000 | 6.4945 | 34.8822 | 27.3952 |
| 612.000 | 7.0390 | 34.9101 | 27.3428 | 684.000 | 6.4840 | 34.8835 | 27.3976 |
| 613.000 | 7.0291 | 34.9072 | 27.3419 | 685.000 | 6.4795 | 34.8833 | 27.3981 |
| 614.000 | 7.0030 | 34.9066 | 27.3451 | 686.000 | 6.4770 | 34.8838 | 27.3987 |
| 615.000 | 6.9934 | 34.9066 | 27.3464 | 687.000 | 6.4726 | 34.8835 | 27.3991 |
| 616.000 | 6.9896 | 34.9060 | 27.3465 | 688.000 | 6.4681 | 34.8833 | 27.3996 |
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| 624.000 | 6.9694 | 34.9027 | 27.3467 | 696.000 | 6.3681 | 34.8834 | 27.4129 |
| 625.000 | 6.9632 | 34.9025 | 27.3474 | 697.000 | 6.3614 | 34.8828 | 27.4133 |
| 626.000 | 6.9585 | 34.9022 | 27.3478 | 698.000 | 6.3443 | 34.8821 | 27.4150 |
| 627.000 | 6.9545 | 34.9018 | 27.3481 | 699.000 | 6.3275 | 34.8817 | 27.4169 |
| 628.000 | 6.9502 | 34.9008 | 27.3478 | 700.000 | 6.3087 | 34.8809 | 27.4187 |
| 629.000 | 6.9421 | 34.9005 | 27.3487 | 701.000 | 6.2901 | 34.8822 | 27.4222 |
| 630.000 | 6.9332 | 34.9000 | 27.3496 | 702.000 | 6.2882 | 34.8817 | 27.4221 |
| 631.000 | 6.9224 | 34.8992 | 27.3504 | 703.000 | 6.2847 | 34.8814 | 27.4223 |
| 632.000 | 6.9125 | 34.8986 | 27.3513 | 704.000 | 6.2752 | 34.8808 | 27.4231 |
| 633.000 | 6.9021 | 34.8966 | 27.3511 | 705.000 | 6.2666 | 34.8805 | 27.4240 |
| 634.000 | 6.8897 | 34.8969 | 27.3532 | 706.000 | 6.2571 | 34.8816 | 27.4261 |
| 635.000 | 6.8815 | 34.8971 | 27.3544 | 707.000 | 6.2509 | 34.8816 | 27.4269 |
| 636.000 | 6.8662 | 34.8956 | 27.3553 | 708.000 | 6.2440 | 34.8819 | 27.4280 |
| 637.000 | 6.8538 | 34.8944 | 27.3561 | 709.000 | 6.2410 | 34.8818 | 27.4283 |
| 638.000 | 6.8372 | 34.8924 | 27.3568 | 710.000 | 6.2379 | 34.8812 | 27.4283 |
| 639.000 | 6.8227 | 34.8940 | 27.3601 | 711.000 | 6.2311 | 34.8813 | 27.4293 |
| 640.000 | 6.8192 | 34.8942 | 27.3607 | 712.000 | 6.2235 | 34.8806 | 27.4297 |
| 641.000 | 6.8156 | 34.8938 | 27.3609 | 713.000 | 6.2085 | 34.8821 | 27.4328 |
| 642.000 | 6.8132 | 34.8936 | 27.3611 | 714.000 | 6.2053 | 34.8824 | 27.4335 |
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| 644.000 | 6.7902 | 34.8916 | 27.3626 | 716.000 | 6.2012 | 34.8821 | 27.4337 |
| 645.000 | 6.7852 | 34.8920 | 27.3636 | 717.000 | 6.1910 | 34.8821 | 27.4351 |
| 646.000 | 6.7851 | 34.8919 | 27.3636 | 718.000 | 6.1872 | 34.8821 | 27.4356 |
| 647.000 | 6.7821 | 34.8913 | 27.3635 | 719.000 | 6.1833 | 34.8825 | 27.4364 |
| 648.000 | 6.7799 | 34.8915 | 27.3639 | 720.000 | 6.1798 | 34.8815 | 27.4361 |
| 649.000 | 6.7771 | 34.8912 | 27.3641 | 721.000 | 6.1674 | 34.8807 | 27.4371 |
| 650.000 | 6.7738 | 34.8907 | 27.3641 | 722.000 | 6.1501 | 34.8822 | 27.4405 |
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|---------|--------|---------|---------|---------|--------|---------|---------|
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| 725.000 | 6.1336 | 34.8820 | 27.4424 | 797.000 | 5.7456 | 34.8895 | 27.4978 |
| 726.000 | 6.1283 | 34.8821 | 27.4433 | 798.000 | 5.7438 | 34.8897 | 27.4981 |
| 727.000 | 6.1232 | 34.8825 | 27.4442 | 799.000 | 5.7417 | 34.8894 | 27.4982 |
| 728.000 | 6.1200 | 34.8825 | 27.4446 | 800.000 | 5.7395 | 34.8894 | 27.4985 |
| 729.000 | 6.1182 | 34.8822 | 27.4446 | 801.000 | 5.7363 | 34.8894 | 27.4988 |
| 730.000 | 6.1172 | 34.8824 | 27.4449 | 802.000 | 5.7309 | 34.8895 | 27.4996 |
| 731.000 | 6.1148 | 34.8820 | 27.4449 | 803.000 | 5.7270 | 34.8902 | 27.5007 |
| 732.000 | 6.1111 | 34.8822 | 27.4455 | 804.000 | 5.7268 | 34.8901 | 27.5006 |
| 733.000 | 6.1061 | 34.8824 | 27.4463 | 805.000 | 5.7265 | 34.8899 | 27.5004 |
| 734.000 | 6.1032 | 34.8822 | 27.4466 | 806.000 | 5.7253 | 34.8898 | 27.5005 |
| 735.000 | 6.0986 | 34.8822 | 27.4472 | 807.000 | 5.7225 | 34.8899 | 27.5010 |
| 736.000 | 6.0954 | 34.8822 | 27.4476 | 808.000 | 5.7178 | 34.8898 | 27.5015 |
| 737.000 | 6.0911 | 34.8823 | 27.4482 | 809.000 | 5.7117 | 34.8901 | 27.5025 |
| 738.000 | 6.0883 | 34.8821 | 27.4484 | 810.000 | 5.7002 | 34.8895 | 27.5034 |
| 739.000 | 6.0798 | 34.8823 | 27.4496 | 811.000 | 5.6923 | 34.8908 | 27.5055 |
| 740.000 | 6.0724 | 34.8823 | 27.4506 | 812.000 | 5.6870 | 34.8901 | 27.5056 |
| 741.000 | 6.0639 | 34.8828 | 27.4521 | 813.000 | 5.6715 | 34.8909 | 27.5082 |
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| 743.000 | 6.0505 | 34.8840 | 27.4547 | 815.000 | 5.6593 | 34.8914 | 27.5101 |
| 744.000 | 6.0480 | 34.8840 | 27.4551 | 816.000 | 5.6579 | 34.8916 | 27.5104 |
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| 746.000 | 6.0395 | 34.8849 | 27.4569 | 818.000 | 5.6563 | 34.8913 | 27.5104 |
| 747.000 | 6.0384 | 34.8847 | 27.4569 | 819.000 | 5.6552 | 34.8914 | 27.5105 |
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| 749.000 | 6.0373 | 34.8862 | 27.4582 | 821.000 | 5.6470 | 34.8909 | 27.5112 |
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| 753.000 | 6.0148 | 34.8873 | 27.4620 | 825.000 | 5.6127 | 34.8921 | 27.5164 |
| 754.000 | 6.0138 | 34.8871 | 27.4619 | 826.000 | 5.6097 | 34.8922 | 27.5168 |
| 755.000 | 6.0132 | 34.8868 | 27.4618 | 827.000 | 5.6052 | 34.8920 | 27.5172 |
| 756.000 | 6.0084 | 34.8860 | 27.4618 | 828.000 | 5.6001 | 34.8924 | 27.5181 |
| 757.000 | 5.9992 | 34.8866 | 27.4634 | 829.000 | 5.5969 | 34.8925 | 27.5186 |
| 758.000 | 5.9953 | 34.8869 | 27.4641 | 830.000 | 5.5927 | 34.8924 | 27.5191 |
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| 762.000 | 5.9692 | 34.8877 | 27.4681 | 834.000 | 5.5756 | 34.8928 | 27.5215 |
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| 775.000 | 5.8870 | 34.8889 | 27.4795 | 847.000 | 5.4704 | 34.8968 | 27.5375 |
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| 781.000 | 5.8566 | 34.8877 | 27.4824 | 853.000 | 5.4423 | 34.8974 | 27.5414 |
| 782.000 | 5.8440 | 34.8884 | 27.4845 | 854.000 | 5.4372 | 34.8978 | 27.5424 |
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| 784.000 | 5.8243 | 34.8884 | 27.4870 | 856.000 | 5.4337 | 34.8981 | 27.5431 |
| 785.000 | 5.8094 | 34.8891 | 27.4894 | 857.000 | 5.4306 | 34.8982 | 27.5435 |
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| 787.000 | 5.7997 | 34.8892 | 27.4907 | 859.000 | 5.4277 | 34.8979 | 27.5437 |
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| 789.000 | 5.7963 | 34.8890 | 27.4910 | 861.000 | 5.4157 | 34.8977 | 27.5449 |
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| 791.000 | 5.7928 | 34.8883 | 27.4909 | 863.000 | 5.3962 | 34.8990 | 27.5483 |
| 792.000 | 5.7772 | 34.8888 | 27.4933 | 864.000 | 5.3888 | 34.8998 | 27.5499 |
| 793.000 | 5.7691 | 34.8889 | 27.4944 | 865.000 | 5.3853 | 34.8996 | 27.5501 |
| 794.000 | 5.7650 | 34.8890 | 27.4950 | 866.000 | 5.3751 | 34.9001 | 27.5517 |
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|---------|--------|---------|---------|----------|--------|---------|---------|
| 868.000 | 5.3563 | 34.9007 | 27.5545 | 940.000 | 5.0781 | 34.9121 | 27.5966 |
| 869.000 | 5.3528 | 34.9012 | 27.5553 | 941.000 | 5.0761 | 34.9122 | 27.5969 |
| 870.000 | 5.3488 | 34.9017 | 27.5562 | 942.000 | 5.0736 | 34.9120 | 27.5971 |
| 871.000 | 5.3431 | 34.9016 | 27.5568 | 943.000 | 5.0692 | 34.9122 | 27.5977 |
| 872.000 | 5.3370 | 34.9010 | 27.5570 | 944.000 | 5.0652 | 34.9124 | 27.5983 |
| 873.000 | 5.3315 | 34.9022 | 27.5587 | 945.000 | 5.0612 | 34.9126 | 27.5990 |
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| 877.000 | 5.3069 | 34.9029 | 27.5622 | 949.000 | 5.0476 | 34.9129 | 27.6008 |
| 878.000 | 5.3029 | 34.9027 | 27.5625 | 950.000 | 5.0434 | 34.9137 | 27.6020 |
| 879.000 | 5.2975 | 34.9031 | 27.5634 | 951.000 | 5.0414 | 34.9138 | 27.6022 |
| 880.000 | 5.2927 | 34.9033 | 27.5642 | 952.000 | 5.0406 | 34.9135 | 27.6021 |
| 881.000 | 5.2851 | 34.9034 | 27.5652 | 953.000 | 5.0396 | 34.9130 | 27.6019 |
| 882.000 | 5.2814 | 34.9041 | 27.5662 | 954.000 | 5.0347 | 34.9138 | 27.6031 |
| 883.000 | 5.2769 | 34.9037 | 27.5664 | 955.000 | 5.0320 | 34.9139 | 27.6035 |
| 884.000 | 5.2672 | 34.9037 | 27.5676 | 956.000 | 5.0300 | 34.9143 | 27.6040 |
| 885.000 | 5.2591 | 34.9046 | 27.5693 | 957.000 | 5.0284 | 34.9141 | 27.6040 |
| 886.000 | 5.2554 | 34.9048 | 27.5699 | 958.000 | 5.0277 | 34.9139 | 27.6039 |
| 887.000 | 5.2517 | 34.9049 | 27.5703 | 959.000 | 5.0246 | 34.9143 | 27.6046 |
| 888.000 | 5.2475 | 34.9051 | 27.5710 | 960.000 | 5.0236 | 34.9144 | 27.6048 |
| 889.000 | 5.2437 | 34.9047 | 27.5711 | 961.000 | 5.0230 | 34.9145 | 27.6050 |
| 890.000 | 5.2379 | 34.9047 | 27.5719 | 962.000 | 5.0219 | 34.9141 | 27.6048 |
| 891.000 | 5.2327 | 34.9054 | 27.5730 | 963.000 | 5.0195 | 34.9143 | 27.6052 |
| 892.000 | 5.2290 | 34.9059 | 27.5738 | 964.000 | 5.0162 | 34.9143 | 27.6056 |
| 893.000 | 5.2242 | 34.9058 | 27.5744 | 965.000 | 5.0137 | 34.9145 | 27.6061 |
| 894.000 | 5.2184 | 34.9064 | 27.5755 | 966.000 | 5.0129 | 34.9148 | 27.6064 |
| 895.000 | 5.2162 | 34.9055 | 27.5750 | 967.000 | 5.0121 | 34.9146 | 27.6063 |
| 896.000 | 5.2099 | 34.9066 | 27.5767 | 968.000 | 5.0086 | 34.9147 | 27.6068 |
| 897.000 | 5.2065 | 34.9065 | 27.5770 | 969.000 | 5.0062 | 34.9147 | 27.6071 |
| 898.000 | 5.2015 | 34.9069 | 27.5779 | 970.000 | 4.9985 | 34.9148 | 27.6081 |
| 899.000 | 5.2001 | 34.9068 | 27.5780 | 971.000 | 4.9904 | 34.9162 | 27.6101 |
| 900.000 | 5.1983 | 34.9065 | 27.5780 | 972.000 | 4.9884 | 34.9162 | 27.6103 |
| 901.000 | 5.1958 | 34.9068 | 27.5785 | 973.000 | 4.9847 | 34.9159 | 27.6105 |
| 902.000 | 5.1937 | 34.9069 | 27.5789 | 974.000 | 4.9842 | 34.9162 | 27.6109 |
| 903.000 | 5.1927 | 34.9070 | 27.5790 | 975.000 | 4.9820 | 34.9159 | 27.6108 |
| 904.000 | 5.1914 | 34.9069 | 27.5791 | 976.000 | 4.9782 | 34.9162 | 27.6116 |
| 905.000 | 5.1900 | 34.9071 | 27.5794 | 977.000 | 4.9757 | 34.9165 | 27.6121 |
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| 907.000 | 5.1855 | 34.9069 | 27.5799 | 979.000 | 4.9735 | 34.9164 | 27.6122 |
| 908.000 | 5.1813 | 34.9072 | 27.5806 | 980.000 | 4.9695 | 34.9164 | 27.6127 |
| 909.000 | 5.1783 | 34.9075 | 27.5811 | 981.000 | 4.9662 | 34.9168 | 27.6134 |
| 910.000 | 5.1774 | 34.9077 | 27.5814 | 982.000 | 4.9642 | 34.9171 | 27.6139 |
| 911.000 | 5.1758 | 34.9073 | 27.5813 | 983.000 | 4.9623 | 34.9171 | 27.6141 |
| 912.000 | 5.1705 | 34.9074 | 27.5820 | 984.000 | 4.9597 | 34.9171 | 27.6144 |
| 913.000 | 5.1663 | 34.9081 | 27.5831 | 985.000 | 4.9550 | 34.9171 | 27.6150 |
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| 915.000 | 5.1651 | 34.9079 | 27.5830 | 987.000 | 4.9454 | 34.9177 | 27.6165 |
| 916.000 | 5.1645 | 34.9080 | 27.5832 | 988.000 | 4.9426 | 34.9184 | 27.6175 |
| 917.000 | 5.1610 | 34.9081 | 27.5837 | 989.000 | 4.9420 | 34.9181 | 27.6173 |
| 918.000 | 5.1577 | 34.9080 | 27.5840 | 990.000 | 4.9393 | 34.9181 | 27.6176 |
| 919.000 | 5.1532 | 34.9084 | 27.5848 | 991.000 | 4.9347 | 34.9183 | 27.6183 |
| 920.000 | 5.1504 | 34.9087 | 27.5854 | 992.000 | 4.9328 | 34.9185 | 27.6186 |
| 921.000 | 5.1505 | 34.9085 | 27.5853 | 993.000 | 4.9304 | 34.9186 | 27.6190 |
| 922.000 | 5.1497 | 34.9087 | 27.5855 | 994.000 | 4.9280 | 34.9190 | 27.6196 |
| 923.000 | 5.1479 | 34.9085 | 27.5855 | 995.000 | 4.9272 | 34.9188 | 27.6195 |
| 924.000 | 5.1425 | 34.9087 | 27.5863 | 996.000 | 4.9257 | 34.9190 | 27.6198 |
| 925.000 | 5.1369 | 34.9092 | 27.5874 | 997.000 | 4.9242 | 34.9188 | 27.6198 |
| 926.000 | 5.1317 | 34.9094 | 27.5881 | 998.000 | 4.9222 | 34.9187 | 27.6200 |
| 927.000 | 5.1303 | 34.9097 | 27.5886 | 999.000 | 4.9192 | 34.9186 | 27.6203 |
| 928.000 | 5.1301 | 34.9096 | 27.5885 | 1000.000 | 4.9143 | 34.9194 | 27.6215 |
| 929.000 | 5.1295 | 34.9097 | 27.5886 | 1001.000 | 4.9112 | 34.9193 | 27.6218 |
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| 931.000 | 5.1167 | 34.9103 | 27.5906 | | | | |
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| 934.000 | 5.1049 | 34.9106 | 27.5923 | | | | |
| 935.000 | 5.0997 | 34.9106 | 27.5929 | | | | |
| 936.000 | 5.0940 | 34.9113 | 27.5941 | | | | |
| 937.000 | 5.0922 | 34.9116 | 27.5946 | | | | |
| 938.000 | 5.0874 | 34.9115 | 27.5950 | | | | |
| 939.000 | 5.0817 | 34.9114 | 27.5956 | | | | |



Cruise: 92G02
 Date: Tue Jan 28 1992, Julian day = 28
 Time: 00:33:29 GMT
 Lat: 25 14.937 N
 Lon: 90 44.980 W
 Stn. 06

| meters | temp | salinity | sigma-t |
|--------|---------|----------|---------|
| 3.000 | 22.2251 | 36.1518 | 25.0312 |
| 4.000 | 22.2258 | 36.1513 | 25.0306 |
| 5.000 | 22.2242 | 36.1498 | 25.0299 |
| 6.000 | 22.2288 | 36.1528 | 25.0309 |
| 7.000 | 22.2277 | 36.1526 | 25.0310 |
| 8.000 | 22.2267 | 36.1527 | 25.0314 |
| 9.000 | 22.2296 | 36.1543 | 25.0318 |
| 10.000 | 22.2295 | 36.1610 | 25.0369 |
| 11.000 | 22.2287 | 36.1615 | 25.0376 |
| 12.000 | 22.2279 | 36.1629 | 25.0388 |
| 13.000 | 22.2285 | 36.1651 | 25.0403 |
| 14.000 | 22.2307 | 36.1708 | 25.0440 |
| 15.000 | 22.2308 | 36.1714 | 25.0445 |
| 16.000 | 22.2307 | 36.1796 | 25.0507 |
| 17.000 | 22.2301 | 36.1819 | 25.0526 |
| 18.000 | 22.2281 | 36.1888 | 25.0584 |
| 19.000 | 22.2260 | 36.1951 | 25.0638 |
| 20.000 | 22.2194 | 36.2085 | 25.0759 |
| 21.000 | 22.2010 | 36.2182 | 25.0885 |
| 22.000 | 22.1817 | 36.2242 | 25.0985 |
| 23.000 | 22.1596 | 36.2299 | 25.1091 |
| 24.000 | 22.1400 | 36.2345 | 25.1181 |
| 25.000 | 22.1176 | 36.2398 | 25.1285 |
| 26.000 | 22.0978 | 36.2452 | 25.1382 |
| 27.000 | 22.0570 | 36.2608 | 25.1616 |
| 28.000 | 22.0399 | 36.2696 | 25.1731 |
| 29.000 | 22.0214 | 36.2812 | 25.1871 |
| 30.000 | 22.0025 | 36.2894 | 25.1988 |
| 31.000 | 21.9704 | 36.3038 | 25.2187 |
| 32.000 | 21.9721 | 36.3028 | 25.2175 |
| 33.000 | 21.9683 | 36.3043 | 25.2197 |
| 34.000 | 21.9633 | 36.3098 | 25.2253 |
| 35.000 | 21.9645 | 36.3137 | 25.2280 |
| 36.000 | 21.9658 | 36.3156 | 25.2290 |
| 37.000 | 21.9677 | 36.3181 | 25.2304 |
| 38.000 | 21.9687 | 36.3188 | 25.2306 |
| 39.000 | 21.9727 | 36.3213 | 25.2314 |
| 40.000 | 21.9726 | 36.3210 | 25.2312 |
| 41.000 | 21.9752 | 36.3227 | 25.2317 |
| 42.000 | 21.9766 | 36.3235 | 25.2319 |
| 43.000 | 21.9775 | 36.3241 | 25.2322 |
| 44.000 | 21.9779 | 36.3249 | 25.2327 |
| 45.000 | 21.9795 | 36.3273 | 25.2341 |
| 46.000 | 21.9829 | 36.3313 | 25.2362 |
| 47.000 | 21.9793 | 36.3317 | 25.2374 |
| 48.000 | 21.9765 | 36.3322 | 25.2386 |
| 49.000 | 21.9747 | 36.3325 | 25.2394 |
| 50.000 | 21.9706 | 36.3320 | 25.2401 |
| 51.000 | 21.9668 | 36.3320 | 25.2411 |
| 52.000 | 21.9631 | 36.3310 | 25.2415 |
| 53.000 | 21.9593 | 36.3309 | 25.2425 |
| 54.000 | 21.9490 | 36.3287 | 25.2437 |
| 55.000 | 21.9461 | 36.3295 | 25.2451 |
| 56.000 | 21.9464 | 36.3304 | 25.2457 |
| 57.000 | 21.9454 | 36.3306 | 25.2462 |
| 58.000 | 21.9438 | 36.3301 | 25.2462 |
| 59.000 | 21.9421 | 36.3299 | 25.2466 |
| 60.000 | 21.9414 | 36.3299 | 25.2468 |
| 61.000 | 21.9418 | 36.3294 | 25.2463 |
| 62.000 | 21.9412 | 36.3296 | 25.2465 |
| 63.000 | 21.9395 | 36.3288 | 25.2465 |
| 64.000 | 21.9388 | 36.3287 | 25.2466 |

| | | | |
|---------|---------|---------|---------|
| 65.000 | 21.9384 | 36.3286 | 25.2466 |
| 66.000 | 21.9381 | 36.3286 | 25.2466 |
| 67.000 | 21.9376 | 36.3286 | 25.2468 |
| 68.000 | 21.9369 | 36.3285 | 25.2470 |
| 69.000 | 21.9363 | 36.3284 | 25.2471 |
| 70.000 | 21.9353 | 36.3280 | 25.2470 |
| 71.000 | 21.9330 | 36.3280 | 25.2477 |
| 72.000 | 21.9326 | 36.3278 | 25.2476 |
| 73.000 | 21.9315 | 36.3279 | 25.2480 |
| 74.000 | 21.9312 | 36.3278 | 25.2480 |
| 75.000 | 21.9309 | 36.3277 | 25.2481 |
| 76.000 | 21.9298 | 36.3281 | 25.2486 |
| 77.000 | 21.9295 | 36.3279 | 25.2485 |
| 78.000 | 21.9287 | 36.3279 | 25.2488 |
| 79.000 | 21.9269 | 36.3280 | 25.2494 |
| 80.000 | 21.9259 | 36.3279 | 25.2496 |
| 81.000 | 21.9243 | 36.3282 | 25.2502 |
| 82.000 | 21.9225 | 36.3282 | 25.2508 |
| 83.000 | 21.9221 | 36.3284 | 25.2510 |
| 84.000 | 21.9222 | 36.3284 | 25.2510 |
| 85.000 | 21.9226 | 36.3283 | 25.2508 |
| 86.000 | 21.9226 | 36.3283 | 25.2508 |
| 87.000 | 21.9222 | 36.3285 | 25.2510 |
| 88.000 | 21.9204 | 36.3279 | 25.2512 |
| 89.000 | 21.9147 | 36.3283 | 25.2530 |
| 90.000 | 21.9110 | 36.3282 | 25.2540 |
| 91.000 | 21.9088 | 36.3280 | 25.2545 |
| 92.000 | 21.9068 | 36.3279 | 25.2550 |
| 93.000 | 21.9029 | 36.3276 | 25.2558 |
| 94.000 | 21.8966 | 36.3279 | 25.2578 |
| 95.000 | 21.8939 | 36.3280 | 25.2586 |
| 96.000 | 21.8926 | 36.3278 | 25.2588 |
| 97.000 | 21.8919 | 36.3277 | 25.2590 |
| 98.000 | 21.8905 | 36.3277 | 25.2594 |
| 99.000 | 21.8898 | 36.3276 | 25.2595 |
| 100.000 | 21.8892 | 36.3277 | 25.2597 |
| 101.000 | 21.8868 | 36.3273 | 25.2601 |
| 102.000 | 21.8857 | 36.3274 | 25.2605 |
| 103.000 | 21.8852 | 36.3273 | 25.2606 |
| 104.000 | 21.8844 | 36.3271 | 25.2606 |
| 105.000 | 21.8847 | 36.3271 | 25.2605 |
| 106.000 | 21.8846 | 36.3272 | 25.2607 |
| 107.000 | 21.8848 | 36.3270 | 25.2604 |
| 108.000 | 21.8845 | 36.3271 | 25.2606 |
| 109.000 | 21.8848 | 36.3270 | 25.2604 |
| 110.000 | 21.8847 | 36.3270 | 25.2605 |
| 111.000 | 21.8843 | 36.3268 | 25.2604 |
| 112.000 | 21.8836 | 36.3266 | 25.2605 |
| 113.000 | 21.8827 | 36.3267 | 25.2608 |
| 114.000 | 21.8832 | 36.3266 | 25.2606 |
| 115.000 | 21.8834 | 36.3268 | 25.2607 |
| 116.000 | 21.8830 | 36.3266 | 25.2606 |
| 117.000 | 21.8821 | 36.3266 | 25.2609 |
| 118.000 | 21.8823 | 36.3265 | 25.2608 |
| 119.000 | 21.8819 | 36.3263 | 25.2608 |
| 120.000 | 21.8813 | 36.3264 | 25.2610 |
| 121.000 | 21.8813 | 36.3265 | 25.2611 |
| 122.000 | 21.8807 | 36.3263 | 25.2611 |
| 123.000 | 21.8801 | 36.3265 | 25.2614 |
| 124.000 | 21.8794 | 36.3265 | 25.2616 |
| 125.000 | 21.8784 | 36.3265 | 25.2619 |
| 126.000 | 21.8746 | 36.3261 | 25.2627 |
| 127.000 | 21.8668 | 36.3269 | 25.2654 |
| 128.000 | 21.8687 | 36.3265 | 25.2646 |
| 129.000 | 21.8683 | 36.3265 | 25.2647 |
| 130.000 | 21.8680 | 36.3266 | 25.2649 |
| 131.000 | 21.8662 | 36.3267 | 25.2655 |
| 132.000 | 21.8494 | 36.3301 | 25.2728 |
| 133.000 | 21.5936 | 36.3853 | 25.3864 |
| 134.000 | 21.3807 | 36.4276 | 25.4776 |
| 135.000 | 21.2839 | 36.4362 | 25.5110 |
| 136.000 | 21.1544 | 36.4472 | 25.5551 |

| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 137.000 | 20.9648 | 36.4844 | 25.6356 | 209.000 | 17.4829 | 36.3516 | 26.4363 |
| 138.000 | 20.9271 | 36.4893 | 25.6496 | 210.000 | 17.4630 | 36.3456 | 26.4365 |
| 139.000 | 20.7120 | 36.4970 | 25.7141 | 211.000 | 17.4386 | 36.3415 | 26.4393 |
| 140.000 | 20.5213 | 36.5120 | 25.7771 | 212.000 | 17.3869 | 36.3310 | 26.4438 |
| 141.000 | 20.3315 | 36.5310 | 25.8428 | 213.000 | 17.3052 | 36.3254 | 26.4594 |
| 142.000 | 20.2289 | 36.5728 | 25.9022 | 214.000 | 17.2932 | 36.3178 | 26.4565 |
| 143.000 | 20.1559 | 36.5923 | 25.9367 | 215.000 | 17.2591 | 36.3121 | 26.4604 |
| 144.000 | 20.1193 | 36.6001 | 25.9524 | 216.000 | 17.2244 | 36.3069 | 26.4668 |
| 145.000 | 20.0392 | 36.6024 | 25.9755 | 217.000 | 17.1417 | 36.2974 | 26.4774 |
| 146.000 | 19.8786 | 36.5958 | 26.0131 | 218.000 | 17.1108 | 36.2884 | 26.4780 |
| 147.000 | 19.7230 | 36.5726 | 26.0366 | 219.000 | 17.0583 | 36.2796 | 26.4838 |
| 148.000 | 19.7145 | 36.6016 | 26.0609 | 220.000 | 17.0112 | 36.2760 | 26.4924 |
| 149.000 | 19.6638 | 36.6032 | 26.0755 | 221.000 | 16.9887 | 36.2725 | 26.4951 |
| 150.000 | 19.6086 | 36.6068 | 26.0928 | 222.000 | 16.9408 | 36.2649 | 26.5008 |
| 151.000 | 19.5640 | 36.6127 | 26.1090 | 223.000 | 16.9236 | 36.2599 | 26.5010 |
| 152.000 | 19.5401 | 36.6087 | 26.1122 | 224.000 | 16.8910 | 36.2562 | 26.5060 |
| 153.000 | 19.5002 | 36.6021 | 26.1176 | 225.000 | 16.8642 | 36.2542 | 26.5108 |
| 154.000 | 19.4563 | 36.6015 | 26.1286 | 226.000 | 16.8531 | 36.2526 | 26.5123 |
| 155.000 | 19.4278 | 36.6007 | 26.1354 | 227.000 | 16.8335 | 36.2467 | 26.5123 |
| 156.000 | 19.3949 | 36.5978 | 26.1418 | 228.000 | 16.8077 | 36.2415 | 26.5145 |
| 157.000 | 19.3748 | 36.5895 | 26.1407 | 229.000 | 16.7431 | 36.2357 | 26.5254 |
| 158.000 | 19.3099 | 36.5817 | 26.1517 | 230.000 | 16.7096 | 36.2294 | 26.5286 |
| 159.000 | 19.2350 | 36.5786 | 26.1688 | 231.000 | 16.6841 | 36.2248 | 26.5311 |
| 160.000 | 19.2007 | 36.5837 | 26.1816 | 232.000 | 16.6417 | 36.2182 | 26.5361 |
| 161.000 | 19.2168 | 36.5915 | 26.1833 | 233.000 | 16.5882 | 36.2101 | 26.5425 |
| 162.000 | 19.2113 | 36.5907 | 26.1841 | 234.000 | 16.5179 | 36.1998 | 26.5511 |
| 163.000 | 19.1728 | 36.5882 | 26.1922 | 235.000 | 16.4581 | 36.1931 | 26.5601 |
| 164.000 | 19.1571 | 36.5862 | 26.1948 | 236.000 | 16.4208 | 36.1869 | 26.5640 |
| 165.000 | 19.1372 | 36.5820 | 26.1967 | 237.000 | 16.3473 | 36.1760 | 26.5729 |
| 166.000 | 19.1103 | 36.5761 | 26.1992 | 238.000 | 16.3141 | 36.1714 | 26.5771 |
| 167.000 | 19.0669 | 36.5693 | 26.2051 | 239.000 | 16.2851 | 36.1644 | 26.5785 |
| 168.000 | 19.0112 | 36.5646 | 26.2159 | 240.000 | 16.2246 | 36.1563 | 26.5863 |
| 169.000 | 18.9647 | 36.5586 | 26.2233 | 241.000 | 16.1600 | 36.1458 | 26.5933 |
| 170.000 | 18.9347 | 36.5527 | 26.2265 | 242.000 | 16.1341 | 36.1422 | 26.5965 |
| 171.000 | 18.8956 | 36.5450 | 26.2306 | 243.000 | 16.1176 | 36.1411 | 26.5995 |
| 172.000 | 18.8151 | 36.5362 | 26.2445 | 244.000 | 16.0714 | 36.1334 | 26.6043 |
| 173.000 | 18.7801 | 36.5363 | 26.2536 | 245.000 | 16.0072 | 36.1224 | 26.6107 |
| 174.000 | 18.7358 | 36.5303 | 26.2602 | 246.000 | 15.9762 | 36.1166 | 26.6133 |
| 175.000 | 18.7021 | 36.5251 | 26.2649 | 247.000 | 15.8880 | 36.1043 | 26.6241 |
| 176.000 | 18.6515 | 36.5174 | 26.2719 | 248.000 | 15.8140 | 36.0952 | 26.6341 |
| 177.000 | 18.6138 | 36.5142 | 26.2791 | 249.000 | 15.7774 | 36.0871 | 26.6363 |
| 178.000 | 18.5869 | 36.5125 | 26.2846 | 250.000 | 15.7428 | 36.0813 | 26.6397 |
| 179.000 | 18.5715 | 36.5109 | 26.2873 | 251.000 | 15.6999 | 36.0749 | 26.6445 |
| 180.000 | 18.5318 | 36.5054 | 26.2931 | 252.000 | 15.6425 | 36.0650 | 26.6500 |
| 181.000 | 18.5037 | 36.5050 | 26.2999 | 253.000 | 15.5613 | 36.0502 | 26.6570 |
| 182.000 | 18.5005 | 36.5043 | 26.3002 | 254.000 | 15.4919 | 36.0394 | 26.6644 |
| 183.000 | 18.4774 | 36.5008 | 26.3034 | 255.000 | 15.4064 | 36.0289 | 26.6756 |
| 184.000 | 18.4609 | 36.4977 | 26.3052 | 256.000 | 15.3720 | 36.0243 | 26.6798 |
| 185.000 | 18.4330 | 36.4927 | 26.3084 | 257.000 | 15.3568 | 36.0204 | 26.6802 |
| 186.000 | 18.3912 | 36.4859 | 26.3137 | 258.000 | 15.3462 | 36.0185 | 26.6811 |
| 187.000 | 18.3646 | 36.4835 | 26.3186 | 259.000 | 15.3357 | 36.0156 | 26.6813 |
| 188.000 | 18.3441 | 36.4789 | 26.3203 | 260.000 | 15.2428 | 35.9982 | 26.6887 |
| 189.000 | 18.3229 | 36.4758 | 26.3232 | 261.000 | 15.1324 | 35.9910 | 26.7078 |
| 190.000 | 18.2966 | 36.4701 | 26.3255 | 262.000 | 15.1621 | 35.9888 | 26.6994 |
| 191.000 | 18.2584 | 36.4629 | 26.3296 | 263.000 | 15.1314 | 35.9798 | 26.6994 |
| 192.000 | 18.2276 | 36.4576 | 26.3332 | 264.000 | 15.0968 | 35.9791 | 26.7065 |
| 193.000 | 18.2006 | 36.4532 | 26.3366 | 265.000 | 15.0788 | 35.9760 | 26.7081 |
| 194.000 | 18.1383 | 36.4433 | 26.3447 | 266.000 | 15.0675 | 35.9716 | 26.7072 |
| 195.000 | 18.0882 | 36.4378 | 26.3529 | 267.000 | 15.0287 | 35.9644 | 26.7103 |
| 196.000 | 18.0697 | 36.4342 | 26.3548 | 268.000 | 14.9806 | 35.9556 | 26.7142 |
| 197.000 | 18.0499 | 36.4320 | 26.3580 | 269.000 | 14.9035 | 35.9481 | 26.7254 |
| 198.000 | 18.0233 | 36.4279 | 26.3615 | 270.000 | 14.8654 | 35.9382 | 26.7261 |
| 199.000 | 17.9771 | 36.4220 | 26.3685 | 271.000 | 14.8337 | 35.9355 | 26.7310 |
| 200.000 | 17.9448 | 36.4144 | 26.3707 | 272.000 | 14.8038 | 35.9320 | 26.7349 |
| 201.000 | 17.8823 | 36.4053 | 26.3792 | 273.000 | 14.7722 | 35.9271 | 26.7380 |
| 202.000 | 17.8399 | 36.4025 | 26.3875 | 274.000 | 14.7391 | 35.9205 | 26.7402 |
| 203.000 | 17.8148 | 36.3971 | 26.3896 | 275.000 | 14.7166 | 35.9157 | 26.7415 |
| 204.000 | 17.7635 | 36.3856 | 26.3935 | 276.000 | 14.6667 | 35.9080 | 26.7464 |
| 205.000 | 17.7083 | 36.3833 | 26.4053 | 277.000 | 14.6205 | 35.9023 | 26.7521 |
| 206.000 | 17.6611 | 36.3758 | 26.4111 | 278.000 | 14.5796 | 35.8949 | 26.7552 |
| 207.000 | 17.6059 | 36.3638 | 26.4155 | 279.000 | 14.5531 | 35.8900 | 26.7572 |
| 208.000 | 17.5297 | 36.3575 | 26.4293 | 280.000 | 14.5247 | 35.8859 | 26.7602 |

| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 281.000 | 14.4957 | 35.8829 | 26.7642 | 353.000 | 12.3416 | 35.5463 | 26.9479 |
| 282.000 | 14.4858 | 35.8775 | 26.7622 | 354.000 | 12.3031 | 35.5413 | 26.9515 |
| 283.000 | 14.4480 | 35.8720 | 26.7661 | 355.000 | 12.2654 | 35.5369 | 26.9554 |
| 284.000 | 14.4220 | 35.8708 | 26.7708 | 356.000 | 12.2481 | 35.5345 | 26.9570 |
| 285.000 | 14.4071 | 35.8669 | 26.7710 | 357.000 | 12.2330 | 35.5307 | 26.9570 |
| 286.000 | 14.3786 | 35.8619 | 26.7733 | 358.000 | 12.1984 | 35.5236 | 26.9582 |
| 287.000 | 14.3368 | 35.8560 | 26.7777 | 359.000 | 12.1583 | 35.5194 | 26.9627 |
| 288.000 | 14.2933 | 35.8504 | 26.7828 | 360.000 | 12.1249 | 35.5152 | 26.9659 |
| 289.000 | 14.2482 | 35.8396 | 26.7840 | 361.000 | 12.1031 | 35.5105 | 26.9664 |
| 290.000 | 14.2120 | 35.8377 | 26.7904 | 362.000 | 12.0352 | 35.5008 | 26.9720 |
| 291.000 | 14.1784 | 35.8322 | 26.7933 | 363.000 | 12.0000 | 35.4965 | 26.9755 |
| 292.000 | 14.1406 | 35.8250 | 26.7958 | 364.000 | 11.9937 | 35.4954 | 26.9758 |
| 293.000 | 14.1038 | 35.8212 | 26.8007 | 365.000 | 11.9920 | 35.4945 | 26.9755 |
| 294.000 | 14.0812 | 35.8191 | 26.8039 | 366.000 | 11.9888 | 35.4935 | 26.9753 |
| 295.000 | 14.0694 | 35.8168 | 26.8046 | 367.000 | 11.9847 | 35.4923 | 26.9751 |
| 296.000 | 14.0598 | 35.8147 | 26.8050 | 368.000 | 11.9760 | 35.4899 | 26.9750 |
| 297.000 | 14.0466 | 35.8111 | 26.8051 | 369.000 | 11.9661 | 35.4888 | 26.9760 |
| 298.000 | 14.0276 | 35.8077 | 26.8064 | 370.000 | 11.9650 | 35.4884 | 26.9759 |
| 299.000 | 13.9963 | 35.8028 | 26.8093 | 371.000 | 11.9398 | 35.4837 | 26.9770 |
| 300.000 | 13.9557 | 35.7961 | 26.8127 | 372.000 | 11.8928 | 35.4775 | 26.9812 |
| 301.000 | 13.9112 | 35.7901 | 26.8175 | 373.000 | 11.8618 | 35.4726 | 26.9834 |
| 302.000 | 13.8900 | 35.7855 | 26.8184 | 374.000 | 11.8455 | 35.4711 | 26.9853 |
| 303.000 | 13.8542 | 35.7823 | 26.8235 | 375.000 | 11.8288 | 35.4680 | 26.9861 |
| 304.000 | 13.8181 | 35.7712 | 26.8225 | 376.000 | 11.7997 | 35.4634 | 26.9881 |
| 305.000 | 13.7637 | 35.7682 | 26.8316 | 377.000 | 11.7711 | 35.4588 | 26.9899 |
| 306.000 | 13.7273 | 35.7619 | 26.8344 | 378.000 | 11.7420 | 35.4553 | 26.9927 |
| 307.000 | 13.6797 | 35.7578 | 26.8411 | 379.000 | 11.7202 | 35.4512 | 26.9936 |
| 308.000 | 13.6932 | 35.7577 | 26.8382 | 380.000 | 11.7039 | 35.4502 | 26.9959 |
| 309.000 | 13.6871 | 35.7539 | 26.8365 | 381.000 | 11.7033 | 35.4493 | 26.9953 |
| 310.000 | 13.6526 | 35.7431 | 26.8353 | 382.000 | 11.6823 | 35.4451 | 26.9961 |
| 311.000 | 13.5967 | 35.7415 | 26.8458 | 383.000 | 11.6134 | 35.4341 | 27.0005 |
| 312.000 | 13.5350 | 35.7277 | 26.8479 | 384.000 | 11.5436 | 35.4286 | 27.0093 |
| 313.000 | 13.5049 | 35.7287 | 26.8550 | 385.000 | 11.5221 | 35.4234 | 27.0093 |
| 314.000 | 13.4989 | 35.7275 | 26.8552 | 386.000 | 11.4893 | 35.4163 | 27.0099 |
| 315.000 | 13.4954 | 35.7259 | 26.8548 | 387.000 | 11.4449 | 35.4121 | 27.0150 |
| 316.000 | 13.4766 | 35.7213 | 26.8550 | 388.000 | 11.4112 | 35.4060 | 27.0166 |
| 317.000 | 13.4580 | 35.7176 | 26.8561 | 389.000 | 11.3780 | 35.4006 | 27.0185 |
| 318.000 | 13.4241 | 35.7152 | 26.8612 | 390.000 | 11.3460 | 35.3946 | 27.0198 |
| 319.000 | 13.4275 | 35.7130 | 26.8588 | 391.000 | 11.3167 | 35.3918 | 27.0230 |
| 320.000 | 13.4023 | 35.7088 | 26.8607 | 392.000 | 11.3048 | 35.3898 | 27.0237 |
| 321.000 | 13.3880 | 35.7084 | 26.8633 | 393.000 | 11.2938 | 35.3862 | 27.0230 |
| 322.000 | 13.3803 | 35.7065 | 26.8635 | 394.000 | 11.2779 | 35.3840 | 27.0242 |
| 323.000 | 13.3462 | 35.7004 | 26.8658 | 395.000 | 11.2629 | 35.3824 | 27.0257 |
| 324.000 | 13.3167 | 35.6956 | 26.8681 | 396.000 | 11.2510 | 35.3805 | 27.0264 |
| 325.000 | 13.2962 | 35.6949 | 26.8718 | 397.000 | 11.2396 | 35.3783 | 27.0268 |
| 326.000 | 13.2909 | 35.6935 | 26.8718 | 398.000 | 11.2173 | 35.3750 | 27.0283 |
| 327.000 | 13.2877 | 35.6923 | 26.8715 | 399.000 | 11.2059 | 35.3727 | 27.0286 |
| 328.000 | 13.2561 | 35.6836 | 26.8713 | 400.000 | 11.1865 | 35.3702 | 27.0303 |
| 329.000 | 13.2052 | 35.6811 | 26.8797 | 401.000 | 11.1678 | 35.3680 | 27.0320 |
| 330.000 | 13.1773 | 35.6752 | 26.8808 | 402.000 | 11.1561 | 35.3653 | 27.0320 |
| 331.000 | 13.1504 | 35.6706 | 26.8828 | 403.000 | 11.1399 | 35.3637 | 27.0338 |
| 332.000 | 13.1172 | 35.6668 | 26.8866 | 404.000 | 11.1188 | 35.3615 | 27.0359 |
| 333.000 | 13.0828 | 35.6613 | 26.8893 | 405.000 | 11.1053 | 35.3597 | 27.0370 |
| 334.000 | 13.0452 | 35.6543 | 26.8915 | 406.000 | 11.0791 | 35.3552 | 27.0383 |
| 335.000 | 13.0023 | 35.6476 | 26.8950 | 407.000 | 11.0536 | 35.3494 | 27.0385 |
| 336.000 | 12.9409 | 35.6397 | 26.9012 | 408.000 | 10.9956 | 35.3438 | 27.0447 |
| 337.000 | 12.8940 | 35.6328 | 26.9054 | 409.000 | 10.9719 | 35.3412 | 27.0470 |
| 338.000 | 12.8701 | 35.6286 | 26.9069 | 410.000 | 10.9387 | 35.3343 | 27.0476 |
| 339.000 | 12.8456 | 35.6243 | 26.9085 | 411.000 | 10.9131 | 35.3319 | 27.0504 |
| 340.000 | 12.7971 | 35.6180 | 26.9133 | 412.000 | 10.9060 | 35.3311 | 27.0510 |
| 341.000 | 12.7722 | 35.6134 | 26.9148 | 413.000 | 10.9037 | 35.3300 | 27.0506 |
| 342.000 | 12.7596 | 35.6125 | 26.9166 | 414.000 | 10.9016 | 35.3297 | 27.0508 |
| 343.000 | 12.7081 | 35.6042 | 26.9204 | 415.000 | 10.8994 | 35.3288 | 27.0505 |
| 344.000 | 12.6684 | 35.5982 | 26.9237 | 416.000 | 10.8849 | 35.3256 | 27.0506 |
| 345.000 | 12.6383 | 35.5893 | 26.9228 | 417.000 | 10.8431 | 35.3182 | 27.0524 |
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| 347.000 | 12.5572 | 35.5815 | 26.9327 | 419.000 | 10.7847 | 35.3108 | 27.0571 |
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| 349.000 | 12.4917 | 35.5694 | 26.9363 | 421.000 | 10.7076 | 35.3010 | 27.0633 |
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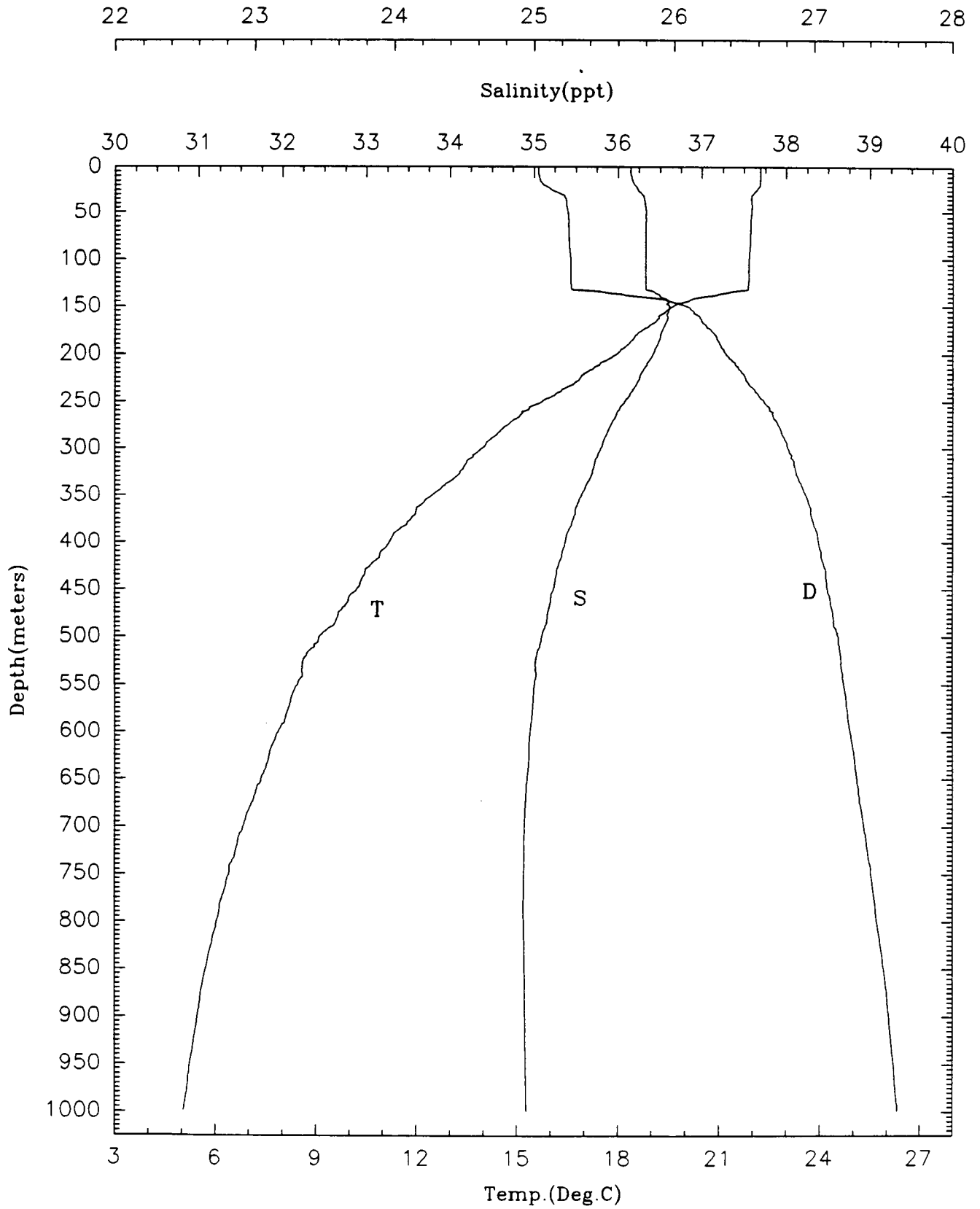
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|---------|---------|---------|---------|---------|--------|---------|---------|
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| 427.000 | 10.5481 | 35.2805 | 27.0758 | 499.000 | 9.1236 | 35.0942 | 27.1723 |
| 428.000 | 10.4882 | 35.2734 | 27.0808 | 500.000 | 9.1090 | 35.0924 | 27.1733 |
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| 433.000 | 10.4640 | 35.2681 | 27.0810 | 505.000 | 9.0685 | 35.0860 | 27.1748 |
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| 435.000 | 10.4530 | 35.2653 | 27.0808 | 507.000 | 9.0206 | 35.0752 | 27.1742 |
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| 437.000 | 10.4097 | 35.2585 | 27.0831 | 509.000 | 8.9535 | 35.0706 | 27.1813 |
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| 439.000 | 10.3660 | 35.2535 | 27.0868 | 511.000 | 8.9595 | 35.0719 | 27.1814 |
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| 445.000 | 10.3101 | 35.2445 | 27.0896 | 517.000 | 8.7397 | 35.0386 | 27.1904 |
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| 451.000 | 10.1962 | 35.2281 | 27.0967 | 523.000 | 8.6420 | 35.0252 | 27.1952 |
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| 460.000 | 9.9722 | 35.2015 | 27.1146 | 532.000 | 8.5894 | 35.0179 | 27.1978 |
| 461.000 | 9.9701 | 35.2005 | 27.1141 | 533.000 | 8.5968 | 35.0211 | 27.1991 |
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| 464.000 | 9.9370 | 35.1957 | 27.1160 | 536.000 | 8.5705 | 35.0193 | 27.2018 |
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| 467.000 | 9.8869 | 35.1897 | 27.1200 | 539.000 | 8.6018 | 35.0316 | 27.2066 |
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| 470.000 | 9.7968 | 35.1787 | 27.1267 | 542.000 | 8.5857 | 35.0274 | 27.2058 |
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| 476.000 | 9.6651 | 35.1628 | 27.1365 | 548.000 | 8.4669 | 35.0124 | 27.2126 |
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| 481.000 | 9.6154 | 35.1567 | 27.1401 | 553.000 | 8.3939 | 35.0067 | 27.2194 |
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| 490.000 | 9.4379 | 35.1302 | 27.1490 | 562.000 | 8.2842 | 34.9981 | 27.2296 |
| 491.000 | 9.3769 | 35.1279 | 27.1572 | 563.000 | 8.2767 | 34.9973 | 27.2301 |
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| 494.000 | 9.2894 | 35.1139 | 27.1607 | 566.000 | 8.2556 | 34.9958 | 27.2321 |
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| 496.000 | 9.2020 | 35.1058 | 27.1686 | 568.000 | 8.2444 | 34.9949 | 27.2331 |

| | | | | | | | |
|---------|--------|---------|---------|---------|--------|---------|---------|
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| 591.000 | 8.0450 | 34.9741 | 27.2470 | 663.000 | 7.2029 | 34.9123 | 27.3215 |
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| 713.000 | 6.6754 | 34.8854 | 27.3734 | 785.000 | 6.1275 | 34.8766 | 27.4390 |
| 714.000 | 6.6728 | 34.8850 | 27.3734 | 786.000 | 6.1254 | 34.8765 | 27.4392 |
| 715.000 | 6.6669 | 34.8842 | 27.3736 | 787.000 | 6.1235 | 34.8766 | 27.4395 |
| 716.000 | 6.6593 | 34.8846 | 27.3749 | 788.000 | 6.1206 | 34.8765 | 27.4398 |
| 717.000 | 6.6641 | 34.8869 | 27.3761 | 789.000 | 6.1158 | 34.8765 | 27.4404 |
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| 719.000 | 6.6492 | 34.8866 | 27.3779 | 791.000 | 6.1089 | 34.8768 | 27.4415 |
| 720.000 | 6.6436 | 34.8862 | 27.3783 | 792.000 | 6.1063 | 34.8768 | 27.4419 |
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| 725.000 | 6.6040 | 34.8868 | 27.3841 | 797.000 | 6.0724 | 34.8780 | 27.4472 |
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| 728.000 | 6.5843 | 34.8867 | 27.3867 | 800.000 | 6.0424 | 34.8777 | 27.4508 |
| 729.000 | 6.5786 | 34.8866 | 27.3874 | 801.000 | 6.0345 | 34.8793 | 27.4531 |
| 730.000 | 6.5755 | 34.8866 | 27.3878 | 802.000 | 6.0287 | 34.8791 | 27.4537 |
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| 735.000 | 6.5081 | 34.8838 | 27.3946 | 807.000 | 6.0125 | 34.8807 | 27.4571 |
| 736.000 | 6.4953 | 34.8842 | 27.3967 | 808.000 | 6.0030 | 34.8802 | 27.4579 |
| 737.000 | 6.4962 | 34.8838 | 27.3962 | 809.000 | 5.9885 | 34.8805 | 27.4600 |
| 738.000 | 6.4901 | 34.8830 | 27.3964 | 810.000 | 5.9785 | 34.8815 | 27.4620 |
| 739.000 | 6.4616 | 34.8832 | 27.4004 | 811.000 | 5.9740 | 34.8813 | 27.4624 |
| 740.000 | 6.4505 | 34.8835 | 27.4020 | 812.000 | 5.9693 | 34.8812 | 27.4630 |
| 741.000 | 6.4361 | 34.8830 | 27.4036 | 813.000 | 5.9547 | 34.8812 | 27.4648 |
| 742.000 | 6.4221 | 34.8834 | 27.4058 | 814.000 | 5.9504 | 34.8817 | 27.4657 |
| 743.000 | 6.4170 | 34.8832 | 27.4063 | 815.000 | 5.9396 | 34.8800 | 27.4658 |
| 744.000 | 6.4148 | 34.8830 | 27.4064 | 816.000 | 5.9192 | 34.8826 | 27.4705 |
| 745.000 | 6.4142 | 34.8830 | 27.4065 | 817.000 | 5.9168 | 34.8823 | 27.4705 |
| 746.000 | 6.4134 | 34.8827 | 27.4064 | 818.000 | 5.9147 | 34.8825 | 27.4709 |
| 747.000 | 6.4130 | 34.8825 | 27.4063 | 819.000 | 5.9133 | 34.8826 | 27.4712 |
| 748.000 | 6.4115 | 34.8824 | 27.4064 | 820.000 | 5.9113 | 34.8829 | 27.4717 |
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| 760.000 | 6.3185 | 34.8813 | 27.4178 | 832.000 | 5.8245 | 34.8842 | 27.4836 |
| 761.000 | 6.3161 | 34.8811 | 27.4179 | 833.000 | 5.8140 | 34.8847 | 27.4854 |
| 762.000 | 6.3136 | 34.8815 | 27.4186 | 834.000 | 5.8107 | 34.8846 | 27.4857 |
| 763.000 | 6.3113 | 34.8814 | 27.4188 | 835.000 | 5.8026 | 34.8850 | 27.4871 |
| 764.000 | 6.3062 | 34.8809 | 27.4191 | 836.000 | 5.7975 | 34.8853 | 27.4880 |
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| 766.000 | 6.2863 | 34.8811 | 27.4218 | 838.000 | 5.7843 | 34.8856 | 27.4899 |
| 767.000 | 6.2767 | 34.8811 | 27.4231 | 839.000 | 5.7807 | 34.8858 | 27.4905 |
| 768.000 | 6.2687 | 34.8808 | 27.4239 | 840.000 | 5.7719 | 34.8860 | 27.4917 |
| 769.000 | 6.2610 | 34.8806 | 27.4248 | 841.000 | 5.7677 | 34.8862 | 27.4924 |
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| 774.000 | 6.2086 | 34.8794 | 27.4307 | 846.000 | 5.7490 | 34.8866 | 27.4950 |
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| 778.000 | 6.1655 | 34.8778 | 27.4350 | 850.000 | 5.7147 | 34.8869 | 27.4996 |
| 779.000 | 6.1608 | 34.8770 | 27.4350 | 851.000 | 5.7076 | 34.8875 | 27.5009 |
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| | | | | | | | |
|---------|--------|---------|---------|----------|--------|---------|---------|
| 857.000 | 5.6715 | 34.8882 | 27.5060 | 929.000 | 5.3391 | 34.8990 | 27.5552 |
| 858.000 | 5.6640 | 34.8887 | 27.5073 | 930.000 | 5.3356 | 34.8991 | 27.5557 |
| 859.000 | 5.6610 | 34.8886 | 27.5076 | 931.000 | 5.3311 | 34.8992 | 27.5563 |
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| 861.000 | 5.6426 | 34.8892 | 27.5104 | 933.000 | 5.3254 | 34.8993 | 27.5571 |
| 862.000 | 5.6368 | 34.8895 | 27.5113 | 934.000 | 5.3231 | 34.8996 | 27.5576 |
| 863.000 | 5.6333 | 34.8896 | 27.5118 | 935.000 | 5.3214 | 34.8995 | 27.5577 |
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| 867.000 | 5.6198 | 34.8896 | 27.5135 | 939.000 | 5.2976 | 34.9006 | 27.5615 |
| 868.000 | 5.6146 | 34.8894 | 27.5140 | 940.000 | 5.2950 | 34.9004 | 27.5616 |
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| 870.000 | 5.5980 | 34.8904 | 27.5168 | 942.000 | 5.2819 | 34.9005 | 27.5633 |
| 871.000 | 5.5906 | 34.8905 | 27.5178 | 943.000 | 5.2771 | 34.9017 | 27.5648 |
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| 873.000 | 5.5741 | 34.8910 | 27.5202 | 945.000 | 5.2643 | 34.9018 | 27.5664 |
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| 895.000 | 5.4922 | 34.8932 | 27.5320 | 967.000 | 5.1806 | 34.9050 | 27.5789 |
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| 914.000 | 5.4087 | 34.8966 | 27.5449 | 986.000 | 5.1060 | 34.9082 | 27.5902 |
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| 918.000 | 5.3930 | 34.8970 | 27.5471 | 990.000 | 5.0909 | 34.9090 | 27.5926 |
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| 923.000 | 5.3623 | 34.8981 | 27.5517 | 995.000 | 5.0645 | 34.9103 | 27.5968 |
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| 926.000 | 5.3547 | 34.8985 | 27.5529 | 998.000 | 5.0507 | 34.9108 | 27.5988 |
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| 928.000 | 5.3427 | 34.8987 | 27.5545 | 1000.000 | 5.0465 | 34.9110 | 27.5994 |

| | | | |
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| 1001.000 | 5.0456 | 34.9109 | 27.5994 |
| 1002.000 | 5.0427 | 34.9109 | 27.5998 |
| 1003.000 | 5.0360 | 34.9112 | 27.6008 |
| 1004.000 | 5.0353 | 34.9112 | 27.6009 |
| 1005.000 | 5.0323 | 34.9112 | 27.6013 |
| 1006.000 | 5.0316 | 34.9112 | 27.6013 |



Cruise: 92G02
 Date: Tue Jan 28 1992, Julian day = 28
 Time: 11:41:38 GMT
 Lat: 25 44.978 N
 Lon: 91 34.801 W
 Stn. 08

| meters | temp | salinity | sigma-t | | | | |
|--------|---------|----------|---------|---------|---------|---------|---------|
| 1.000 | 23.1930 | 36.3726 | 24.9206 | 64.000 | 23.1722 | 36.4039 | 24.9503 |
| 2.000 | 23.2138 | 36.3734 | 24.9151 | 65.000 | 23.1696 | 36.4034 | 24.9507 |
| 3.000 | 23.2106 | 36.3731 | 24.9157 | 66.000 | 23.1670 | 36.4032 | 24.9513 |
| 4.000 | 23.2112 | 36.3740 | 24.9163 | 67.000 | 23.1627 | 36.3992 | 24.9495 |
| 5.000 | 23.2190 | 36.3767 | 24.9160 | 68.000 | 23.1585 | 36.4062 | 24.9561 |
| 6.000 | 23.2355 | 36.3831 | 24.9161 | 69.000 | 23.1588 | 36.4065 | 24.9562 |
| 7.000 | 23.2430 | 36.3884 | 24.9180 | 70.000 | 23.1589 | 36.4074 | 24.9569 |
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| 9.000 | 23.2623 | 36.4035 | 24.9238 | 72.000 | 23.1596 | 36.4108 | 24.9592 |
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| 11.000 | 23.2581 | 36.4084 | 24.9287 | 74.000 | 23.1598 | 36.4100 | 24.9586 |
| 12.000 | 23.2532 | 36.4083 | 24.9300 | 75.000 | 23.1599 | 36.4102 | 24.9587 |
| 13.000 | 23.2514 | 36.4084 | 24.9306 | 76.000 | 23.1604 | 36.4103 | 24.9587 |
| 14.000 | 23.2516 | 36.4087 | 24.9308 | 77.000 | 23.1610 | 36.4106 | 24.9587 |
| 15.000 | 23.2501 | 36.4085 | 24.9311 | 78.000 | 23.1606 | 36.4104 | 24.9587 |
| 16.000 | 23.2475 | 36.4082 | 24.9316 | 79.000 | 23.1612 | 36.4104 | 24.9585 |
| 17.000 | 23.2448 | 36.4083 | 24.9325 | 80.000 | 23.1617 | 36.4105 | 24.9584 |
| 18.000 | 23.2408 | 36.4087 | 24.9340 | 81.000 | 23.1618 | 36.4108 | 24.9586 |
| 19.000 | 23.2388 | 36.4082 | 24.9342 | 82.000 | 23.1621 | 36.4108 | 24.9585 |
| 20.000 | 23.2376 | 36.4083 | 24.9346 | 83.000 | 23.1626 | 36.4109 | 24.9584 |
| 21.000 | 23.2363 | 36.4082 | 24.9349 | 84.000 | 23.1628 | 36.4107 | 24.9583 |
| 22.000 | 23.2350 | 36.4083 | 24.9354 | 85.000 | 23.1627 | 36.4108 | 24.9584 |
| 23.000 | 23.2330 | 36.4081 | 24.9358 | 86.000 | 23.1632 | 36.4113 | 24.9586 |
| 24.000 | 23.2312 | 36.4080 | 24.9363 | 87.000 | 23.1635 | 36.4115 | 24.9586 |
| 25.000 | 23.2290 | 36.4081 | 24.9369 | 88.000 | 23.1645 | 36.4118 | 24.9586 |
| 26.000 | 23.2268 | 36.4077 | 24.9373 | 89.000 | 23.1646 | 36.4124 | 24.9590 |
| 27.000 | 23.2236 | 36.4073 | 24.9379 | 90.000 | 23.1658 | 36.4126 | 24.9588 |
| 28.000 | 23.2202 | 36.4068 | 24.9385 | 91.000 | 23.1666 | 36.4125 | 24.9585 |
| 29.000 | 23.2173 | 36.4063 | 24.9390 | 92.000 | 23.1667 | 36.4124 | 24.9584 |
| 30.000 | 23.2159 | 36.4062 | 24.9393 | 93.000 | 23.1662 | 36.4126 | 24.9587 |
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| 35.000 | 23.2073 | 36.4058 | 24.9416 | 98.000 | 23.1683 | 36.4125 | 24.9580 |
| 36.000 | 23.2035 | 36.4057 | 24.9426 | 99.000 | 23.1686 | 36.4122 | 24.9577 |
| 37.000 | 23.2003 | 36.4053 | 24.9432 | 100.000 | 23.1689 | 36.4124 | 24.9578 |
| 38.000 | 23.1988 | 36.4050 | 24.9435 | 101.000 | 23.1693 | 36.4127 | 24.9579 |
| 39.000 | 23.1972 | 36.4049 | 24.9438 | 102.000 | 23.1693 | 36.4126 | 24.9578 |
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| 47.000 | 23.1862 | 36.4065 | 24.9483 | 110.000 | 23.1714 | 36.4125 | 24.9571 |
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| 50.000 | 23.1840 | 36.4061 | 24.9486 | 113.000 | 23.1717 | 36.4125 | 24.9571 |
| 51.000 | 23.1836 | 36.4064 | 24.9489 | 114.000 | 23.1713 | 36.4129 | 24.9575 |
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| 54.000 | 23.1825 | 36.4060 | 24.9489 | 117.000 | 23.1707 | 36.4123 | 24.9571 |
| 55.000 | 23.1803 | 36.4058 | 24.9494 | 118.000 | 23.1710 | 36.4124 | 24.9571 |
| 56.000 | 23.1781 | 36.4055 | 24.9499 | 119.000 | 23.1731 | 36.4133 | 24.9572 |
| 57.000 | 23.1781 | 36.4053 | 24.9497 | 120.000 | 23.1752 | 36.4136 | 24.9568 |
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| 60.000 | 23.1784 | 36.4050 | 24.9494 | 123.000 | 23.1764 | 36.4139 | 24.9567 |
| 61.000 | 23.1780 | 36.4050 | 24.9495 | 124.000 | 23.1772 | 36.4140 | 24.9566 |
| 62.000 | 23.1775 | 36.4048 | 24.9495 | 125.000 | 23.1786 | 36.4136 | 24.9558 |
| 63.000 | 23.1757 | 36.4044 | 24.9497 | 126.000 | 23.1786 | 36.4144 | 24.9565 |
| | | | | 127.000 | 23.1786 | 36.4141 | 24.9563 |
| | | | | 128.000 | 23.1784 | 36.4138 | 24.9561 |
| | | | | 129.000 | 23.1784 | 36.4137 | 24.9560 |
| | | | | 130.000 | 23.1766 | 36.4133 | 24.9562 |
| | | | | 131.000 | 23.1768 | 36.4132 | 24.9561 |
| | | | | 132.000 | 23.1770 | 36.4133 | 24.9561 |
| | | | | 133.000 | 23.1807 | 36.4142 | 24.9557 |
| | | | | 134.000 | 23.1806 | 36.4146 | 24.9560 |
| | | | | 135.000 | 23.1810 | 36.4150 | 24.9562 |

| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 136.000 | 23.1816 | 36.4147 | 24.9558 | 208.000 | 18.7930 | 36.5363 | 26.2503 |
| 137.000 | 23.1813 | 36.4145 | 24.9557 | 209.000 | 18.7698 | 36.5331 | 26.2538 |
| 138.000 | 23.1813 | 36.4143 | 24.9556 | 210.000 | 18.7418 | 36.5337 | 26.2614 |
| 139.000 | 23.1818 | 36.4152 | 24.9561 | 211.000 | 18.7060 | 36.5262 | 26.2647 |
| 140.000 | 23.1817 | 36.4165 | 24.9571 | 212.000 | 18.6605 | 36.5249 | 26.2753 |
| 141.000 | 23.1796 | 36.4167 | 24.9579 | 213.000 | 18.6364 | 36.5218 | 26.2791 |
| 142.000 | 23.1772 | 36.4172 | 24.9589 | 214.000 | 18.6027 | 36.5159 | 26.2832 |
| 143.000 | 23.1768 | 36.4172 | 24.9591 | 215.000 | 18.5376 | 36.5065 | 26.2925 |
| 144.000 | 23.1757 | 36.4173 | 24.9595 | 216.000 | 18.5087 | 36.5008 | 26.2955 |
| 145.000 | 23.1664 | 36.4209 | 24.9650 | 217.000 | 18.4726 | 36.4949 | 26.3001 |
| 146.000 | 23.1530 | 36.4260 | 24.9727 | 218.000 | 18.4275 | 36.4894 | 26.3073 |
| 147.000 | 22.8322 | 36.4704 | 25.0994 | 219.000 | 18.4018 | 36.4864 | 26.3115 |
| 148.000 | 22.1576 | 36.4800 | 25.2999 | 220.000 | 18.3857 | 36.4860 | 26.3152 |
| 149.000 | 21.8899 | 36.5037 | 25.3934 | 221.000 | 18.3518 | 36.4785 | 26.3180 |
| 150.000 | 21.7191 | 36.5228 | 25.4559 | 222.000 | 18.2550 | 36.4642 | 26.3314 |
| 151.000 | 21.6871 | 36.5276 | 25.4685 | 223.000 | 18.2221 | 36.4581 | 26.3350 |
| 152.000 | 21.6803 | 36.5265 | 25.4695 | 224.000 | 18.1903 | 36.4512 | 26.3376 |
| 153.000 | 21.6299 | 36.5239 | 25.4817 | 225.000 | 18.1419 | 36.4447 | 26.3448 |
| 154.000 | 21.5605 | 36.5325 | 25.5076 | 226.000 | 18.0957 | 36.4382 | 26.3514 |
| 155.000 | 21.4504 | 36.5387 | 25.5429 | 227.000 | 18.0911 | 36.4369 | 26.3515 |
| 156.000 | 21.3932 | 36.5396 | 25.5595 | 228.000 | 18.0801 | 36.4345 | 26.3524 |
| 157.000 | 21.3656 | 36.5454 | 25.5716 | 229.000 | 18.0364 | 36.4270 | 26.3576 |
| 158.000 | 21.2982 | 36.5444 | 25.5895 | 230.000 | 17.9984 | 36.4224 | 26.3635 |
| 159.000 | 21.1674 | 36.5519 | 25.6313 | 231.000 | 17.9737 | 36.4176 | 26.3659 |
| 160.000 | 21.1743 | 36.5767 | 25.6483 | 232.000 | 17.9354 | 36.4113 | 26.3706 |
| 161.000 | 21.1221 | 36.5696 | 25.6573 | 233.000 | 17.8852 | 36.4058 | 26.3788 |
| 162.000 | 21.0134 | 36.5619 | 25.6813 | 234.000 | 17.8446 | 36.4022 | 26.3862 |
| 163.000 | 21.0095 | 36.5656 | 25.6851 | 235.000 | 17.7970 | 36.3922 | 26.3903 |
| 164.000 | 20.9850 | 36.5774 | 25.7009 | 236.000 | 17.7251 | 36.3794 | 26.3982 |
| 165.000 | 20.9397 | 36.5961 | 25.7275 | 237.000 | 17.6221 | 36.3688 | 26.4154 |
| 166.000 | 20.8819 | 36.6092 | 25.7533 | 238.000 | 17.5686 | 36.3699 | 26.4294 |
| 167.000 | 20.8987 | 36.6331 | 25.7669 | 239.000 | 17.5586 | 36.3683 | 26.4306 |
| 168.000 | 20.8688 | 36.6405 | 25.7807 | 240.000 | 17.5193 | 36.3568 | 26.4314 |
| 169.000 | 20.8027 | 36.6524 | 25.8079 | 241.000 | 17.4644 | 36.3473 | 26.4375 |
| 170.000 | 20.6318 | 36.6385 | 25.8437 | 242.000 | 17.4023 | 36.3438 | 26.4499 |
| 171.000 | 20.5429 | 36.6339 | 25.8643 | 243.000 | 17.3933 | 36.3423 | 26.4510 |
| 172.000 | 20.5385 | 36.6388 | 25.8693 | 244.000 | 17.3114 | 36.3295 | 26.4610 |
| 173.000 | 20.4018 | 36.6100 | 25.8842 | 245.000 | 17.2652 | 36.3210 | 26.4658 |
| 174.000 | 20.2634 | 36.6031 | 25.9161 | 246.000 | 17.2001 | 36.3148 | 26.4767 |
| 175.000 | 20.2257 | 36.6047 | 25.9274 | 247.000 | 17.1870 | 36.3088 | 26.4753 |
| 176.000 | 20.1479 | 36.6012 | 25.9455 | 248.000 | 17.1418 | 36.2935 | 26.4744 |
| 177.000 | 20.0850 | 36.6021 | 25.9631 | 249.000 | 17.0439 | 36.2843 | 26.4909 |
| 178.000 | 20.0461 | 36.6249 | 25.9908 | 250.000 | 16.9821 | 36.2724 | 26.4966 |
| 179.000 | 19.9877 | 36.6281 | 26.0088 | 251.000 | 16.9437 | 36.2676 | 26.5021 |
| 180.000 | 19.9194 | 36.6319 | 26.0299 | 252.000 | 16.9171 | 36.2618 | 26.5041 |
| 181.000 | 19.8752 | 36.6239 | 26.0355 | 253.000 | 16.8509 | 36.2563 | 26.5156 |
| 182.000 | 19.8363 | 36.6230 | 26.0451 | 254.000 | 16.8175 | 36.2508 | 26.5193 |
| 183.000 | 19.8140 | 36.6200 | 26.0487 | 255.000 | 16.8066 | 36.2495 | 26.5209 |
| 184.000 | 19.7101 | 36.6023 | 26.0626 | 256.000 | 16.7994 | 36.2488 | 26.5221 |
| 185.000 | 19.6274 | 36.6006 | 26.0830 | 257.000 | 16.7870 | 36.2441 | 26.5215 |
| 186.000 | 19.5976 | 36.5986 | 26.0893 | 258.000 | 16.7267 | 36.2343 | 26.5282 |
| 187.000 | 19.5902 | 36.5971 | 26.0901 | 259.000 | 16.6946 | 36.2331 | 26.5350 |
| 188.000 | 19.5874 | 36.5946 | 26.0890 | 260.000 | 16.6587 | 36.2287 | 26.5401 |
| 189.000 | 19.4710 | 36.5828 | 26.1105 | 261.000 | 16.6239 | 36.2231 | 26.5440 |
| 190.000 | 19.4349 | 36.6106 | 26.1411 | 262.000 | 16.6012 | 36.2186 | 26.5459 |
| 191.000 | 19.4393 | 36.6202 | 26.1473 | 263.000 | 16.5699 | 36.2148 | 26.5504 |
| 192.000 | 19.4285 | 36.6207 | 26.1506 | 264.000 | 16.5476 | 36.2117 | 26.5533 |
| 193.000 | 19.3976 | 36.6185 | 26.1569 | 265.000 | 16.5187 | 36.2084 | 26.5575 |
| 194.000 | 19.3711 | 36.6161 | 26.1620 | 266.000 | 16.5093 | 36.2063 | 26.5581 |
| 195.000 | 19.3606 | 36.6136 | 26.1628 | 267.000 | 16.4861 | 36.2020 | 26.5603 |
| 196.000 | 19.3531 | 36.6118 | 26.1634 | 268.000 | 16.4290 | 36.1902 | 26.5646 |
| 197.000 | 19.3343 | 36.6057 | 26.1636 | 269.000 | 16.3919 | 36.1857 | 26.5699 |
| 198.000 | 19.2230 | 36.5897 | 26.1804 | 270.000 | 16.3491 | 36.1811 | 26.5764 |
| 199.000 | 19.1645 | 36.5797 | 26.1879 | 271.000 | 16.3071 | 36.1754 | 26.5818 |
| 200.000 | 19.1356 | 36.5753 | 26.1920 | 272.000 | 16.2576 | 36.1612 | 26.5824 |
| 201.000 | 19.1107 | 36.5695 | 26.1940 | 273.000 | 16.2036 | 36.1551 | 26.5903 |
| 202.000 | 19.0705 | 36.5657 | 26.2014 | 274.000 | 16.1807 | 36.1517 | 26.5930 |
| 203.000 | 18.9889 | 36.5506 | 26.2110 | 275.000 | 16.1570 | 36.1478 | 26.5955 |
| 204.000 | 18.9357 | 36.5488 | 26.2232 | 276.000 | 16.1032 | 36.1348 | 26.5979 |
| 205.000 | 18.8854 | 36.5427 | 26.2315 | 277.000 | 16.0328 | 36.1268 | 26.6081 |
| 206.000 | 18.8280 | 36.5357 | 26.2408 | 278.000 | 15.9991 | 36.1221 | 26.6123 |
| 207.000 | 18.7918 | 36.5348 | 26.2494 | 279.000 | 15.9594 | 36.1152 | 26.6161 |

| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 280.000 | 15.9155 | 36.1063 | 26.6194 | 352.000 | 13.2413 | 35.6837 | 26.8744 |
| 281.000 | 15.8615 | 36.0966 | 26.6243 | 353.000 | 13.2312 | 35.6818 | 26.8750 |
| 282.000 | 15.7435 | 36.0823 | 26.6403 | 354.000 | 13.2264 | 35.6807 | 26.8751 |
| 283.000 | 15.6770 | 36.0701 | 26.6461 | 355.000 | 13.2260 | 35.6810 | 26.8754 |
| 284.000 | 15.6536 | 36.0656 | 26.6479 | 356.000 | 13.2217 | 35.6787 | 26.8745 |
| 285.000 | 15.6048 | 36.0540 | 26.6501 | 357.000 | 13.1941 | 35.6743 | 26.8767 |
| 286.000 | 15.5436 | 36.0499 | 26.6608 | 358.000 | 13.1411 | 35.6637 | 26.8793 |
| 287.000 | 15.5169 | 36.0429 | 26.6614 | 359.000 | 13.0933 | 35.6595 | 26.8857 |
| 288.000 | 15.4851 | 36.0388 | 26.6655 | 360.000 | 13.0557 | 35.6563 | 26.8909 |
| 289.000 | 15.4572 | 36.0342 | 26.6682 | 361.000 | 13.0084 | 35.6452 | 26.8919 |
| 290.000 | 15.4204 | 36.0277 | 26.6715 | 362.000 | 12.9292 | 35.6354 | 26.9003 |
| 291.000 | 15.4016 | 36.0247 | 26.6734 | 363.000 | 12.8746 | 35.6281 | 26.9056 |
| 292.000 | 15.3399 | 36.0130 | 26.6783 | 364.000 | 12.8412 | 35.6240 | 26.9092 |
| 293.000 | 15.2865 | 36.0074 | 26.6859 | 365.000 | 12.8151 | 35.6180 | 26.9097 |
| 294.000 | 15.2588 | 36.0022 | 26.6881 | 366.000 | 12.7884 | 35.6156 | 26.9132 |
| 295.000 | 15.2164 | 35.9953 | 26.6923 | 367.000 | 12.7841 | 35.6146 | 26.9133 |
| 296.000 | 15.1775 | 35.9860 | 26.6938 | 368.000 | 12.7626 | 35.6109 | 26.9147 |
| 297.000 | 15.1127 | 35.9755 | 26.7002 | 369.000 | 12.7469 | 35.6070 | 26.9149 |
| 298.000 | 15.0391 | 35.9657 | 26.7089 | 370.000 | 12.7285 | 35.6050 | 26.9170 |
| 299.000 | 14.9553 | 35.9571 | 26.7209 | 371.000 | 12.7113 | 35.6021 | 26.9182 |
| 300.000 | 14.9050 | 35.9476 | 26.7247 | 372.000 | 12.6896 | 35.6002 | 26.9210 |
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| 302.000 | 14.8787 | 35.9429 | 26.7269 | 374.000 | 12.6488 | 35.5930 | 26.9235 |
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| 304.000 | 14.8271 | 35.9337 | 26.7311 | 376.000 | 12.5835 | 35.5848 | 26.9301 |
| 305.000 | 14.7955 | 35.9265 | 26.7325 | 377.000 | 12.5103 | 35.5743 | 26.9365 |
| 306.000 | 14.7320 | 35.9160 | 26.7383 | 378.000 | 12.5112 | 35.5758 | 26.9375 |
| 307.000 | 14.6717 | 35.9108 | 26.7475 | 379.000 | 12.5060 | 35.5727 | 26.9361 |
| 308.000 | 14.6318 | 35.9046 | 26.7514 | 380.000 | 12.4481 | 35.5655 | 26.9419 |
| 309.000 | 14.5889 | 35.8969 | 26.7548 | 381.000 | 12.4341 | 35.5631 | 26.9428 |
| 310.000 | 14.5535 | 35.8913 | 26.7582 | 382.000 | 12.4317 | 35.5625 | 26.9427 |
| 311.000 | 14.4823 | 35.8791 | 26.7642 | 383.000 | 12.4165 | 35.5569 | 26.9414 |
| 312.000 | 14.4367 | 35.8728 | 26.7691 | 384.000 | 12.3810 | 35.5544 | 26.9464 |
| 313.000 | 14.4091 | 35.8683 | 26.7717 | 385.000 | 12.3617 | 35.5513 | 26.9479 |
| 314.000 | 14.3808 | 35.8657 | 26.7758 | 386.000 | 12.3511 | 35.5482 | 26.9475 |
| 315.000 | 14.3643 | 35.8621 | 26.7765 | 387.000 | 12.3069 | 35.5384 | 26.9486 |
| 316.000 | 14.3330 | 35.8546 | 26.7775 | 388.000 | 12.2495 | 35.5370 | 26.9587 |
| 317.000 | 14.2841 | 35.8497 | 26.7842 | 389.000 | 12.2332 | 35.5318 | 26.9578 |
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| 320.000 | 14.2235 | 35.8405 | 26.7901 | 392.000 | 12.1803 | 35.5249 | 26.9627 |
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| 322.000 | 14.1970 | 35.8353 | 26.7918 | 394.000 | 12.1451 | 35.5182 | 26.9643 |
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| 325.000 | 14.0584 | 35.8156 | 26.8060 | 397.000 | 12.0817 | 35.5073 | 26.9681 |
| 326.000 | 14.0413 | 35.8115 | 26.8065 | 398.000 | 12.0500 | 35.5030 | 26.9709 |
| 327.000 | 13.9918 | 35.8016 | 26.8093 | 399.000 | 12.0270 | 35.5016 | 26.9743 |
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| 331.000 | 13.8208 | 35.7774 | 26.8267 | 403.000 | 11.9470 | 35.4909 | 26.9813 |
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| 339.000 | 13.5695 | 35.7398 | 26.8502 | 411.000 | 11.8355 | 35.4717 | 26.9876 |
| 340.000 | 13.5692 | 35.7386 | 26.8493 | 412.000 | 11.8239 | 35.4705 | 26.9889 |
| 341.000 | 13.5606 | 35.7365 | 26.8494 | 413.000 | 11.8012 | 35.4668 | 26.9904 |
| 342.000 | 13.5339 | 35.7275 | 26.8480 | 414.000 | 11.7531 | 35.4593 | 26.9938 |
| 343.000 | 13.4663 | 35.7251 | 26.8601 | 415.000 | 11.7216 | 35.4552 | 26.9965 |
| 344.000 | 13.4616 | 35.7183 | 26.8559 | 416.000 | 11.6872 | 35.4496 | 26.9986 |
| 345.000 | 13.4373 | 35.7166 | 26.8595 | 417.000 | 11.6566 | 35.4465 | 27.0020 |
| 346.000 | 13.4113 | 35.7125 | 26.8617 | 418.000 | 11.6399 | 35.4423 | 27.0019 |
| 347.000 | 13.3760 | 35.7047 | 26.8630 | 419.000 | 11.6156 | 35.4374 | 27.0027 |
| 348.000 | 13.3560 | 35.7016 | 26.8647 | 420.000 | 11.5892 | 35.4352 | 27.0059 |
| 349.000 | 13.3034 | 35.6937 | 26.8694 | 421.000 | 11.5546 | 35.4319 | 27.0099 |
| 350.000 | 13.2620 | 35.6869 | 26.8726 | 422.000 | 11.5058 | 35.4249 | 27.0136 |
| 351.000 | 13.2483 | 35.6850 | 26.8739 | 423.000 | 11.5012 | 35.4247 | 27.0143 |

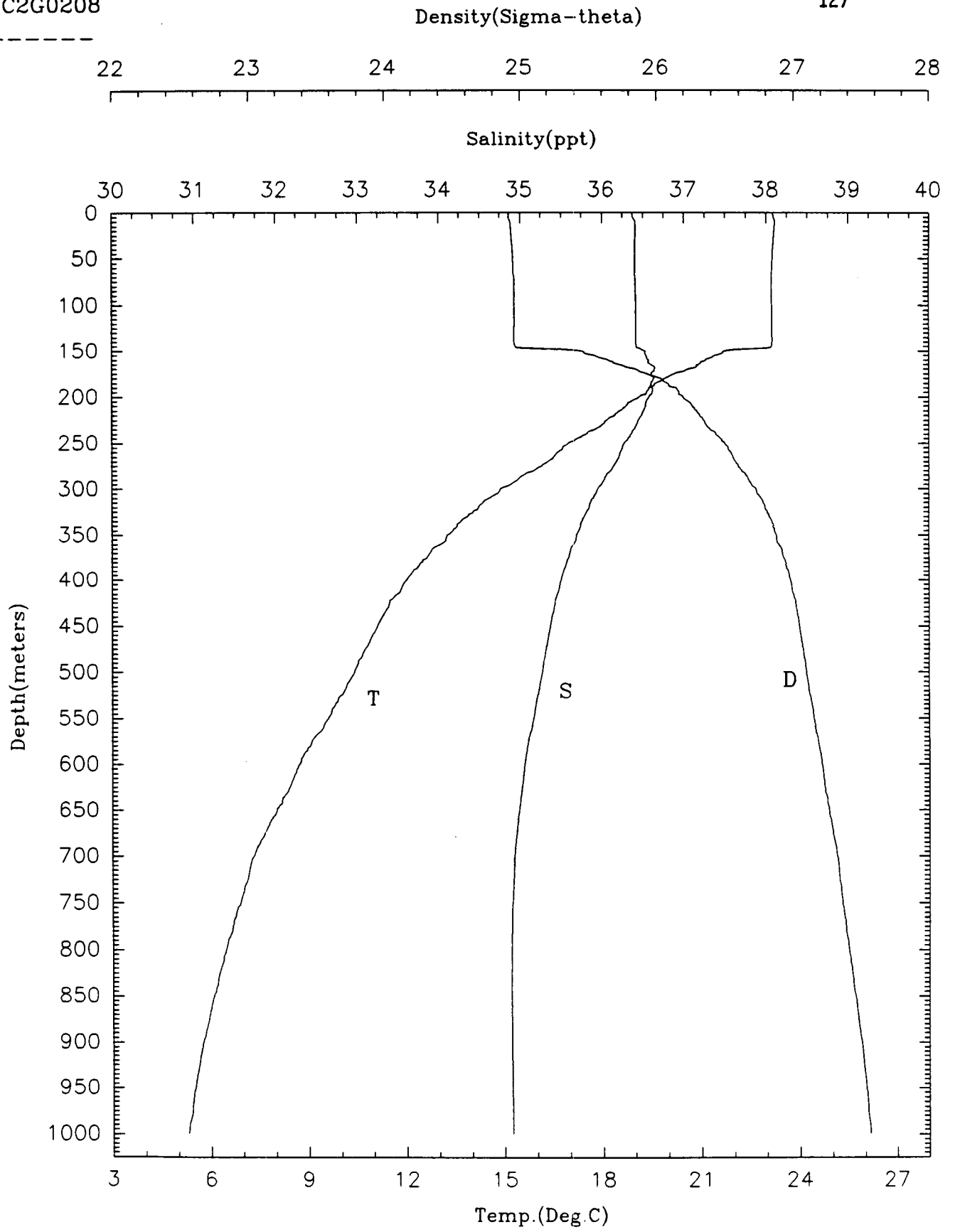
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|---------|---------|---------|---------|---------|---------|---------|---------|
| 424.000 | 11.4967 | 35.4236 | 27.0143 | 496.000 | 10.4530 | 35.2728 | 27.0866 |
| 425.000 | 11.4913 | 35.4225 | 27.0144 | 497.000 | 10.4377 | 35.2706 | 27.0876 |
| 426.000 | 11.4898 | 35.4218 | 27.0142 | 498.000 | 10.4233 | 35.2691 | 27.0889 |
| 427.000 | 11.4724 | 35.4189 | 27.0152 | 499.000 | 10.4202 | 35.2685 | 27.0891 |
| 428.000 | 11.4640 | 35.4178 | 27.0159 | 500.000 | 10.4126 | 35.2669 | 27.0892 |
| 429.000 | 11.4568 | 35.4168 | 27.0165 | 501.000 | 10.3966 | 35.2654 | 27.0907 |
| 430.000 | 11.4507 | 35.4155 | 27.0166 | 502.000 | 10.3908 | 35.2631 | 27.0900 |
| 431.000 | 11.4401 | 35.4135 | 27.0170 | 503.000 | 10.3746 | 35.2612 | 27.0914 |
| 432.000 | 11.4104 | 35.4089 | 27.0190 | 504.000 | 10.3550 | 35.2594 | 27.0934 |
| 433.000 | 11.3790 | 35.4065 | 27.0229 | 505.000 | 10.3252 | 35.2549 | 27.0951 |
| 434.000 | 11.3755 | 35.4052 | 27.0226 | 506.000 | 10.3122 | 35.2530 | 27.0959 |
| 435.000 | 11.3566 | 35.4011 | 27.0229 | 507.000 | 10.2918 | 35.2503 | 27.0974 |
| 436.000 | 11.3428 | 35.4000 | 27.0246 | 508.000 | 10.2687 | 35.2475 | 27.0992 |
| 437.000 | 11.3213 | 35.3958 | 27.0253 | 509.000 | 10.2492 | 35.2433 | 27.0993 |
| 438.000 | 11.3038 | 35.3938 | 27.0270 | 510.000 | 10.2317 | 35.2411 | 27.1007 |
| 439.000 | 11.2866 | 35.3885 | 27.0261 | 511.000 | 10.2161 | 35.2392 | 27.1019 |
| 440.000 | 11.2549 | 35.3876 | 27.0312 | 512.000 | 10.2022 | 35.2382 | 27.1036 |
| 441.000 | 11.2531 | 35.3873 | 27.0313 | 513.000 | 10.1827 | 35.2348 | 27.1043 |
| 442.000 | 11.2275 | 35.3826 | 27.0324 | 514.000 | 10.1774 | 35.2348 | 27.1052 |
| 443.000 | 11.2129 | 35.3806 | 27.0335 | 515.000 | 10.1737 | 35.2340 | 27.1052 |
| 444.000 | 11.1986 | 35.3792 | 27.0351 | 516.000 | 10.1566 | 35.2312 | 27.1060 |
| 445.000 | 11.1815 | 35.3759 | 27.0357 | 517.000 | 10.1432 | 35.2271 | 27.1051 |
| 446.000 | 11.1727 | 35.3758 | 27.0372 | 518.000 | 10.1243 | 35.2248 | 27.1065 |
| 447.000 | 11.1549 | 35.3713 | 27.0370 | 519.000 | 10.1103 | 35.2251 | 27.1092 |
| 448.000 | 11.1347 | 35.3714 | 27.0407 | 520.000 | 10.1095 | 35.2256 | 27.1098 |
| 449.000 | 11.1303 | 35.3693 | 27.0399 | 521.000 | 10.0918 | 35.2204 | 27.1088 |
| 450.000 | 11.1161 | 35.3662 | 27.0401 | 522.000 | 10.0710 | 35.2186 | 27.1110 |
| 451.000 | 11.0999 | 35.3650 | 27.0422 | 523.000 | 10.0628 | 35.2193 | 27.1129 |
| 452.000 | 11.0846 | 35.3617 | 27.0424 | 524.000 | 10.0334 | 35.2124 | 27.1126 |
| 453.000 | 11.0733 | 35.3607 | 27.0436 | 525.000 | 9.9990 | 35.2102 | 27.1168 |
| 454.000 | 11.0615 | 35.3583 | 27.0440 | 526.000 | 9.9670 | 35.2053 | 27.1184 |
| 455.000 | 11.0460 | 35.3558 | 27.0448 | 527.000 | 9.9431 | 35.2023 | 27.1202 |
| 456.000 | 11.0342 | 35.3541 | 27.0456 | 528.000 | 9.9236 | 35.2012 | 27.1227 |
| 457.000 | 11.0169 | 35.3517 | 27.0469 | 529.000 | 9.9165 | 35.1988 | 27.1220 |
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| 459.000 | 10.9832 | 35.3471 | 27.0495 | 531.000 | 9.8954 | 35.1962 | 27.1236 |
| 460.000 | 10.9725 | 35.3456 | 27.0503 | 532.000 | 9.8887 | 35.1957 | 27.1243 |
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| 462.000 | 10.9452 | 35.3420 | 27.0524 | 534.000 | 9.8372 | 35.1902 | 27.1288 |
| 463.000 | 10.9337 | 35.3396 | 27.0526 | 535.000 | 9.8254 | 35.1888 | 27.1297 |
| 464.000 | 10.9134 | 35.3377 | 27.0549 | 536.000 | 9.8134 | 35.1864 | 27.1298 |
| 465.000 | 10.9010 | 35.3363 | 27.0560 | 537.000 | 9.8013 | 35.1849 | 27.1308 |
| 466.000 | 10.8889 | 35.3339 | 27.0563 | 538.000 | 9.7774 | 35.1811 | 27.1318 |
| 467.000 | 10.8803 | 35.3330 | 27.0572 | 539.000 | 9.7431 | 35.1774 | 27.1347 |
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| 469.000 | 10.8457 | 35.3265 | 27.0584 | 541.000 | 9.7210 | 35.1750 | 27.1366 |
| 470.000 | 10.8281 | 35.3257 | 27.0609 | 542.000 | 9.7148 | 35.1741 | 27.1370 |
| 471.000 | 10.8252 | 35.3251 | 27.0610 | 543.000 | 9.7087 | 35.1730 | 27.1372 |
| 472.000 | 10.8055 | 35.3214 | 27.0616 | 544.000 | 9.6986 | 35.1722 | 27.1382 |
| 473.000 | 10.7864 | 35.3169 | 27.0616 | 545.000 | 9.6891 | 35.1697 | 27.1378 |
| 474.000 | 10.7608 | 35.3154 | 27.0650 | 546.000 | 9.6733 | 35.1660 | 27.1376 |
| 475.000 | 10.7345 | 35.3125 | 27.0675 | 547.000 | 9.6455 | 35.1643 | 27.1409 |
| 476.000 | 10.7148 | 35.3086 | 27.0679 | 548.000 | 9.6360 | 35.1642 | 27.1424 |
| 477.000 | 10.7027 | 35.3069 | 27.0688 | 549.000 | 9.6286 | 35.1620 | 27.1420 |
| 478.000 | 10.6855 | 35.3049 | 27.0704 | 550.000 | 9.6086 | 35.1580 | 27.1423 |
| 479.000 | 10.6766 | 35.3037 | 27.0710 | 551.000 | 9.5839 | 35.1554 | 27.1443 |
| 480.000 | 10.6703 | 35.3028 | 27.0714 | 552.000 | 9.5661 | 35.1536 | 27.1459 |
| 481.000 | 10.6592 | 35.3013 | 27.0722 | 553.000 | 9.5452 | 35.1532 | 27.1491 |
| 482.000 | 10.6486 | 35.2999 | 27.0730 | 554.000 | 9.5312 | 35.1489 | 27.1481 |
| 483.000 | 10.6353 | 35.2979 | 27.0738 | 555.000 | 9.5089 | 35.1443 | 27.1482 |
| 484.000 | 10.6179 | 35.2951 | 27.0747 | 556.000 | 9.4848 | 35.1448 | 27.1526 |
| 485.000 | 10.5899 | 35.2911 | 27.0766 | 557.000 | 9.4750 | 35.1439 | 27.1535 |
| 486.000 | 10.5617 | 35.2880 | 27.0792 | 558.000 | 9.4668 | 35.1426 | 27.1538 |
| 487.000 | 10.5415 | 35.2854 | 27.0807 | 559.000 | 9.4630 | 35.1410 | 27.1532 |
| 488.000 | 10.5346 | 35.2839 | 27.0808 | 560.000 | 9.4517 | 35.1395 | 27.1540 |
| 489.000 | 10.5297 | 35.2833 | 27.0812 | 561.000 | 9.4443 | 35.1386 | 27.1544 |
| 490.000 | 10.5251 | 35.2823 | 27.0812 | 562.000 | 9.4221 | 35.1336 | 27.1542 |
| 491.000 | 10.5170 | 35.2810 | 27.0817 | 563.000 | 9.3998 | 35.1311 | 27.1559 |
| 492.000 | 10.5058 | 35.2790 | 27.0821 | 564.000 | 9.3701 | 35.1279 | 27.1584 |
| 493.000 | 10.4849 | 35.2769 | 27.0841 | 565.000 | 9.3407 | 35.1224 | 27.1589 |
| 494.000 | 10.4806 | 35.2766 | 27.0847 | 566.000 | 9.3114 | 35.1168 | 27.1594 |
| 495.000 | 10.4618 | 35.2743 | 27.0862 | 567.000 | 9.2787 | 35.1151 | 27.1633 |

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|---------|--------|---------|---------|---------|--------|---------|---------|
| 568.000 | 9.2570 | 35.1135 | 27.1657 | 640.000 | 8.1877 | 34.9952 | 27.2420 |
| 569.000 | 9.2298 | 35.1078 | 27.1657 | 641.000 | 8.1856 | 34.9946 | 27.2419 |
| 570.000 | 9.1903 | 35.1051 | 27.1700 | 642.000 | 8.1815 | 34.9944 | 27.2423 |
| 571.000 | 9.1692 | 35.1009 | 27.1702 | 643.000 | 8.1707 | 34.9923 | 27.2423 |
| 572.000 | 9.1471 | 35.1003 | 27.1733 | 644.000 | 8.1250 | 34.9887 | 27.2464 |
| 573.000 | 9.1260 | 35.0957 | 27.1731 | 645.000 | 8.1072 | 34.9876 | 27.2483 |
| 574.000 | 9.1156 | 35.0960 | 27.1750 | 646.000 | 8.0864 | 34.9859 | 27.2501 |
| 575.000 | 9.1045 | 35.0946 | 27.1757 | 647.000 | 8.0788 | 34.9855 | 27.2509 |
| 576.000 | 9.0928 | 35.0928 | 27.1762 | 648.000 | 8.0365 | 34.9824 | 27.2549 |
| 577.000 | 9.0837 | 35.0917 | 27.1769 | 649.000 | 8.0326 | 34.9822 | 27.2553 |
| 578.000 | 9.0798 | 35.0906 | 27.1766 | 650.000 | 8.0214 | 34.9805 | 27.2557 |
| 579.000 | 9.0692 | 35.0885 | 27.1767 | 651.000 | 8.0239 | 34.9809 | 27.2556 |
| 580.000 | 9.0544 | 35.0857 | 27.1769 | 652.000 | 8.0100 | 34.9792 | 27.2563 |
| 581.000 | 9.0279 | 35.0841 | 27.1800 | 653.000 | 7.9995 | 34.9772 | 27.2564 |
| 582.000 | 8.9950 | 35.0784 | 27.1808 | 654.000 | 7.9802 | 34.9752 | 27.2577 |
| 583.000 | 8.9774 | 35.0791 | 27.1842 | 655.000 | 7.9797 | 34.9765 | 27.2588 |
| 584.000 | 8.9668 | 35.0774 | 27.1845 | 656.000 | 7.9372 | 34.9680 | 27.2585 |
| 585.000 | 8.9592 | 35.0766 | 27.1851 | 657.000 | 7.9146 | 34.9696 | 27.2631 |
| 586.000 | 8.9210 | 35.0713 | 27.1871 | 658.000 | 7.8931 | 34.9671 | 27.2643 |
| 587.000 | 8.8924 | 35.0700 | 27.1906 | 659.000 | 7.9016 | 34.9699 | 27.2652 |
| 588.000 | 8.8754 | 35.0677 | 27.1916 | 660.000 | 7.8620 | 34.9639 | 27.2665 |
| 589.000 | 8.8635 | 35.0662 | 27.1923 | 661.000 | 7.8403 | 34.9644 | 27.2701 |
| 590.000 | 8.8466 | 35.0646 | 27.1938 | 662.000 | 7.8424 | 34.9654 | 27.2706 |
| 591.000 | 8.8358 | 35.0631 | 27.1943 | 663.000 | 7.8200 | 34.9633 | 27.2723 |
| 592.000 | 8.8199 | 35.0604 | 27.1947 | 664.000 | 7.8092 | 34.9604 | 27.2716 |
| 593.000 | 8.7983 | 35.0592 | 27.1971 | 665.000 | 7.7876 | 34.9602 | 27.2746 |
| 594.000 | 8.7851 | 35.0578 | 27.1982 | 666.000 | 7.7867 | 34.9604 | 27.2749 |
| 595.000 | 8.7785 | 35.0567 | 27.1983 | 667.000 | 7.7691 | 34.9577 | 27.2754 |
| 596.000 | 8.7666 | 35.0562 | 27.1999 | 668.000 | 7.7472 | 34.9547 | 27.2762 |
| 597.000 | 8.7644 | 35.0557 | 27.1999 | 669.000 | 7.7342 | 34.9555 | 27.2788 |
| 598.000 | 8.7542 | 35.0525 | 27.1990 | 670.000 | 7.7296 | 34.9547 | 27.2788 |
| 599.000 | 8.7362 | 35.0516 | 27.2011 | 671.000 | 7.7093 | 34.9525 | 27.2801 |
| 600.000 | 8.7247 | 35.0509 | 27.2024 | 672.000 | 7.6995 | 34.9513 | 27.2806 |
| 601.000 | 8.6980 | 35.0472 | 27.2037 | 673.000 | 7.6867 | 34.9518 | 27.2829 |
| 602.000 | 8.6832 | 35.0463 | 27.2053 | 674.000 | 7.6794 | 34.9512 | 27.2834 |
| 603.000 | 8.6767 | 35.0460 | 27.2061 | 675.000 | 7.6678 | 34.9497 | 27.2840 |
| 604.000 | 8.6677 | 35.0437 | 27.2057 | 676.000 | 7.6603 | 34.9494 | 27.2849 |
| 605.000 | 8.6475 | 35.0420 | 27.2076 | 677.000 | 7.6467 | 34.9477 | 27.2855 |
| 606.000 | 8.6364 | 35.0421 | 27.2094 | 678.000 | 7.6205 | 34.9454 | 27.2875 |
| 607.000 | 8.6317 | 35.0414 | 27.2096 | 679.000 | 7.6059 | 34.9449 | 27.2893 |
| 608.000 | 8.6293 | 35.0407 | 27.2094 | 680.000 | 7.5894 | 34.9428 | 27.2900 |
| 609.000 | 8.6157 | 35.0379 | 27.2093 | 681.000 | 7.5657 | 34.9407 | 27.2918 |
| 610.000 | 8.5853 | 35.0349 | 27.2117 | 682.000 | 7.5424 | 34.9397 | 27.2944 |
| 611.000 | 8.5711 | 35.0346 | 27.2138 | 683.000 | 7.5302 | 34.9393 | 27.2958 |
| 612.000 | 8.5630 | 35.0335 | 27.2141 | 684.000 | 7.5201 | 34.9381 | 27.2964 |
| 613.000 | 8.5585 | 35.0325 | 27.2141 | 685.000 | 7.5159 | 34.9380 | 27.2969 |
| 614.000 | 8.5469 | 35.0304 | 27.2142 | 686.000 | 7.5038 | 34.9361 | 27.2972 |
| 615.000 | 8.5323 | 35.0300 | 27.2162 | 687.000 | 7.4896 | 34.9367 | 27.2997 |
| 616.000 | 8.5267 | 35.0285 | 27.2159 | 688.000 | 7.4720 | 34.9334 | 27.2996 |
| 617.000 | 8.5167 | 35.0277 | 27.2168 | 689.000 | 7.4405 | 34.9323 | 27.3033 |
| 618.000 | 8.5051 | 35.0260 | 27.2173 | 690.000 | 7.4265 | 34.9319 | 27.3050 |
| 619.000 | 8.4910 | 35.0259 | 27.2195 | 691.000 | 7.4177 | 34.9311 | 27.3057 |
| 620.000 | 8.4861 | 35.0237 | 27.2184 | 692.000 | 7.4020 | 34.9291 | 27.3063 |
| 621.000 | 8.4778 | 35.0236 | 27.2197 | 693.000 | 7.3898 | 34.9288 | 27.3079 |
| 622.000 | 8.4737 | 35.0227 | 27.2196 | 694.000 | 7.3848 | 34.9286 | 27.3084 |
| 623.000 | 8.4537 | 35.0201 | 27.2207 | 695.000 | 7.3805 | 34.9285 | 27.3089 |
| 624.000 | 8.4395 | 35.0193 | 27.2222 | 696.000 | 7.3704 | 34.9270 | 27.3092 |
| 625.000 | 8.4240 | 35.0173 | 27.2231 | 697.000 | 7.3566 | 34.9261 | 27.3105 |
| 626.000 | 8.3972 | 35.0152 | 27.2255 | 698.000 | 7.3453 | 34.9259 | 27.3120 |
| 627.000 | 8.3903 | 35.0145 | 27.2261 | 699.000 | 7.3403 | 34.9252 | 27.3121 |
| 628.000 | 8.3878 | 35.0144 | 27.2264 | 700.000 | 7.3236 | 34.9238 | 27.3134 |
| 629.000 | 8.3841 | 35.0137 | 27.2264 | 701.000 | 7.2970 | 34.9202 | 27.3144 |
| 630.000 | 8.3748 | 35.0127 | 27.2270 | 702.000 | 7.2744 | 34.9210 | 27.3182 |
| 631.000 | 8.3477 | 35.0093 | 27.2285 | 703.000 | 7.2640 | 34.9206 | 27.3194 |
| 632.000 | 8.3243 | 35.0048 | 27.2286 | 704.000 | 7.2556 | 34.9199 | 27.3200 |
| 633.000 | 8.2925 | 35.0056 | 27.2342 | 705.000 | 7.2479 | 34.9193 | 27.3206 |
| 634.000 | 8.2735 | 35.0044 | 27.2361 | 706.000 | 7.2363 | 34.9179 | 27.3212 |
| 635.000 | 8.2642 | 35.0026 | 27.2361 | 707.000 | 7.2285 | 34.9180 | 27.3224 |
| 636.000 | 8.2392 | 34.9986 | 27.2369 | 708.000 | 7.2233 | 34.9177 | 27.3228 |
| 637.000 | 8.2029 | 34.9966 | 27.2408 | 709.000 | 7.2180 | 34.9172 | 27.3232 |
| 638.000 | 8.1894 | 34.9958 | 27.2423 | 710.000 | 7.2133 | 34.9168 | 27.3236 |
| 639.000 | 8.1882 | 34.9955 | 27.2422 | 711.000 | 7.2060 | 34.9161 | 27.3241 |

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|---------|--------|---------|---------|---------|--------|---------|---------|
| 712.000 | 7.1993 | 34.9157 | 27.3247 | 784.000 | 6.5946 | 34.8872 | 27.3857 |
| 713.000 | 7.1932 | 34.9155 | 27.3254 | 785.000 | 6.5869 | 34.8874 | 27.3869 |
| 714.000 | 7.1887 | 34.9151 | 27.3257 | 786.000 | 6.5824 | 34.8872 | 27.3874 |
| 715.000 | 7.1812 | 34.9138 | 27.3258 | 787.000 | 6.5556 | 34.8858 | 27.3898 |
| 716.000 | 7.1742 | 34.9143 | 27.3271 | 788.000 | 6.5408 | 34.8850 | 27.3912 |
| 717.000 | 7.1715 | 34.9146 | 27.3278 | 789.000 | 6.5262 | 34.8867 | 27.3945 |
| 718.000 | 7.1666 | 34.9141 | 27.3281 | 790.000 | 6.5192 | 34.8859 | 27.3948 |
| 719.000 | 7.1625 | 34.9140 | 27.3286 | 791.000 | 6.5146 | 34.8860 | 27.3955 |
| 720.000 | 7.1571 | 34.9139 | 27.3293 | 792.000 | 6.5126 | 34.8860 | 27.3958 |
| 721.000 | 7.1503 | 34.9129 | 27.3294 | 793.000 | 6.5124 | 34.8858 | 27.3956 |
| 722.000 | 7.1441 | 34.9126 | 27.3300 | 794.000 | 6.5002 | 34.8845 | 27.3962 |
| 723.000 | 7.1384 | 34.9125 | 27.3307 | 795.000 | 6.4896 | 34.8848 | 27.3979 |
| 724.000 | 7.1332 | 34.9123 | 27.3313 | 796.000 | 6.4824 | 34.8856 | 27.3995 |
| 725.000 | 7.1292 | 34.9110 | 27.3309 | 797.000 | 6.4792 | 34.8846 | 27.3991 |
| 726.000 | 7.1147 | 34.9094 | 27.3317 | 798.000 | 6.4721 | 34.8837 | 27.3994 |
| 727.000 | 7.1023 | 34.9098 | 27.3337 | 799.000 | 6.4632 | 34.8842 | 27.4010 |
| 728.000 | 7.0982 | 34.9103 | 27.3346 | 800.000 | 6.4522 | 34.8854 | 27.4033 |
| 729.000 | 7.0732 | 34.9081 | 27.3365 | 801.000 | 6.4453 | 34.8842 | 27.4033 |
| 730.000 | 7.0591 | 34.9094 | 27.3395 | 802.000 | 6.4407 | 34.8847 | 27.4043 |
| 731.000 | 7.0550 | 34.9093 | 27.3400 | 803.000 | 6.4349 | 34.8840 | 27.4045 |
| 732.000 | 7.0391 | 34.9069 | 27.3403 | 804.000 | 6.4247 | 34.8846 | 27.4063 |
| 733.000 | 7.0281 | 34.9073 | 27.3421 | 805.000 | 6.4186 | 34.8833 | 27.4061 |
| 734.000 | 7.0227 | 34.9070 | 27.3426 | 806.000 | 6.4083 | 34.8819 | 27.4064 |
| 735.000 | 7.0208 | 34.9069 | 27.3428 | 807.000 | 6.3873 | 34.8819 | 27.4092 |
| 736.000 | 7.0191 | 34.9064 | 27.3426 | 808.000 | 6.3782 | 34.8841 | 27.4121 |
| 737.000 | 7.0169 | 34.9062 | 27.3428 | 809.000 | 6.3749 | 34.8837 | 27.4123 |
| 738.000 | 7.0109 | 34.9046 | 27.3424 | 810.000 | 6.3743 | 34.8842 | 27.4127 |
| 739.000 | 6.9922 | 34.9029 | 27.3437 | 811.000 | 6.3728 | 34.8840 | 27.4127 |
| 740.000 | 6.9815 | 34.9049 | 27.3467 | 812.000 | 6.3714 | 34.8838 | 27.4128 |
| 741.000 | 6.9819 | 34.9042 | 27.3461 | 813.000 | 6.3700 | 34.8842 | 27.4133 |
| 742.000 | 6.9716 | 34.9026 | 27.3463 | 814.000 | 6.3655 | 34.8846 | 27.4142 |
| 743.000 | 6.9577 | 34.9026 | 27.3482 | 815.000 | 6.3466 | 34.8841 | 27.4163 |
| 744.000 | 6.9469 | 34.9027 | 27.3498 | 816.000 | 6.3332 | 34.8850 | 27.4188 |
| 745.000 | 6.9385 | 34.9019 | 27.3503 | 817.000 | 6.3301 | 34.8849 | 27.4191 |
| 746.000 | 6.9306 | 34.9012 | 27.3508 | 818.000 | 6.3232 | 34.8845 | 27.4197 |
| 747.000 | 6.9247 | 34.9014 | 27.3518 | 819.000 | 6.3074 | 34.8837 | 27.4212 |
| 748.000 | 6.9192 | 34.9012 | 27.3524 | 820.000 | 6.3003 | 34.8830 | 27.4216 |
| 749.000 | 6.9121 | 34.9004 | 27.3528 | 821.000 | 6.2910 | 34.8828 | 27.4226 |
| 750.000 | 6.9047 | 34.8987 | 27.3524 | 822.000 | 6.2795 | 34.8829 | 27.4242 |
| 751.000 | 6.8934 | 34.8989 | 27.3542 | 823.000 | 6.2713 | 34.8821 | 27.4246 |
| 752.000 | 6.8910 | 34.8995 | 27.3550 | 824.000 | 6.2644 | 34.8819 | 27.4254 |
| 753.000 | 6.8636 | 34.8941 | 27.3545 | 825.000 | 6.2556 | 34.8817 | 27.4263 |
| 754.000 | 6.8361 | 34.8947 | 27.3587 | 826.000 | 6.2451 | 34.8817 | 27.4277 |
| 755.000 | 6.8172 | 34.8949 | 27.3615 | 827.000 | 6.2364 | 34.8824 | 27.4294 |
| 756.000 | 6.8087 | 34.8933 | 27.3614 | 828.000 | 6.2322 | 34.8823 | 27.4299 |
| 757.000 | 6.7986 | 34.8925 | 27.3621 | 829.000 | 6.2278 | 34.8826 | 27.4307 |
| 758.000 | 6.7894 | 34.8923 | 27.3633 | 830.000 | 6.2199 | 34.8826 | 27.4317 |
| 759.000 | 6.7781 | 34.8903 | 27.3633 | 831.000 | 6.2162 | 34.8829 | 27.4325 |
| 760.000 | 6.7710 | 34.8912 | 27.3649 | 832.000 | 6.2140 | 34.8827 | 27.4326 |
| 761.000 | 6.7685 | 34.8913 | 27.3653 | 833.000 | 6.2133 | 34.8825 | 27.4325 |
| 762.000 | 6.7666 | 34.8915 | 27.3657 | 834.000 | 6.2117 | 34.8827 | 27.4329 |
| 763.000 | 6.7592 | 34.8919 | 27.3671 | 835.000 | 6.2094 | 34.8819 | 27.4325 |
| 764.000 | 6.7537 | 34.8913 | 27.3673 | 836.000 | 6.2001 | 34.8817 | 27.4336 |
| 765.000 | 6.7394 | 34.8912 | 27.3692 | 837.000 | 6.1925 | 34.8819 | 27.4348 |
| 766.000 | 6.7238 | 34.8914 | 27.3715 | 838.000 | 6.1896 | 34.8824 | 27.4355 |
| 767.000 | 6.7127 | 34.8915 | 27.3731 | 839.000 | 6.1880 | 34.8820 | 27.4354 |
| 768.000 | 6.7022 | 34.8918 | 27.3748 | 840.000 | 6.1716 | 34.8802 | 27.4361 |
| 769.000 | 6.6965 | 34.8917 | 27.3755 | 841.000 | 6.1582 | 34.8817 | 27.4391 |
| 770.000 | 6.6905 | 34.8915 | 27.3761 | 842.000 | 6.1539 | 34.8821 | 27.4400 |
| 771.000 | 6.6865 | 34.8912 | 27.3764 | 843.000 | 6.1506 | 34.8820 | 27.4403 |
| 772.000 | 6.6842 | 34.8910 | 27.3766 | 844.000 | 6.1474 | 34.8813 | 27.4401 |
| 773.000 | 6.6756 | 34.8904 | 27.3773 | 845.000 | 6.1433 | 34.8812 | 27.4406 |
| 774.000 | 6.6674 | 34.8905 | 27.3785 | 846.000 | 6.1357 | 34.8812 | 27.4415 |
| 775.000 | 6.6622 | 34.8900 | 27.3788 | 847.000 | 6.1111 | 34.8825 | 27.4458 |
| 776.000 | 6.6594 | 34.8898 | 27.3790 | 848.000 | 6.1006 | 34.8815 | 27.4463 |
| 777.000 | 6.6548 | 34.8898 | 27.3796 | 849.000 | 6.0907 | 34.8816 | 27.4477 |
| 778.000 | 6.6513 | 34.8897 | 27.3800 | 850.000 | 6.0814 | 34.8824 | 27.4495 |
| 779.000 | 6.6521 | 34.8898 | 27.3800 | 851.000 | 6.0736 | 34.8813 | 27.4497 |
| 780.000 | 6.6467 | 34.8891 | 27.3801 | 852.000 | 6.0646 | 34.8822 | 27.4515 |
| 781.000 | 6.6381 | 34.8883 | 27.3807 | 853.000 | 6.0556 | 34.8814 | 27.4520 |
| 782.000 | 6.6244 | 34.8882 | 27.3825 | 854.000 | 6.0478 | 34.8832 | 27.4545 |
| 783.000 | 6.6083 | 34.8858 | 27.3827 | 855.000 | 6.0426 | 34.8832 | 27.4552 |

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|---------|--------|---------|---------|---------|--------|---------|---------|
| 856.000 | 6.0382 | 34.8828 | 27.4554 | 928.000 | 5.6175 | 34.8886 | 27.5130 |
| 857.000 | 6.0313 | 34.8824 | 27.4559 | 929.000 | 5.6096 | 34.8893 | 27.5145 |
| 858.000 | 6.0263 | 34.8829 | 27.4570 | 930.000 | 5.6088 | 34.8891 | 27.5145 |
| 859.000 | 6.0145 | 34.8826 | 27.4583 | 931.000 | 5.6047 | 34.8892 | 27.5151 |
| 860.000 | 6.0099 | 34.8828 | 27.4590 | 932.000 | 5.5979 | 34.8894 | 27.5161 |
| 861.000 | 6.0058 | 34.8827 | 27.4595 | 933.000 | 5.5891 | 34.8897 | 27.5174 |
| 862.000 | 6.0006 | 34.8829 | 27.4603 | 934.000 | 5.5827 | 34.8897 | 27.5182 |
| 863.000 | 5.9965 | 34.8830 | 27.4609 | 935.000 | 5.5739 | 34.8899 | 27.5194 |
| 864.000 | 5.9922 | 34.8825 | 27.4611 | 936.000 | 5.5658 | 34.8911 | 27.5213 |
| 865.000 | 5.9829 | 34.8828 | 27.4625 | 937.000 | 5.5632 | 34.8906 | 27.5213 |
| 866.000 | 5.9757 | 34.8830 | 27.4635 | 938.000 | 5.5601 | 34.8903 | 27.5214 |
| 867.000 | 5.9694 | 34.8826 | 27.4641 | 939.000 | 5.5542 | 34.8904 | 27.5222 |
| 868.000 | 5.9659 | 34.8825 | 27.4644 | 940.000 | 5.5512 | 34.8911 | 27.5231 |
| 869.000 | 5.9622 | 34.8828 | 27.4651 | 941.000 | 5.5451 | 34.8911 | 27.5239 |
| 870.000 | 5.9592 | 34.8830 | 27.4657 | 942.000 | 5.5412 | 34.8912 | 27.5244 |
| 871.000 | 5.9545 | 34.8821 | 27.4656 | 943.000 | 5.5384 | 34.8913 | 27.5249 |
| 872.000 | 5.9424 | 34.8832 | 27.4679 | 944.000 | 5.5356 | 34.8912 | 27.5252 |
| 873.000 | 5.9393 | 34.8833 | 27.4685 | 945.000 | 5.5321 | 34.8913 | 27.5256 |
| 874.000 | 5.9368 | 34.8831 | 27.4686 | 946.000 | 5.5283 | 34.8915 | 27.5263 |
| 875.000 | 5.9341 | 34.8832 | 27.4690 | 947.000 | 5.5250 | 34.8915 | 27.5267 |
| 876.000 | 5.9273 | 34.8831 | 27.4698 | 948.000 | 5.5223 | 34.8918 | 27.5272 |
| 877.000 | 5.9187 | 34.8834 | 27.4711 | 949.000 | 5.5186 | 34.8917 | 27.5276 |
| 878.000 | 5.9114 | 34.8834 | 27.4721 | 950.000 | 5.5119 | 34.8921 | 27.5287 |
| 879.000 | 5.9077 | 34.8834 | 27.4726 | 951.000 | 5.5055 | 34.8925 | 27.5298 |
| 880.000 | 5.9000 | 34.8833 | 27.4734 | 952.000 | 5.5006 | 34.8921 | 27.5301 |
| 881.000 | 5.8931 | 34.8835 | 27.4745 | 953.000 | 5.4906 | 34.8927 | 27.5318 |
| 882.000 | 5.8840 | 34.8837 | 27.4758 | 954.000 | 5.4789 | 34.8929 | 27.5334 |
| 883.000 | 5.8763 | 34.8837 | 27.4767 | 955.000 | 5.4753 | 34.8934 | 27.5342 |
| 884.000 | 5.8720 | 34.8837 | 27.4773 | 956.000 | 5.4725 | 34.8935 | 27.5347 |
| 885.000 | 5.8610 | 34.8840 | 27.4790 | 957.000 | 5.4691 | 34.8940 | 27.5355 |
| 886.000 | 5.8529 | 34.8843 | 27.4802 | 958.000 | 5.4667 | 34.8937 | 27.5355 |
| 887.000 | 5.8440 | 34.8836 | 27.4808 | 959.000 | 5.4648 | 34.8940 | 27.5360 |
| 888.000 | 5.8374 | 34.8843 | 27.4822 | 960.000 | 5.4618 | 34.8936 | 27.5361 |
| 889.000 | 5.8348 | 34.8842 | 27.4824 | 961.000 | 5.4585 | 34.8942 | 27.5369 |
| 890.000 | 5.8314 | 34.8845 | 27.4831 | 962.000 | 5.4516 | 34.8941 | 27.5377 |
| 891.000 | 5.8262 | 34.8845 | 27.4837 | 963.000 | 5.4470 | 34.8944 | 27.5385 |
| 892.000 | 5.8201 | 34.8845 | 27.4845 | 964.000 | 5.4451 | 34.8947 | 27.5390 |
| 893.000 | 5.8148 | 34.8842 | 27.4849 | 965.000 | 5.4409 | 34.8945 | 27.5393 |
| 894.000 | 5.8073 | 34.8841 | 27.4858 | 966.000 | 5.4371 | 34.8948 | 27.5400 |
| 895.000 | 5.7907 | 34.8852 | 27.4887 | 967.000 | 5.4346 | 34.8949 | 27.5404 |
| 896.000 | 5.7816 | 34.8854 | 27.4900 | 968.000 | 5.4333 | 34.8952 | 27.5408 |
| 897.000 | 5.7722 | 34.8858 | 27.4915 | 969.000 | 5.4275 | 34.8954 | 27.5416 |
| 898.000 | 5.7689 | 34.8858 | 27.4920 | 970.000 | 5.4266 | 34.8951 | 27.5415 |
| 899.000 | 5.7615 | 34.8855 | 27.4926 | 971.000 | 5.4253 | 34.8956 | 27.5421 |
| 900.000 | 5.7542 | 34.8862 | 27.4941 | 972.000 | 5.4257 | 34.8954 | 27.5419 |
| 901.000 | 5.7489 | 34.8862 | 27.4947 | 973.000 | 5.4244 | 34.8955 | 27.5421 |
| 902.000 | 5.7397 | 34.8859 | 27.4957 | 974.000 | 5.4242 | 34.8953 | 27.5420 |
| 903.000 | 5.7332 | 34.8867 | 27.4971 | 975.000 | 5.4244 | 34.8949 | 27.5417 |
| 904.000 | 5.7312 | 34.8868 | 27.4974 | 976.000 | 5.4222 | 34.8951 | 27.5421 |
| 905.000 | 5.7295 | 34.8870 | 27.4978 | 977.000 | 5.4171 | 34.8953 | 27.5428 |
| 906.000 | 5.7250 | 34.8857 | 27.4974 | 978.000 | 5.4135 | 34.8957 | 27.5436 |
| 907.000 | 5.7126 | 34.8875 | 27.5003 | 979.000 | 5.4130 | 34.8957 | 27.5436 |
| 908.000 | 5.7074 | 34.8873 | 27.5008 | 980.000 | 5.4088 | 34.8958 | 27.5443 |
| 909.000 | 5.7062 | 34.8871 | 27.5008 | 981.000 | 5.4042 | 34.8955 | 27.5445 |
| 910.000 | 5.7028 | 34.8870 | 27.5011 | 982.000 | 5.3900 | 34.8969 | 27.5474 |
| 911.000 | 5.6990 | 34.8871 | 27.5017 | 983.000 | 5.3825 | 34.8957 | 27.5474 |
| 912.000 | 5.6931 | 34.8870 | 27.5024 | 984.000 | 5.3775 | 34.8972 | 27.5492 |
| 913.000 | 5.6878 | 34.8871 | 27.5031 | 985.000 | 5.3691 | 34.8972 | 27.5502 |
| 914.000 | 5.6745 | 34.8871 | 27.5048 | 986.000 | 5.3547 | 34.8974 | 27.5521 |
| 915.000 | 5.6692 | 34.8878 | 27.5060 | 987.000 | 5.3461 | 34.8981 | 27.5537 |
| 916.000 | 5.6676 | 34.8876 | 27.5060 | 988.000 | 5.3424 | 34.8988 | 27.5546 |
| 917.000 | 5.6672 | 34.8877 | 27.5061 | 989.000 | 5.3380 | 34.8988 | 27.5552 |
| 918.000 | 5.6658 | 34.8875 | 27.5061 | 990.000 | 5.3359 | 34.8986 | 27.5553 |
| 919.000 | 5.6584 | 34.8872 | 27.5069 | 991.000 | 5.3329 | 34.8987 | 27.5557 |
| 920.000 | 5.6470 | 34.8879 | 27.5088 | 992.000 | 5.3309 | 34.8985 | 27.5558 |
| 921.000 | 5.6438 | 34.8880 | 27.5093 | 993.000 | 5.3274 | 34.8988 | 27.5564 |
| 922.000 | 5.6425 | 34.8878 | 27.5093 | 994.000 | 5.3237 | 34.8991 | 27.5571 |
| 923.000 | 5.6406 | 34.8880 | 27.5096 | 995.000 | 5.3204 | 34.8990 | 27.5575 |
| 924.000 | 5.6380 | 34.8879 | 27.5099 | 996.000 | 5.3169 | 34.8993 | 27.5581 |
| 925.000 | 5.6321 | 34.8884 | 27.5110 | 997.000 | 5.3163 | 34.8991 | 27.5580 |
| 926.000 | 5.6292 | 34.8886 | 27.5115 | 998.000 | 5.3118 | 34.8995 | 27.5589 |
| 927.000 | 5.6254 | 34.8885 | 27.5120 | 999.000 | 5.3039 | 34.8988 | 27.5593 |

| | | | |
|----------|--------|---------|---------|
| 1000.000 | 5.2953 | 34.9000 | 27.5612 |
| 1001.000 | 5.2909 | 34.9005 | 27.5622 |
| 1002.000 | 5.2874 | 34.9002 | 27.5623 |



Cruise: 92G02
 Date: Tue Jan 28 1992, Julian day = 28
 Time: 19:04:47 GMT
 Lat: 26 15.225 N
 Lon: 92 11.830 W
 Stn. 10

| meters | temp | salinity | sigma-t | | | | |
|--------|---------|----------|---------|---------|---------|---------|---------|
| 2.000 | 23.1701 | 36.3977 | 24.9462 | 73.000 | 22.9046 | 36.3593 | 24.9942 |
| 3.000 | 23.1735 | 36.3958 | 24.9438 | 74.000 | 22.8966 | 36.3565 | 24.9944 |
| 12.000 | 23.1729 | 36.3950 | 24.9434 | 75.000 | 22.8699 | 36.3515 | 24.9983 |
| 13.000 | 23.1747 | 36.3984 | 24.9455 | 76.000 | 22.8363 | 36.3430 | 25.0015 |
| 14.000 | 23.1751 | 36.3937 | 24.9418 | 77.000 | 22.8134 | 36.3428 | 25.0080 |
| 15.000 | 23.1768 | 36.3956 | 24.9427 | 78.000 | 22.7988 | 36.3416 | 25.0113 |
| 16.000 | 23.1776 | 36.3911 | 24.9391 | 79.000 | 22.7794 | 36.3382 | 25.0143 |
| 17.000 | 23.1773 | 36.3942 | 24.9415 | 80.000 | 22.7659 | 36.3359 | 25.0165 |
| 18.000 | 23.1761 | 36.3943 | 24.9417 | 81.000 | 22.7516 | 36.3311 | 25.0170 |
| 19.000 | 23.1769 | 36.3943 | 24.9417 | 82.000 | 22.7447 | 36.3306 | 25.0185 |
| 20.000 | 23.1765 | 36.3941 | 24.9416 | 83.000 | 22.7415 | 36.3301 | 25.0191 |
| 21.000 | 23.1741 | 36.3954 | 24.9434 | 84.000 | 22.7404 | 36.3291 | 25.0187 |
| 22.000 | 23.1750 | 36.3951 | 24.9428 | 85.000 | 22.7234 | 36.3248 | 25.0203 |
| 23.000 | 23.1749 | 36.3944 | 24.9424 | 86.000 | 22.7192 | 36.3232 | 25.0203 |
| 24.000 | 23.1739 | 36.3948 | 24.9429 | 87.000 | 22.7130 | 36.3221 | 25.0212 |
| 25.000 | 23.1723 | 36.3952 | 24.9437 | 88.000 | 22.7064 | 36.3197 | 25.0213 |
| 26.000 | 23.1719 | 36.3959 | 24.9443 | 89.000 | 22.6935 | 36.3179 | 25.0236 |
| 27.000 | 23.1725 | 36.3951 | 24.9436 | 90.000 | 22.6880 | 36.3179 | 25.0252 |
| 28.000 | 23.1726 | 36.3949 | 24.9434 | 91.000 | 22.6860 | 36.3173 | 25.0254 |
| 29.000 | 23.1727 | 36.3945 | 24.9431 | 92.000 | 22.6853 | 36.3171 | 25.0254 |
| 30.000 | 23.1738 | 36.3933 | 24.9418 | 93.000 | 22.6847 | 36.3170 | 25.0255 |
| 31.000 | 23.1751 | 36.3920 | 24.9405 | 94.000 | 22.6845 | 36.3168 | 25.0254 |
| 32.000 | 23.1750 | 36.3916 | 24.9402 | 95.000 | 22.6834 | 36.3163 | 25.0254 |
| 33.000 | 23.1746 | 36.3933 | 24.9416 | 96.000 | 22.6812 | 36.3156 | 25.0254 |
| 34.000 | 23.1750 | 36.3923 | 24.9407 | 97.000 | 22.6806 | 36.3156 | 25.0256 |
| 35.000 | 23.1739 | 36.3947 | 24.9429 | 98.000 | 22.6778 | 36.3154 | 25.0263 |
| 36.000 | 23.1704 | 36.3933 | 24.9429 | 99.000 | 22.6778 | 36.3158 | 25.0265 |
| 37.000 | 23.1695 | 36.3941 | 24.9437 | 100.000 | 22.6756 | 36.3159 | 25.0273 |
| 38.000 | 23.1688 | 36.3935 | 24.9435 | 101.000 | 22.6756 | 36.3161 | 25.0274 |
| 39.000 | 23.1599 | 36.3927 | 24.9454 | 102.000 | 22.6744 | 36.3159 | 25.0276 |
| 40.000 | 23.1416 | 36.3887 | 24.9477 | 103.000 | 22.6728 | 36.3159 | 25.0280 |
| 41.000 | 23.1316 | 36.3892 | 24.9510 | 104.000 | 22.6705 | 36.3150 | 25.0280 |
| 42.000 | 23.1320 | 36.3894 | 24.9511 | 105.000 | 22.6686 | 36.3148 | 25.0284 |
| 43.000 | 23.1205 | 36.3885 | 24.9538 | 106.000 | 22.6684 | 36.3151 | 25.0288 |
| 44.000 | 23.1202 | 36.3878 | 24.9533 | 107.000 | 22.6689 | 36.3150 | 25.0285 |
| 45.000 | 23.1168 | 36.3879 | 24.9543 | 108.000 | 22.6677 | 36.3156 | 25.0293 |
| 46.000 | 23.1121 | 36.3866 | 24.9547 | 109.000 | 22.6657 | 36.3148 | 25.0293 |
| 47.000 | 23.1090 | 36.3870 | 24.9559 | 110.000 | 22.6635 | 36.3141 | 25.0293 |
| 48.000 | 23.1013 | 36.3868 | 24.9580 | 111.000 | 22.6603 | 36.3131 | 25.0295 |
| 49.000 | 23.0976 | 36.3865 | 24.9589 | 112.000 | 22.6598 | 36.3133 | 25.0298 |
| 50.000 | 23.0963 | 36.3860 | 24.9589 | 113.000 | 22.6601 | 36.3132 | 25.0297 |
| 51.000 | 23.0926 | 36.3851 | 24.9593 | 114.000 | 22.6606 | 36.3135 | 25.0298 |
| 52.000 | 23.0878 | 36.3847 | 24.9603 | 115.000 | 22.6611 | 36.3136 | 25.0297 |
| 53.000 | 23.0859 | 36.3845 | 24.9608 | 116.000 | 22.6603 | 36.3132 | 25.0296 |
| 54.000 | 23.0798 | 36.3827 | 24.9612 | 117.000 | 22.6599 | 36.3134 | 25.0299 |
| 55.000 | 23.0722 | 36.3827 | 24.9634 | 118.000 | 22.6591 | 36.3133 | 25.0300 |
| 56.000 | 23.0602 | 36.3798 | 24.9647 | 119.000 | 22.6593 | 36.3132 | 25.0299 |
| 57.000 | 23.0421 | 36.3782 | 24.9687 | 120.000 | 22.6589 | 36.3133 | 25.0301 |
| 58.000 | 23.0398 | 36.3785 | 24.9696 | 121.000 | 22.6587 | 36.3131 | 25.0300 |
| 59.000 | 23.0399 | 36.3788 | 24.9698 | 122.000 | 22.6585 | 36.3131 | 25.0301 |
| 60.000 | 23.0394 | 36.3789 | 24.9700 | 123.000 | 22.6531 | 36.3104 | 25.0296 |
| 61.000 | 23.0388 | 36.3787 | 24.9700 | 124.000 | 22.6369 | 36.3082 | 25.0325 |
| 62.000 | 23.0229 | 36.3755 | 24.9722 | 125.000 | 22.6315 | 36.3080 | 25.0339 |
| 63.000 | 23.0054 | 36.3743 | 24.9764 | 126.000 | 22.5556 | 36.2943 | 25.0453 |
| 64.000 | 22.9965 | 36.3732 | 24.9781 | 127.000 | 22.4401 | 36.3515 | 25.1217 |
| 65.000 | 22.9860 | 36.3721 | 24.9803 | 128.000 | 22.1733 | 36.4404 | 25.2653 |
| 66.000 | 22.9821 | 36.3719 | 24.9813 | 129.000 | 22.1752 | 36.5394 | 25.3400 |
| 67.000 | 22.9793 | 36.3712 | 24.9816 | 130.000 | 22.1354 | 36.5792 | 25.3815 |
| 68.000 | 22.9673 | 36.3693 | 24.9836 | 131.000 | 21.9788 | 36.6080 | 25.4477 |
| 69.000 | 22.9651 | 36.3695 | 24.9844 | 132.000 | 21.8804 | 36.6244 | 25.4880 |
| 70.000 | 22.9593 | 36.3692 | 24.9859 | 133.000 | 21.7625 | 36.6222 | 25.5193 |
| 71.000 | 22.9529 | 36.3678 | 24.9866 | 134.000 | 21.7032 | 36.6269 | 25.5395 |
| 72.000 | 22.9333 | 36.3631 | 24.9888 | 135.000 | 21.5419 | 36.5939 | 25.5595 |
| | | | | 136.000 | 21.2884 | 36.5478 | 25.5948 |
| | | | | 137.000 | 21.0971 | 36.5632 | 25.6592 |
| | | | | 138.000 | 21.1175 | 36.5920 | 25.6756 |
| | | | | 139.000 | 21.1014 | 36.6117 | 25.6950 |
| | | | | 140.000 | 21.0821 | 36.6333 | 25.7168 |
| | | | | 141.000 | 20.9914 | 36.6251 | 25.7354 |
| | | | | 142.000 | 20.8473 | 36.6073 | 25.7613 |
| | | | | 143.000 | 20.7696 | 36.6072 | 25.7824 |
| | | | | 144.000 | 20.7443 | 36.6104 | 25.7917 |

| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 145.000 | 20.6237 | 36.6301 | 25.8395 | 217.000 | 16.8644 | 36.2328 | 26.4943 |
| 146.000 | 20.6015 | 36.6419 | 25.8545 | 218.000 | 16.8519 | 36.2310 | 26.4959 |
| 147.000 | 20.5579 | 36.6494 | 25.8721 | 219.000 | 16.8322 | 36.2283 | 26.4985 |
| 148.000 | 20.5221 | 36.6558 | 25.8866 | 220.000 | 16.7877 | 36.2173 | 26.5007 |
| 149.000 | 20.5122 | 36.6711 | 25.9010 | 221.000 | 16.7357 | 36.2091 | 26.5067 |
| 150.000 | 20.4997 | 36.6818 | 25.9125 | 222.000 | 16.7136 | 36.2117 | 26.5140 |
| 151.000 | 20.4599 | 36.6814 | 25.9229 | 223.000 | 16.6974 | 36.2081 | 26.5151 |
| 152.000 | 20.4184 | 36.6722 | 25.9272 | 224.000 | 16.5825 | 36.1910 | 26.5291 |
| 153.000 | 20.3337 | 36.6657 | 25.9450 | 225.000 | 16.5482 | 36.1900 | 26.5364 |
| 154.000 | 20.2436 | 36.6574 | 25.9628 | 226.000 | 16.5233 | 36.1860 | 26.5393 |
| 155.000 | 20.1137 | 36.6451 | 25.9882 | 227.000 | 16.5052 | 36.1820 | 26.5404 |
| 156.000 | 20.0613 | 36.6434 | 26.0009 | 228.000 | 16.4755 | 36.1777 | 26.5441 |
| 157.000 | 20.0264 | 36.6399 | 26.0075 | 229.000 | 16.4544 | 36.1758 | 26.5476 |
| 158.000 | 19.9472 | 36.6358 | 26.0255 | 230.000 | 16.4402 | 36.1731 | 26.5488 |
| 159.000 | 19.9175 | 36.6255 | 26.0254 | 231.000 | 16.4283 | 36.1706 | 26.5497 |
| 160.000 | 19.8332 | 36.6280 | 26.0497 | 232.000 | 16.3887 | 36.1644 | 26.5542 |
| 161.000 | 19.7794 | 36.6288 | 26.0646 | 233.000 | 16.3322 | 36.1549 | 26.5601 |
| 162.000 | 19.7524 | 36.6247 | 26.0686 | 234.000 | 16.2604 | 36.1400 | 26.5655 |
| 163.000 | 19.6344 | 36.6214 | 26.0971 | 235.000 | 16.1572 | 36.1358 | 26.5862 |
| 164.000 | 19.5952 | 36.6327 | 26.1161 | 236.000 | 16.1221 | 36.1309 | 26.5906 |
| 165.000 | 19.5595 | 36.6321 | 26.1249 | 237.000 | 16.0741 | 36.1209 | 26.5940 |
| 166.000 | 19.5369 | 36.6309 | 26.1300 | 238.000 | 16.0493 | 36.1181 | 26.5976 |
| 167.000 | 19.4940 | 36.6146 | 26.1287 | 239.000 | 16.0302 | 36.1159 | 26.6003 |
| 168.000 | 19.4252 | 36.6018 | 26.1370 | 240.000 | 16.0040 | 36.1101 | 26.6019 |
| 169.000 | 19.3764 | 36.5911 | 26.1415 | 241.000 | 15.9746 | 36.1020 | 26.6025 |
| 170.000 | 19.2795 | 36.5561 | 26.1400 | 242.000 | 15.9077 | 36.0966 | 26.6137 |
| 171.000 | 19.0836 | 36.5164 | 26.1604 | 243.000 | 15.8642 | 36.0916 | 26.6198 |
| 172.000 | 18.8957 | 36.4943 | 26.1918 | 244.000 | 15.8636 | 36.0913 | 26.6197 |
| 173.000 | 18.8146 | 36.4813 | 26.2026 | 245.000 | 15.8597 | 36.0901 | 26.6197 |
| 174.000 | 18.7854 | 36.4740 | 26.2045 | 246.000 | 15.8599 | 36.0910 | 26.6204 |
| 175.000 | 18.7325 | 36.4624 | 26.2092 | 247.000 | 15.8564 | 36.0899 | 26.6203 |
| 176.000 | 18.6858 | 36.4564 | 26.2165 | 248.000 | 15.8308 | 36.0849 | 26.6223 |
| 177.000 | 18.6777 | 36.4554 | 26.2178 | 249.000 | 15.7664 | 36.0756 | 26.6300 |
| 178.000 | 18.6505 | 36.4390 | 26.2121 | 250.000 | 15.7274 | 36.0713 | 26.6355 |
| 179.000 | 18.5770 | 36.4305 | 26.2243 | 251.000 | 15.7160 | 36.0681 | 26.6357 |
| 180.000 | 18.4887 | 36.4215 | 26.2398 | 252.000 | 15.7011 | 36.0665 | 26.6378 |
| 181.000 | 18.3345 | 36.4276 | 26.2834 | 253.000 | 15.6952 | 36.0641 | 26.6373 |
| 182.000 | 18.3179 | 36.4076 | 26.2722 | 254.000 | 15.6754 | 36.0577 | 26.6369 |
| 183.000 | 18.2012 | 36.3990 | 26.2949 | 255.000 | 15.6341 | 36.0520 | 26.6419 |
| 184.000 | 18.1333 | 36.3949 | 26.3087 | 256.000 | 15.5782 | 36.0467 | 26.6505 |
| 185.000 | 18.1114 | 36.3919 | 26.3120 | 257.000 | 15.5232 | 36.0386 | 26.6567 |
| 186.000 | 18.0777 | 36.3874 | 26.3169 | 258.000 | 15.5072 | 36.0359 | 26.6582 |
| 187.000 | 18.0040 | 36.3811 | 26.3304 | 259.000 | 15.5006 | 36.0334 | 26.6578 |
| 188.000 | 17.9661 | 36.3743 | 26.3346 | 260.000 | 15.4537 | 36.0260 | 26.6628 |
| 189.000 | 17.9110 | 36.3693 | 26.3445 | 261.000 | 15.4003 | 36.0177 | 26.6683 |
| 190.000 | 17.8595 | 36.3637 | 26.3529 | 262.000 | 15.3800 | 36.0165 | 26.6720 |
| 191.000 | 17.8004 | 36.3570 | 26.3624 | 263.000 | 15.3555 | 36.0121 | 26.6741 |
| 192.000 | 17.7637 | 36.3499 | 26.3660 | 264.000 | 15.3148 | 36.0058 | 26.6784 |
| 193.000 | 17.7027 | 36.3437 | 26.3763 | 265.000 | 15.2865 | 36.0022 | 26.6819 |
| 194.000 | 17.6584 | 36.3381 | 26.3829 | 266.000 | 15.2668 | 35.9978 | 26.6830 |
| 195.000 | 17.6132 | 36.3330 | 26.3901 | 267.000 | 15.2334 | 35.9946 | 26.6880 |
| 196.000 | 17.5575 | 36.3274 | 26.3994 | 268.000 | 15.1755 | 35.9798 | 26.6895 |
| 197.000 | 17.5145 | 36.3220 | 26.4058 | 269.000 | 15.1124 | 35.9751 | 26.6999 |
| 198.000 | 17.4909 | 36.3177 | 26.4083 | 270.000 | 15.0724 | 35.9712 | 26.7059 |
| 199.000 | 17.4524 | 36.3143 | 26.4150 | 271.000 | 15.0396 | 35.9651 | 26.7084 |
| 200.000 | 17.4270 | 36.3096 | 26.4177 | 272.000 | 15.0176 | 35.9607 | 26.7099 |
| 201.000 | 17.4011 | 36.3047 | 26.4202 | 273.000 | 14.9973 | 35.9575 | 26.7119 |
| 202.000 | 17.3754 | 36.3008 | 26.4235 | 274.000 | 14.9675 | 35.9543 | 26.7160 |
| 203.000 | 17.3514 | 36.2980 | 26.4271 | 275.000 | 14.9472 | 35.9503 | 26.7175 |
| 204.000 | 17.3213 | 36.2905 | 26.4287 | 276.000 | 14.9178 | 35.9411 | 26.7168 |
| 205.000 | 17.2802 | 36.2830 | 26.4329 | 277.000 | 14.8534 | 35.9350 | 26.7263 |
| 206.000 | 17.2279 | 36.2793 | 26.4427 | 278.000 | 14.8263 | 35.9329 | 26.7307 |
| 207.000 | 17.1418 | 36.2716 | 26.4576 | 279.000 | 14.7896 | 35.9229 | 26.7310 |
| 208.000 | 17.1494 | 36.2714 | 26.4556 | 280.000 | 14.7420 | 35.9180 | 26.7377 |
| 209.000 | 17.1337 | 36.2661 | 26.4553 | 281.000 | 14.6903 | 35.9126 | 26.7448 |
| 210.000 | 17.0496 | 36.2600 | 26.4709 | 282.000 | 14.6486 | 35.9054 | 26.7483 |
| 211.000 | 17.0189 | 36.2518 | 26.4720 | 283.000 | 14.6174 | 35.9005 | 26.7513 |
| 212.000 | 16.9804 | 36.2498 | 26.4797 | 284.000 | 14.5972 | 35.8973 | 26.7533 |
| 213.000 | 16.9648 | 36.2466 | 26.4809 | 285.000 | 14.5864 | 35.8938 | 26.7529 |
| 214.000 | 16.9436 | 36.2423 | 26.4827 | 286.000 | 14.5320 | 35.8850 | 26.7579 |
| 215.000 | 16.9031 | 36.2384 | 26.4894 | 287.000 | 14.5007 | 35.8823 | 26.7627 |
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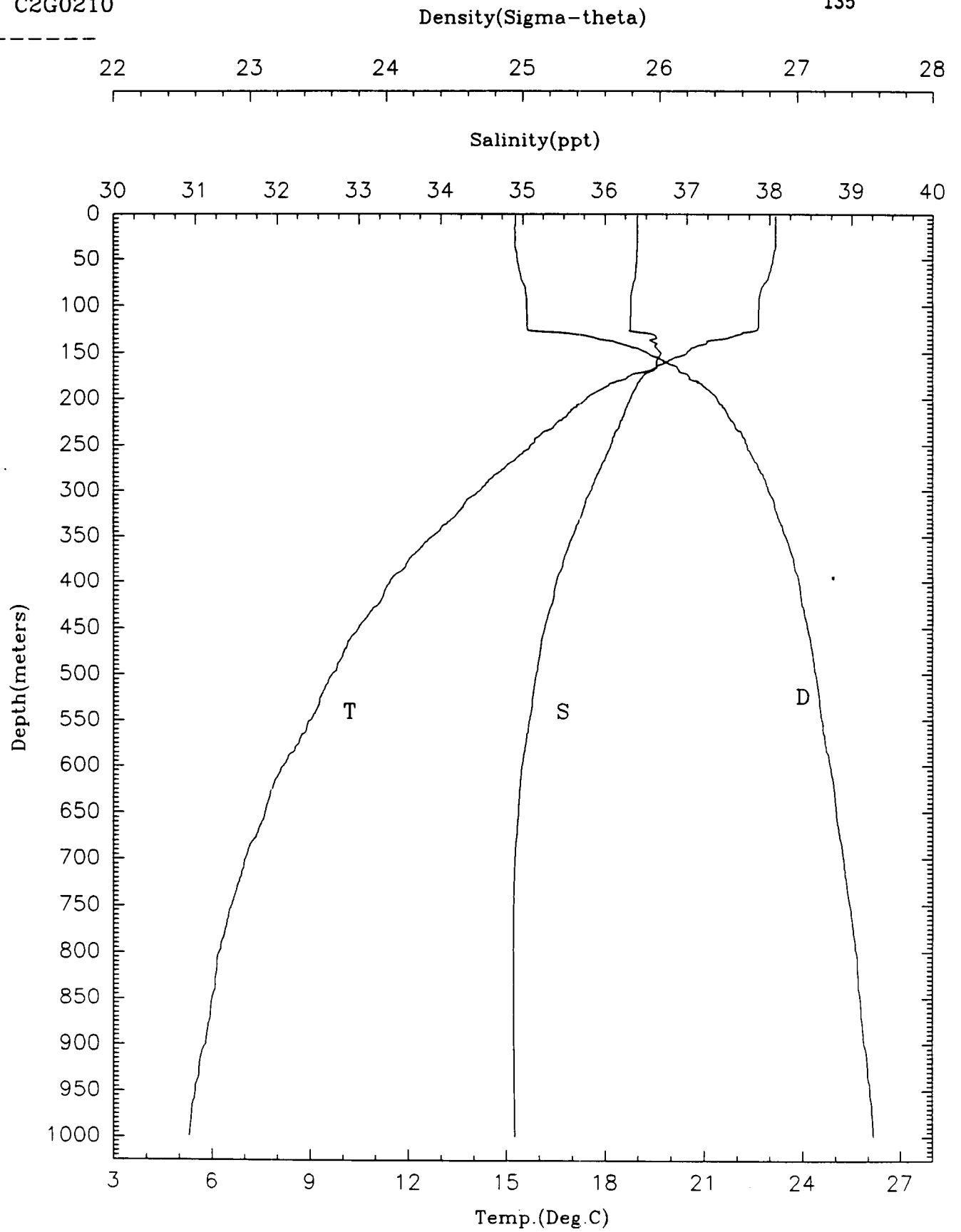
| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 289.000 | 14.4471 | 35.8743 | 26.7681 | 361.000 | 12.4220 | 35.5580 | 26.9412 |
| 290.000 | 14.4377 | 35.8713 | 26.7678 | 362.000 | 12.3901 | 35.5528 | 26.9434 |
| 291.000 | 14.3897 | 35.8626 | 26.7714 | 363.000 | 12.3760 | 35.5528 | 26.9461 |
| 292.000 | 14.3667 | 35.8614 | 26.7755 | 364.000 | 12.3477 | 35.5457 | 26.9462 |
| 293.000 | 14.3566 | 35.8592 | 26.7759 | 365.000 | 12.3191 | 35.5431 | 26.9498 |
| 294.000 | 14.3348 | 35.8516 | 26.7748 | 366.000 | 12.2818 | 35.5368 | 26.9522 |
| 295.000 | 14.2786 | 35.8448 | 26.7816 | 367.000 | 12.2456 | 35.5317 | 26.9553 |
| 296.000 | 14.2593 | 35.8440 | 26.7851 | 368.000 | 12.2180 | 35.5289 | 26.9585 |
| 297.000 | 14.2487 | 35.8418 | 26.7856 | 369.000 | 12.1992 | 35.5244 | 26.9586 |
| 298.000 | 14.2400 | 35.8404 | 26.7865 | 370.000 | 12.1682 | 35.5172 | 26.9591 |
| 299.000 | 14.2141 | 35.8360 | 26.7886 | 371.000 | 12.1274 | 35.5148 | 26.9651 |
| 300.000 | 14.1799 | 35.8284 | 26.7900 | 372.000 | 12.0933 | 35.5096 | 26.9676 |
| 301.000 | 14.1472 | 35.8240 | 26.7936 | 373.000 | 12.0692 | 35.5065 | 26.9699 |
| 302.000 | 14.1044 | 35.8192 | 26.7990 | 374.000 | 12.0439 | 35.5035 | 26.9724 |
| 303.000 | 14.0861 | 35.8143 | 26.7991 | 375.000 | 12.0301 | 35.5004 | 26.9727 |
| 304.000 | 14.0389 | 35.8060 | 26.8027 | 376.000 | 12.0091 | 35.4976 | 26.9746 |
| 305.000 | 13.9953 | 35.8011 | 26.8082 | 377.000 | 11.9990 | 35.4944 | 26.9740 |
| 306.000 | 13.9471 | 35.7938 | 26.8128 | 378.000 | 11.9772 | 35.4924 | 26.9766 |
| 307.000 | 13.9100 | 35.7880 | 26.8161 | 379.000 | 11.9669 | 35.4902 | 26.9769 |
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| 309.000 | 13.8222 | 35.7739 | 26.8237 | 381.000 | 11.9317 | 35.4858 | 26.9802 |
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| 313.000 | 13.7458 | 35.7624 | 26.8308 | 385.000 | 11.8703 | 35.4752 | 26.9837 |
| 314.000 | 13.7368 | 35.7602 | 26.8310 | 386.000 | 11.8496 | 35.4711 | 26.9845 |
| 315.000 | 13.7172 | 35.7581 | 26.8335 | 387.000 | 11.8270 | 35.4666 | 26.9854 |
| 316.000 | 13.6936 | 35.7539 | 26.8352 | 388.000 | 11.7867 | 35.4620 | 26.9894 |
| 317.000 | 13.6810 | 35.7512 | 26.8357 | 389.000 | 11.7526 | 35.4549 | 26.9904 |
| 318.000 | 13.6704 | 35.7496 | 26.8367 | 390.000 | 11.6957 | 35.4452 | 26.9937 |
| 319.000 | 13.6373 | 35.7444 | 26.8396 | 391.000 | 11.6602 | 35.4419 | 26.9978 |
| 320.000 | 13.6174 | 35.7414 | 26.8414 | 392.000 | 11.6117 | 35.4341 | 27.0009 |
| 321.000 | 13.6035 | 35.7353 | 26.8396 | 393.000 | 11.5845 | 35.4318 | 27.0042 |
| 322.000 | 13.5634 | 35.7317 | 26.8451 | 394.000 | 11.5597 | 35.4281 | 27.0060 |
| 323.000 | 13.5448 | 35.7309 | 26.8484 | 395.000 | 11.5376 | 35.4243 | 27.0071 |
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| 325.000 | 13.4965 | 35.7224 | 26.8518 | 397.000 | 11.4917 | 35.4176 | 27.0105 |
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| 327.000 | 13.4620 | 35.7167 | 26.8545 | 399.000 | 11.4495 | 35.4116 | 27.0138 |
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| 339.000 | 13.0375 | 35.6516 | 26.8910 | 411.000 | 11.2660 | 35.3820 | 27.0248 |
| 340.000 | 13.0190 | 35.6481 | 26.8920 | 412.000 | 11.2558 | 35.3832 | 27.0277 |
| 341.000 | 13.0021 | 35.6449 | 26.8929 | 413.000 | 11.2538 | 35.3827 | 27.0276 |
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| 349.000 | 12.7737 | 35.6115 | 26.9130 | 421.000 | 11.1517 | 35.3666 | 27.0339 |
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| 353.000 | 12.6212 | 35.5888 | 26.9258 | 425.000 | 11.0790 | 35.3531 | 27.0367 |
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| 357.000 | 12.4952 | 35.5702 | 26.9362 | 429.000 | 10.9278 | 35.3324 | 27.0481 |
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| 359.000 | 12.4595 | 35.5646 | 26.9389 | 431.000 | 10.8950 | 35.3263 | 27.0493 |
| 360.000 | 12.4434 | 35.5623 | 26.9403 | 432.000 | 10.8652 | 35.3223 | 27.0516 |

| | | | | | | | |
|---------|---------|---------|---------|---------|--------|---------|---------|
| 433.000 | 10.8450 | 35.3189 | 27.0526 | 505.000 | 9.5775 | 35.1517 | 27.1425 |
| 434.000 | 10.8338 | 35.3177 | 27.0536 | 506.000 | 9.5651 | 35.1498 | 27.1431 |
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| 436.000 | 10.7821 | 35.3108 | 27.0576 | 508.000 | 9.5556 | 35.1489 | 27.1440 |
| 437.000 | 10.7651 | 35.3056 | 27.0566 | 509.000 | 9.5517 | 35.1483 | 27.1441 |
| 438.000 | 10.7446 | 35.3036 | 27.0587 | 510.000 | 9.5386 | 35.1456 | 27.1443 |
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| 440.000 | 10.6901 | 35.2962 | 27.0627 | 512.000 | 9.4838 | 35.1407 | 27.1495 |
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| 451.000 | 10.4538 | 35.2634 | 27.0791 | 523.000 | 9.3495 | 35.1241 | 27.1588 |
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| 453.000 | 10.4263 | 35.2596 | 27.0810 | 525.000 | 9.3120 | 35.1199 | 27.1616 |
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| 455.000 | 10.3754 | 35.2519 | 27.0840 | 527.000 | 9.2960 | 35.1181 | 27.1629 |
| 456.000 | 10.3546 | 35.2481 | 27.0846 | 528.000 | 9.2935 | 35.1179 | 27.1631 |
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| 460.000 | 10.2583 | 35.2377 | 27.0934 | 532.000 | 9.2797 | 35.1160 | 27.1639 |
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| 464.000 | 10.1701 | 35.2254 | 27.0991 | 536.000 | 9.2340 | 35.1104 | 27.1670 |
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| 468.000 | 10.1396 | 35.2223 | 27.1020 | 540.000 | 9.1834 | 35.1037 | 27.1700 |
| 469.000 | 10.1285 | 35.2214 | 27.1032 | 541.000 | 9.1591 | 35.1005 | 27.1715 |
| 470.000 | 10.1236 | 35.2200 | 27.1029 | 542.000 | 9.1471 | 35.0985 | 27.1719 |
| 471.000 | 10.1101 | 35.2190 | 27.1045 | 543.000 | 9.1282 | 35.0957 | 27.1728 |
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| 479.000 | 9.9940 | 35.2060 | 27.1143 | 551.000 | 8.9536 | 35.0770 | 27.1863 |
| 480.000 | 9.9929 | 35.2056 | 27.1143 | 552.000 | 8.9434 | 35.0734 | 27.1852 |
| 481.000 | 9.9859 | 35.2037 | 27.1139 | 553.000 | 8.9349 | 35.0733 | 27.1864 |
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| 493.000 | 9.8184 | 35.1821 | 27.1256 | 565.000 | 8.8028 | 35.0512 | 27.1902 |
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| 495.000 | 9.8095 | 35.1820 | 27.1271 | 567.000 | 8.7350 | 35.0481 | 27.1985 |
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| 497.000 | 9.7650 | 35.1754 | 27.1295 | 569.000 | 8.7132 | 35.0445 | 27.1991 |
| 498.000 | 9.7252 | 35.1674 | 27.1300 | 570.000 | 8.6979 | 35.0424 | 27.1999 |
| 499.000 | 9.6930 | 35.1672 | 27.1352 | 571.000 | 8.6784 | 35.0419 | 27.2026 |
| 500.000 | 9.6811 | 35.1656 | 27.1359 | 572.000 | 8.6728 | 35.0410 | 27.2028 |
| 501.000 | 9.6610 | 35.1616 | 27.1362 | 573.000 | 8.6718 | 35.0410 | 27.2030 |
| 502.000 | 9.6347 | 35.1580 | 27.1379 | 574.000 | 8.6684 | 35.0403 | 27.2029 |
| 503.000 | 9.6134 | 35.1568 | 27.1405 | 575.000 | 8.6609 | 35.0394 | 27.2034 |
| 504.000 | 9.5967 | 35.1544 | 27.1414 | 576.000 | 8.6470 | 35.0366 | 27.2034 |

| | | | | | | | |
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| 577.000 | 8.6170 | 35.0319 | 27.2044 | 649.000 | 7.6325 | 34.9459 | 27.2862 |
| 578.000 | 8.5750 | 35.0282 | 27.2081 | 650.000 | 7.6124 | 34.9438 | 27.2875 |
| 579.000 | 8.5498 | 35.0274 | 27.2114 | 651.000 | 7.6101 | 34.9445 | 27.2883 |
| 580.000 | 8.5479 | 35.0259 | 27.2106 | 652.000 | 7.6091 | 34.9441 | 27.2882 |
| 581.000 | 8.5402 | 35.0253 | 27.2112 | 653.000 | 7.6061 | 34.9436 | 27.2882 |
| 582.000 | 8.5360 | 35.0246 | 27.2113 | 654.000 | 7.6010 | 34.9434 | 27.2888 |
| 583.000 | 8.5291 | 35.0230 | 27.2112 | 655.000 | 7.5963 | 34.9427 | 27.2889 |
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| 585.000 | 8.4590 | 35.0166 | 27.2171 | 657.000 | 7.5757 | 34.9407 | 27.2903 |
| 586.000 | 8.4157 | 35.0114 | 27.2197 | 658.000 | 7.5683 | 34.9407 | 27.2915 |
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| 591.000 | 8.3214 | 35.0059 | 27.2300 | 663.000 | 7.4965 | 34.9328 | 27.2956 |
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| 596.000 | 8.2678 | 35.0000 | 27.2335 | 668.000 | 7.4240 | 34.9301 | 27.3040 |
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| 599.000 | 8.2045 | 34.9941 | 27.2386 | 671.000 | 7.4067 | 34.9286 | 27.3053 |
| 600.000 | 8.1922 | 34.9924 | 27.2391 | 672.000 | 7.3939 | 34.9286 | 27.3071 |
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| 603.000 | 8.1074 | 34.9859 | 27.2469 | 675.000 | 7.3490 | 34.9261 | 27.3116 |
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| 606.000 | 8.0897 | 34.9818 | 27.2464 | 678.000 | 7.2957 | 34.9215 | 27.3156 |
| 607.000 | 8.0743 | 34.9816 | 27.2485 | 679.000 | 7.2697 | 34.9204 | 27.3184 |
| 608.000 | 8.0614 | 34.9812 | 27.2502 | 680.000 | 7.2548 | 34.9183 | 27.3189 |
| 609.000 | 8.0423 | 34.9774 | 27.2501 | 681.000 | 7.2317 | 34.9170 | 27.3212 |
| 610.000 | 8.0252 | 34.9769 | 27.2522 | 682.000 | 7.2092 | 34.9142 | 27.3221 |
| 611.000 | 8.0131 | 34.9772 | 27.2543 | 683.000 | 7.1800 | 34.9124 | 27.3249 |
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| 619.000 | 7.9044 | 34.9680 | 27.2634 | 691.000 | 7.1060 | 34.9079 | 27.3317 |
| 620.000 | 7.8826 | 34.9661 | 27.2651 | 692.000 | 7.1019 | 34.9073 | 27.3318 |
| 621.000 | 7.8703 | 34.9661 | 27.2669 | 693.000 | 7.0891 | 34.9063 | 27.3328 |
| 622.000 | 7.8674 | 34.9653 | 27.2667 | 694.000 | 7.0734 | 34.9066 | 27.3353 |
| 623.000 | 7.8665 | 34.9652 | 27.2668 | 695.000 | 7.0707 | 34.9063 | 27.3354 |
| 624.000 | 7.8538 | 34.9625 | 27.2666 | 696.000 | 7.0663 | 34.9051 | 27.3350 |
| 625.000 | 7.8412 | 34.9627 | 27.2686 | 697.000 | 7.0562 | 34.9054 | 27.3367 |
| 626.000 | 7.8185 | 34.9624 | 27.2718 | 698.000 | 7.0397 | 34.9036 | 27.3376 |
| 627.000 | 7.8010 | 34.9598 | 27.2723 | 699.000 | 7.0346 | 34.9038 | 27.3384 |
| 628.000 | 7.7878 | 34.9592 | 27.2738 | 700.000 | 7.0191 | 34.9017 | 27.3390 |
| 629.000 | 7.7817 | 34.9591 | 27.2746 | 701.000 | 7.0072 | 34.9019 | 27.3408 |
| 630.000 | 7.7795 | 34.9586 | 27.2745 | 702.000 | 6.9933 | 34.8998 | 27.3410 |
| 631.000 | 7.7775 | 34.9582 | 27.2745 | 703.000 | 6.9827 | 34.9005 | 27.3431 |
| 632.000 | 7.7755 | 34.9582 | 27.2748 | 704.000 | 6.9787 | 34.9006 | 27.3437 |
| 633.000 | 7.7724 | 34.9575 | 27.2747 | 705.000 | 6.9769 | 34.9001 | 27.3436 |
| 634.000 | 7.7600 | 34.9560 | 27.2754 | 706.000 | 6.9741 | 34.9000 | 27.3439 |
| 635.000 | 7.7501 | 34.9557 | 27.2766 | 707.000 | 6.9719 | 34.8999 | 27.3441 |
| 636.000 | 7.7430 | 34.9549 | 27.2770 | 708.000 | 6.9670 | 34.8996 | 27.3446 |
| 637.000 | 7.7346 | 34.9543 | 27.2778 | 709.000 | 6.9645 | 34.8991 | 27.3445 |
| 638.000 | 7.7263 | 34.9533 | 27.2782 | 710.000 | 6.9597 | 34.8984 | 27.3446 |
| 639.000 | 7.7138 | 34.9523 | 27.2792 | 711.000 | 6.9359 | 34.8982 | 27.3478 |
| 640.000 | 7.7028 | 34.9517 | 27.2804 | 712.000 | 6.9196 | 34.8979 | 27.3497 |
| 641.000 | 7.6907 | 34.9508 | 27.2815 | 713.000 | 6.9135 | 34.8978 | 27.3505 |
| 642.000 | 7.6793 | 34.9496 | 27.2822 | 714.000 | 6.9075 | 34.8974 | 27.3511 |
| 643.000 | 7.6728 | 34.9491 | 27.2828 | 715.000 | 6.9039 | 34.8974 | 27.3516 |
| 644.000 | 7.6625 | 34.9487 | 27.2839 | 716.000 | 6.9021 | 34.8973 | 27.3518 |
| 645.000 | 7.6571 | 34.9477 | 27.2840 | 717.000 | 6.9016 | 34.8973 | 27.3518 |
| 646.000 | 7.6521 | 34.9477 | 27.2847 | 718.000 | 6.8979 | 34.8966 | 27.3518 |
| 647.000 | 7.6507 | 34.9476 | 27.2848 | 719.000 | 6.8808 | 34.8959 | 27.3536 |
| 648.000 | 7.6427 | 34.9463 | 27.2849 | 720.000 | 6.8536 | 34.8948 | 27.3565 |

| | | | | | | | |
|---------|--------|---------|---------|---------|--------|---------|---------|
| 721.000 | 6.8438 | 34.8949 | 27.3579 | 793.000 | 6.2676 | 34.8840 | 27.4266 |
| 722.000 | 6.8367 | 34.8948 | 27.3588 | 794.000 | 6.2655 | 34.8842 | 27.4270 |
| 723.000 | 6.8349 | 34.8944 | 27.3587 | 795.000 | 6.2640 | 34.8841 | 27.4272 |
| 724.000 | 6.8303 | 34.8944 | 27.3593 | 796.000 | 6.2640 | 34.8841 | 27.4272 |
| 725.000 | 6.8263 | 34.8936 | 27.3593 | 797.000 | 6.2576 | 34.8824 | 27.4266 |
| 726.000 | 6.8036 | 34.8925 | 27.3615 | 798.000 | 6.2271 | 34.8847 | 27.4324 |
| 727.000 | 6.7903 | 34.8912 | 27.3623 | 799.000 | 6.2231 | 34.8840 | 27.4324 |
| 728.000 | 6.7814 | 34.8921 | 27.3642 | 800.000 | 6.2109 | 34.8834 | 27.4335 |
| 729.000 | 6.7656 | 34.8893 | 27.3642 | 801.000 | 6.1901 | 34.8839 | 27.4366 |
| 730.000 | 6.7586 | 34.8916 | 27.3669 | 802.000 | 6.1767 | 34.8847 | 27.4390 |
| 731.000 | 6.7569 | 34.8910 | 27.3667 | 803.000 | 6.1739 | 34.8845 | 27.4392 |
| 732.000 | 6.7542 | 34.8907 | 27.3668 | 804.000 | 6.1675 | 34.8839 | 27.4396 |
| 733.000 | 6.7500 | 34.8906 | 27.3673 | 805.000 | 6.1624 | 34.8844 | 27.4407 |
| 734.000 | 6.7430 | 34.8901 | 27.3679 | 806.000 | 6.1576 | 34.8842 | 27.4411 |
| 735.000 | 6.7344 | 34.8895 | 27.3686 | 807.000 | 6.1543 | 34.8844 | 27.4417 |
| 736.000 | 6.7216 | 34.8885 | 27.3695 | 808.000 | 6.1515 | 34.8844 | 27.4420 |
| 737.000 | 6.7150 | 34.8888 | 27.3707 | 809.000 | 6.1482 | 34.8844 | 27.4425 |
| 738.000 | 6.6940 | 34.8883 | 27.3731 | 810.000 | 6.1468 | 34.8845 | 27.4427 |
| 739.000 | 6.6903 | 34.8882 | 27.3736 | 811.000 | 6.1462 | 34.8841 | 27.4425 |
| 740.000 | 6.6839 | 34.8869 | 27.3734 | 812.000 | 6.1433 | 34.8842 | 27.4429 |
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| 742.000 | 6.6573 | 34.8881 | 27.3779 | 814.000 | 6.1406 | 34.8841 | 27.4432 |
| 743.000 | 6.6543 | 34.8882 | 27.3784 | 815.000 | 6.1389 | 34.8841 | 27.4434 |
| 744.000 | 6.6503 | 34.8882 | 27.3789 | 816.000 | 6.1402 | 34.8844 | 27.4435 |
| 745.000 | 6.6352 | 34.8882 | 27.3810 | 817.000 | 6.1418 | 34.8840 | 27.4430 |
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| 747.000 | 6.6145 | 34.8882 | 27.3838 | 819.000 | 6.1401 | 34.8839 | 27.4432 |
| 748.000 | 6.6115 | 34.8881 | 27.3841 | 820.000 | 6.1346 | 34.8838 | 27.4438 |
| 749.000 | 6.6069 | 34.8875 | 27.3843 | 821.000 | 6.1304 | 34.8840 | 27.4444 |
| 750.000 | 6.5914 | 34.8862 | 27.3853 | 822.000 | 6.1273 | 34.8840 | 27.4448 |
| 751.000 | 6.5755 | 34.8871 | 27.3882 | 823.000 | 6.1187 | 34.8840 | 27.4460 |
| 752.000 | 6.5701 | 34.8871 | 27.3889 | 824.000 | 6.1128 | 34.8838 | 27.4466 |
| 753.000 | 6.5619 | 34.8864 | 27.3895 | 825.000 | 6.1085 | 34.8838 | 27.4472 |
| 754.000 | 6.5421 | 34.8862 | 27.3919 | 826.000 | 6.0990 | 34.8839 | 27.4485 |
| 755.000 | 6.5293 | 34.8866 | 27.3940 | 827.000 | 6.0959 | 34.8843 | 27.4492 |
| 756.000 | 6.5204 | 34.8872 | 27.3956 | 828.000 | 6.0924 | 34.8841 | 27.4494 |
| 757.000 | 6.5132 | 34.8869 | 27.3964 | 829.000 | 6.0919 | 34.8842 | 27.4496 |
| 758.000 | 6.5089 | 34.8867 | 27.3968 | 830.000 | 6.0924 | 34.8840 | 27.4494 |
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| 760.000 | 6.5055 | 34.8865 | 27.3971 | 832.000 | 6.0931 | 34.8840 | 27.4493 |
| 761.000 | 6.5035 | 34.8865 | 27.3974 | 833.000 | 6.0929 | 34.8841 | 27.4494 |
| 762.000 | 6.5014 | 34.8864 | 27.3976 | 834.000 | 6.0933 | 34.8837 | 27.4491 |
| 763.000 | 6.4970 | 34.8865 | 27.3983 | 835.000 | 6.0921 | 34.8840 | 27.4494 |
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| 765.000 | 6.4690 | 34.8870 | 27.4024 | 837.000 | 6.0927 | 34.8841 | 27.4494 |
| 766.000 | 6.4615 | 34.8869 | 27.4033 | 838.000 | 6.0920 | 34.8838 | 27.4493 |
| 767.000 | 6.4576 | 34.8870 | 27.4039 | 839.000 | 6.0910 | 34.8844 | 27.4498 |
| 768.000 | 6.4513 | 34.8866 | 27.4044 | 840.000 | 6.0888 | 34.8836 | 27.4496 |
| 769.000 | 6.4452 | 34.8864 | 27.4051 | 841.000 | 6.0733 | 34.8837 | 27.4516 |
| 770.000 | 6.4412 | 34.8868 | 27.4059 | 842.000 | 6.0543 | 34.8846 | 27.4548 |
| 771.000 | 6.4378 | 34.8867 | 27.4063 | 843.000 | 6.0490 | 34.8843 | 27.4552 |
| 772.000 | 6.4326 | 34.8870 | 27.4072 | 844.000 | 6.0473 | 34.8845 | 27.4556 |
| 773.000 | 6.4246 | 34.8868 | 27.4081 | 845.000 | 6.0343 | 34.8842 | 27.4570 |
| 774.000 | 6.4075 | 34.8871 | 27.4106 | 846.000 | 6.0203 | 34.8850 | 27.4594 |
| 775.000 | 6.4036 | 34.8865 | 27.4107 | 847.000 | 6.0125 | 34.8845 | 27.4600 |
| 776.000 | 6.3971 | 34.8867 | 27.4117 | 848.000 | 6.0026 | 34.8847 | 27.4615 |
| 777.000 | 6.3919 | 34.8867 | 27.4124 | 849.000 | 5.9944 | 34.8849 | 27.4627 |
| 778.000 | 6.3908 | 34.8865 | 27.4124 | 850.000 | 5.9901 | 34.8847 | 27.4631 |
| 779.000 | 6.3857 | 34.8862 | 27.4128 | 851.000 | 5.9862 | 34.8847 | 27.4635 |
| 780.000 | 6.3786 | 34.8857 | 27.4134 | 852.000 | 5.9806 | 34.8845 | 27.4641 |
| 781.000 | 6.3693 | 34.8859 | 27.4147 | 853.000 | 5.9702 | 34.8849 | 27.4658 |
| 782.000 | 6.3602 | 34.8854 | 27.4155 | 854.000 | 5.9676 | 34.8849 | 27.4661 |
| 783.000 | 6.3489 | 34.8855 | 27.4171 | 855.000 | 5.9657 | 34.8848 | 27.4663 |
| 784.000 | 6.3398 | 34.8851 | 27.4180 | 856.000 | 5.9604 | 34.8850 | 27.4671 |
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| 786.000 | 6.3214 | 34.8849 | 27.4202 | 858.000 | 5.9589 | 34.8848 | 27.4671 |
| 787.000 | 6.3014 | 34.8848 | 27.4228 | 859.000 | 5.9570 | 34.8848 | 27.4673 |
| 788.000 | 6.2920 | 34.8843 | 27.4236 | 860.000 | 5.9555 | 34.8847 | 27.4675 |
| 789.000 | 6.2810 | 34.8846 | 27.4253 | 861.000 | 5.9543 | 34.8847 | 27.4676 |
| 790.000 | 6.2724 | 34.8846 | 27.4264 | 862.000 | 5.9512 | 34.8845 | 27.4678 |
| 791.000 | 6.2698 | 34.8844 | 27.4267 | 863.000 | 5.9492 | 34.8850 | 27.4685 |
| 792.000 | 6.2689 | 34.8843 | 27.4266 | 864.000 | 5.9472 | 34.8850 | 27.4688 |

| | | | | | | | |
|---------|--------|---------|---------|----------|--------|---------|---------|
| 865.000 | 5.9470 | 34.8848 | 27.4687 | 937.000 | 5.5579 | 34.8912 | 27.5224 |
| 866.000 | 5.9457 | 34.8847 | 27.4687 | 938.000 | 5.5427 | 34.8925 | 27.5253 |
| 867.000 | 5.9428 | 34.8850 | 27.4693 | 939.000 | 5.5401 | 34.8922 | 27.5254 |
| 868.000 | 5.9406 | 34.8849 | 27.4696 | 940.000 | 5.5339 | 34.8922 | 27.5262 |
| 869.000 | 5.9390 | 34.8849 | 27.4697 | 941.000 | 5.5173 | 34.8929 | 27.5287 |
| 870.000 | 5.9382 | 34.8849 | 27.4699 | 942.000 | 5.5015 | 34.8936 | 27.5312 |
| 871.000 | 5.9348 | 34.8847 | 27.4701 | 943.000 | 5.4945 | 34.8937 | 27.5322 |
| 872.000 | 5.9289 | 34.8848 | 27.4710 | 944.000 | 5.4880 | 34.8941 | 27.5333 |
| 873.000 | 5.9213 | 34.8847 | 27.4718 | 945.000 | 5.4876 | 34.8941 | 27.5333 |
| 874.000 | 5.9105 | 34.8853 | 27.4737 | 946.000 | 5.4868 | 34.8938 | 27.5332 |
| 875.000 | 5.9014 | 34.8854 | 27.4749 | 947.000 | 5.4829 | 34.8941 | 27.5339 |
| 876.000 | 5.8969 | 34.8845 | 27.4747 | 948.000 | 5.4805 | 34.8943 | 27.5343 |
| 877.000 | 5.8837 | 34.8854 | 27.4771 | 949.000 | 5.4798 | 34.8942 | 27.5343 |
| 878.000 | 5.8720 | 34.8859 | 27.4790 | 950.000 | 5.4790 | 34.8941 | 27.5344 |
| 879.000 | 5.8706 | 34.8855 | 27.4789 | 951.000 | 5.4778 | 34.8943 | 27.5346 |
| 880.000 | 5.8680 | 34.8859 | 27.4796 | 952.000 | 5.4762 | 34.8943 | 27.5348 |
| 881.000 | 5.8662 | 34.8858 | 27.4797 | 953.000 | 5.4738 | 34.8939 | 27.5349 |
| 882.000 | 5.8638 | 34.8855 | 27.4798 | 954.000 | 5.4710 | 34.8944 | 27.5356 |
| 883.000 | 5.8616 | 34.8857 | 27.4802 | 955.000 | 5.4681 | 34.8943 | 27.5359 |
| 884.000 | 5.8575 | 34.8853 | 27.4804 | 956.000 | 5.4657 | 34.8945 | 27.5363 |
| 885.000 | 5.8467 | 34.8858 | 27.4822 | 957.000 | 5.4609 | 34.8943 | 27.5367 |
| 886.000 | 5.8418 | 34.8859 | 27.4829 | 958.000 | 5.4573 | 34.8949 | 27.5376 |
| 887.000 | 5.8409 | 34.8860 | 27.4830 | 959.000 | 5.4517 | 34.8945 | 27.5380 |
| 888.000 | 5.8400 | 34.8860 | 27.4831 | 960.000 | 5.4304 | 34.8950 | 27.5410 |
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| 890.000 | 5.8283 | 34.8861 | 27.4847 | 962.000 | 5.4089 | 34.8967 | 27.5450 |
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| 892.000 | 5.8227 | 34.8857 | 27.4851 | 964.000 | 5.3977 | 34.8962 | 27.5459 |
| 893.000 | 5.8165 | 34.8860 | 27.4861 | 965.000 | 5.3914 | 34.8971 | 27.5474 |
| 894.000 | 5.8142 | 34.8861 | 27.4864 | 966.000 | 5.3902 | 34.8970 | 27.5475 |
| 895.000 | 5.8112 | 34.8860 | 27.4868 | 967.000 | 5.3876 | 34.8968 | 27.5476 |
| 896.000 | 5.8085 | 34.8862 | 27.4873 | 968.000 | 5.3851 | 34.8973 | 27.5483 |
| 897.000 | 5.8047 | 34.8862 | 27.4877 | 969.000 | 5.3811 | 34.8972 | 27.5487 |
| 898.000 | 5.8020 | 34.8863 | 27.4881 | 970.000 | 5.3778 | 34.8975 | 27.5493 |
| 899.000 | 5.8007 | 34.8862 | 27.4883 | 971.000 | 5.3773 | 34.8975 | 27.5494 |
| 900.000 | 5.7915 | 34.8837 | 27.4874 | 972.000 | 5.3771 | 34.8973 | 27.5493 |
| 901.000 | 5.7667 | 34.8867 | 27.4929 | 973.000 | 5.3766 | 34.8973 | 27.5494 |
| 902.000 | 5.7422 | 34.8855 | 27.4950 | 974.000 | 5.3761 | 34.8973 | 27.5494 |
| 903.000 | 5.7311 | 34.8881 | 27.4985 | 975.000 | 5.3729 | 34.8973 | 27.5497 |
| 904.000 | 5.7249 | 34.8876 | 27.4989 | 976.000 | 5.3681 | 34.8975 | 27.5505 |
| 905.000 | 5.7023 | 34.8879 | 27.5019 | 977.000 | 5.3658 | 34.8977 | 27.5510 |
| 906.000 | 5.6926 | 34.8885 | 27.5036 | 978.000 | 5.3642 | 34.8977 | 27.5511 |
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| 916.000 | 5.6250 | 34.8901 | 27.5132 | 988.000 | 5.3331 | 34.8989 | 27.5558 |
| 917.000 | 5.6218 | 34.8898 | 27.5134 | 989.000 | 5.3312 | 34.8989 | 27.5561 |
| 918.000 | 5.6161 | 34.8903 | 27.5145 | 990.000 | 5.3302 | 34.8991 | 27.5563 |
| 919.000 | 5.6104 | 34.8903 | 27.5152 | 991.000 | 5.3283 | 34.8989 | 27.5564 |
| 920.000 | 5.6070 | 34.8905 | 27.5158 | 992.000 | 5.3217 | 34.8992 | 27.5574 |
| 921.000 | 5.6067 | 34.8907 | 27.5160 | 993.000 | 5.3160 | 34.8997 | 27.5585 |
| 922.000 | 5.6055 | 34.8906 | 27.5161 | 994.000 | 5.3136 | 34.8995 | 27.5587 |
| 923.000 | 5.6050 | 34.8906 | 27.5161 | 995.000 | 5.3114 | 34.8998 | 27.5592 |
| 924.000 | 5.6045 | 34.8904 | 27.5160 | 996.000 | 5.3101 | 34.8997 | 27.5593 |
| 925.000 | 5.5979 | 34.8907 | 27.5171 | 997.000 | 5.3082 | 34.8997 | 27.5595 |
| 926.000 | 5.5963 | 34.8909 | 27.5174 | 998.000 | 5.3062 | 34.8995 | 27.5596 |
| 927.000 | 5.5951 | 34.8908 | 27.5175 | 999.000 | 5.3029 | 34.8996 | 27.5601 |
| 928.000 | 5.5934 | 34.8911 | 27.5179 | 1000.000 | 5.2990 | 34.9000 | 27.5608 |
| 929.000 | 5.5923 | 34.8911 | 27.5181 | 1001.000 | 5.2972 | 34.8999 | 27.5610 |
| 930.000 | 5.5915 | 34.8910 | 27.5181 | 1002.000 | 5.2939 | 34.9002 | 27.5616 |
| 931.000 | 5.5911 | 34.8909 | 27.5181 | | | | |
| 932.000 | 5.5892 | 34.8910 | 27.5184 | | | | |
| 933.000 | 5.5857 | 34.8909 | 27.5188 | | | | |
| 934.000 | 5.5841 | 34.8912 | 27.5191 | | | | |
| 935.000 | 5.5826 | 34.8910 | 27.5192 | | | | |
| 936.000 | 5.5749 | 34.8905 | 27.5198 | | | | |



Cruise: 92602
 Date: Wed Jan 29 1992, Julian day = 29
 Time: 00:32:37 GMT
 Lat: 26 45.000 N
 Lon: 92 35.500 W
 Stn. 12

| meters | temp | salinity | sigma-t | | | | |
|--------|---------|----------|---------|---------|---------|---------|---------|
| 1.000 | 22.5466 | 36.3324 | 25.0768 | 64.000 | 22.5203 | 36.3299 | 25.0824 |
| 2.000 | 22.5437 | 36.3339 | 25.0788 | 65.000 | 22.5173 | 36.3307 | 25.0839 |
| 3.000 | 22.5457 | 36.3346 | 25.0788 | 66.000 | 22.5161 | 36.3303 | 25.0839 |
| 4.000 | 22.5423 | 36.3330 | 25.0785 | 67.000 | 22.5025 | 36.3281 | 25.0862 |
| 5.000 | 22.5384 | 36.3342 | 25.0805 | 68.000 | 22.4992 | 36.3275 | 25.0866 |
| 6.000 | 22.5391 | 36.3350 | 25.0809 | 69.000 | 22.4757 | 36.3211 | 25.0885 |
| 7.000 | 22.5415 | 36.3342 | 25.0797 | 70.000 | 22.3923 | 36.3085 | 25.1027 |
| 8.000 | 22.5404 | 36.3343 | 25.0800 | 71.000 | 22.3415 | 36.3046 | 25.1143 |
| 9.000 | 22.5387 | 36.3347 | 25.0808 | 72.000 | 22.3288 | 36.2937 | 25.1095 |
| 10.000 | 22.5416 | 36.3343 | 25.0797 | 73.000 | 22.1904 | 36.2741 | 25.1340 |
| 11.000 | 22.5389 | 36.3346 | 25.0807 | 74.000 | 22.1111 | 36.2539 | 25.1411 |
| 12.000 | 22.5459 | 36.3348 | 25.0788 | 75.000 | 21.8949 | 36.2136 | 25.1714 |
| 13.000 | 22.5526 | 36.3340 | 25.0763 | 76.000 | 21.7419 | 36.1807 | 25.1893 |
| 14.000 | 22.5529 | 36.3340 | 25.0762 | 77.000 | 21.7200 | 36.1978 | 25.2084 |
| 15.000 | 22.5526 | 36.3342 | 25.0765 | 78.000 | 21.7281 | 36.2002 | 25.2079 |
| 16.000 | 22.5529 | 36.3342 | 25.0764 | 79.000 | 21.7119 | 36.1986 | 25.2112 |
| 17.000 | 22.5537 | 36.3341 | 25.0760 | 80.000 | 21.7124 | 36.1990 | 25.2114 |
| 18.000 | 22.5539 | 36.3340 | 25.0759 | 81.000 | 21.7119 | 36.1996 | 25.2120 |
| 19.000 | 22.5541 | 36.3341 | 25.0759 | 82.000 | 21.6987 | 36.1986 | 25.2149 |
| 20.000 | 22.5539 | 36.3342 | 25.0760 | 83.000 | 21.6077 | 36.1794 | 25.2257 |
| 21.000 | 22.5542 | 36.3342 | 25.0760 | 84.000 | 21.5387 | 36.1760 | 25.2423 |
| 22.000 | 22.5539 | 36.3341 | 25.0760 | 85.000 | 21.5405 | 36.1782 | 25.2435 |
| 23.000 | 22.5538 | 36.3339 | 25.0759 | 86.000 | 21.5179 | 36.1770 | 25.2488 |
| 24.000 | 22.5536 | 36.3341 | 25.0761 | 87.000 | 21.5085 | 36.1819 | 25.2552 |
| 25.000 | 22.5543 | 36.3340 | 25.0758 | 88.000 | 21.5109 | 36.1896 | 25.2604 |
| 26.000 | 22.5540 | 36.3340 | 25.0759 | 89.000 | 21.5083 | 36.1947 | 25.2650 |
| 27.000 | 22.5536 | 36.3340 | 25.0760 | 90.000 | 21.5049 | 36.1990 | 25.2692 |
| 28.000 | 22.5539 | 36.3342 | 25.0761 | 91.000 | 21.5084 | 36.2074 | 25.2746 |
| 29.000 | 22.5546 | 36.3342 | 25.0758 | 92.000 | 21.5076 | 36.2152 | 25.2808 |
| 30.000 | 22.5542 | 36.3342 | 25.0760 | 93.000 | 21.4645 | 36.2245 | 25.2998 |
| 31.000 | 22.5543 | 36.3343 | 25.0761 | 94.000 | 21.4187 | 36.2293 | 25.3162 |
| 32.000 | 22.5549 | 36.3340 | 25.0757 | 95.000 | 21.3787 | 36.2776 | 25.3641 |
| 33.000 | 22.5514 | 36.3341 | 25.0767 | 96.000 | 21.2707 | 36.3420 | 25.4429 |
| 34.000 | 22.5542 | 36.3342 | 25.0760 | 97.000 | 21.1025 | 36.3963 | 25.5306 |
| 35.000 | 22.5552 | 36.3343 | 25.0757 | 98.000 | 21.0146 | 36.4181 | 25.5713 |
| 36.000 | 22.5549 | 36.3343 | 25.0758 | 99.000 | 20.8838 | 36.4478 | 25.6297 |
| 37.000 | 22.5516 | 36.3342 | 25.0768 | 100.000 | 20.8040 | 36.4514 | 25.6543 |
| 38.000 | 22.5537 | 36.3337 | 25.0757 | 101.000 | 20.7649 | 36.4508 | 25.6644 |
| 39.000 | 22.5504 | 36.3338 | 25.0768 | 102.000 | 20.6913 | 36.4499 | 25.6838 |
| 40.000 | 22.5542 | 36.3342 | 25.0760 | 103.000 | 20.4809 | 36.4593 | 25.7479 |
| 41.000 | 22.5535 | 36.3340 | 25.0760 | 104.000 | 20.3673 | 36.4628 | 25.7811 |
| 42.000 | 22.5540 | 36.3340 | 25.0759 | 105.000 | 20.3195 | 36.4709 | 25.8002 |
| 43.000 | 22.5537 | 36.3339 | 25.0759 | 106.000 | 20.2405 | 36.4730 | 25.8230 |
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| 45.000 | 22.5509 | 36.3338 | 25.0767 | 108.000 | 20.1342 | 36.4778 | 25.8550 |
| 46.000 | 22.5510 | 36.3336 | 25.0765 | 109.000 | 20.1230 | 36.4774 | 25.8577 |
| 47.000 | 22.5508 | 36.3337 | 25.0766 | 110.000 | 20.0686 | 36.4775 | 25.8723 |
| 48.000 | 22.5508 | 36.3337 | 25.0766 | 111.000 | 19.9703 | 36.4818 | 25.9017 |
| 49.000 | 22.5515 | 36.3336 | 25.0763 | 112.000 | 19.8908 | 36.4828 | 25.9235 |
| 50.000 | 22.5497 | 36.3336 | 25.0769 | 113.000 | 19.8091 | 36.4851 | 25.9469 |
| 51.000 | 22.5489 | 36.3337 | 25.0771 | 114.000 | 19.7523 | 36.4955 | 25.9699 |
| 52.000 | 22.5481 | 36.3335 | 25.0772 | 115.000 | 19.7298 | 36.4977 | 25.9775 |
| 53.000 | 22.5489 | 36.3337 | 25.0771 | 116.000 | 19.6781 | 36.4942 | 25.9885 |
| 54.000 | 22.5487 | 36.3337 | 25.0772 | 117.000 | 19.5934 | 36.5007 | 26.0157 |
| 55.000 | 22.5471 | 36.3336 | 25.0776 | 118.000 | 19.5749 | 36.5000 | 26.0199 |
| 56.000 | 22.5477 | 36.3333 | 25.0771 | 119.000 | 19.5220 | 36.4963 | 26.0310 |
| 57.000 | 22.5461 | 36.3333 | 25.0776 | 120.000 | 19.4514 | 36.4926 | 26.0467 |
| 58.000 | 22.5462 | 36.3335 | 25.0778 | 121.000 | 19.4335 | 36.4938 | 26.0523 |
| 59.000 | 22.5454 | 36.3334 | 25.0779 | 122.000 | 19.4245 | 36.4927 | 26.0538 |
| 60.000 | 22.5408 | 36.3329 | 25.0789 | 123.000 | 19.4094 | 36.4881 | 26.0542 |
| 61.000 | 22.5407 | 36.3328 | 25.0788 | 124.000 | 19.3549 | 36.4847 | 26.0658 |
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| 63.000 | 22.5288 | 36.3327 | 25.0822 | 126.000 | 19.1348 | 36.4708 | 26.1122 |
| | | | | 127.000 | 19.0441 | 36.4748 | 26.1387 |
| | | | | 128.000 | 18.9918 | 36.4746 | 26.1520 |
| | | | | 129.000 | 18.9650 | 36.4712 | 26.1563 |
| | | | | 130.000 | 18.9295 | 36.4678 | 26.1629 |
| | | | | 131.000 | 18.8662 | 36.4615 | 26.1743 |
| | | | | 132.000 | 18.7972 | 36.4581 | 26.1893 |
| | | | | 133.000 | 18.7193 | 36.4485 | 26.2019 |
| | | | | 134.000 | 18.6518 | 36.4416 | 26.2138 |
| | | | | 135.000 | 18.6084 | 36.4353 | 26.2200 |

| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 136.000 | 18.5554 | 36.4329 | 26.2316 | 208.000 | 15.2893 | 36.0062 | 26.6844 |
| 137.000 | 18.5083 | 36.4325 | 26.2432 | 209.000 | 15.2515 | 35.9967 | 26.6856 |
| 138.000 | 18.4545 | 36.4267 | 26.2525 | 210.000 | 15.2227 | 35.9944 | 26.6902 |
| 139.000 | 18.3902 | 36.4102 | 26.2560 | 211.000 | 15.2031 | 35.9925 | 26.6932 |
| 140.000 | 18.2839 | 36.4099 | 26.2825 | 212.000 | 15.1861 | 35.9879 | 26.6934 |
| 141.000 | 18.2653 | 36.4088 | 26.2864 | 213.000 | 15.1576 | 35.9848 | 26.6974 |
| 142.000 | 18.2273 | 36.3964 | 26.2864 | 214.000 | 15.1367 | 35.9812 | 26.6992 |
| 143.000 | 18.1725 | 36.4020 | 26.3044 | 215.000 | 15.1072 | 35.9766 | 26.7023 |
| 144.000 | 18.1370 | 36.3983 | 26.3104 | 216.000 | 15.0910 | 35.9753 | 26.7049 |
| 145.000 | 18.1125 | 36.3999 | 26.3178 | 217.000 | 15.0876 | 35.9745 | 26.7050 |
| 146.000 | 18.0340 | 36.3889 | 26.3289 | 218.000 | 15.0804 | 35.9726 | 26.7052 |
| 147.000 | 17.9698 | 36.3781 | 26.3367 | 219.000 | 15.0662 | 35.9698 | 26.7062 |
| 148.000 | 17.9101 | 36.3769 | 26.3506 | 220.000 | 15.0203 | 35.9587 | 26.7078 |
| 149.000 | 17.7903 | 36.3459 | 26.3564 | 221.000 | 14.9667 | 35.9527 | 26.7150 |
| 150.000 | 17.7217 | 36.3515 | 26.3776 | 222.000 | 14.9167 | 35.9445 | 26.7197 |
| 151.000 | 17.6939 | 36.3468 | 26.3809 | 223.000 | 14.8568 | 35.9403 | 26.7297 |
| 152.000 | 17.6539 | 36.3451 | 26.3894 | 224.000 | 14.8363 | 35.9307 | 26.7267 |
| 153.000 | 17.6204 | 36.3362 | 26.3908 | 225.000 | 14.7884 | 35.9243 | 26.7324 |
| 154.000 | 17.5843 | 36.3305 | 26.3953 | 226.000 | 14.7648 | 35.9236 | 26.7370 |
| 155.000 | 17.4994 | 36.3234 | 26.4106 | 227.000 | 14.7412 | 35.9168 | 26.7369 |
| 156.000 | 17.4780 | 36.3191 | 26.4125 | 228.000 | 14.7240 | 35.9145 | 26.7388 |
| 157.000 | 17.4481 | 36.3137 | 26.4156 | 229.000 | 14.6918 | 35.9083 | 26.7412 |
| 158.000 | 17.3904 | 36.3041 | 26.4223 | 230.000 | 14.6276 | 35.9024 | 26.7506 |
| 159.000 | 17.3078 | 36.2962 | 26.4363 | 231.000 | 14.5631 | 35.8929 | 26.7573 |
| 160.000 | 17.2433 | 36.2835 | 26.4422 | 232.000 | 14.5596 | 35.8925 | 26.7578 |
| 161.000 | 17.1206 | 36.2709 | 26.4622 | 233.000 | 14.5568 | 35.8910 | 26.7572 |
| 162.000 | 17.0753 | 36.2660 | 26.4694 | 234.000 | 14.5386 | 35.8869 | 26.7580 |
| 163.000 | 17.0605 | 36.2636 | 26.4711 | 235.000 | 14.4807 | 35.8757 | 26.7619 |
| 164.000 | 17.0410 | 36.2595 | 26.4726 | 236.000 | 14.4615 | 35.8749 | 26.7654 |
| 165.000 | 16.9940 | 36.2517 | 26.4779 | 237.000 | 14.4469 | 35.8710 | 26.7656 |
| 166.000 | 16.9558 | 36.2473 | 26.4837 | 238.000 | 14.4168 | 35.8664 | 26.7685 |
| 167.000 | 16.9201 | 36.2431 | 26.4889 | 239.000 | 14.3788 | 35.8601 | 26.7719 |
| 168.000 | 16.8692 | 36.2364 | 26.4959 | 240.000 | 14.3281 | 35.8529 | 26.7772 |
| 169.000 | 16.7915 | 36.2230 | 26.5041 | 241.000 | 14.2779 | 35.8459 | 26.7826 |
| 170.000 | 16.7178 | 36.2143 | 26.5150 | 242.000 | 14.2385 | 35.8398 | 26.7863 |
| 171.000 | 16.6935 | 36.2129 | 26.5197 | 243.000 | 14.1997 | 35.8362 | 26.7919 |
| 172.000 | 16.6723 | 36.2089 | 26.5216 | 244.000 | 14.1625 | 35.8286 | 26.7939 |
| 173.000 | 16.6431 | 36.1978 | 26.5200 | 245.000 | 14.1236 | 35.8205 | 26.7960 |
| 174.000 | 16.5533 | 36.1883 | 26.5339 | 246.000 | 14.0793 | 35.8121 | 26.7989 |
| 175.000 | 16.4795 | 36.1820 | 26.5465 | 247.000 | 14.0181 | 35.8065 | 26.8075 |
| 176.000 | 16.4124 | 36.1703 | 26.5532 | 248.000 | 13.9815 | 35.7983 | 26.8090 |
| 177.000 | 16.3732 | 36.1690 | 26.5614 | 249.000 | 13.9519 | 35.7927 | 26.8109 |
| 178.000 | 16.3460 | 36.1644 | 26.5642 | 250.000 | 13.8831 | 35.7832 | 26.8181 |
| 179.000 | 16.3215 | 36.1589 | 26.5657 | 251.000 | 13.7978 | 35.7643 | 26.8214 |
| 180.000 | 16.2643 | 36.1514 | 26.5733 | 252.000 | 13.7103 | 35.7529 | 26.8310 |
| 181.000 | 16.2217 | 36.1437 | 26.5773 | 253.000 | 13.6522 | 35.7486 | 26.8397 |
| 182.000 | 16.1920 | 36.1400 | 26.5814 | 254.000 | 13.6136 | 35.7414 | 26.8422 |
| 183.000 | 16.1443 | 36.1351 | 26.5887 | 255.000 | 13.5778 | 35.7360 | 26.8455 |
| 184.000 | 16.1299 | 36.1309 | 26.5887 | 256.000 | 13.5442 | 35.7310 | 26.8486 |
| 185.000 | 16.1067 | 36.1277 | 26.5917 | 257.000 | 13.4986 | 35.7218 | 26.8509 |
| 186.000 | 16.0867 | 36.1251 | 26.5943 | 258.000 | 13.4351 | 35.7131 | 26.8573 |
| 187.000 | 16.0387 | 36.1160 | 26.5985 | 259.000 | 13.4077 | 35.7098 | 26.8604 |
| 188.000 | 15.9996 | 36.1124 | 26.6047 | 260.000 | 13.3936 | 35.7055 | 26.8599 |
| 189.000 | 15.9790 | 36.1091 | 26.6069 | 261.000 | 13.3367 | 35.6969 | 26.8650 |
| 190.000 | 15.9411 | 36.1042 | 26.6118 | 262.000 | 13.2750 | 35.6892 | 26.8717 |
| 191.000 | 15.9195 | 36.0983 | 26.6123 | 263.000 | 13.2617 | 35.6860 | 26.8720 |
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| 194.000 | 15.7964 | 36.0771 | 26.6242 | 266.000 | 13.1579 | 35.6633 | 26.8755 |
| 195.000 | 15.7566 | 36.0748 | 26.6315 | 267.000 | 13.0898 | 35.6585 | 26.8857 |
| 196.000 | 15.7191 | 36.0715 | 26.6375 | 268.000 | 13.0668 | 35.6565 | 26.8888 |
| 197.000 | 15.6833 | 36.0644 | 26.6402 | 269.000 | 13.0278 | 35.6489 | 26.8908 |
| 198.000 | 15.6508 | 36.0581 | 26.6428 | 270.000 | 12.9897 | 35.6420 | 26.8932 |
| 199.000 | 15.6109 | 36.0531 | 26.6480 | 271.000 | 12.9677 | 35.6397 | 26.8959 |
| 200.000 | 15.5621 | 36.0473 | 26.6546 | 272.000 | 12.9521 | 35.6372 | 26.8971 |
| 201.000 | 15.5351 | 36.0425 | 26.6570 | 273.000 | 12.9369 | 35.6343 | 26.8978 |
| 202.000 | 15.5218 | 36.0412 | 26.6591 | 274.000 | 12.9187 | 35.6311 | 26.8991 |
| 203.000 | 15.5145 | 36.0399 | 26.6597 | 275.000 | 12.8940 | 35.6266 | 26.9005 |
| 204.000 | 15.4843 | 36.0343 | 26.6622 | 276.000 | 12.8632 | 35.6232 | 26.9041 |
| 205.000 | 15.4401 | 36.0288 | 26.6679 | 277.000 | 12.8393 | 35.6172 | 26.9042 |
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| 207.000 | 15.3460 | 36.0128 | 26.6768 | 279.000 | 12.7917 | 35.6124 | 26.9101 |

| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 280.000 | 12.7839 | 35.6096 | 26.9094 | 352.000 | 11.2341 | 35.3754 | 27.0256 |
| 281.000 | 12.7631 | 35.6059 | 26.9108 | 353.000 | 11.2099 | 35.3713 | 27.0268 |
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| 283.000 | 12.6735 | 35.5928 | 26.9185 | 355.000 | 11.1802 | 35.3647 | 27.0272 |
| 284.000 | 12.6667 | 35.5928 | 26.9198 | 356.000 | 11.1351 | 35.3600 | 27.0318 |
| 285.000 | 12.6593 | 35.5911 | 26.9199 | 357.000 | 11.0934 | 35.3527 | 27.0338 |
| 286.000 | 12.6539 | 35.5895 | 26.9198 | 358.000 | 11.0645 | 35.3491 | 27.0362 |
| 287.000 | 12.6411 | 35.5850 | 26.9189 | 359.000 | 11.0385 | 35.3471 | 27.0394 |
| 288.000 | 12.6100 | 35.5798 | 26.9210 | 360.000 | 11.0310 | 35.3457 | 27.0397 |
| 289.000 | 12.5640 | 35.5768 | 26.9278 | 361.000 | 11.0280 | 35.3447 | 27.0394 |
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| 293.000 | 12.4652 | 35.5612 | 26.9352 | 365.000 | 10.9722 | 35.3316 | 27.0394 |
| 294.000 | 12.4306 | 35.5567 | 26.9385 | 366.000 | 10.9440 | 35.3327 | 27.0454 |
| 295.000 | 12.4228 | 35.5554 | 26.9390 | 367.000 | 10.9386 | 35.3317 | 27.0456 |
| 296.000 | 12.4162 | 35.5543 | 26.9394 | 368.000 | 10.9028 | 35.3263 | 27.0479 |
| 297.000 | 12.3690 | 35.5439 | 26.9406 | 369.000 | 10.8741 | 35.3219 | 27.0497 |
| 298.000 | 12.3326 | 35.5425 | 26.9467 | 370.000 | 10.8428 | 35.3162 | 27.0508 |
| 299.000 | 12.3116 | 35.5397 | 26.9486 | 371.000 | 10.8075 | 35.3137 | 27.0553 |
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| 306.000 | 12.1728 | 35.5192 | 26.9597 | 378.000 | 10.6930 | 35.2989 | 27.0643 |
| 307.000 | 12.1596 | 35.5167 | 26.9603 | 379.000 | 10.6666 | 35.2949 | 27.0659 |
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| 311.000 | 12.1116 | 35.5085 | 26.9633 | 383.000 | 10.5316 | 35.2765 | 27.0756 |
| 312.000 | 12.0945 | 35.5067 | 26.9651 | 384.000 | 10.4983 | 35.2716 | 27.0777 |
| 313.000 | 12.0787 | 35.5033 | 26.9656 | 385.000 | 10.4820 | 35.2692 | 27.0787 |
| 314.000 | 12.0591 | 35.4995 | 26.9664 | 386.000 | 10.4621 | 35.2655 | 27.0793 |
| 315.000 | 11.9910 | 35.4880 | 26.9706 | 387.000 | 10.4472 | 35.2642 | 27.0809 |
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| 326.000 | 11.6100 | 35.4285 | 26.9968 | 398.000 | 10.2585 | 35.2423 | 27.0969 |
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| 343.000 | 11.3057 | 35.3865 | 27.0210 | 415.000 | 9.9496 | 35.1998 | 27.1171 |
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| 345.000 | 11.2918 | 35.3845 | 27.0220 | 417.000 | 9.9198 | 35.2000 | 27.1224 |
| 346.000 | 11.2811 | 35.3823 | 27.0223 | 418.000 | 9.9172 | 35.1993 | 27.1223 |
| 347.000 | 11.2708 | 35.3819 | 27.0238 | 419.000 | 9.9084 | 35.1979 | 27.1227 |
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| 349.000 | 11.2404 | 35.3775 | 27.0261 | 421.000 | 9.8982 | 35.1965 | 27.1233 |
| 350.000 | 11.2425 | 35.3778 | 27.0259 | 422.000 | 9.8869 | 35.1945 | 27.1237 |
| 351.000 | 11.2437 | 35.3771 | 27.0252 | 423.000 | 9.8655 | 35.1914 | 27.1250 |

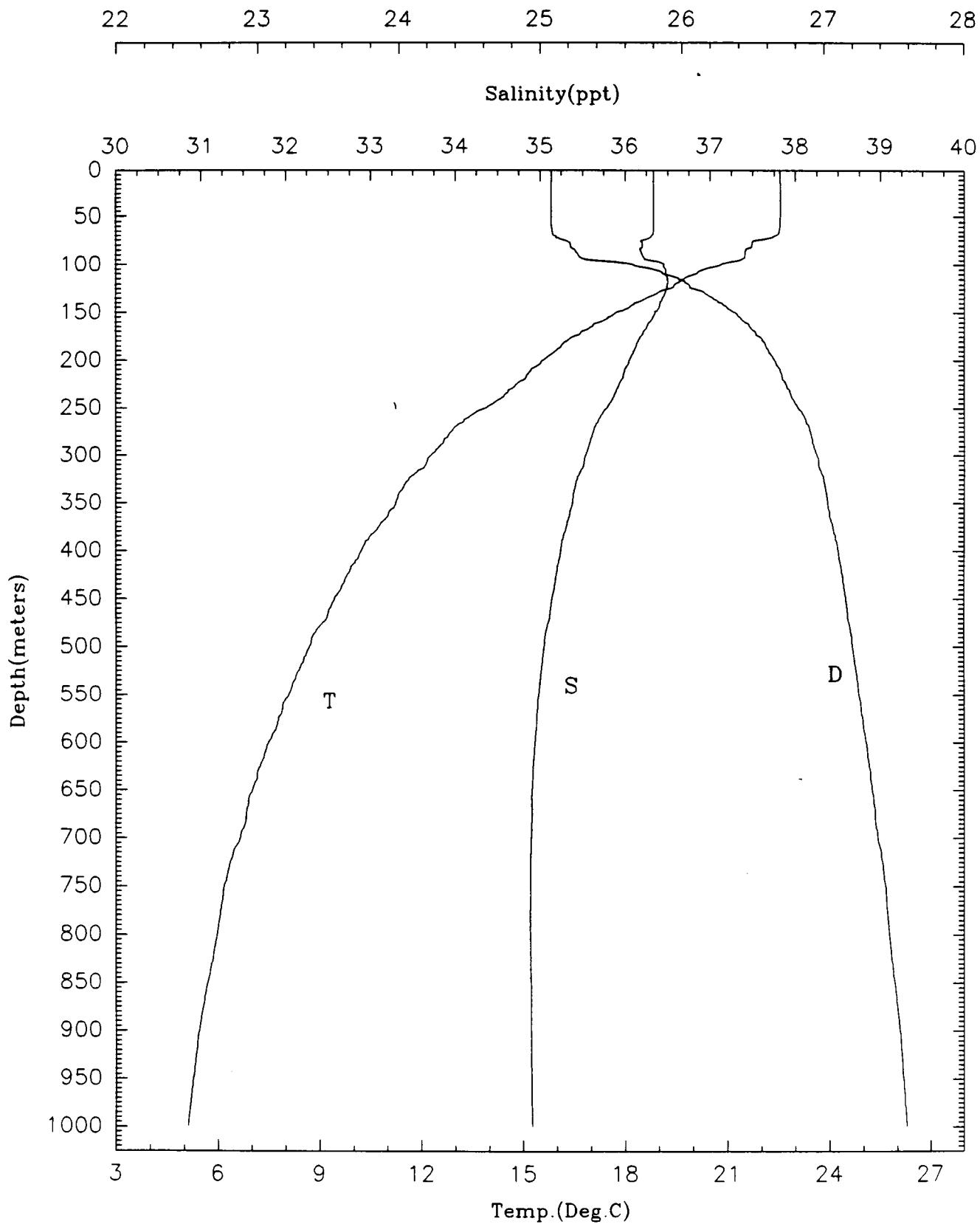
| | | | | | | | |
|---------|--------|---------|---------|---------|--------|---------|---------|
| 424.000 | 9.8363 | 35.1859 | 27.1256 | 496.000 | 8.7453 | 35.0503 | 27.1986 |
| 425.000 | 9.8089 | 35.1856 | 27.1300 | 497.000 | 8.7352 | 35.0494 | 27.1995 |
| 426.000 | 9.7934 | 35.1837 | 27.1312 | 498.000 | 8.7225 | 35.0485 | 27.2008 |
| 427.000 | 9.7799 | 35.1817 | 27.1319 | 499.000 | 8.7151 | 35.0472 | 27.2010 |
| 428.000 | 9.7701 | 35.1802 | 27.1323 | 500.000 | 8.7009 | 35.0458 | 27.2021 |
| 429.000 | 9.7613 | 35.1792 | 27.1331 | 501.000 | 8.6852 | 35.0435 | 27.2028 |
| 430.000 | 9.7486 | 35.1775 | 27.1339 | 502.000 | 8.6684 | 35.0421 | 27.2044 |
| 431.000 | 9.7346 | 35.1763 | 27.1354 | 503.000 | 8.6550 | 35.0398 | 27.2047 |
| 432.000 | 9.7302 | 35.1750 | 27.1351 | 504.000 | 8.6307 | 35.0382 | 27.2072 |
| 433.000 | 9.7272 | 35.1748 | 27.1354 | 505.000 | 8.6176 | 35.0373 | 27.2086 |
| 434.000 | 9.7071 | 35.1710 | 27.1358 | 506.000 | 8.6146 | 35.0369 | 27.2087 |
| 435.000 | 9.6823 | 35.1681 | 27.1377 | 507.000 | 8.6035 | 35.0353 | 27.2092 |
| 436.000 | 9.6630 | 35.1672 | 27.1403 | 508.000 | 8.5949 | 35.0354 | 27.2107 |
| 437.000 | 9.6494 | 35.1655 | 27.1412 | 509.000 | 8.5852 | 35.0326 | 27.2100 |
| 438.000 | 9.6383 | 35.1642 | 27.1421 | 510.000 | 8.5558 | 35.0268 | 27.2100 |
| 439.000 | 9.6331 | 35.1635 | 27.1424 | 511.000 | 8.5314 | 35.0284 | 27.2151 |
| 440.000 | 9.6218 | 35.1611 | 27.1424 | 512.000 | 8.5295 | 35.0289 | 27.2157 |
| 441.000 | 9.6043 | 35.1596 | 27.1442 | 513.000 | 8.5250 | 35.0267 | 27.2148 |
| 442.000 | 9.5785 | 35.1538 | 27.1440 | 514.000 | 8.5204 | 35.0277 | 27.2163 |
| 443.000 | 9.5609 | 35.1538 | 27.1469 | 515.000 | 8.5177 | 35.0270 | 27.2162 |
| 444.000 | 9.5437 | 35.1507 | 27.1473 | 516.000 | 8.5132 | 35.0267 | 27.2166 |
| 445.000 | 9.5175 | 35.1466 | 27.1485 | 517.000 | 8.4839 | 35.0201 | 27.2160 |
| 446.000 | 9.5053 | 35.1455 | 27.1497 | 518.000 | 8.4534 | 35.0202 | 27.2208 |
| 447.000 | 9.4709 | 35.1419 | 27.1526 | 519.000 | 8.4440 | 35.0199 | 27.2220 |
| 448.000 | 9.4558 | 35.1394 | 27.1531 | 520.000 | 8.4346 | 35.0186 | 27.2224 |
| 449.000 | 9.4375 | 35.1371 | 27.1544 | 521.000 | 8.4232 | 35.0167 | 27.2227 |
| 450.000 | 9.4305 | 35.1363 | 27.1549 | 522.000 | 8.4113 | 35.0165 | 27.2244 |
| 451.000 | 9.4261 | 35.1354 | 27.1549 | 523.000 | 8.4080 | 35.0159 | 27.2245 |
| 452.000 | 9.4184 | 35.1338 | 27.1550 | 524.000 | 8.3904 | 35.0124 | 27.2244 |
| 453.000 | 9.3921 | 35.1298 | 27.1562 | 525.000 | 8.3852 | 35.0135 | 27.2261 |
| 454.000 | 9.3740 | 35.1290 | 27.1586 | 526.000 | 8.3518 | 35.0105 | 27.2289 |
| 455.000 | 9.3659 | 35.1279 | 27.1590 | 527.000 | 8.3458 | 35.0097 | 27.2292 |
| 456.000 | 9.3556 | 35.1273 | 27.1602 | 528.000 | 8.3254 | 35.0079 | 27.2309 |
| 457.000 | 9.3494 | 35.1256 | 27.1600 | 529.000 | 8.3177 | 35.0086 | 27.2326 |
| 458.000 | 9.3371 | 35.1246 | 27.1612 | 530.000 | 8.3025 | 35.0060 | 27.2330 |
| 459.000 | 9.3206 | 35.1227 | 27.1624 | 531.000 | 8.2792 | 35.0051 | 27.2358 |
| 460.000 | 9.3077 | 35.1199 | 27.1624 | 532.000 | 8.2825 | 35.0051 | 27.2353 |
| 461.000 | 9.2828 | 35.1168 | 27.1640 | 533.000 | 8.2819 | 35.0049 | 27.2352 |
| 462.000 | 9.2665 | 35.1157 | 27.1658 | 534.000 | 8.2753 | 35.0039 | 27.2355 |
| 463.000 | 9.2603 | 35.1153 | 27.1665 | 535.000 | 8.2546 | 34.9999 | 27.2355 |
| 464.000 | 9.2560 | 35.1144 | 27.1665 | 536.000 | 8.2249 | 34.9978 | 27.2384 |
| 465.000 | 9.2500 | 35.1136 | 27.1669 | 537.000 | 8.2115 | 34.9973 | 27.2400 |
| 466.000 | 9.2388 | 35.1129 | 27.1682 | 538.000 | 8.2043 | 34.9961 | 27.2402 |
| 467.000 | 9.2327 | 35.1114 | 27.1680 | 539.000 | 8.1971 | 34.9952 | 27.2406 |
| 468.000 | 9.2256 | 35.1100 | 27.1681 | 540.000 | 8.1900 | 34.9944 | 27.2411 |
| 469.000 | 9.2210 | 35.1101 | 27.1689 | 541.000 | 8.1785 | 34.9933 | 27.2419 |
| 470.000 | 9.2151 | 35.1081 | 27.1683 | 542.000 | 8.1727 | 34.9917 | 27.2416 |
| 471.000 | 9.1945 | 35.1048 | 27.1691 | 543.000 | 8.1585 | 34.9900 | 27.2424 |
| 472.000 | 9.1736 | 35.1035 | 27.1715 | 544.000 | 8.1490 | 34.9898 | 27.2437 |
| 473.000 | 9.1557 | 35.0996 | 27.1713 | 545.000 | 8.1460 | 34.9891 | 27.2436 |
| 474.000 | 9.1124 | 35.0940 | 27.1740 | 546.000 | 8.1207 | 34.9859 | 27.2449 |
| 475.000 | 9.0885 | 35.0925 | 27.1767 | 547.000 | 8.1132 | 34.9864 | 27.2464 |
| 476.000 | 9.0582 | 35.0864 | 27.1769 | 548.000 | 8.1085 | 34.9855 | 27.2465 |
| 477.000 | 9.0170 | 35.0837 | 27.1813 | 549.000 | 8.0886 | 34.9833 | 27.2477 |
| 478.000 | 8.9978 | 35.0818 | 27.1830 | 550.000 | 8.0804 | 34.9830 | 27.2487 |
| 479.000 | 8.9784 | 35.0783 | 27.1834 | 551.000 | 8.0732 | 34.9820 | 27.2490 |
| 480.000 | 8.9540 | 35.0754 | 27.1850 | 552.000 | 8.0515 | 34.9793 | 27.2501 |
| 481.000 | 8.9350 | 35.0720 | 27.1854 | 553.000 | 8.0311 | 34.9769 | 27.2514 |
| 482.000 | 8.9094 | 35.0701 | 27.1880 | 554.000 | 7.9945 | 34.9748 | 27.2552 |
| 483.000 | 8.8949 | 35.0688 | 27.1893 | 555.000 | 7.9822 | 34.9736 | 27.2561 |
| 484.000 | 8.8919 | 35.0674 | 27.1887 | 556.000 | 7.9648 | 34.9725 | 27.2579 |
| 485.000 | 8.8703 | 35.0633 | 27.1890 | 557.000 | 7.9537 | 34.9703 | 27.2578 |
| 486.000 | 8.8436 | 35.0616 | 27.1919 | 558.000 | 7.9326 | 34.9692 | 27.2601 |
| 487.000 | 8.8260 | 35.0593 | 27.1928 | 559.000 | 7.9205 | 34.9686 | 27.2614 |
| 488.000 | 8.8125 | 35.0563 | 27.1926 | 560.000 | 7.9155 | 34.9681 | 27.2618 |
| 489.000 | 8.7904 | 35.0546 | 27.1948 | 561.000 | 7.9057 | 34.9678 | 27.2630 |
| 490.000 | 8.7703 | 35.0536 | 27.1972 | 562.000 | 7.9036 | 34.9674 | 27.2630 |
| 491.000 | 8.7623 | 35.0527 | 27.1978 | 563.000 | 7.9002 | 34.9675 | 27.2636 |
| 492.000 | 8.7593 | 35.0527 | 27.1983 | 564.000 | 7.8980 | 34.9675 | 27.2639 |
| 493.000 | 8.7572 | 35.0517 | 27.1979 | 565.000 | 7.8954 | 34.9670 | 27.2639 |
| 494.000 | 8.7517 | 35.0515 | 27.1985 | 566.000 | 7.8929 | 34.9671 | 27.2644 |
| 495.000 | 8.7487 | 35.0510 | 27.1986 | 567.000 | 7.8873 | 34.9664 | 27.2646 |

| | | | | | | | |
|---------|--------|---------|---------|---------|--------|---------|---------|
| 568.000 | 7.8791 | 34.9650 | 27.2648 | 640.000 | 7.1235 | 34.9102 | 27.3311 |
| 569.000 | 7.8717 | 34.9649 | 27.2658 | 641.000 | 7.1011 | 34.9099 | 27.3340 |
| 570.000 | 7.8616 | 34.9623 | 27.2653 | 642.000 | 7.0883 | 34.9094 | 27.3353 |
| 571.000 | 7.8409 | 34.9606 | 27.2670 | 643.000 | 7.0800 | 34.9083 | 27.3356 |
| 572.000 | 7.8031 | 34.9591 | 27.2714 | 644.000 | 7.0667 | 34.9078 | 27.3371 |
| 573.000 | 7.7867 | 34.9592 | 27.2739 | 645.000 | 7.0567 | 34.9074 | 27.3382 |
| 574.000 | 7.7791 | 34.9580 | 27.2742 | 646.000 | 7.0431 | 34.9058 | 27.3388 |
| 575.000 | 7.7754 | 34.9588 | 27.2753 | 647.000 | 7.0344 | 34.9061 | 27.3403 |
| 576.000 | 7.7739 | 34.9593 | 27.2759 | 648.000 | 7.0325 | 34.9057 | 27.3402 |
| 577.000 | 7.7696 | 34.9595 | 27.2767 | 649.000 | 7.0279 | 34.9051 | 27.3404 |
| 578.000 | 7.7534 | 34.9580 | 27.2779 | 650.000 | 7.0116 | 34.9036 | 27.3415 |
| 579.000 | 7.7480 | 34.9583 | 27.2789 | 651.000 | 7.0019 | 34.9029 | 27.3423 |
| 580.000 | 7.7484 | 34.9581 | 27.2787 | 652.000 | 6.9928 | 34.9025 | 27.3433 |
| 581.000 | 7.7442 | 34.9580 | 27.2793 | 653.000 | 6.9687 | 34.8996 | 27.3443 |
| 582.000 | 7.7358 | 34.9566 | 27.2794 | 654.000 | 6.9493 | 34.9001 | 27.3474 |
| 583.000 | 7.7168 | 34.9554 | 27.2812 | 655.000 | 6.9319 | 34.8998 | 27.3496 |
| 584.000 | 7.7126 | 34.9561 | 27.2824 | 656.000 | 6.9184 | 34.8988 | 27.3507 |
| 585.000 | 7.7117 | 34.9557 | 27.2822 | 657.000 | 6.9134 | 34.8992 | 27.3517 |
| 586.000 | 7.7061 | 34.9544 | 27.2820 | 658.000 | 6.9104 | 34.8988 | 27.3517 |
| 587.000 | 7.6877 | 34.9530 | 27.2837 | 659.000 | 6.9084 | 34.8984 | 27.3517 |
| 588.000 | 7.6573 | 34.9498 | 27.2856 | 660.000 | 6.9043 | 34.8988 | 27.3526 |
| 589.000 | 7.6504 | 34.9487 | 27.2858 | 661.000 | 6.9050 | 34.9002 | 27.3536 |
| 590.000 | 7.6189 | 34.9450 | 27.2875 | 662.000 | 6.9039 | 34.9003 | 27.3538 |
| 591.000 | 7.5965 | 34.9470 | 27.2923 | 663.000 | 6.9031 | 34.9003 | 27.3539 |
| 592.000 | 7.5932 | 34.9454 | 27.2915 | 664.000 | 6.9010 | 34.9006 | 27.3544 |
| 593.000 | 7.5891 | 34.9453 | 27.2920 | 665.000 | 6.8967 | 34.8993 | 27.3540 |
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| 597.000 | 7.5408 | 34.9400 | 27.2949 | 669.000 | 6.8585 | 34.9001 | 27.3600 |
| 598.000 | 7.5211 | 34.9396 | 27.2974 | 670.000 | 6.8519 | 34.9003 | 27.3610 |
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| 600.000 | 7.4911 | 34.9363 | 27.2992 | 672.000 | 6.8444 | 34.9008 | 27.3625 |
| 601.000 | 7.4710 | 34.9363 | 27.3021 | 673.000 | 6.8433 | 34.9005 | 27.3623 |
| 602.000 | 7.4602 | 34.9356 | 27.3031 | 674.000 | 6.8395 | 34.9005 | 27.3629 |
| 603.000 | 7.4481 | 34.9331 | 27.3029 | 675.000 | 6.8371 | 34.9004 | 27.3631 |
| 604.000 | 7.4350 | 34.9336 | 27.3052 | 676.000 | 6.8347 | 34.9000 | 27.3631 |
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| 607.000 | 7.4207 | 34.9318 | 27.3057 | 679.000 | 6.8265 | 34.8998 | 27.3641 |
| 608.000 | 7.4056 | 34.9310 | 27.3073 | 680.000 | 6.8244 | 34.8999 | 27.3645 |
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| 611.000 | 7.3815 | 34.9288 | 27.3091 | 683.000 | 6.8186 | 34.8992 | 27.3647 |
| 612.000 | 7.3631 | 34.9277 | 27.3108 | 684.000 | 6.8121 | 34.8992 | 27.3656 |
| 613.000 | 7.3525 | 34.9271 | 27.3118 | 685.000 | 6.8069 | 34.8991 | 27.3663 |
| 614.000 | 7.3483 | 34.9271 | 27.3125 | 686.000 | 6.8041 | 34.8990 | 27.3665 |
| 615.000 | 7.3481 | 34.9270 | 27.3124 | 687.000 | 6.7939 | 34.8978 | 27.3670 |
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| 617.000 | 7.3377 | 34.9240 | 27.3115 | 689.000 | 6.7696 | 34.8981 | 27.3706 |
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| 621.000 | 7.2724 | 34.9211 | 27.3186 | 693.000 | 6.6896 | 34.8958 | 27.3796 |
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| 624.000 | 7.2467 | 34.9200 | 27.3214 | 696.000 | 6.6745 | 34.8947 | 27.3808 |
| 625.000 | 7.2399 | 34.9189 | 27.3215 | 697.000 | 6.6700 | 34.8947 | 27.3815 |
| 626.000 | 7.2078 | 34.9138 | 27.3220 | 698.000 | 6.6675 | 34.8946 | 27.3817 |
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| 629.000 | 7.1802 | 34.9137 | 27.3258 | 701.000 | 6.6515 | 34.8938 | 27.3832 |
| 630.000 | 7.1636 | 34.9144 | 27.3287 | 702.000 | 6.6426 | 34.8929 | 27.3837 |
| 631.000 | 7.1568 | 34.9144 | 27.3297 | 703.000 | 6.6346 | 34.8924 | 27.3844 |
| 632.000 | 7.1529 | 34.9138 | 27.3297 | 704.000 | 6.6235 | 34.8921 | 27.3857 |
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| 635.000 | 7.1489 | 34.9135 | 27.3301 | 707.000 | 6.5666 | 34.8906 | 27.3921 |
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| 638.000 | 7.1437 | 34.9128 | 27.3303 | 710.000 | 6.5146 | 34.8895 | 27.3982 |
| 639.000 | 7.1400 | 34.9124 | 27.3305 | 711.000 | 6.5003 | 34.8887 | 27.3995 |

| | | | | | | | |
|---------|--------|---------|---------|---------|--------|---------|---------|
| 712.000 | 6.4760 | 34.8884 | 27.4025 | 784.000 | 6.0407 | 34.8826 | 27.4549 |
| 713.000 | 6.4648 | 34.8885 | 27.4041 | 785.000 | 6.0383 | 34.8822 | 27.4549 |
| 714.000 | 6.4591 | 34.8882 | 27.4046 | 786.000 | 6.0336 | 34.8824 | 27.4557 |
| 715.000 | 6.4521 | 34.8880 | 27.4054 | 787.000 | 6.0310 | 34.8826 | 27.4562 |
| 716.000 | 6.4486 | 34.8877 | 27.4057 | 788.000 | 6.0226 | 34.8814 | 27.4563 |
| 717.000 | 6.4442 | 34.8875 | 27.4060 | 789.000 | 6.0199 | 34.8829 | 27.4578 |
| 718.000 | 6.4389 | 34.8873 | 27.4066 | 790.000 | 6.0221 | 34.8826 | 27.4573 |
| 719.000 | 6.4355 | 34.8873 | 27.4071 | 791.000 | 6.0199 | 34.8826 | 27.4576 |
| 720.000 | 6.4258 | 34.8847 | 27.4063 | 792.000 | 6.0139 | 34.8820 | 27.4579 |
| 721.000 | 6.4061 | 34.8866 | 27.4104 | 793.000 | 6.0083 | 34.8826 | 27.4590 |
| 722.000 | 6.4039 | 34.8870 | 27.4110 | 794.000 | 6.0041 | 34.8823 | 27.4594 |
| 723.000 | 6.3928 | 34.8855 | 27.4113 | 795.000 | 5.9961 | 34.8826 | 27.4606 |
| 724.000 | 6.3738 | 34.8857 | 27.4140 | 796.000 | 5.9897 | 34.8824 | 27.4613 |
| 725.000 | 6.3656 | 34.8855 | 27.4149 | 797.000 | 5.9861 | 34.8823 | 27.4617 |
| 726.000 | 6.3588 | 34.8856 | 27.4158 | 798.000 | 5.9801 | 34.8826 | 27.4627 |
| 727.000 | 6.3453 | 34.8847 | 27.4169 | 799.000 | 5.9752 | 34.8833 | 27.4639 |
| 728.000 | 6.3343 | 34.8848 | 27.4185 | 800.000 | 5.9721 | 34.8827 | 27.4638 |
| 729.000 | 6.3326 | 34.8851 | 27.4189 | 801.000 | 5.9688 | 34.8828 | 27.4643 |
| 730.000 | 6.3294 | 34.8845 | 27.4189 | 802.000 | 5.9674 | 34.8829 | 27.4646 |
| 731.000 | 6.3248 | 34.8845 | 27.4195 | 803.000 | 5.9658 | 34.8828 | 27.4646 |
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| 735.000 | 6.2987 | 34.8837 | 27.4222 | 807.000 | 5.9384 | 34.8836 | 27.4688 |
| 736.000 | 6.2915 | 34.8838 | 27.4233 | 808.000 | 5.9326 | 34.8832 | 27.4692 |
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| 739.000 | 6.2683 | 34.8832 | 27.4259 | 811.000 | 5.9144 | 34.8836 | 27.4719 |
| 740.000 | 6.2647 | 34.8833 | 27.4265 | 812.000 | 5.9123 | 34.8837 | 27.4722 |
| 741.000 | 6.2620 | 34.8832 | 27.4267 | 813.000 | 5.9072 | 34.8830 | 27.4723 |
| 742.000 | 6.2557 | 34.8834 | 27.4277 | 814.000 | 5.8983 | 34.8832 | 27.4736 |
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| 744.000 | 6.2473 | 34.8828 | 27.4283 | 816.000 | 5.8882 | 34.8837 | 27.4753 |
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| 752.000 | 6.1679 | 34.8833 | 27.4391 | 824.000 | 5.8574 | 34.8848 | 27.4800 |
| 753.000 | 6.1651 | 34.8831 | 27.4392 | 825.000 | 5.8551 | 34.8845 | 27.4801 |
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| 756.000 | 6.1572 | 34.8830 | 27.4402 | 828.000 | 5.8381 | 34.8844 | 27.4822 |
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| 760.000 | 6.1477 | 34.8829 | 27.4413 | 832.000 | 5.8012 | 34.8858 | 27.4879 |
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|---------|--------|---------|---------|---------|--------|---------|---------|
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| 868.000 | 5.6035 | 34.8901 | 27.5159 | 940.000 | 5.3060 | 34.8996 | 27.5597 |
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| 923.000 | 5.3551 | 34.8978 | 27.5523 | 995.000 | 5.1274 | 34.9064 | 27.5863 |
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| 926.000 | 5.3463 | 34.8978 | 27.5533 | 998.000 | 5.1206 | 34.9069 | 27.5875 |
| 927.000 | 5.3432 | 34.8980 | 27.5539 | 999.000 | 5.1199 | 34.9069 | 27.5875 |

| | | | |
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| 1001.000 | 5.1149 | 34.9069 | 27.5882 |
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Cruise: 92G02
 Date: Wed Jan 29 1992, Julian day = 29
 Time: 05:54:16 GMT
 Lat: 27 14.981 N
 Lon: 93 00.389 W
 Stn. 14

| meters | temp | salinity | sigma-t |
|--------|---------|----------|---------|
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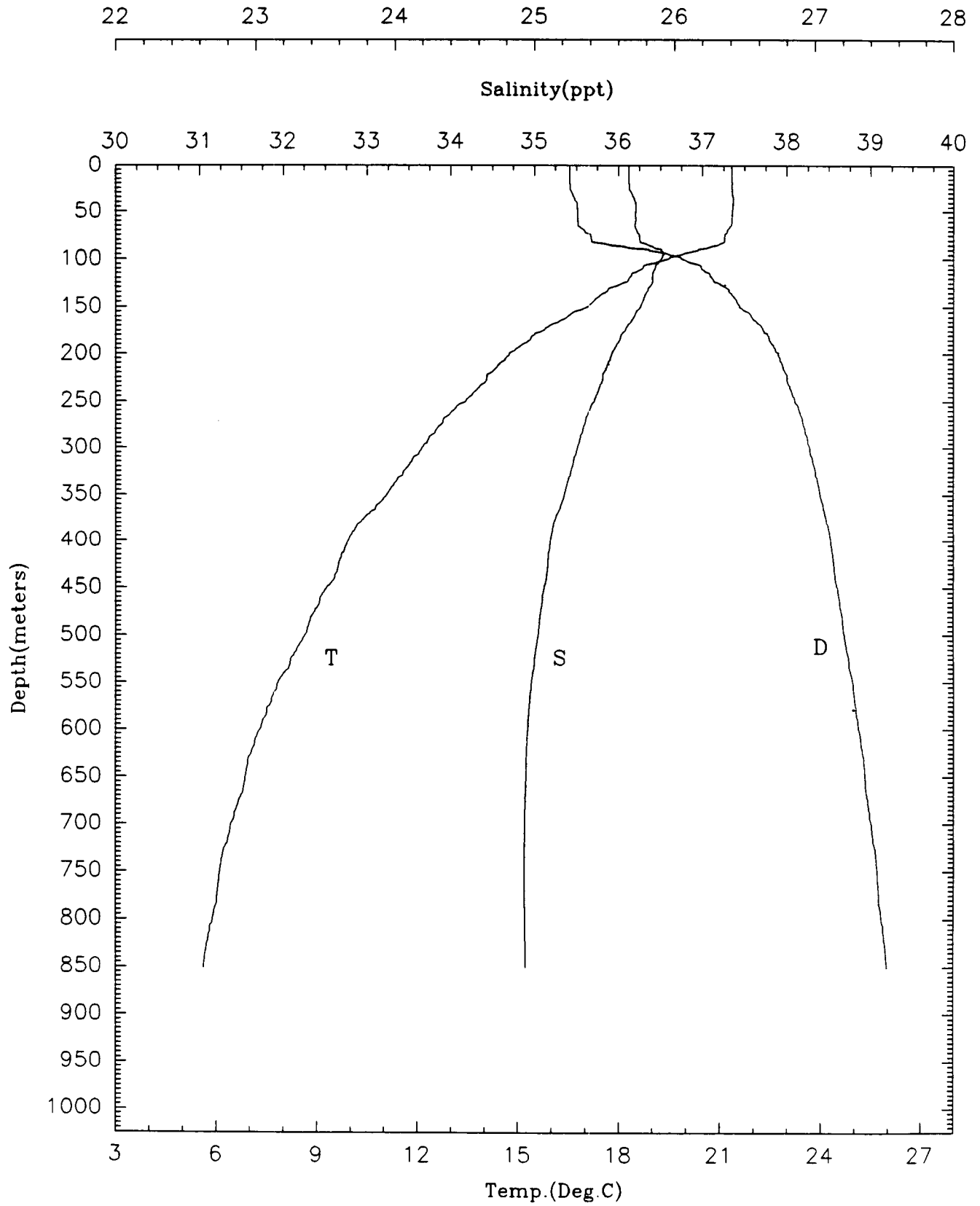
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|---------|---------|---------|---------|---------|---------|---------|---------|
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| 147.000 | 17.1764 | 36.2764 | 26.4529 | 219.000 | 14.2482 | 35.8393 | 26.7838 |
| 148.000 | 17.1329 | 36.2708 | 26.4592 | 220.000 | 14.2090 | 35.8348 | 26.7888 |
| 149.000 | 17.1141 | 36.2677 | 26.4613 | 221.000 | 14.1505 | 35.8232 | 26.7923 |
| 150.000 | 17.1038 | 36.2653 | 26.4619 | 222.000 | 14.1001 | 35.8180 | 26.7990 |
| 151.000 | 17.0183 | 36.2529 | 26.4730 | 223.000 | 14.0840 | 35.8177 | 26.8022 |
| 152.000 | 16.9630 | 36.2482 | 26.4826 | 224.000 | 14.0815 | 35.8153 | 26.8009 |
| 153.000 | 16.9058 | 36.2369 | 26.4876 | 225.000 | 14.0771 | 35.8149 | 26.8015 |
| 154.000 | 16.8126 | 36.2245 | 26.5003 | 226.000 | 14.0738 | 35.8144 | 26.8018 |
| 155.000 | 16.7135 | 36.2182 | 26.5191 | 227.000 | 14.0722 | 35.8137 | 26.8017 |
| 156.000 | 16.6463 | 36.2113 | 26.5296 | 228.000 | 14.0711 | 35.8132 | 26.8015 |
| 157.000 | 16.6150 | 36.2082 | 26.5347 | 229.000 | 14.0598 | 35.8102 | 26.8016 |
| 158.000 | 16.5693 | 36.2021 | 26.5408 | 230.000 | 14.0333 | 35.8058 | 26.8038 |
| 159.000 | 16.5266 | 36.1959 | 26.5461 | 231.000 | 14.0103 | 35.8032 | 26.8067 |
| 160.000 | 16.4950 | 36.1897 | 26.5487 | 232.000 | 13.9733 | 35.7958 | 26.8088 |
| 161.000 | 16.4634 | 36.1848 | 26.5524 | 233.000 | 13.9104 | 35.7846 | 26.8134 |
| 162.000 | 16.4181 | 36.1796 | 26.5591 | 234.000 | 13.8824 | 35.7836 | 26.8186 |
| 163.000 | 16.3764 | 36.1698 | 26.5613 | 235.000 | 13.8643 | 35.7818 | 26.8209 |
| 164.000 | 16.3050 | 36.1622 | 26.5722 | 236.000 | 13.8506 | 35.7769 | 26.8200 |
| 165.000 | 16.2431 | 36.1563 | 26.5820 | 237.000 | 13.8087 | 35.7702 | 26.8236 |
| 166.000 | 16.2228 | 36.1520 | 26.5835 | 238.000 | 13.7859 | 35.7693 | 26.8278 |
| 167.000 | 16.1558 | 36.1409 | 26.5904 | 239.000 | 13.7510 | 35.7632 | 26.8304 |
| 168.000 | 16.0768 | 36.1302 | 26.6006 | 240.000 | 13.7210 | 35.7584 | 26.8329 |
| 169.000 | 16.0003 | 36.1187 | 26.6094 | 241.000 | 13.6954 | 35.7536 | 26.8345 |
| 170.000 | 15.9527 | 36.1132 | 26.6161 | 242.000 | 13.6654 | 35.7503 | 26.8382 |
| 171.000 | 15.8991 | 36.1042 | 26.6215 | 243.000 | 13.6501 | 35.7476 | 26.8394 |
| 172.000 | 15.8455 | 36.0960 | 26.6275 | 244.000 | 13.6268 | 35.7415 | 26.8395 |
| 173.000 | 15.8295 | 36.0923 | 26.6284 | 245.000 | 13.5753 | 35.7351 | 26.8453 |
| 174.000 | 15.8109 | 36.0895 | 26.6305 | 246.000 | 13.5550 | 35.7329 | 26.8478 |
| 175.000 | 15.7835 | 36.0851 | 26.6333 | 247.000 | 13.5198 | 35.7262 | 26.8499 |
| 176.000 | 15.7053 | 36.0729 | 26.6418 | 248.000 | 13.4860 | 35.7219 | 26.8536 |
| 177.000 | 15.6687 | 36.0560 | 26.6371 | 249.000 | 13.4686 | 35.7187 | 26.8547 |
| 178.000 | 15.5363 | 36.0496 | 26.6622 | 250.000 | 13.4509 | 35.7155 | 26.8559 |
| 179.000 | 15.5224 | 36.0440 | 26.6611 | 251.000 | 13.4021 | 35.7065 | 26.8590 |
| 180.000 | 15.4923 | 36.0383 | 26.6635 | 252.000 | 13.3504 | 35.6967 | 26.8620 |
| 181.000 | 15.4329 | 36.0316 | 26.6717 | 253.000 | 13.2694 | 35.6878 | 26.8718 |
| 182.000 | 15.4065 | 36.0275 | 26.6745 | 254.000 | 13.2296 | 35.6799 | 26.8738 |
| 183.000 | 15.4011 | 36.0261 | 26.6747 | 255.000 | 13.1899 | 35.6758 | 26.8787 |
| 184.000 | 15.3990 | 36.0253 | 26.6745 | 256.000 | 13.1697 | 35.6728 | 26.8806 |
| 185.000 | 15.3845 | 36.0218 | 26.6751 | 257.000 | 13.1641 | 35.6711 | 26.8804 |
| 186.000 | 15.3304 | 36.0129 | 26.6804 | 258.000 | 13.1331 | 35.6658 | 26.8825 |
| 187.000 | 15.3168 | 36.0113 | 26.6822 | 259.000 | 13.1075 | 35.6622 | 26.8850 |
| 188.000 | 15.2731 | 36.0045 | 26.6867 | 260.000 | 13.0834 | 35.6584 | 26.8869 |
| 189.000 | 15.2141 | 35.9912 | 26.6897 | 261.000 | 13.0447 | 35.6498 | 26.8881 |
| 190.000 | 15.1381 | 35.9819 | 26.6995 | 262.000 | 13.0137 | 35.6467 | 26.8920 |
| 191.000 | 15.1139 | 35.9812 | 26.7043 | 263.000 | 12.9930 | 35.6455 | 26.8952 |
| 192.000 | 15.0806 | 35.9730 | 26.7054 | 264.000 | 12.9680 | 35.6397 | 26.8958 |
| 193.000 | 15.0510 | 35.9676 | 26.7078 | 265.000 | 12.9363 | 35.6359 | 26.8992 |
| 194.000 | 15.0066 | 35.9599 | 26.7117 | 266.000 | 12.8975 | 35.6270 | 26.9001 |
| 195.000 | 14.9598 | 35.9556 | 26.7187 | 267.000 | 12.8334 | 35.6161 | 26.9046 |
| 196.000 | 14.9327 | 35.9474 | 26.7184 | 268.000 | 12.8119 | 35.6166 | 26.9093 |
| 197.000 | 14.8947 | 35.9403 | 26.7213 | 269.000 | 12.8008 | 35.6147 | 26.9100 |
| 198.000 | 14.8418 | 35.9290 | 26.7243 | 270.000 | 12.7873 | 35.6119 | 26.9105 |
| 199.000 | 14.7580 | 35.9288 | 26.7425 | 271.000 | 12.7750 | 35.6102 | 26.9117 |
| 200.000 | 14.7617 | 35.9231 | 26.7373 | 272.000 | 12.7690 | 35.6087 | 26.9117 |
| 201.000 | 14.7458 | 35.9207 | 26.7389 | 273.000 | 12.7608 | 35.6074 | 26.9124 |
| 202.000 | 14.7306 | 35.9186 | 26.7406 | 274.000 | 12.7503 | 35.6049 | 26.9125 |
| 203.000 | 14.6963 | 35.9130 | 26.7438 | 275.000 | 12.7280 | 35.6010 | 26.9140 |
| 204.000 | 14.6624 | 35.9086 | 26.7478 | 276.000 | 12.6940 | 35.5971 | 26.9177 |
| 205.000 | 14.6333 | 35.9049 | 26.7513 | 277.000 | 12.6469 | 35.5896 | 26.9213 |
| 206.000 | 14.6304 | 35.9040 | 26.7512 | 278.000 | 12.6194 | 35.5855 | 26.9235 |
| 207.000 | 14.6212 | 35.9006 | 26.7506 | 279.000 | 12.5998 | 35.5846 | 26.9267 |

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|---------|---------|---------|---------|---------|---------|---------|---------|
| 280.000 | 12.5808 | 35.5796 | 26.9266 | 352.000 | 11.0438 | 35.3499 | 27.0406 |
| 281.000 | 12.5655 | 35.5782 | 26.9286 | 353.000 | 11.0153 | 35.3461 | 27.0429 |
| 282.000 | 12.5475 | 35.5753 | 26.9299 | 354.000 | 11.0013 | 35.3446 | 27.0443 |
| 283.000 | 12.5343 | 35.5734 | 26.9310 | 355.000 | 10.9798 | 35.3413 | 27.0456 |
| 284.000 | 12.5279 | 35.5716 | 26.9309 | 356.000 | 10.9488 | 35.3341 | 27.0457 |
| 285.000 | 12.5084 | 35.5654 | 26.9299 | 357.000 | 10.9088 | 35.3315 | 27.0509 |
| 286.000 | 12.4419 | 35.5598 | 26.9386 | 358.000 | 10.8831 | 35.3281 | 27.0529 |
| 287.000 | 12.4082 | 35.5547 | 26.9413 | 359.000 | 10.8583 | 35.3247 | 27.0547 |
| 288.000 | 12.3753 | 35.5497 | 26.9439 | 360.000 | 10.8035 | 35.3146 | 27.0567 |
| 289.000 | 12.3619 | 35.5469 | 26.9444 | 361.000 | 10.7791 | 35.3133 | 27.0601 |
| 290.000 | 12.3479 | 35.5450 | 26.9456 | 362.000 | 10.7684 | 35.3112 | 27.0604 |
| 291.000 | 12.3428 | 35.5438 | 26.9457 | 363.000 | 10.7566 | 35.3088 | 27.0607 |
| 292.000 | 12.3128 | 35.5379 | 26.9470 | 364.000 | 10.7503 | 35.3067 | 27.0601 |
| 293.000 | 12.3010 | 35.5375 | 26.9490 | 365.000 | 10.7433 | 35.3049 | 27.0599 |
| 294.000 | 12.2954 | 35.5365 | 26.9493 | 366.000 | 10.7152 | 35.3004 | 27.0615 |
| 295.000 | 12.2847 | 35.5327 | 26.9485 | 367.000 | 10.6416 | 35.2881 | 27.0651 |
| 296.000 | 12.2229 | 35.5260 | 26.9552 | 368.000 | 10.6091 | 35.2860 | 27.0692 |
| 297.000 | 12.2038 | 35.5235 | 26.9570 | 369.000 | 10.5870 | 35.2806 | 27.0690 |
| 298.000 | 12.1859 | 35.5211 | 26.9586 | 370.000 | 10.5673 | 35.2771 | 27.0697 |
| 299.000 | 12.1625 | 35.5173 | 26.9602 | 371.000 | 10.5144 | 35.2653 | 27.0699 |
| 300.000 | 12.1443 | 35.5152 | 26.9621 | 372.000 | 10.4666 | 35.2602 | 27.0744 |
| 301.000 | 12.1288 | 35.5120 | 26.9626 | 373.000 | 10.4554 | 35.2574 | 27.0742 |
| 302.000 | 12.1155 | 35.5101 | 26.9637 | 374.000 | 10.4213 | 35.2529 | 27.0766 |
| 303.000 | 12.1072 | 35.5090 | 26.9645 | 375.000 | 10.4058 | 35.2516 | 27.0784 |
| 304.000 | 12.0693 | 35.4983 | 26.9635 | 376.000 | 10.3841 | 35.2473 | 27.0788 |
| 305.000 | 12.0537 | 35.5009 | 26.9686 | 377.000 | 10.3537 | 35.2439 | 27.0815 |
| 306.000 | 12.0493 | 35.4993 | 26.9681 | 378.000 | 10.3403 | 35.2409 | 27.0815 |
| 307.000 | 12.0351 | 35.4961 | 26.9684 | 379.000 | 10.3056 | 35.2346 | 27.0827 |
| 308.000 | 12.0043 | 35.4915 | 26.9708 | 380.000 | 10.2816 | 35.2304 | 27.0836 |
| 309.000 | 11.9311 | 35.4811 | 26.9767 | 381.000 | 10.2306 | 35.2278 | 27.0905 |
| 310.000 | 11.8920 | 35.4758 | 26.9801 | 382.000 | 10.2130 | 35.2260 | 27.0921 |
| 311.000 | 11.8833 | 35.4737 | 26.9801 | 383.000 | 10.1989 | 35.2249 | 27.0937 |
| 312.000 | 11.8604 | 35.4709 | 26.9823 | 384.000 | 10.1860 | 35.2236 | 27.0949 |
| 313.000 | 11.8479 | 35.4698 | 26.9838 | 385.000 | 10.1635 | 35.2205 | 27.0965 |
| 314.000 | 11.8450 | 35.4690 | 26.9838 | 386.000 | 10.1482 | 35.2178 | 27.0970 |
| 315.000 | 11.8300 | 35.4666 | 26.9847 | 387.000 | 10.1389 | 35.2161 | 27.0973 |
| 316.000 | 11.7965 | 35.4629 | 26.9883 | 388.000 | 10.1244 | 35.2152 | 27.0990 |
| 317.000 | 11.7833 | 35.4621 | 26.9902 | 389.000 | 10.1123 | 35.2144 | 27.1006 |
| 318.000 | 11.7686 | 35.4589 | 26.9905 | 390.000 | 10.0807 | 35.2105 | 27.1030 |
| 319.000 | 11.7440 | 35.4557 | 26.9927 | 391.000 | 10.0647 | 35.2087 | 27.1043 |
| 320.000 | 11.7198 | 35.4534 | 26.9954 | 392.000 | 10.0538 | 35.2073 | 27.1051 |
| 321.000 | 11.6893 | 35.4475 | 26.9966 | 393.000 | 10.0458 | 35.2065 | 27.1058 |
| 322.000 | 11.6634 | 35.4436 | 26.9985 | 394.000 | 10.0374 | 35.2049 | 27.1060 |
| 323.000 | 11.6379 | 35.4415 | 27.0017 | 395.000 | 10.0114 | 35.2000 | 27.1067 |
| 324.000 | 11.6137 | 35.4362 | 27.0021 | 396.000 | 9.9916 | 35.1993 | 27.1095 |
| 325.000 | 11.5888 | 35.4333 | 27.0045 | 397.000 | 9.9812 | 35.1977 | 27.1101 |
| 326.000 | 11.5829 | 35.4314 | 27.0042 | 398.000 | 9.9592 | 35.1939 | 27.1109 |
| 327.000 | 11.5754 | 35.4306 | 27.0050 | 399.000 | 9.9537 | 35.1933 | 27.1113 |
| 328.000 | 11.5720 | 35.4298 | 27.0050 | 400.000 | 9.9457 | 35.1924 | 27.1120 |
| 329.000 | 11.5643 | 35.4273 | 27.0045 | 401.000 | 9.9279 | 35.1907 | 27.1137 |
| 330.000 | 11.5118 | 35.4188 | 27.0077 | 402.000 | 9.9084 | 35.1874 | 27.1144 |
| 331.000 | 11.4509 | 35.4106 | 27.0127 | 403.000 | 9.9005 | 35.1877 | 27.1161 |
| 332.000 | 11.4169 | 35.4072 | 27.0164 | 404.000 | 9.8986 | 35.1876 | 27.1163 |
| 333.000 | 11.4103 | 35.4062 | 27.0168 | 405.000 | 9.8857 | 35.1845 | 27.1161 |
| 334.000 | 11.4031 | 35.4035 | 27.0161 | 406.000 | 9.8722 | 35.1830 | 27.1172 |
| 335.000 | 11.3812 | 35.4009 | 27.0182 | 407.000 | 9.8547 | 35.1824 | 27.1198 |
| 336.000 | 11.3648 | 35.3982 | 27.0191 | 408.000 | 9.8405 | 35.1798 | 27.1201 |
| 337.000 | 11.3419 | 35.3930 | 27.0193 | 409.000 | 9.8334 | 35.1802 | 27.1217 |
| 338.000 | 11.3068 | 35.3905 | 27.0239 | 410.000 | 9.8235 | 35.1782 | 27.1218 |
| 339.000 | 11.3003 | 35.3894 | 27.0242 | 411.000 | 9.8131 | 35.1777 | 27.1231 |
| 340.000 | 11.2970 | 35.3875 | 27.0234 | 412.000 | 9.7982 | 35.1717 | 27.1209 |
| 341.000 | 11.2592 | 35.3808 | 27.0251 | 413.000 | 9.7497 | 35.1684 | 27.1266 |
| 342.000 | 11.2305 | 35.3783 | 27.0285 | 414.000 | 9.7389 | 35.1684 | 27.1285 |
| 343.000 | 11.2180 | 35.3758 | 27.0288 | 415.000 | 9.7361 | 35.1676 | 27.1283 |
| 344.000 | 11.1969 | 35.3725 | 27.0302 | 416.000 | 9.7329 | 35.1679 | 27.1290 |
| 345.000 | 11.1693 | 35.3689 | 27.0324 | 417.000 | 9.7305 | 35.1678 | 27.1293 |
| 346.000 | 11.1605 | 35.3678 | 27.0332 | 418.000 | 9.7265 | 35.1663 | 27.1289 |
| 347.000 | 11.1416 | 35.3638 | 27.0335 | 419.000 | 9.7099 | 35.1645 | 27.1302 |
| 348.000 | 11.1168 | 35.3602 | 27.0353 | 420.000 | 9.6949 | 35.1625 | 27.1313 |
| 349.000 | 11.1049 | 35.3593 | 27.0368 | 421.000 | 9.6857 | 35.1610 | 27.1316 |
| 350.000 | 11.0913 | 35.3569 | 27.0374 | 422.000 | 9.6668 | 35.1594 | 27.1335 |
| 351.000 | 11.0820 | 35.3549 | 27.0376 | 423.000 | 9.6566 | 35.1590 | 27.1349 |

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|---------|--------|---------|---------|---------|--------|---------|---------|
| 424.000 | 9.6556 | 35.1591 | 27.1352 | 496.000 | 8.7053 | 35.0511 | 27.2056 |
| 425.000 | 9.6550 | 35.1601 | 27.1361 | 497.000 | 8.6981 | 35.0499 | 27.2058 |
| 426.000 | 9.6534 | 35.1606 | 27.1367 | 498.000 | 8.6873 | 35.0481 | 27.2061 |
| 427.000 | 9.6357 | 35.1583 | 27.1379 | 499.000 | 8.6566 | 35.0460 | 27.2093 |
| 428.000 | 9.6336 | 35.1580 | 27.1381 | 500.000 | 8.6478 | 35.0449 | 27.2098 |
| 429.000 | 9.6295 | 35.1573 | 27.1381 | 501.000 | 8.6367 | 35.0433 | 27.2103 |
| 430.000 | 9.6213 | 35.1559 | 27.1385 | 502.000 | 8.6176 | 35.0420 | 27.2122 |
| 431.000 | 9.6147 | 35.1551 | 27.1389 | 503.000 | 8.5950 | 35.0391 | 27.2135 |
| 432.000 | 9.6079 | 35.1544 | 27.1396 | 504.000 | 8.5821 | 35.0382 | 27.2148 |
| 433.000 | 9.6057 | 35.1541 | 27.1397 | 505.000 | 8.5716 | 35.0367 | 27.2153 |
| 434.000 | 9.6037 | 35.1537 | 27.1397 | 506.000 | 8.5533 | 35.0345 | 27.2164 |
| 435.000 | 9.5840 | 35.1503 | 27.1403 | 507.000 | 8.5387 | 35.0322 | 27.2170 |
| 436.000 | 9.5675 | 35.1494 | 27.1424 | 508.000 | 8.5055 | 35.0302 | 27.2205 |
| 437.000 | 9.5383 | 35.1467 | 27.1452 | 509.000 | 8.4958 | 35.0264 | 27.2191 |
| 438.000 | 9.5355 | 35.1461 | 27.1451 | 510.000 | 8.4703 | 35.0260 | 27.2227 |
| 439.000 | 9.5321 | 35.1452 | 27.1450 | 511.000 | 8.4599 | 35.0216 | 27.2209 |
| 440.000 | 9.5276 | 35.1446 | 27.1452 | 512.000 | 8.4340 | 35.0211 | 27.2245 |
| 441.000 | 9.5213 | 35.1440 | 27.1458 | 513.000 | 8.4225 | 35.0210 | 27.2262 |
| 442.000 | 9.4930 | 35.1403 | 27.1477 | 514.000 | 8.4167 | 35.0178 | 27.2246 |
| 443.000 | 9.4774 | 35.1392 | 27.1494 | 515.000 | 8.4017 | 35.0177 | 27.2268 |
| 444.000 | 9.4605 | 35.1354 | 27.1493 | 516.000 | 8.3953 | 35.0164 | 27.2268 |
| 445.000 | 9.4325 | 35.1323 | 27.1515 | 517.000 | 8.3667 | 35.0139 | 27.2293 |
| 446.000 | 9.3955 | 35.1291 | 27.1551 | 518.000 | 8.3462 | 35.0117 | 27.2307 |
| 447.000 | 9.3870 | 35.1271 | 27.1549 | 519.000 | 8.3295 | 35.0112 | 27.2329 |
| 448.000 | 9.3360 | 35.1176 | 27.1560 | 520.000 | 8.3167 | 35.0099 | 27.2338 |
| 449.000 | 9.3196 | 35.1189 | 27.1596 | 521.000 | 8.3064 | 35.0082 | 27.2341 |
| 450.000 | 9.2880 | 35.1178 | 27.1639 | 522.000 | 8.2801 | 35.0066 | 27.2368 |
| 451.000 | 9.2671 | 35.1134 | 27.1640 | 523.000 | 8.2610 | 35.0028 | 27.2399 |
| 452.000 | 9.2485 | 35.1089 | 27.1635 | 524.000 | 8.2308 | 35.0024 | 27.2411 |
| 453.000 | 9.2372 | 35.1083 | 27.1649 | 525.000 | 8.2223 | 35.0017 | 27.2419 |
| 454.000 | 9.2215 | 35.1044 | 27.1644 | 526.000 | 8.2157 | 35.0008 | 27.2421 |
| 455.000 | 9.2020 | 35.1031 | 27.1665 | 527.000 | 8.2096 | 35.0003 | 27.2426 |
| 456.000 | 9.1746 | 35.1044 | 27.1721 | 528.000 | 8.2066 | 35.0000 | 27.2429 |
| 457.000 | 9.1701 | 35.0997 | 27.1691 | 529.000 | 8.2059 | 34.9997 | 27.2428 |
| 458.000 | 9.1483 | 35.0963 | 27.1700 | 530.000 | 8.1997 | 34.9989 | 27.2431 |
| 459.000 | 9.1227 | 35.0950 | 27.1731 | 531.000 | 8.1934 | 34.9985 | 27.2437 |
| 460.000 | 9.1110 | 35.0926 | 27.1731 | 532.000 | 8.1821 | 34.9972 | 27.2445 |
| 461.000 | 9.1010 | 35.0922 | 27.1744 | 533.000 | 8.1760 | 34.9966 | 27.2449 |
| 462.000 | 9.0933 | 35.0922 | 27.1757 | 534.000 | 8.1666 | 34.9960 | 27.2458 |
| 463.000 | 9.0916 | 35.0932 | 27.1767 | 535.000 | 8.1550 | 34.9945 | 27.2465 |
| 464.000 | 9.0841 | 35.0935 | 27.1782 | 536.000 | 8.1435 | 34.9935 | 27.2474 |
| 465.000 | 9.0829 | 35.0935 | 27.1784 | 537.000 | 8.1031 | 34.9878 | 27.2491 |
| 466.000 | 9.0780 | 35.0923 | 27.1783 | 538.000 | 8.0697 | 34.9861 | 27.2527 |
| 467.000 | 9.0685 | 35.0919 | 27.1794 | 539.000 | 8.0533 | 34.9840 | 27.2536 |
| 468.000 | 9.0646 | 35.0917 | 27.1799 | 540.000 | 8.0309 | 34.9799 | 27.2537 |
| 469.000 | 9.0480 | 35.0890 | 27.1805 | 541.000 | 7.9976 | 34.9788 | 27.2579 |
| 470.000 | 9.0285 | 35.0875 | 27.1825 | 542.000 | 7.9810 | 34.9771 | 27.2590 |
| 471.000 | 9.0182 | 35.0852 | 27.1824 | 543.000 | 7.9689 | 34.9772 | 27.2609 |
| 472.000 | 8.9928 | 35.0792 | 27.1817 | 544.000 | 7.9400 | 34.9754 | 27.2638 |
| 473.000 | 8.9501 | 35.0796 | 27.1889 | 545.000 | 7.9248 | 34.9725 | 27.2639 |
| 474.000 | 8.9495 | 35.0779 | 27.1877 | 546.000 | 7.8952 | 34.9708 | 27.2669 |
| 475.000 | 8.9431 | 35.0771 | 27.1881 | 547.000 | 7.8865 | 34.9688 | 27.2667 |
| 476.000 | 8.9205 | 35.0720 | 27.1877 | 548.000 | 7.8634 | 34.9678 | 27.2693 |
| 477.000 | 8.8917 | 35.0729 | 27.1930 | 549.000 | 7.8573 | 34.9666 | 27.2692 |
| 478.000 | 8.8743 | 35.0678 | 27.1918 | 550.000 | 7.8456 | 34.9649 | 27.2697 |
| 479.000 | 8.8525 | 35.0675 | 27.1951 | 551.000 | 7.8305 | 34.9632 | 27.2706 |
| 480.000 | 8.8331 | 35.0664 | 27.1973 | 552.000 | 7.8143 | 34.9628 | 27.2727 |
| 481.000 | 8.8178 | 35.0645 | 27.1983 | 553.000 | 7.8076 | 34.9621 | 27.2731 |
| 482.000 | 8.8110 | 35.0638 | 27.1988 | 554.000 | 7.8039 | 34.9618 | 27.2734 |
| 483.000 | 8.8024 | 35.0630 | 27.1995 | 555.000 | 7.8007 | 34.9614 | 27.2736 |
| 484.000 | 8.8004 | 35.0623 | 27.1993 | 556.000 | 7.7984 | 34.9611 | 27.2737 |
| 485.000 | 8.7910 | 35.0615 | 27.2002 | 557.000 | 7.7967 | 34.9606 | 27.2735 |
| 486.000 | 8.7837 | 35.0595 | 27.1997 | 558.000 | 7.7874 | 34.9596 | 27.2741 |
| 487.000 | 8.7706 | 35.0587 | 27.2012 | 559.000 | 7.7687 | 34.9560 | 27.2741 |
| 488.000 | 8.7703 | 35.0593 | 27.2017 | 560.000 | 7.7368 | 34.9548 | 27.2779 |
| 489.000 | 8.7607 | 35.0575 | 27.2018 | 561.000 | 7.7244 | 34.9525 | 27.2779 |
| 490.000 | 8.7558 | 35.0572 | 27.2023 | 562.000 | 7.7103 | 34.9518 | 27.2794 |
| 491.000 | 8.7333 | 35.0538 | 27.2033 | 563.000 | 7.7031 | 34.9509 | 27.2797 |
| 492.000 | 8.7177 | 35.0542 | 27.2060 | 564.000 | 7.6901 | 34.9489 | 27.2801 |
| 493.000 | 8.7141 | 35.0525 | 27.2053 | 565.000 | 7.6777 | 34.9485 | 27.2816 |
| 494.000 | 8.7119 | 35.0523 | 27.2055 | 566.000 | 7.6732 | 34.9478 | 27.2817 |
| 495.000 | 8.7092 | 35.0518 | 27.2055 | 567.000 | 7.6516 | 34.9441 | 27.2819 |

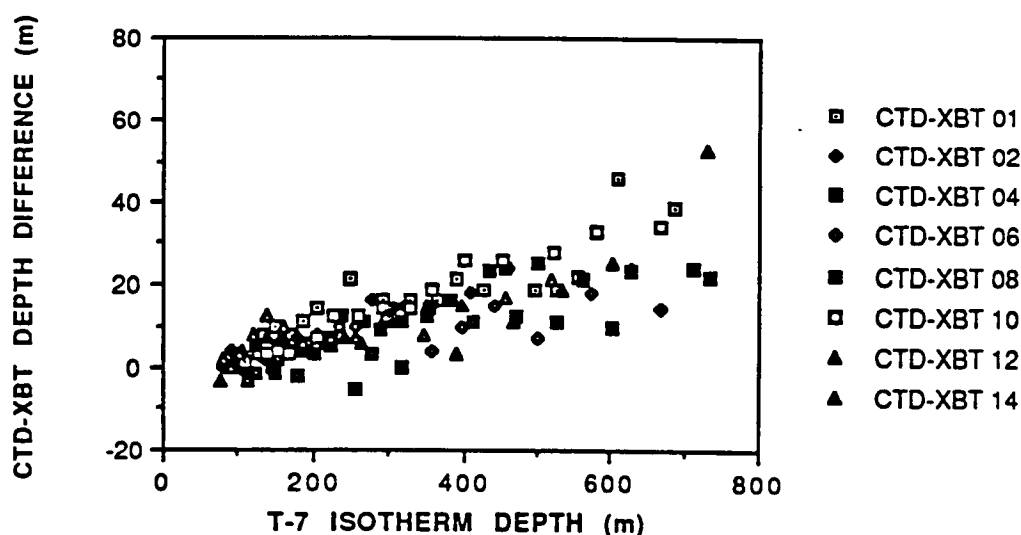
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|---------|--------|---------|---------|---------|--------|---------|---------|
| 568.000 | 7.6435 | 34.9453 | 27.2841 | 640.000 | 6.9073 | 34.9025 | 27.3551 |
| 569.000 | 7.6382 | 34.9449 | 27.2845 | 641.000 | 6.9058 | 34.9029 | 27.3557 |
| 570.000 | 7.6377 | 34.9447 | 27.2844 | 642.000 | 6.9042 | 34.9027 | 27.3557 |
| 571.000 | 7.6384 | 34.9448 | 27.2845 | 643.000 | 6.9029 | 34.9024 | 27.3557 |
| 572.000 | 7.6233 | 34.9430 | 27.2852 | 644.000 | 6.8970 | 34.9012 | 27.3555 |
| 573.000 | 7.6100 | 34.9418 | 27.2862 | 645.000 | 6.8850 | 34.9021 | 27.3578 |
| 574.000 | 7.5981 | 34.9408 | 27.2872 | 646.000 | 6.8836 | 34.9019 | 27.3579 |
| 575.000 | 7.5821 | 34.9390 | 27.2881 | 647.000 | 6.8830 | 34.9017 | 27.3578 |
| 576.000 | 7.5405 | 34.9366 | 27.2922 | 648.000 | 6.8766 | 34.8998 | 27.3572 |
| 577.000 | 7.5136 | 34.9342 | 27.2943 | 649.000 | 6.8661 | 34.9006 | 27.3593 |
| 578.000 | 7.5079 | 34.9341 | 27.2950 | 650.000 | 6.8624 | 34.9005 | 27.3598 |
| 579.000 | 7.5053 | 34.9342 | 27.2955 | 651.000 | 6.8599 | 34.9000 | 27.3597 |
| 580.000 | 7.5047 | 34.9339 | 27.2953 | 652.000 | 6.8551 | 34.8997 | 27.3601 |
| 581.000 | 7.5048 | 34.9339 | 27.2953 | 653.000 | 6.8529 | 34.8997 | 27.3604 |
| 582.000 | 7.5018 | 34.9328 | 27.2949 | 654.000 | 6.8498 | 34.8991 | 27.3604 |
| 583.000 | 7.4952 | 34.9329 | 27.2959 | 655.000 | 6.8426 | 34.8989 | 27.3612 |
| 584.000 | 7.4864 | 34.9318 | 27.2963 | 656.000 | 6.8382 | 34.8991 | 27.3619 |
| 585.000 | 7.4812 | 34.9314 | 27.2967 | 657.000 | 6.8356 | 34.8991 | 27.3623 |
| 586.000 | 7.4661 | 34.9305 | 27.2982 | 658.000 | 6.8341 | 34.8988 | 27.3623 |
| 587.000 | 7.4521 | 34.9292 | 27.2992 | 659.000 | 6.8291 | 34.8981 | 27.3624 |
| 588.000 | 7.4293 | 34.9278 | 27.3014 | 660.000 | 6.8197 | 34.8982 | 27.3637 |
| 589.000 | 7.4094 | 34.9265 | 27.3032 | 661.000 | 6.8100 | 34.8974 | 27.3645 |
| 590.000 | 7.3932 | 34.9260 | 27.3052 | 662.000 | 6.8053 | 34.8972 | 27.3650 |
| 591.000 | 7.3850 | 34.9258 | 27.3062 | 663.000 | 6.8032 | 34.8971 | 27.3652 |
| 592.000 | 7.3795 | 34.9247 | 27.3061 | 664.000 | 6.7989 | 34.8970 | 27.3657 |
| 593.000 | 7.3670 | 34.9249 | 27.3081 | 665.000 | 6.7955 | 34.8967 | 27.3659 |
| 594.000 | 7.3632 | 34.9241 | 27.3079 | 666.000 | 6.7899 | 34.8962 | 27.3663 |
| 595.000 | 7.3554 | 34.9237 | 27.3088 | 667.000 | 6.7845 | 34.8963 | 27.3671 |
| 596.000 | 7.3399 | 34.9226 | 27.3101 | 668.000 | 6.7741 | 34.8953 | 27.3678 |
| 597.000 | 7.3346 | 34.9228 | 27.3110 | 669.000 | 6.7501 | 34.8931 | 27.3693 |
| 598.000 | 7.3314 | 34.9224 | 27.3112 | 670.000 | 6.7363 | 34.8946 | 27.3724 |
| 599.000 | 7.3261 | 34.9218 | 27.3115 | 671.000 | 6.7313 | 34.8943 | 27.3728 |
| 600.000 | 7.3115 | 34.9204 | 27.3125 | 672.000 | 6.7243 | 34.8923 | 27.3722 |
| 601.000 | 7.2875 | 34.9192 | 27.3149 | 673.000 | 6.6924 | 34.8877 | 27.3729 |
| 602.000 | 7.2626 | 34.9167 | 27.3165 | 674.000 | 6.6707 | 34.8918 | 27.3790 |
| 603.000 | 7.2488 | 34.9172 | 27.3189 | 675.000 | 6.6705 | 34.8916 | 27.3789 |
| 604.000 | 7.2353 | 34.9166 | 27.3203 | 676.000 | 6.6651 | 34.8905 | 27.3788 |
| 605.000 | 7.2252 | 34.9164 | 27.3216 | 677.000 | 6.6553 | 34.8899 | 27.3796 |
| 606.000 | 7.2192 | 34.9153 | 27.3216 | 678.000 | 6.6526 | 34.8900 | 27.3801 |
| 607.000 | 7.2097 | 34.9144 | 27.3222 | 679.000 | 6.6502 | 34.8897 | 27.3802 |
| 608.000 | 7.1942 | 34.9129 | 27.3232 | 680.000 | 6.6413 | 34.8888 | 27.3807 |
| 609.000 | 7.1753 | 34.9126 | 27.3256 | 681.000 | 6.6236 | 34.8887 | 27.3829 |
| 610.000 | 7.1645 | 34.9126 | 27.3272 | 682.000 | 6.6095 | 34.8880 | 27.3843 |
| 611.000 | 7.1547 | 34.9117 | 27.3279 | 683.000 | 6.6048 | 34.8886 | 27.3854 |
| 612.000 | 7.1488 | 34.9112 | 27.3283 | 684.000 | 6.5995 | 34.8871 | 27.3849 |
| 613.000 | 7.1422 | 34.9113 | 27.3293 | 685.000 | 6.5864 | 34.8877 | 27.3872 |
| 614.000 | 7.1416 | 34.9112 | 27.3293 | 686.000 | 6.5800 | 34.8866 | 27.3872 |
| 615.000 | 7.1408 | 34.9110 | 27.3293 | 687.000 | 6.5588 | 34.8844 | 27.3883 |
| 616.000 | 7.1339 | 34.9106 | 27.3299 | 688.000 | 6.5440 | 34.8864 | 27.3919 |
| 617.000 | 7.1252 | 34.9099 | 27.3305 | 689.000 | 6.5398 | 34.8863 | 27.3924 |
| 618.000 | 7.1207 | 34.9096 | 27.3310 | 690.000 | 6.5373 | 34.8858 | 27.3923 |
| 619.000 | 7.1035 | 34.9070 | 27.3313 | 691.000 | 6.5353 | 34.8856 | 27.3924 |
| 620.000 | 7.0771 | 34.9085 | 27.3362 | 692.000 | 6.5330 | 34.8858 | 27.3929 |
| 621.000 | 7.0704 | 34.9083 | 27.3370 | 693.000 | 6.5295 | 34.8854 | 27.3930 |
| 622.000 | 7.0660 | 34.9076 | 27.3371 | 694.000 | 6.5251 | 34.8848 | 27.3931 |
| 623.000 | 7.0514 | 34.9075 | 27.3390 | 695.000 | 6.5170 | 34.8844 | 27.3939 |
| 624.000 | 7.0444 | 34.9073 | 27.3398 | 696.000 | 6.4936 | 34.8840 | 27.3967 |
| 625.000 | 7.0399 | 34.9062 | 27.3396 | 697.000 | 6.4757 | 34.8844 | 27.3994 |
| 626.000 | 7.0306 | 34.9057 | 27.3405 | 698.000 | 6.4642 | 34.8835 | 27.4002 |
| 627.000 | 7.0119 | 34.9057 | 27.3432 | 699.000 | 6.4454 | 34.8838 | 27.4030 |
| 628.000 | 6.9930 | 34.9025 | 27.3432 | 700.000 | 6.4345 | 34.8838 | 27.4044 |
| 629.000 | 6.9735 | 34.9038 | 27.3470 | 701.000 | 6.4294 | 34.8833 | 27.4047 |
| 630.000 | 6.9574 | 34.9036 | 27.3490 | 702.000 | 6.4228 | 34.8832 | 27.4055 |
| 631.000 | 6.9471 | 34.9036 | 27.3505 | 703.000 | 6.4174 | 34.8834 | 27.4063 |
| 632.000 | 6.9429 | 34.9033 | 27.3508 | 704.000 | 6.4139 | 34.8834 | 27.4068 |
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| 634.000 | 6.9408 | 34.9030 | 27.3509 | 706.000 | 6.4074 | 34.8830 | 27.4074 |
| 635.000 | 6.9398 | 34.9028 | 27.3508 | 707.000 | 6.4022 | 34.8831 | 27.4081 |
| 636.000 | 6.9372 | 34.9028 | 27.3512 | 708.000 | 6.4002 | 34.8830 | 27.4083 |
| 637.000 | 6.9340 | 34.9024 | 27.3514 | 709.000 | 6.3992 | 34.8829 | 27.4084 |
| 638.000 | 6.9275 | 34.9022 | 27.3521 | 710.000 | 6.3932 | 34.8826 | 27.4089 |
| 639.000 | 6.9193 | 34.9022 | 27.3532 | 711.000 | 6.3821 | 34.8822 | 27.4101 |

| | | | | | | | |
|---------|--------|---------|---------|---------|--------|---------|---------|
| 712.000 | 6.3714 | 34.8828 | 27.4120 | 784.000 | 5.9962 | 34.8821 | 27.4602 |
| 713.000 | 6.3617 | 34.8818 | 27.4125 | 785.000 | 5.9843 | 34.8809 | 27.4608 |
| 714.000 | 6.3518 | 34.8830 | 27.4148 | 786.000 | 5.9708 | 34.8819 | 27.4634 |
| 715.000 | 6.3480 | 34.8828 | 27.4151 | 787.000 | 5.9620 | 34.8825 | 27.4649 |
| 716.000 | 6.3428 | 34.8825 | 27.4155 | 788.000 | 5.9525 | 34.8821 | 27.4658 |
| 717.000 | 6.3392 | 34.8826 | 27.4161 | 789.000 | 5.9436 | 34.8819 | 27.4668 |
| 718.000 | 6.3376 | 34.8827 | 27.4164 | 790.000 | 5.9275 | 34.8832 | 27.4699 |
| 719.000 | 6.3349 | 34.8825 | 27.4165 | 791.000 | 5.9239 | 34.8830 | 27.4702 |
| 720.000 | 6.3274 | 34.8812 | 27.4165 | 792.000 | 5.9196 | 34.8831 | 27.4708 |
| 721.000 | 6.3015 | 34.8808 | 27.4196 | 793.000 | 5.9168 | 34.8829 | 27.4710 |
| 722.000 | 6.2829 | 34.8825 | 27.4234 | 794.000 | 5.9150 | 34.8834 | 27.4716 |
| 723.000 | 6.2686 | 34.8824 | 27.4252 | 795.000 | 5.9077 | 34.8832 | 27.4724 |
| 724.000 | 6.2604 | 34.8819 | 27.4259 | 796.000 | 5.9013 | 34.8831 | 27.4731 |
| 725.000 | 6.2393 | 34.8807 | 27.4277 | 797.000 | 5.8963 | 34.8833 | 27.4739 |
| 726.000 | 6.2249 | 34.8822 | 27.4307 | 798.000 | 5.8873 | 34.8838 | 27.4755 |
| 727.000 | 6.2157 | 34.8821 | 27.4319 | 799.000 | 5.8855 | 34.8836 | 27.4755 |
| 728.000 | 6.2099 | 34.8819 | 27.4325 | 800.000 | 5.8817 | 34.8839 | 27.4762 |
| 729.000 | 6.2065 | 34.8819 | 27.4329 | 801.000 | 5.8757 | 34.8839 | 27.4770 |
| 730.000 | 6.1985 | 34.8819 | 27.4340 | 802.000 | 5.8718 | 34.8841 | 27.4776 |
| 731.000 | 6.1933 | 34.8817 | 27.4345 | 803.000 | 5.8685 | 34.8843 | 27.4782 |
| 732.000 | 6.1888 | 34.8819 | 27.4352 | 804.000 | 5.8625 | 34.8843 | 27.4790 |
| 733.000 | 6.1838 | 34.8817 | 27.4357 | 805.000 | 5.8407 | 34.8830 | 27.4807 |
| 734.000 | 6.1803 | 34.8815 | 27.4360 | 806.000 | 5.8118 | 34.8862 | 27.4869 |
| 735.000 | 6.1748 | 34.8801 | 27.4357 | 807.000 | 5.8039 | 34.8867 | 27.4883 |
| 736.000 | 6.1632 | 34.8804 | 27.4374 | 808.000 | 5.8041 | 34.8864 | 27.4880 |
| 737.000 | 6.1512 | 34.8815 | 27.4398 | 809.000 | 5.8032 | 34.8862 | 27.4880 |
| 738.000 | 6.1473 | 34.8813 | 27.4402 | 810.000 | 5.8002 | 34.8862 | 27.4883 |
| 739.000 | 6.1463 | 34.8815 | 27.4405 | 811.000 | 5.7989 | 34.8864 | 27.4887 |
| 740.000 | 6.1448 | 34.8812 | 27.4404 | 812.000 | 5.7949 | 34.8863 | 27.4891 |
| 741.000 | 6.1436 | 34.8815 | 27.4408 | 813.000 | 5.7908 | 34.8859 | 27.4893 |
| 742.000 | 6.1430 | 34.8811 | 27.4406 | 814.000 | 5.7835 | 34.8857 | 27.4901 |
| 743.000 | 6.1403 | 34.8807 | 27.4406 | 815.000 | 5.7711 | 34.8862 | 27.4920 |
| 744.000 | 6.1289 | 34.8815 | 27.4427 | 816.000 | 5.7636 | 34.8872 | 27.4937 |
| 745.000 | 6.1199 | 34.8811 | 27.4435 | 817.000 | 5.7598 | 34.8869 | 27.4940 |
| 746.000 | 6.1175 | 34.8816 | 27.4443 | 818.000 | 5.7557 | 34.8871 | 27.4946 |
| 747.000 | 6.1145 | 34.8815 | 27.4446 | 819.000 | 5.7524 | 34.8869 | 27.4949 |
| 748.000 | 6.1104 | 34.8811 | 27.4448 | 820.000 | 5.7482 | 34.8872 | 27.4956 |
| 749.000 | 6.1074 | 34.8813 | 27.4453 | 821.000 | 5.7456 | 34.8871 | 27.4959 |
| 750.000 | 6.1060 | 34.8814 | 27.4455 | 822.000 | 5.7426 | 34.8871 | 27.4963 |
| 751.000 | 6.1040 | 34.8812 | 27.4457 | 823.000 | 5.7342 | 34.8865 | 27.4969 |
| 752.000 | 6.1011 | 34.8812 | 27.4460 | 824.000 | 5.7135 | 34.8880 | 27.5006 |
| 753.000 | 6.0900 | 34.8811 | 27.4474 | 825.000 | 5.7066 | 34.8884 | 27.5018 |
| 754.000 | 6.0819 | 34.8814 | 27.4487 | 826.000 | 5.7036 | 34.8884 | 27.5022 |
| 755.000 | 6.0784 | 34.8818 | 27.4494 | 827.000 | 5.7011 | 34.8884 | 27.5025 |
| 756.000 | 6.0797 | 34.8814 | 27.4490 | 828.000 | 5.6979 | 34.8884 | 27.5029 |
| 757.000 | 6.0759 | 34.8814 | 27.4495 | 829.000 | 5.6939 | 34.8887 | 27.5036 |
| 758.000 | 6.0708 | 34.8814 | 27.4501 | 830.000 | 5.6901 | 34.8887 | 27.5041 |
| 759.000 | 6.0697 | 34.8817 | 27.4505 | 831.000 | 5.6867 | 34.8889 | 27.5047 |
| 760.000 | 6.0702 | 34.8815 | 27.4503 | 832.000 | 5.6843 | 34.8889 | 27.5050 |
| 761.000 | 6.0697 | 34.8812 | 27.4501 | 833.000 | 5.6801 | 34.8889 | 27.5055 |
| 762.000 | 6.0631 | 34.8815 | 27.4512 | 834.000 | 5.6711 | 34.8889 | 27.5066 |
| 763.000 | 6.0611 | 34.8816 | 27.4515 | 835.000 | 5.6544 | 34.8900 | 27.5095 |
| 764.000 | 6.0512 | 34.8810 | 27.4523 | 836.000 | 5.6532 | 34.8902 | 27.5098 |
| 765.000 | 6.0443 | 34.8819 | 27.4539 | 837.000 | 5.6527 | 34.8901 | 27.5098 |
| 766.000 | 6.0429 | 34.8819 | 27.4541 | 838.000 | 5.6517 | 34.8901 | 27.5099 |
| 767.000 | 6.0420 | 34.8817 | 27.4540 | 839.000 | 5.6511 | 34.8901 | 27.5100 |
| 768.000 | 6.0401 | 34.8817 | 27.4543 | 840.000 | 5.6496 | 34.8900 | 27.5101 |
| 769.000 | 6.0352 | 34.8817 | 27.4549 | 841.000 | 5.6470 | 34.8900 | 27.5104 |
| 770.000 | 6.0324 | 34.8817 | 27.4553 | 842.000 | 5.6398 | 34.8900 | 27.5113 |
| 771.000 | 6.0298 | 34.8818 | 27.4557 | 843.000 | 5.6309 | 34.8906 | 27.5129 |
| 772.000 | 6.0262 | 34.8820 | 27.4563 | 844.000 | 5.6308 | 34.8906 | 27.5130 |
| 773.000 | 6.0213 | 34.8821 | 27.4571 | 845.000 | 5.6288 | 34.8906 | 27.5132 |
| 774.000 | 6.0199 | 34.8822 | 27.4573 | 846.000 | 5.6278 | 34.8906 | 27.5133 |
| 775.000 | 6.0191 | 34.8826 | 27.4577 | 847.000 | 5.6253 | 34.8908 | 27.5138 |
| 776.000 | 6.0159 | 34.8821 | 27.4578 | 848.000 | 5.6228 | 34.8911 | 27.5143 |
| 777.000 | 6.0092 | 34.8822 | 27.4586 | 849.000 | 5.6213 | 34.8908 | 27.5143 |
| 778.000 | 6.0062 | 34.8823 | 27.4591 | 850.000 | 5.6184 | 34.8907 | 27.5146 |
| 779.000 | 6.0047 | 34.8823 | 27.4593 | 851.000 | 5.6146 | 34.8911 | 27.5154 |
| 780.000 | 6.0031 | 34.8822 | 27.4594 | | | | |
| 781.000 | 6.0009 | 34.8820 | 27.4596 | | | | |
| 782.000 | 6.0003 | 34.8820 | 27.4597 | | | | |
| 783.000 | 5.9976 | 34.8820 | 27.4599 | | | | |



GESTROPHIC TRANSPORT

The figures which follow summarize dynamic height and computations of geostrophic transport and geostrophic velocity relative to a reference level of 800 db. These computations were made A) using the CTD data only (resolution = 30 minutes of Latitude); and B) using the more closely-spaced XBT data (resolution = 15 minutes of Latitude) after correcting the drop rate depth function and fitting a salinity spline to the latter. Drop rate was corrected using the method of Singer (1990: *J. Atmos. Oceanic Technol.* 7: 603-611), by empirically calculating the CTD-XBT Depth Difference (m) as a function of T-7 Isotherm Depth for the 8 stations for which we had both CTD and XBT data. Our data support Singer's finding that the software for the Sippican Mark 9 deck unit underestimates the drop rate of T-7 XBTs by approximately 5%:



After correcting the raw XBT depth data (z) by multiplying by $[1.05z - 3]$, salinity was splined to each XBT using the TS curve from nearest available CTD station for which cast depth was > 800 m: XBT 02, 03 and 04 with CTD 04; XBT 05 and 06 with CTD 06; XBT 07 and 08 with CTD 08; XBT 09 and 10 with CTD 10; XBT 11 and 12 with CTD 12; XBT 13 and 14 with CTD 14. Details of this procedure have been recently summarized in *J. Geophys. Res.* (Biggs, 1992; 97: 2143-2154), and the synopsis which follows demonstrates that RMS error of dynamic height calculations for cruise 92G-02 was < 1 cm.

Such geostrophic computations will provide useful ground-truth for ERS-1 altimetry data. As the teemail correspondence at the end of this section demonstrate, collaboration with D.JOHNSON.NOARL is already underway.

Station-by-station comparison of the depth of 7°C, 8°C, 9°C, . . . 22°C isotherms determined by CTD cast, compared to same depth determined by XBT deployment: Data are from R/V GYRE cruise 92G-02 and were fit by linear regression to the first order equation:

$$[\text{CTD-XBT Depth Difference}] = m * [\text{T7 Isotherm Depth}] + b$$

| STATION | SLOPE (m) | INTERCEPT (b) | CORRELATION (r ²) |
|---------|--------------|---------------|-------------------------------|
| 01 | 0.054 | -0.8 | 0.78 |
| 02 | 0.061 | -5.0 | 0.92 |
| 04 | 0.033 | -5.2 | 0.71 |
| 06 | 0.022 | +1.7 | 0.51 |
| 08 | 0.045 | -3.2 | 0.85 |
| 10 | 0.065 | -5.6 | 0.96 |
| 12 | 0.038 | -1.4 | 0.86 |
| 14 | <u>0.055</u> | <u>-3.9</u> | <u>0.70</u> |

MEAN m = 0.047 b = -2.9 (r² = 0.79)

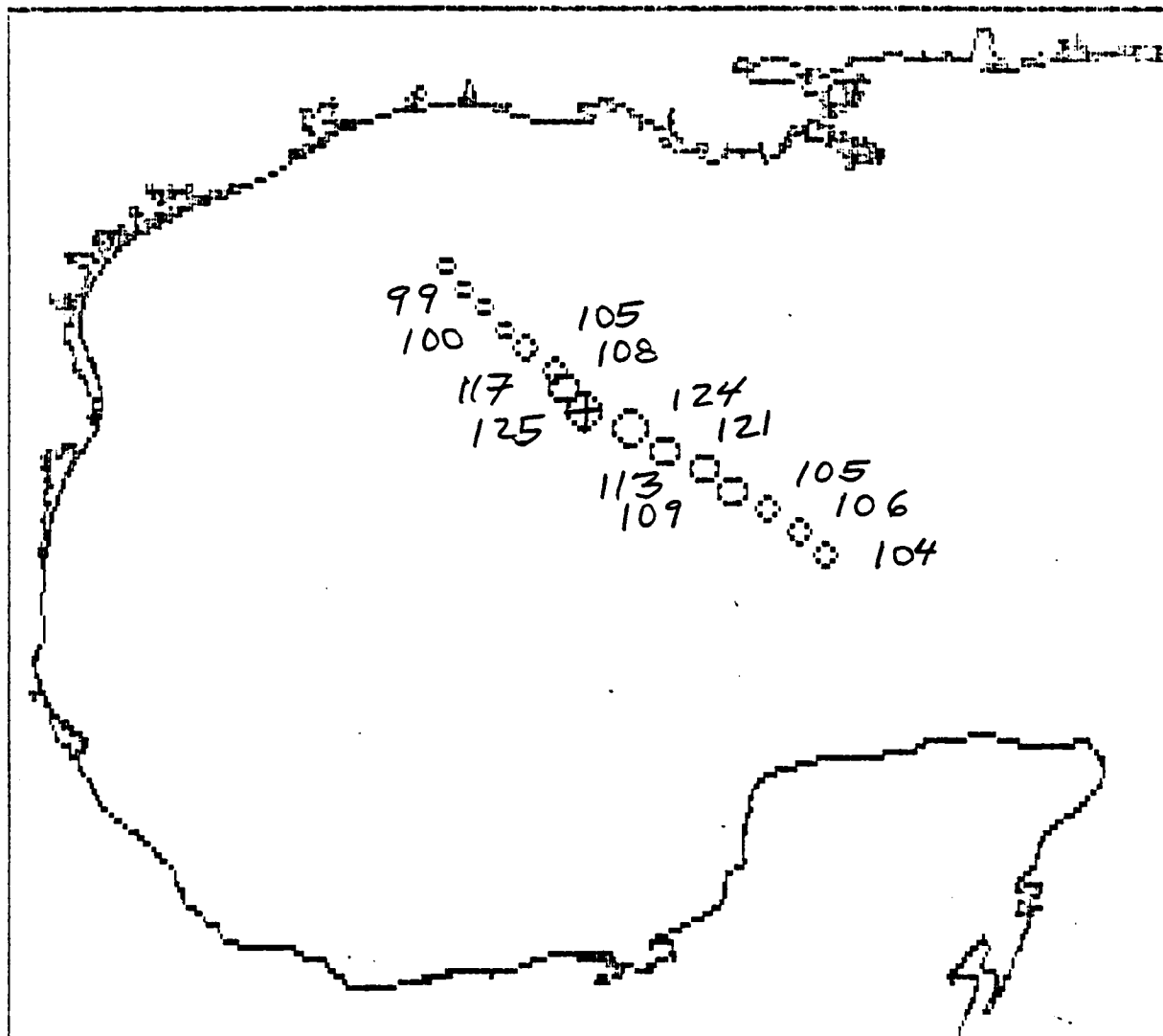
compared w m = 0.051 b = -3 (r² = 0.84) for Sippican T7 probes
(6 pairs of CTD+XBT
stations, R/V GYRE
cruise 90G-11, Oct 90)

Raw Data follow:

| ISOTHERM | CTD-XBT 01 | CTD-XBT 02 | CTD-XBT 04 | CTD-XBT 06 | CTD-XBT 08 | CTD-XBT 10 | CTD-XBT 12 | CTD-XBT 14 |
|----------|------------|------------|------------|------------|------------|------------|------------|------------|
| 26 | 1 | | | | | | | |
| 25 | 1 | | | | | | | |
| 24 | 5 | | | | | | | |
| 23 | 8 | | | | 0 | | | |
| 22 | 10 | 0 | | | -1 | 3 | -3 | |
| 21 | 8 | 4 | -3 | 2 | 5 | 3 | 2 | 2 |
| 20 | 11 | -1 | -1 | 2 | 4 | 4 | 4 | 0 |
| 19 | 14 | -1 | 3 | 4 | 3 | 3 | 5 | 3 |
| 18 | 21 | 2 | 2 | 6 | 7 | 4 | 7 | 8 |
| 17 | 16 | 6 | -2 | 6 | 12 | 7 | 7 | 12 |
| 16 | 16 | 7 | 3 | 10 | 11 | 12 | 4 | 10 |
| 15 | 16 | 8 | 5 | 10 | 9 | 12 | 6 | 6 |
| 14 | 21 | 12 | -5 | 10 | 11 | 14 | 7 | 7 |
| 13 | 19 | 16 | 3 | 15 | 12 | 14 | 6 | 7 |
| 12 | 24 | 14 | 0 | 4 | 16 | 19 | 11 | 12 |
| 11 | 19 | 15 | 14 | 10 | 23 | 26 | 15 | 8 |
| 10 | 19 | 18 | 11 | 15 | 25 | 26 | 15 | 3 |
| 9 | 22 | 24 | 12 | 7 | 21 | 28 | 11 | 17 |
| 8 | 46 | | 11 | 18 | 23 | 33 | 19 | 21 |
| 7 | 39 | | 10 | 14 | 24 | 34 | 24 | 25 |
| 6 | | | 22 | | | | | 53 |

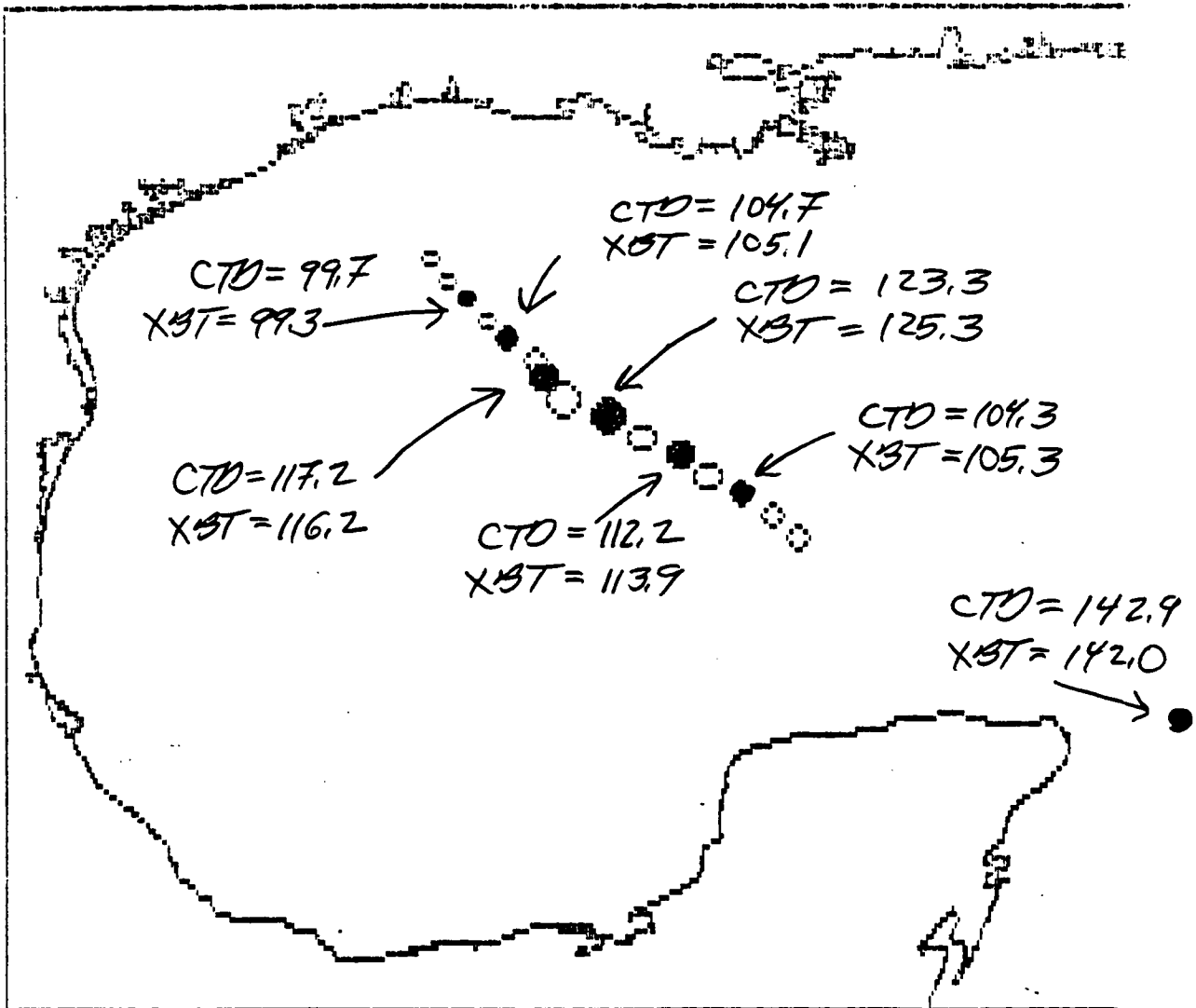
Dynamic Height (cm) relative to 800 db
for Stations 01-14, cruise 92G-02

Title: Size of circle represents 20 deg iso depth



Comparison of Dynamic Height relative to 800 db
calculated for CTD versus XBT data from
the same station location

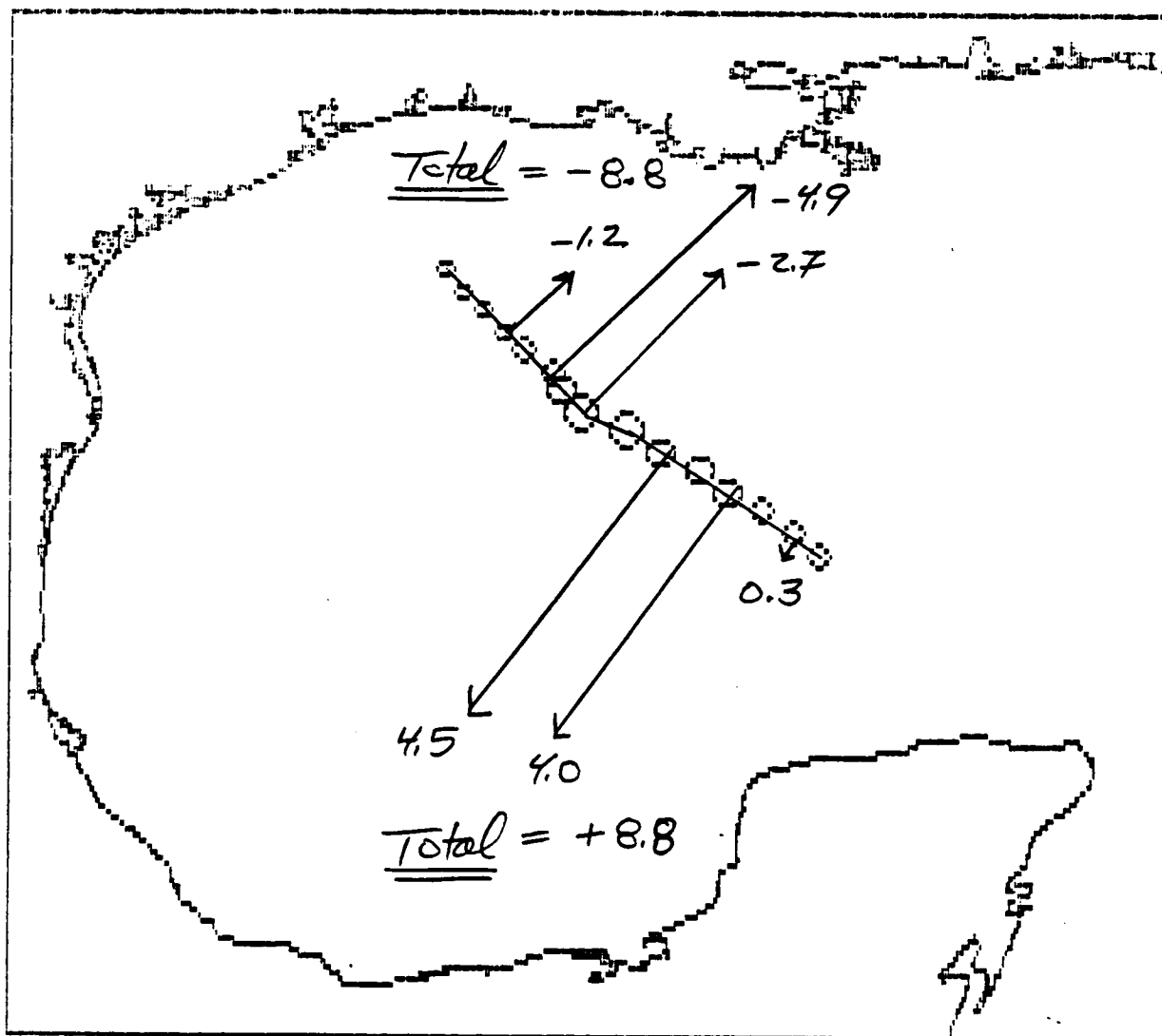
Title: Size of circle represents 20 deg iso depth



so RMS error = ± 0.6 cm
($n = 7$)

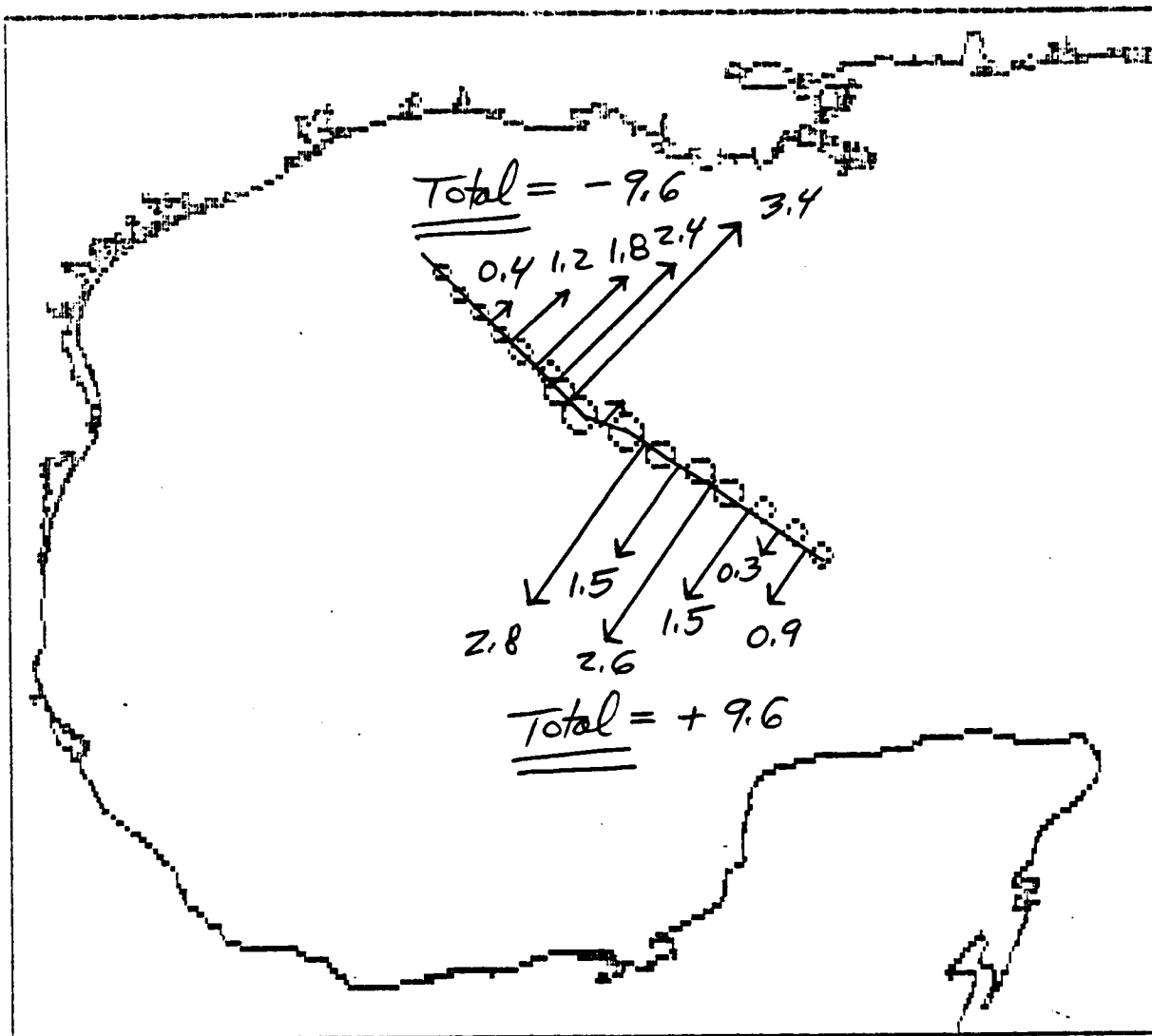
Geostrophic Transport (Sverdrups) calculated
between pairs of CTD stations

Title: Size of circle represents 20 deg iso depth



Geostrophic Transport (Sverdrups) calculated between pairs of XBT stations

Title: Size of circle represents 20 deg iso depth



Geostrophic Velocity (cm sec^{-1} relative to 800 mb)
 computed at midpoint of station pairs

| DEP | 2/3 ST1 | 3/4 ST2 | 4/5 ST3 | 5/6 ST4 | 6/7 ST5 | 7/8 ST6 | 8/9 ST7 | 9/10 ST8 | 10/11 ST9 | 11/12 ST10 | 12/13 ST11 | 13/14 ST12 |
|-------|------------|------------|------------|------------|------------|------------|------------|-------------|--------------|---------------|---------------|---------------|
| 0.0 | 11.0 | -0.5 | 9.4 | 19.6 | 21.4 | 14.8 | -0.6 | -40.0 | -35.2 | -19.8 | -21.4 | -4.1 |
| 8.0 | 11.2 | -0.4 | 9.7 | 19.1 | 20.8 | 15.1 | -0.5 | -39.9 | -34.7 | -19.8 | -20.6 | -4.0 |
| 16.0 | 11.4 | -0.4 | 9.9 | 18.5 | 20.3 | 15.4 | -0.5 | -39.8 | -34.1 | -19.9 | -19.9 | -4.0 |
| 24.0 | 11.6 | -0.4 | 10.1 | 18.3 | 19.4 | 15.7 | -0.4 | -39.6 | -33.5 | -19.9 | -19.1 | -4.0 |
| 32.0 | 11.8 | -0.2 | 10.1 | 18.2 | 18.5 | 16.1 | -0.4 | -39.4 | -32.9 | -20.0 | -18.3 | -3.9 |
| 40.0 | 12.0 | 0.1 | 10.1 | 18.1 | 17.6 | 16.4 | -0.5 | -39.1 | -32.4 | -20.0 | -17.6 | -3.9 |
| 48.0 | 12.2 | 0.3 | 10.1 | 18.0 | 16.7 | 16.8 | -0.5 | -38.8 | -31.9 | -20.1 | -16.8 | -3.9 |
| 56.0 | 12.4 | 0.5 | 10.1 | 17.9 | 15.9 | 17.1 | -0.5 | -38.5 | -31.4 | -20.2 | -15.9 | -4.0 |
| 64.0 | 12.6 | 0.7 | 10.1 | 17.8 | 14.9 | 17.5 | -0.5 | -38.2 | -31.0 | -20.3 | -15.1 | -4.0 |
| 72.0 | 12.8 | 1.0 | 10.1 | 17.8 | 13.9 | 17.9 | -0.5 | -37.8 | -30.2 | -20.9 | -14.3 | -3.8 |
| 80.0 | 12.8 | 1.3 | 10.2 | 17.7 | 12.9 | 18.2 | -0.5 | -37.3 | -29.0 | -21.7 | -13.6 | -3.5 |
| 88.0 | 12.3 | 1.5 | 10.3 | 17.6 | 11.8 | 18.6 | -0.5 | -36.6 | -27.7 | -21.6 | -13.2 | -2.8 |
| 96.0 | 11.3 | 1.6 | 10.4 | 17.5 | 10.7 | 19.0 | -0.5 | -36.0 | -26.2 | -21.6 | -11.9 | -2.1 |
| 104.0 | 9.6 | 1.6 | 10.5 | 17.3 | 9.7 | 19.4 | -0.5 | -35.3 | -24.8 | -20.9 | -10.5 | -2.0 |
| 112.0 | 7.7 | 1.7 | 10.6 | 17.1 | 8.6 | 19.8 | -0.5 | -34.6 | -23.3 | -19.4 | -9.7 | -1.7 |
| 120.0 | 5.8 | 2.3 | 9.9 | 16.7 | 7.5 | 20.1 | -0.5 | -33.9 | -21.8 | -17.4 | -9.1 | -1.4 |
| 128.0 | 4.6 | 2.8 | 8.7 | 16.1 | 6.5 | 20.4 | -0.5 | -33.2 | -19.6 | -16.1 | -8.3 | -1.4 |
| 136.0 | 3.7 | 3.0 | 8.1 | 14.7 | 6.0 | 20.0 | -0.5 | -31.4 | -17.7 | -15.3 | -7.7 | -1.4 |
| 144.0 | 3.4 | 2.9 | 7.7 | 13.8 | 5.4 | 18.7 | -0.5 | -28.8 | -16.2 | -14.7 | -7.2 | -1.4 |
| 152.0 | 3.1 | 2.9 | 7.3 | 13.4 | 4.5 | 17.0 | -0.2 | -26.0 | -15.2 | -14.0 | -6.7 | -1.4 |
| 160.0 | 2.9 | 2.7 | 7.0 | 13.3 | 4.0 | 15.5 | 0.0 | -24.2 | -14.2 | -13.4 | -6.2 | -1.4 |
| 168.0 | 2.7 | 2.6 | 6.8 | 13.1 | 3.6 | 14.6 | -0.5 | -22.1 | -13.5 | -12.6 | -5.8 | -1.4 |
| 176.0 | 2.4 | 2.5 | 6.6 | 12.7 | 3.4 | 13.9 | -1.1 | -20.2 | -12.7 | -12.1 | -5.4 | -1.4 |
| 184.0 | 2.2 | 2.3 | 6.4 | 12.4 | 3.2 | 13.3 | -1.5 | -18.8 | -12.1 | -11.6 | -5.1 | -1.4 |
| 192.0 | 2.0 | 2.1 | 6.2 | 12.0 | 3.0 | 12.7 | -1.7 | -17.5 | -11.6 | -11.1 | -4.8 | -1.4 |
| 200.0 | 1.8 | 2.0 | 6.1 | 11.5 | 3.0 | 12.2 | -1.8 | -16.4 | -11.1 | -10.6 | -4.5 | -1.3 |
| 208.0 | 1.6 | 1.9 | 5.9 | 11.1 | 2.9 | 11.7 | -1.8 | -15.6 | -10.7 | -10.3 | -4.2 | -1.3 |
| 216.0 | 1.5 | 1.7 | 5.8 | 10.7 | 2.9 | 11.3 | -1.8 | -14.8 | -10.3 | -10.0 | -4.0 | -1.3 |
| 224.0 | 1.3 | 1.6 | 5.6 | 10.3 | 2.9 | 10.8 | -1.8 | -14.1 | -10.0 | -9.6 | -3.7 | -1.2 |
| 232.0 | 1.2 | 1.5 | 5.5 | 9.9 | 2.8 | 10.4 | -1.7 | -13.4 | -9.7 | -9.3 | -3.5 | -1.2 |
| 240.0 | 1.1 | 1.4 | 5.3 | 9.6 | 2.8 | 10.0 | -1.7 | -12.7 | -9.4 | -9.0 | -3.3 | -1.2 |
| 248.0 | 1.1 | 1.3 | 5.2 | 9.4 | 2.7 | 9.6 | -1.7 | -12.2 | -9.1 | -8.7 | -3.2 | -1.2 |
| 256.0 | 1.0 | 1.2 | 5.1 | 9.1 | 2.7 | 9.3 | -1.7 | -11.7 | -8.8 | -8.5 | -3.0 | -1.3 |
| 264.0 | 1.0 | 1.1 | 5.0 | 8.9 | 2.6 | 9.0 | -1.7 | -11.2 | -8.4 | -8.2 | -2.9 | -1.3 |
| 272.0 | 1.0 | 1.0 | 4.9 | 8.6 | 2.6 | 8.5 | -1.7 | -10.7 | -8.1 | -7.9 | -2.8 | -1.3 |
| 280.0 | 1.0 | 1.0 | 4.8 | 8.4 | 2.5 | 8.2 | -1.7 | -10.3 | -7.8 | -7.6 | -2.8 | -1.3 |
| 288.0 | 1.0 | 1.0 | 4.7 | 8.1 | 2.4 | 7.9 | -1.7 | -9.9 | -7.5 | -7.3 | -2.7 | -1.3 |
| 296.0 | 1.0 | 1.0 | 4.6 | 7.9 | 2.3 | 7.6 | -1.7 | -9.5 | -7.2 | -7.0 | -2.6 | -1.3 |
| 304.0 | 1.0 | 1.0 | 4.5 | 7.7 | 2.3 | 7.4 | -1.7 | -9.1 | -7.0 | -6.8 | -2.6 | -1.4 |
| 312.0 | 1.0 | 1.0 | 4.4 | 7.4 | 2.2 | 7.3 | -1.7 | -8.8 | -6.7 | -6.5 | -2.5 | -1.4 |
| 320.0 | 0.9 | 1.0 | 4.3 | 7.2 | 2.1 | 7.1 | -1.7 | -8.5 | -6.5 | -6.3 | -2.5 | -1.3 |
| 328.0 | 0.9 | 0.9 | 4.3 | 7.0 | 2.1 | 7.0 | -1.7 | -8.2 | -6.2 | -6.0 | -2.4 | -1.4 |
| 336.0 | 0.9 | 0.9 | 4.2 | 6.9 | 2.0 | 6.8 | -1.8 | -8.0 | -6.0 | -5.8 | -2.4 | -1.4 |
| 344.0 | 0.9 | 0.9 | 4.1 | 6.7 | 1.9 | 6.7 | -1.8 | -7.7 | -5.7 | -5.6 | -2.4 | -1.4 |
| 352.0 | 0.9 | 0.8 | 4.1 | 6.5 | 1.8 | 6.6 | -1.8 | -7.5 | -5.5 | -5.4 | -2.4 | -1.4 |
| 360.0 | 1.0 | 0.8 | 4.0 | 6.3 | 1.8 | 6.5 | -1.8 | -7.3 | -5.3 | -5.2 | -2.3 | -1.4 |
| 368.0 | 1.0 | 0.8 | 3.9 | 6.1 | 1.7 | 6.3 | -1.8 | -7.0 | -5.1 | -5.1 | -2.3 | -1.4 |
| 376.0 | 1.1 | 0.8 | 3.9 | 5.9 | 1.7 | 6.2 | -1.8 | -6.9 | -4.9 | -4.9 | -2.3 | -1.4 |
| 384.0 | 1.1 | 0.8 | 3.8 | 5.8 | 1.6 | 6.1 | -1.8 | -6.7 | -4.8 | -4.8 | -2.2 | -1.4 |
| 392.0 | 1.1 | 0.8 | 3.8 | 5.6 | 1.6 | 6.1 | -1.8 | -6.5 | -4.6 | -4.6 | -2.2 | -1.4 |
| 400.0 | 1.1 | 0.7 | 3.7 | 5.5 | 1.5 | 6.0 | -1.8 | -6.3 | -4.5 | -4.4 | -2.3 | -1.4 |
| 408.0 | 1.1 | 0.7 | 3.7 | 5.4 | 1.5 | 5.9 | -1.8 | -6.2 | -4.4 | -4.2 | -2.3 | -1.4 |
| 416.0 | 1.2 | 0.6 | 3.6 | 5.3 | 1.4 | 5.8 | -1.8 | -6.0 | -4.3 | -4.1 | -2.3 | -1.4 |
| 424.0 | 1.2 | 0.5 | 3.5 | 5.2 | 1.4 | 5.7 | -1.8 | -5.9 | -4.1 | -3.9 | -2.3 | -1.4 |
| 432.0 | 1.2 | 0.5 | 3.5 | 5.1 | 1.4 | 5.6 | -1.7 | -5.8 | -4.0 | -3.8 | -2.3 | -1.4 |
| 440.0 | 1.2 | 0.4 | 3.4 | 4.9 | 1.3 | 5.5 | -1.7 | -5.7 | -3.9 | -3.7 | -2.2 | -1.4 |
| 448.0 | 1.3 | 0.4 | 3.3 | 4.8 | 1.3 | 5.4 | -1.7 | -5.6 | -3.7 | -3.6 | -2.2 | -1.4 |
| 456.0 | 1.3 | 0.4 | 3.3 | 4.7 | 1.3 | 5.3 | -1.6 | -5.5 | -3.6 | -3.5 | -2.2 | -1.4 |
| 464.0 | 1.3 | 0.3 | 3.3 | 4.6 | 1.2 | 5.2 | -1.6 | -5.4 | -3.5 | -3.4 | -2.2 | -1.5 |
| 472.0 | 1.3 | 0.3 | 3.2 | 4.5 | 1.2 | 5.1 | -1.5 | -5.3 | -3.3 | -3.3 | -2.1 | -1.5 |
| 480.0 | 1.3 | 0.3 | 3.2 | 4.5 | 1.1 | 5.0 | -1.5 | -5.2 | -3.2 | -3.2 | -2.0 | -1.5 |
| 488.0 | 1.2 | 0.2 | 3.1 | 4.4 | 1.0 | 4.8 | -1.4 | -5.1 | -3.0 | -3.2 | -2.0 | -1.5 |
| 496.0 | 1.2 | 0.2 | 3.0 | 4.3 | 1.0 | 4.7 | -1.3 | -5.0 | -2.9 | -3.1 | -1.9 | -1.5 |
| 504.0 | 1.2 | 0.2 | 3.0 | 4.3 | 1.0 | 4.5 | -1.3 | -4.9 | -2.7 | -3.1 | -1.9 | -1.5 |

Summary of Geostrophic Computations 159

| | | Cruise 926-02 | | Grand Cayman Island to Cuba Station, YK | | | |
|---------|---------------------------|---------------|-------|--|-------------------------|--------------------------|-----------------------|
| Station | CMT Date | Lat | Long | Dist (km) (Dist. Cm. rel. 60016) | Station Separation (km) | Mean Transport (Sv days) | Max Velocity (cm/sec) |
| 02 | 27 Jan 1205 | 24 15 | 89 28 | 103.6 | | | |
| | | | | | 42 | 0.9 | 13 |
| 02 | 1454 | 24 30 | 89 47 | 106.4 | | | |
| | | | | | 43 | 0.3 | <5 |
| 04 | 1845 | 24 45 | 90 06 | 106.3 | | | |
| | | | | | 45 | 1.5 | 11 |
| 05 | 2146 | 25 00 | 90 26 | 108.8 | | | |
| | | | | | 42 | 2.6 | 20 |
| 06 | 28 Jan 0131 | 25 15 | 90 45 | 113.1 | | | |
| | | | | | 53 | 1.5 | 21 |
| 07 | 0811 | 25 30 | 91 11 | 121.1 | | | |
| | | | | | 45 | 2.8 | 20 |
| 08 | 1240 | 25 45 | 91 35 | 124.3 | | +9.6 | |
| | | | | | 52 | -0.4 | <5 |
| 09 | 1628 | 26 00 | 92 00 | 125.1 | | | |
| | | | | | 35 | -3.4 | -40 |
| 10 | 2003 | 26 15 | 92 12 | 116.7 | | | |
| | | | | | 36 | -2.4 | -35 |
| 11 | 2229 | 26 30 | 92 24 | 108.1 | | | |
| | | | | | 31 | -1.8 | -22 |
| 12 | 29 Jan 0131 | 26 45 | 92 35 | 104.9 | | | |
| | | | | | 35 | -1.2 | -21 |
| 13 | 0340 | 27 00 | 92 48 | 100.3 | | | |
| | | | | | 35 | -0.4 | <-5 |
| 14 | 0645 | 27 15 | 93 00 | 99.5 | | -2.6 | |

Posted: Thu, May 7, 1992 4:07 PM CDT Msg: BGJC-5227-8972
From: D.JOHNSON.NOARL
To: gulf.mex
Subj: ERS-1 ALTIMETER TEST DATA

Under sponsorship from MMS, we (NRL-Stennis) will be posting near-real time ERS-1 altimeter data on the Gulf.Mex bulletin board in SEAPLOT format. As a test, I have posted ERS1 altimeter data from January for review and comments - please read the notes below before you start plotting. Seven ascending and seven descending passes along two track lines have been posted. Each pass is contained in a separate file, and named GYYMMDDX.DAT, where YYMMDD represents the year, month and day of the overpass, X designates ascending (A) or descending (D) passes. I have found that I needed to increase the size of the circle in SEAPLOT (line 2040) in order to make the anomalies show up well. Front F920123C.DAT is close to the two passes on the 24th of January if you want to make a comparison with AVHRR results.

Some notes about the January data:

1. We had some problems with the NAVSPASUR supplied orbits. Our resolution of this difficulty was to simply forget about orbits and to lay down the range data with a bias and tilt. As long as the geographically correlated orbit variation (the Gulf of Mexico has a big variation because of big geoidal changes) remains the same, this works ok. Reference surfaces were created by averaging all 7 passes along each track, and anomalies from each reference becomes the height data. Please note that one month is short - especially for the Gulf where the eddies are big and relatively slow - to make a proper reference. The result will be reduced eddy height signals.
2. Large errors are appearing over the Campeche Bank and slope. There are two likely candidate sources for these errors: unresolved tides and off-track sampling. Since we are using the same tide model as we did for GEOSAT, and GEOSAT data did not contain these errors, I suspect that the problem is off-track sampling. There is a large geoidal gradient over the Campeche Bank and slope. If ERS-1 is not following within +/- 1 km of its repeat track, then large geoidal differences from pass to pass can be mapped into the data. I suspect that this might be the problem. Over the northern Gulf slope/shelf, the geoid is much smoother - and so is the data there. We definitely need some in-situ verification, particularly east of the Mississippi Delta where some strong signals are showing.

Some notes about future near-real time data:

1. ERS-1 is currently flying in a 35 day repeat orbit. Clearly we do not want to wait for the equivalent 7 passes before creating a reference surface. We are going to test out two methods:

a. Let the first pass be the reference and all subsequent passes are anomalies from this first pass. If the first pass contains an eddy, we might have to correct it by guessing at the size of the eddy (from AVHRR). Or build a reference slowly by adding each subsequent pass to the reference. This latter scheme spreads out the problems and creates difficult interpretation - I am not sure that it is a good idea.

b. Take the Marsh Mean (all previous altimeter data interpolated to the track line) as a reference. Bob Leben (U.Colorado) has had some success with a test of November data with this reference when he had good orbits from the Netherlands (Wakker). But waiting for good orbits means that our near-real time is less near. One scheme that Bob and I are trying is to find the geographically correlated orbit variation by differencing between a precise orbit laydown of a pass, and a no-orbit laydown of the same pass as done for the January data. Once we have this variation, we can lay down all future passes along that track without waiting for tracking data. Bob and I are working hard to test this scheme. My first tests with the January data indicate that it might be do-able.

2. We still are not receiving real-time data. My understanding is that we are still waiting for signatures on memorandum of understandings. We have pirated some of the data, but it looks quite poor - may be as a result of pirating techniques. Hopefully, this will be cleared up soon so that we can begin to post near-real time data for this summer.

YOUR COMMENTS ON THE ABOVE AND ON THE DATA I HAVE POSTED WILL BE ANXIOUSLY AWAITED!!

Don

Posted: Fri, May 8, 1992 1:46 PM CDT Msg: MGJC-5229-3463
 From: D.BIGGS
 To: D.JOHNSON.NOARL
 Subj: re ERS-1 Altimeter Test Data

Between 27-29 Jan 92, R/V Gyre did a section of XBT stations across the central Gulf of Mexico. I've splined salinity to the temp-depth data (from CTD stations that we did every other station along this track) in order to compute dynamic height (relative to 800 db). This section transected the trailing edge of "Quiet Eddy" from SE to NW. Note that my geostrophic calculations indicate that the interior of this warm eddy stood some 25 cm higher than periphery, as you can see from the summary data which follow. If you can extract altimeter data from orbits of ERS-1 that were close to our ship track, perhaps we can co-author a note? Here are the data:

of this was eddy from
(15 m/s) complete 5-15)

| | | | |
|--------|---------|---------|--------------|
| XBT 02 | 24 15 N | 89 28 W | 103.6 dyn cm |
| XBT 03 | 24 30 N | 89 47 W | 106.4 " " |
| XBT 04 | 24 45 N | 90 06 W | 106.3 " " |
| XBT 05 | 25 00 N | 90 26 W | 108.8 " " |
| XBT 06 | 25 15 N | 90 45 W | 113.1 " " |
| XBT 07 | 25 30 N | 91 11 W | 121.1 " " |
| XBT 08 | 25 45 N | 91 35 W | 124.3 " " |
| XBT 09 | 26 00 N | 92 00 W | 125.1 " " |
| XBT 10 | 26 15 N | 92 12 W | 116.7 " " |
| XBT 11 | 26 30 N | 92 24 W | 108.1 " " |
| XBT 12 | 26 45 N | 92 35 W | 104.9 " " |
| XBT 13 | 27 00 N | 92 48 W | 100.3 " " |
| XBT 14 | 27 15 N | 93 00 W | 99.5 " " |

Regards, Doug Biggs

Posted: Fri, May 8, 1992 1:58 PM CDT Msg: FGJC-5229-3638
 From: D.JOHNSON.NOARL
 To: D.BIGGS
 Subj: RE: re ERS-1 Altimeter Test Data

Doug: I think we have a match. My altimeter data seems to show the eddy ok, but at reduced amplitude due to the short averaging time to form the reference surface. Perhaps when we get the Feb & Mar data I can do a better reference. I would also like to include the geoid problem on a note since it looks like ESA is letting the thing drift around and causing havoc over strong topographic changes.

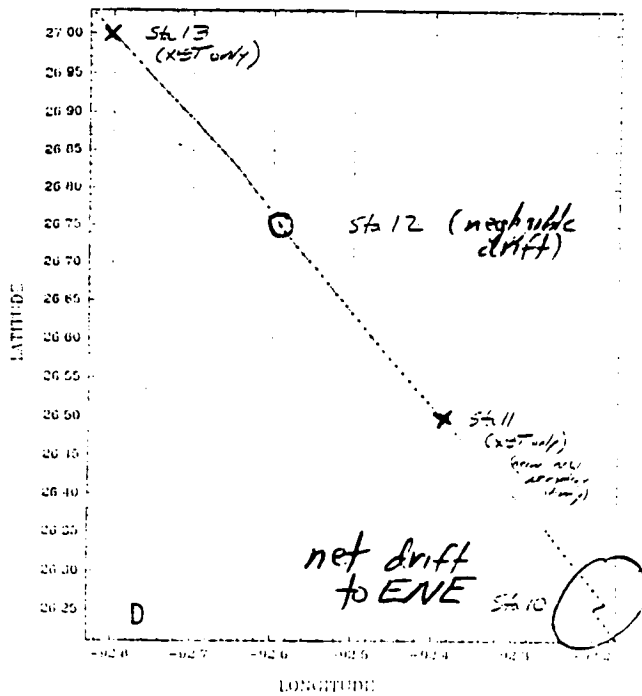
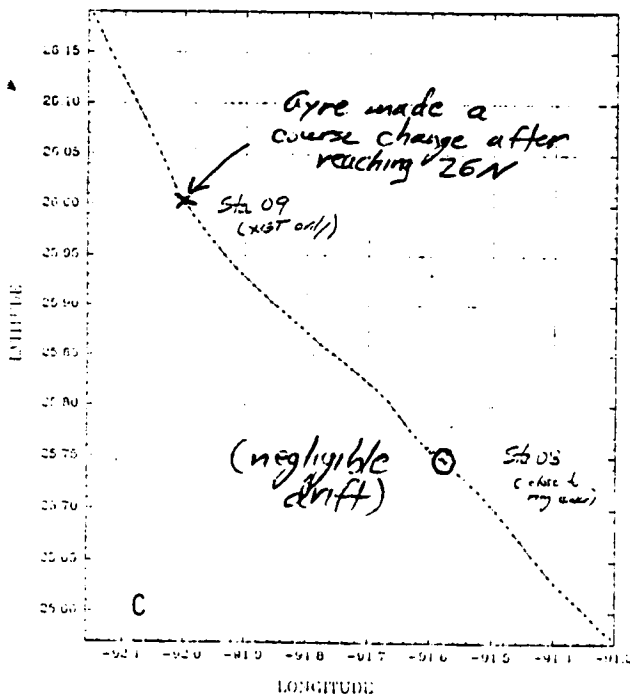
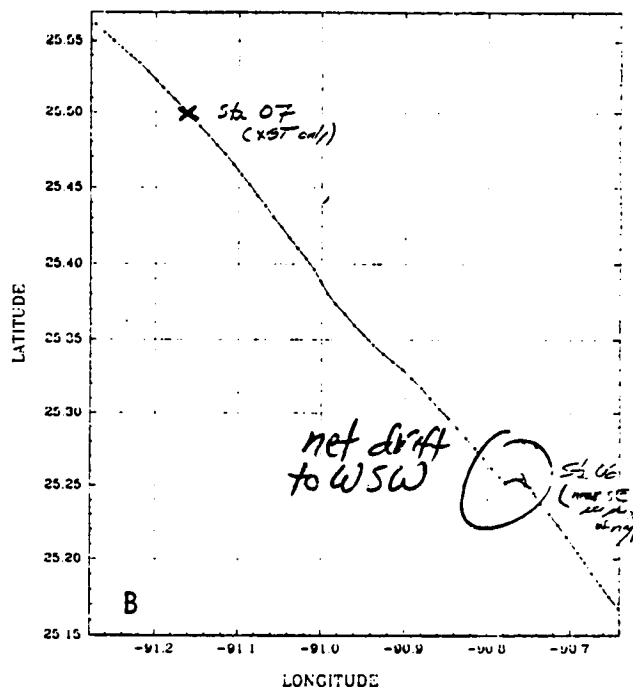
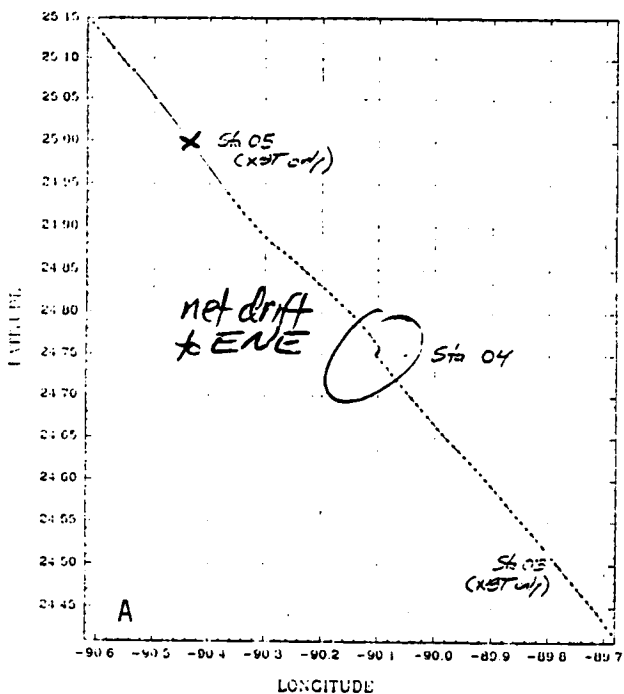
Cheers, Don

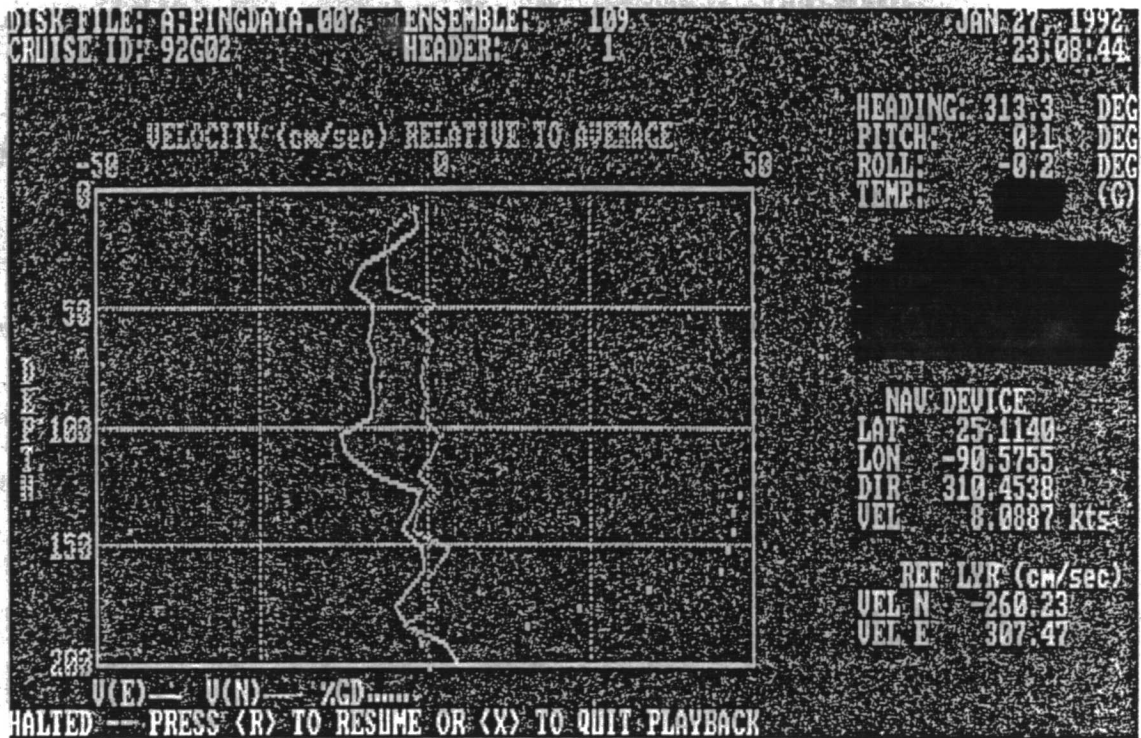
UNDERWAY DATA: SUMMARY OF ADCP AND SURFACE T-S DATA

This section presents examples of data collected by GYRE's RD Instruments 150 kHz ADCP for three regions of the cruise track: A) At the SE periphery of Eddy Triton, halfway between Stations 5 and 6; B) Within the interior of Eddy Triton, as GYRE was coming up on Station 8; C) Nearing the NW periphery of Eddy Triton, while GYRE was enroute from Station 10 to Station 11. These examples of ADCP data are followed with summary maps of surface temperature and surface salinity data collected by an Applied Microsystems thermosalinograph that is mounted at a depth of 3 m in GYRE's bow.

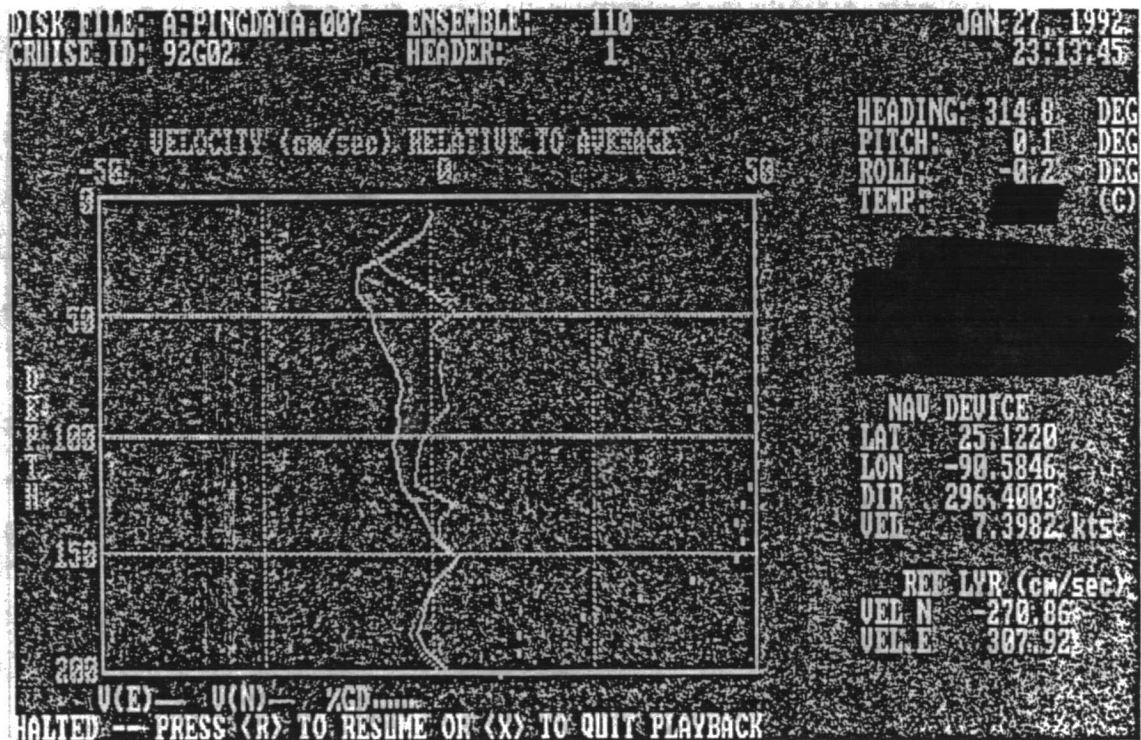
Note these data confirm the anticyclonic nature of near-surface currents around the periphery of Eddy Triton: At the SE periphery of the ring, ADCP Vel N and Vel E components are negative, while at the NW periphery that these are positive. Note, as well, that the maximum velocities are restricted to the upper 100 m, and that there is good agreement with velocities computed by geostrophic methods.

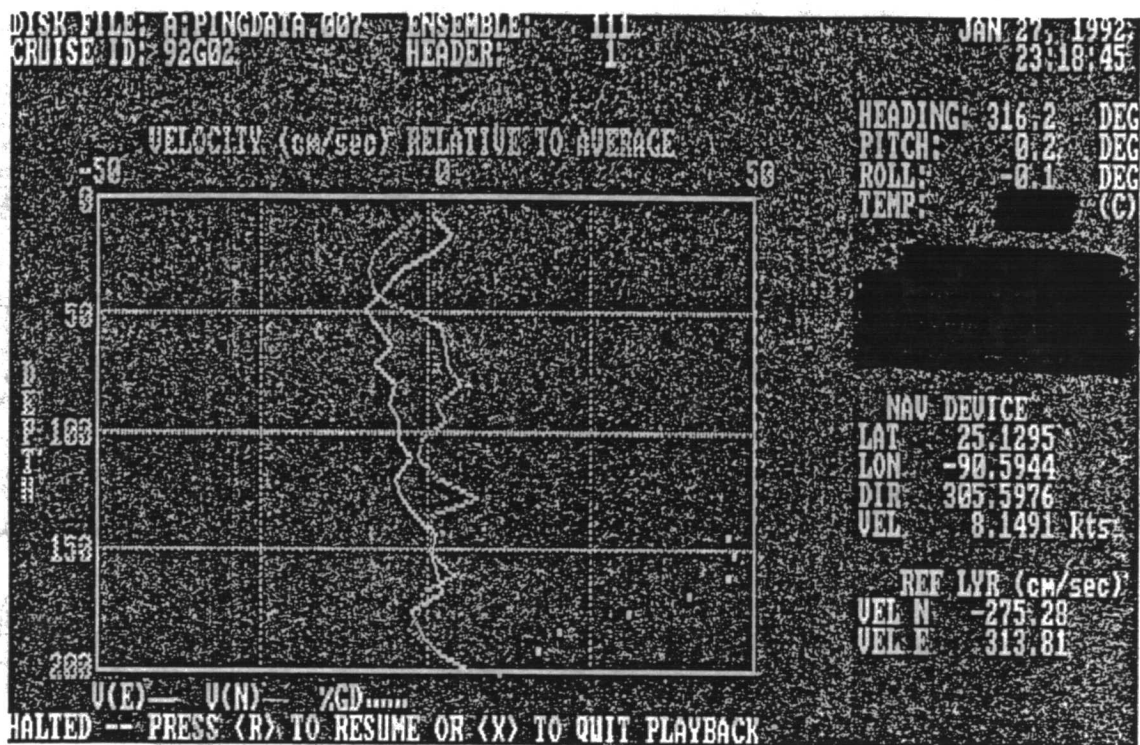
Cruise track of R/V Gyre 92G-02, plotted at 5 minute intervals (from ADCP data files) to illustrate drift on station for CTD casts at Stations 04, 06, 08, 10, and 10



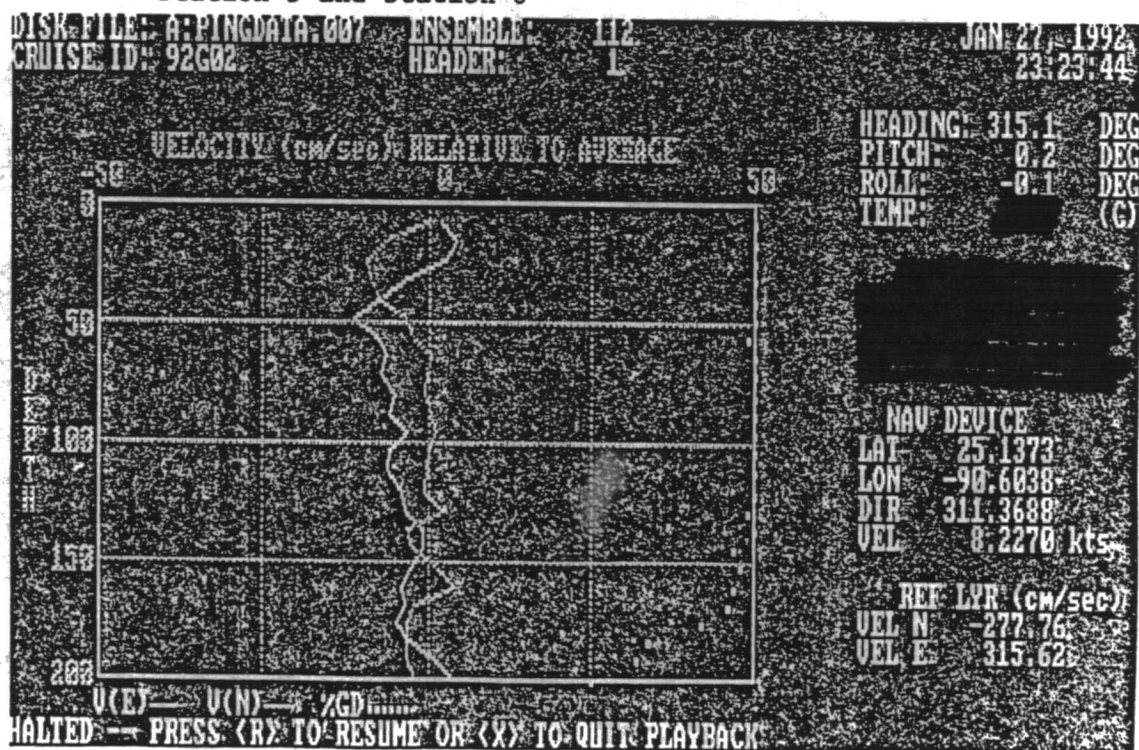


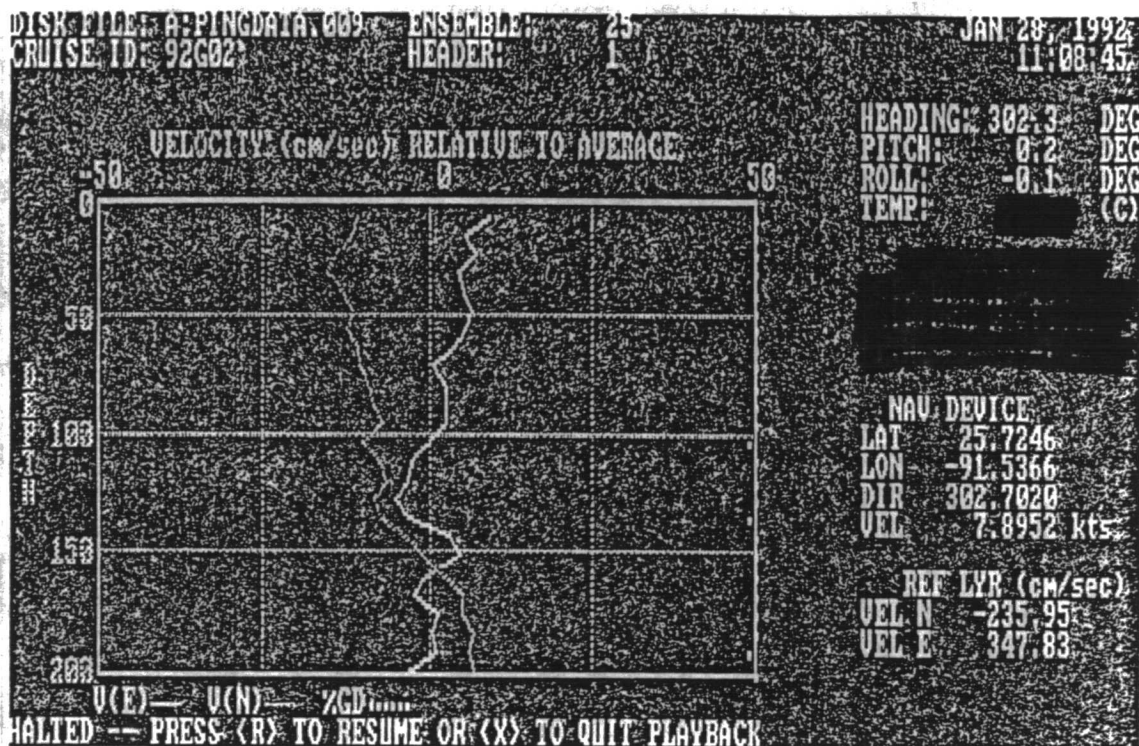
These four 5-minute ensembles of ADCP data were collected while GYRE was underway, about halfway between Sta 5 and Sta 6



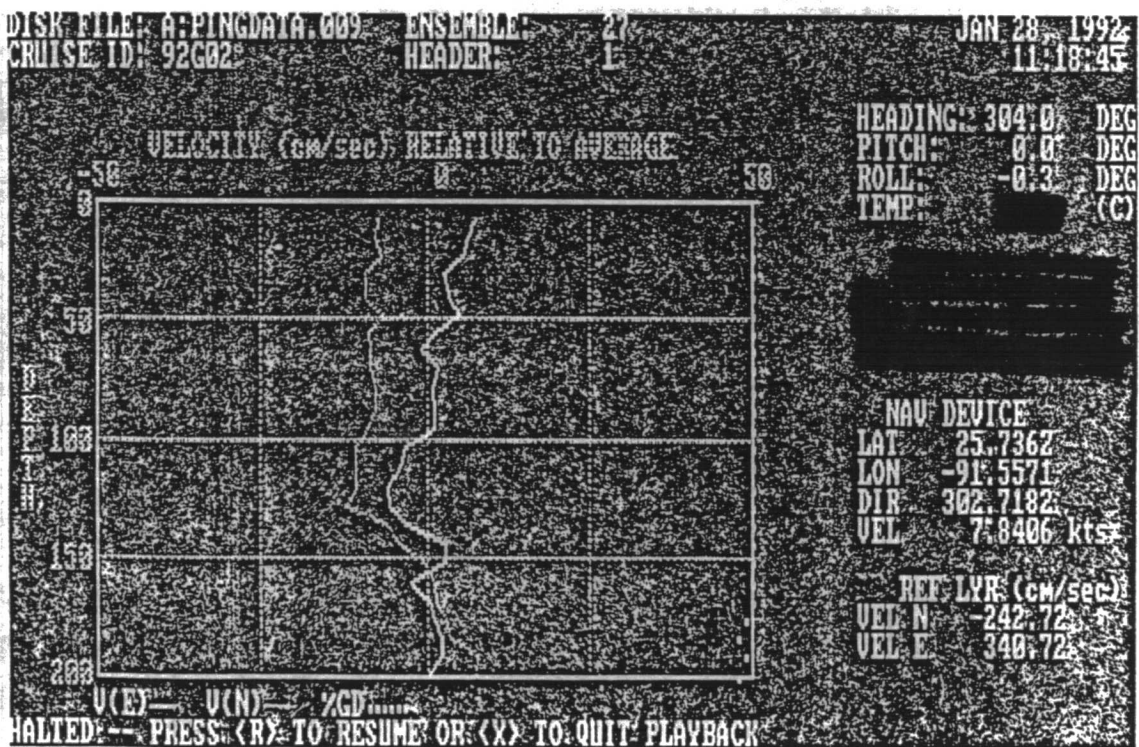


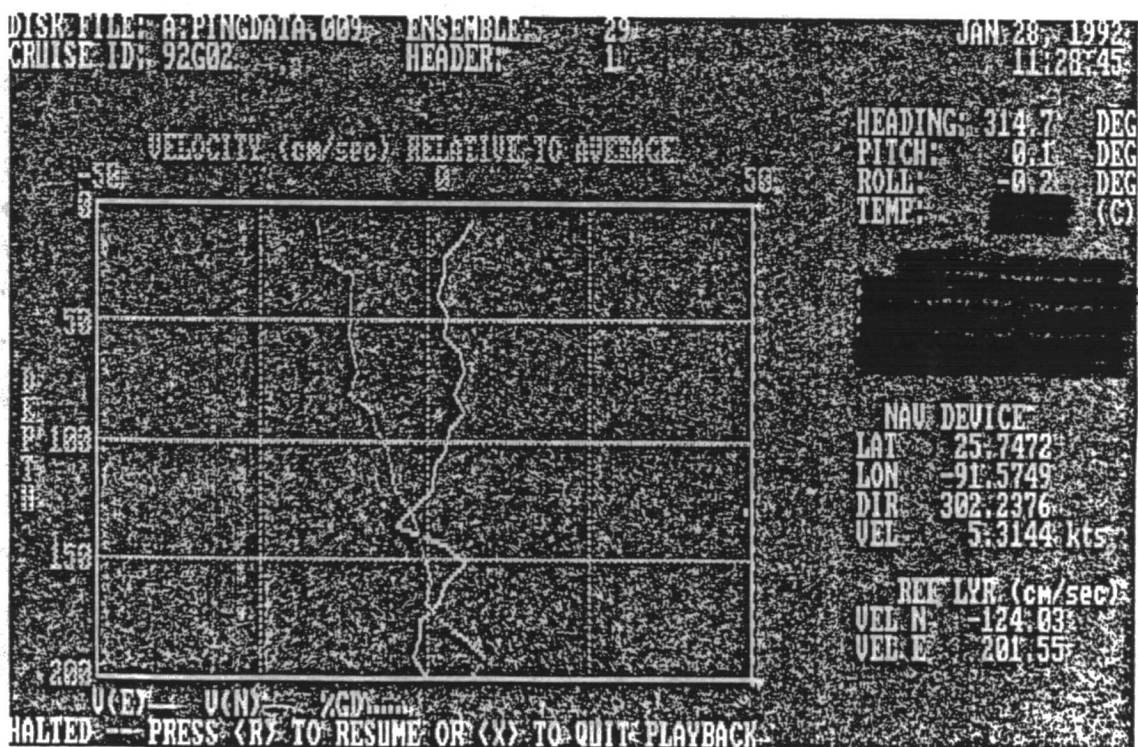
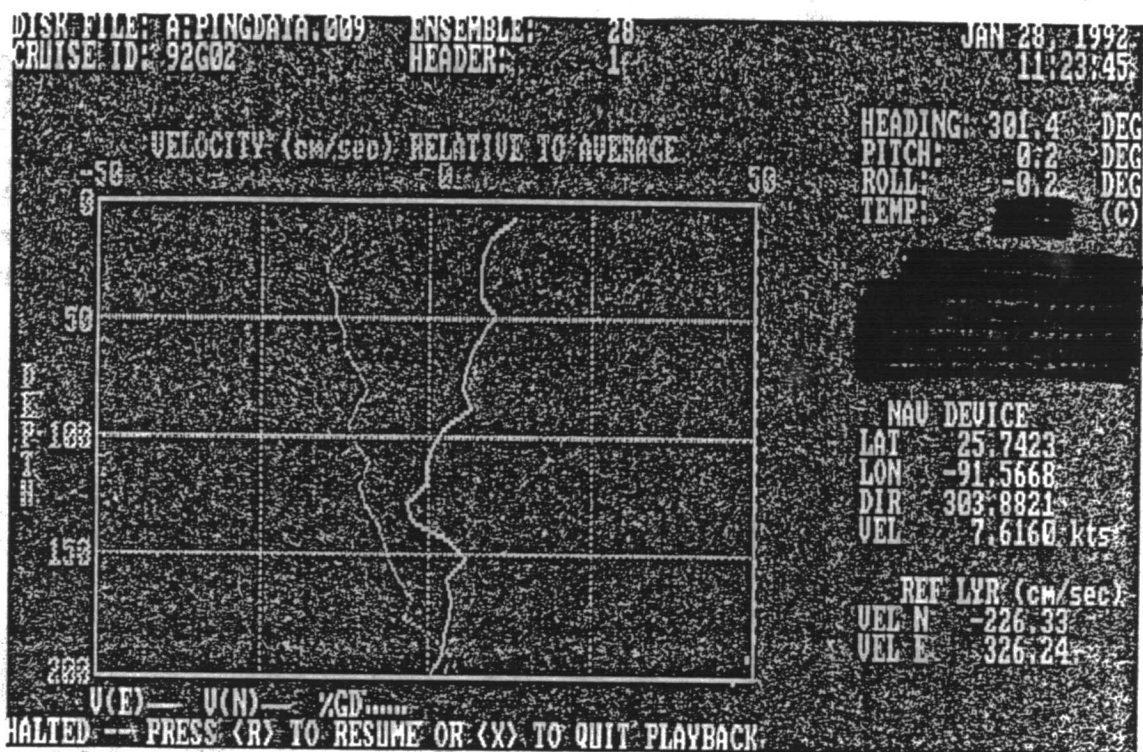
This ensemble (#4 of 4) is from the point exactly halfway between
 Station 5 and Station 6

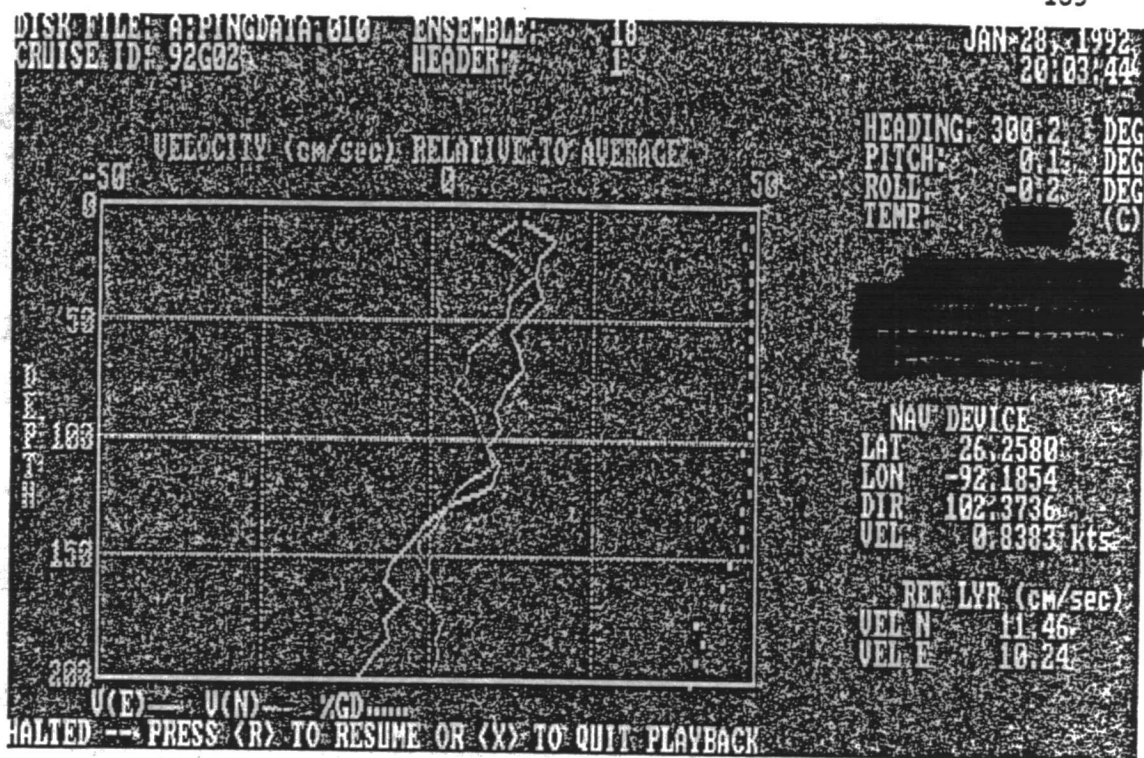




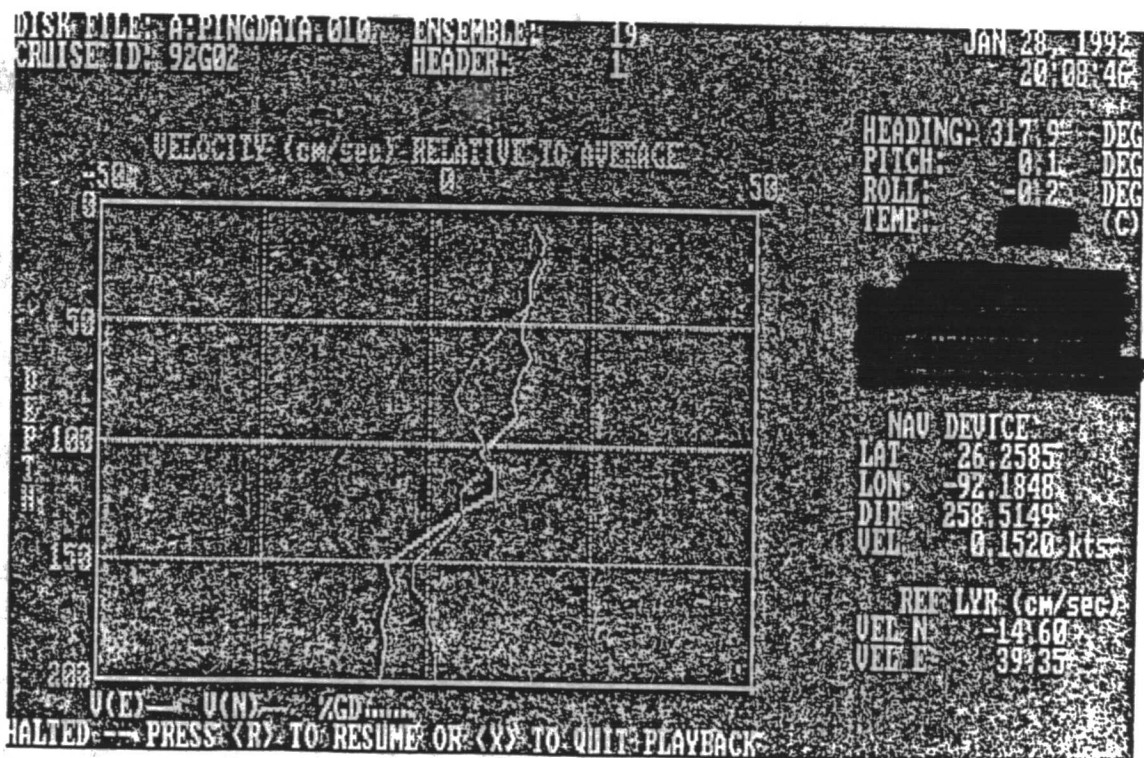
These four 5-minute ensembles of ADCP data were collected while GYRE was approaching Sta 8 (25 45N, 91 35W; CTD went in there at 1147 GMT).

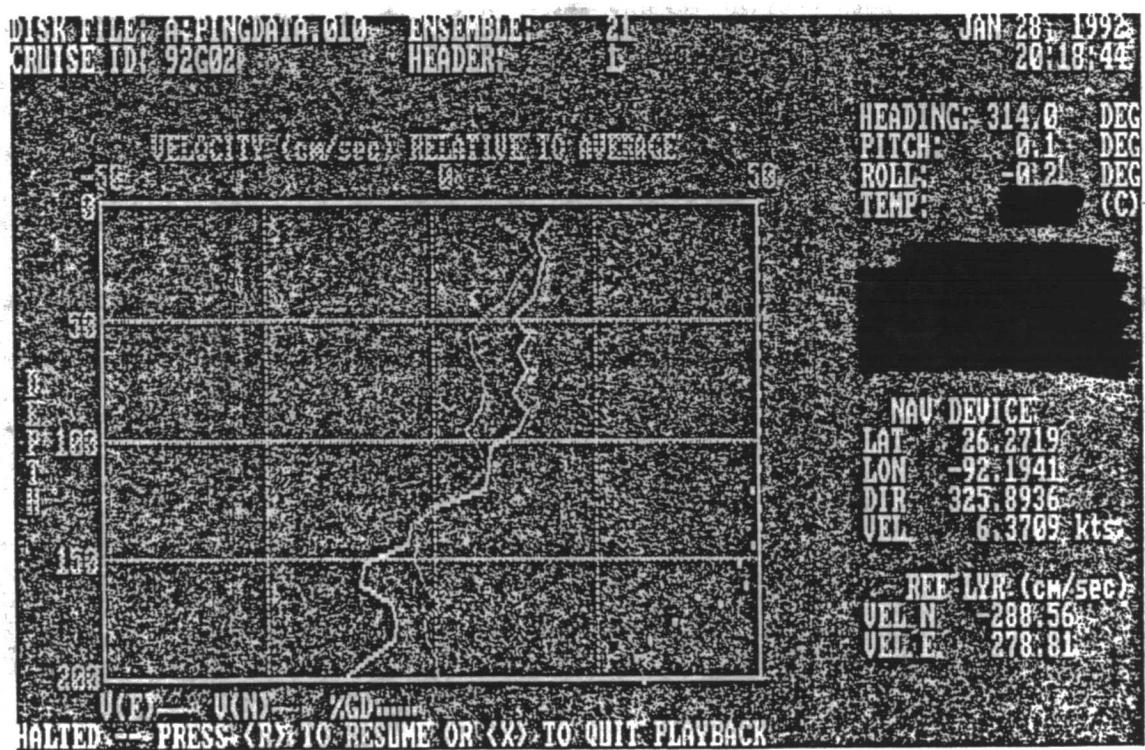
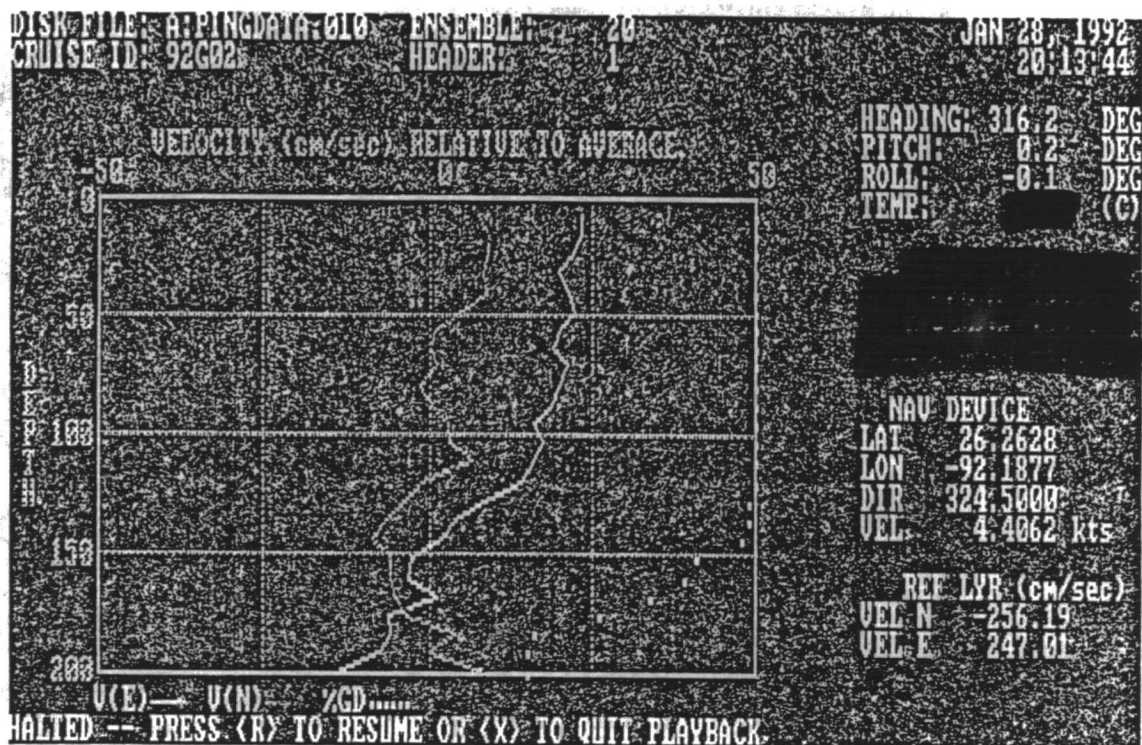




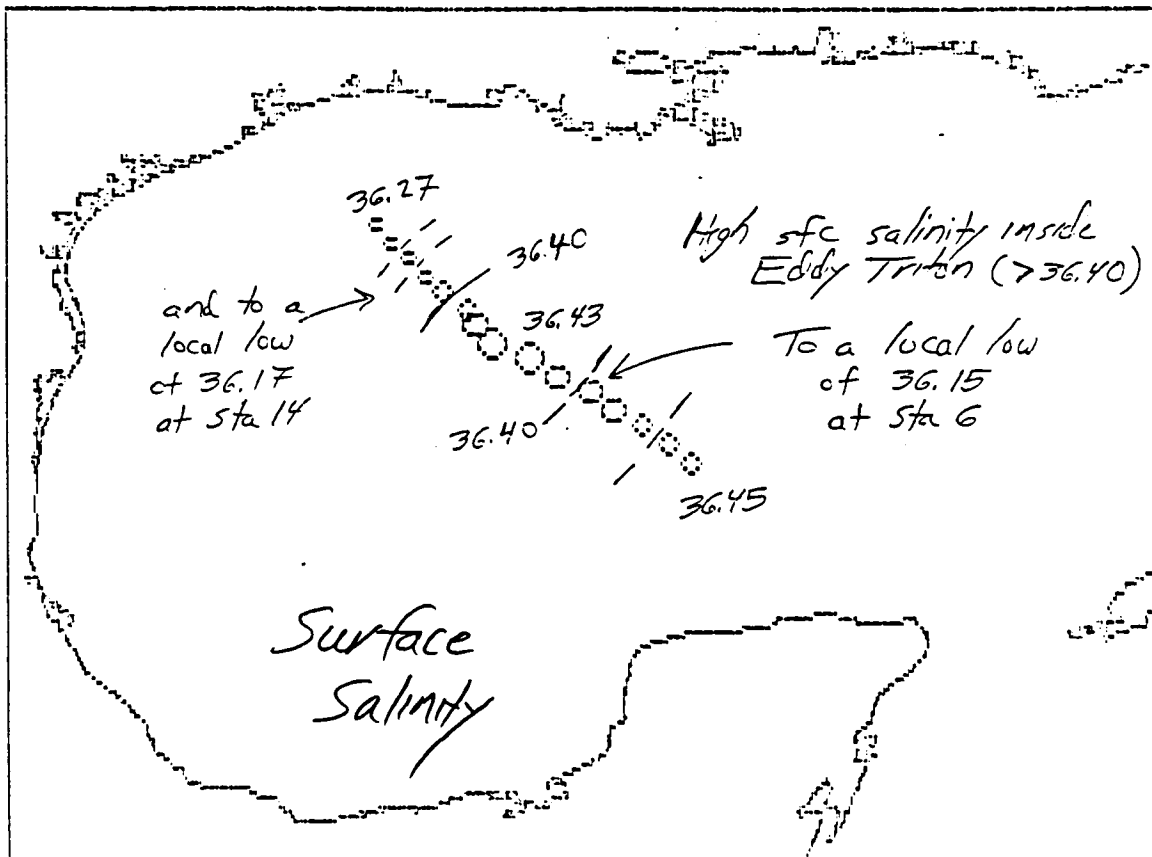
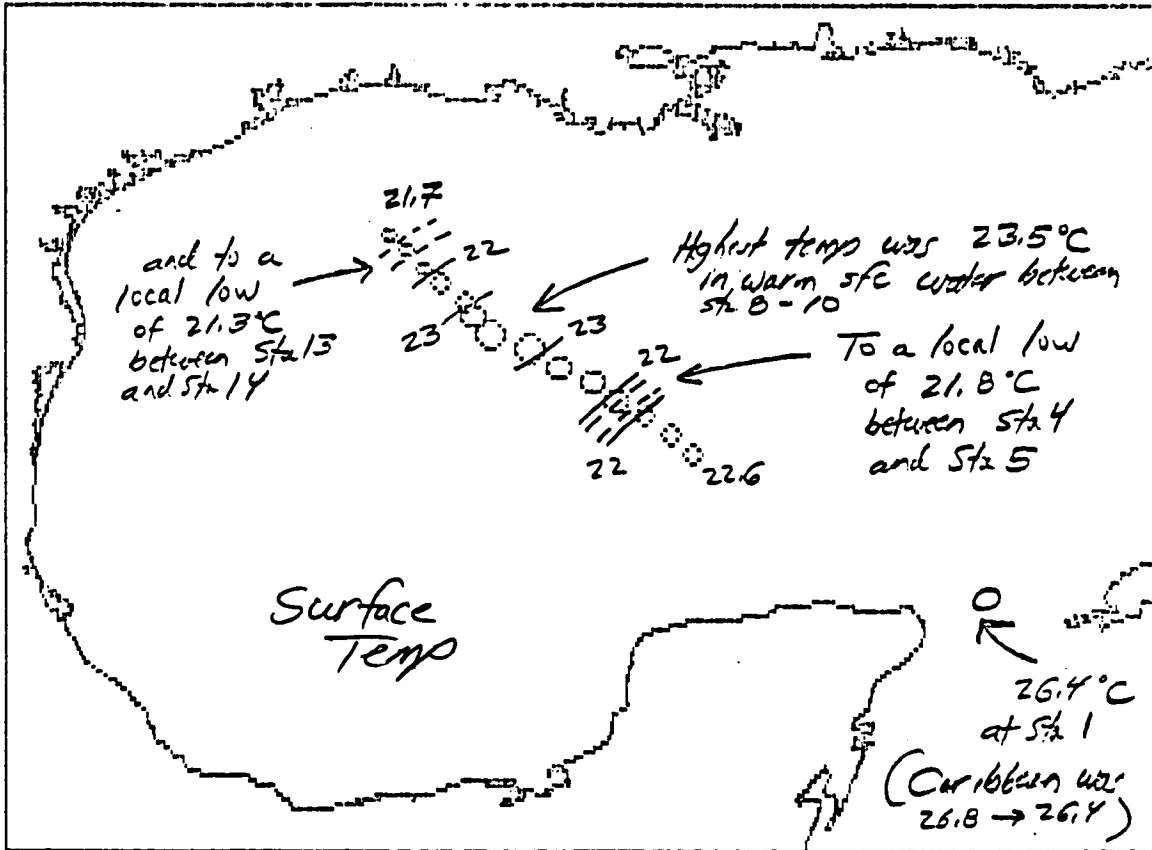


These four 5-minute ensembles of ADCP data were collected while GYRE was underway, after having completed Station 10





Title: Size of circle represents 20 deg iso depths. 92000

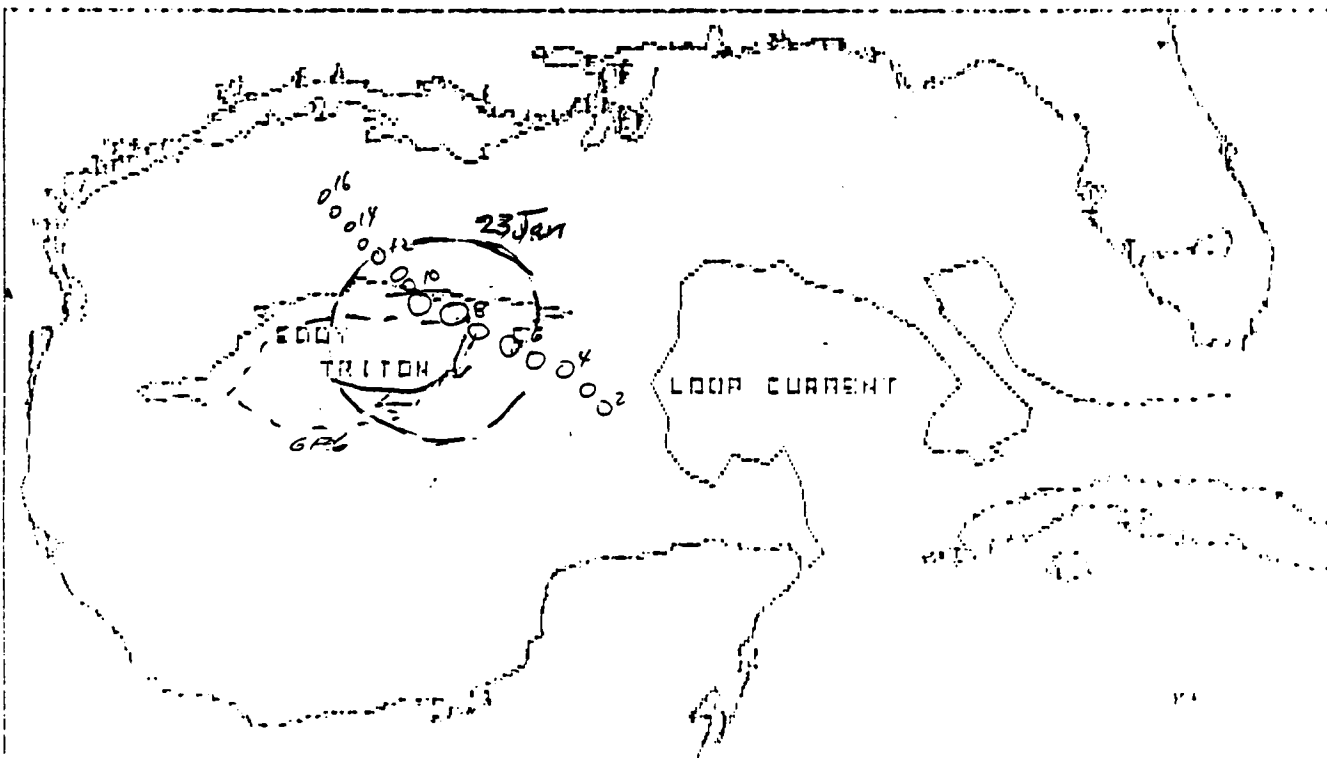


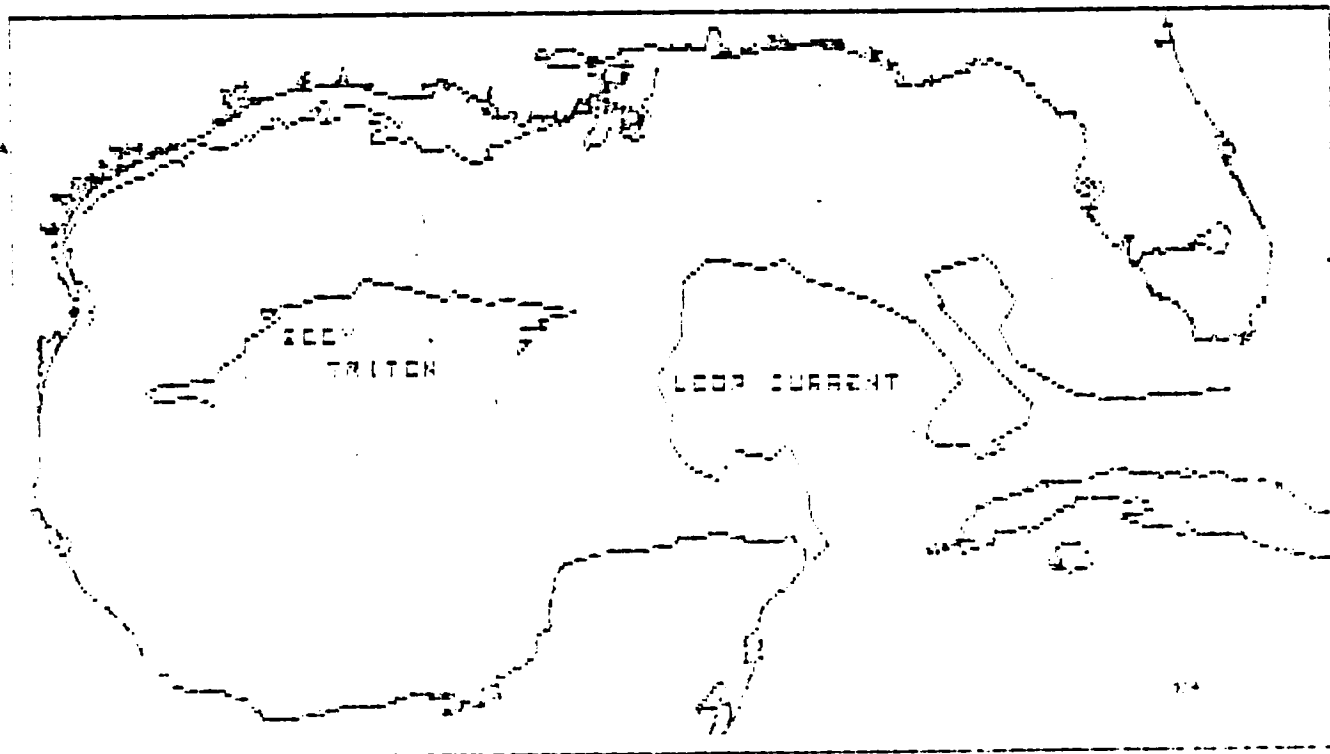
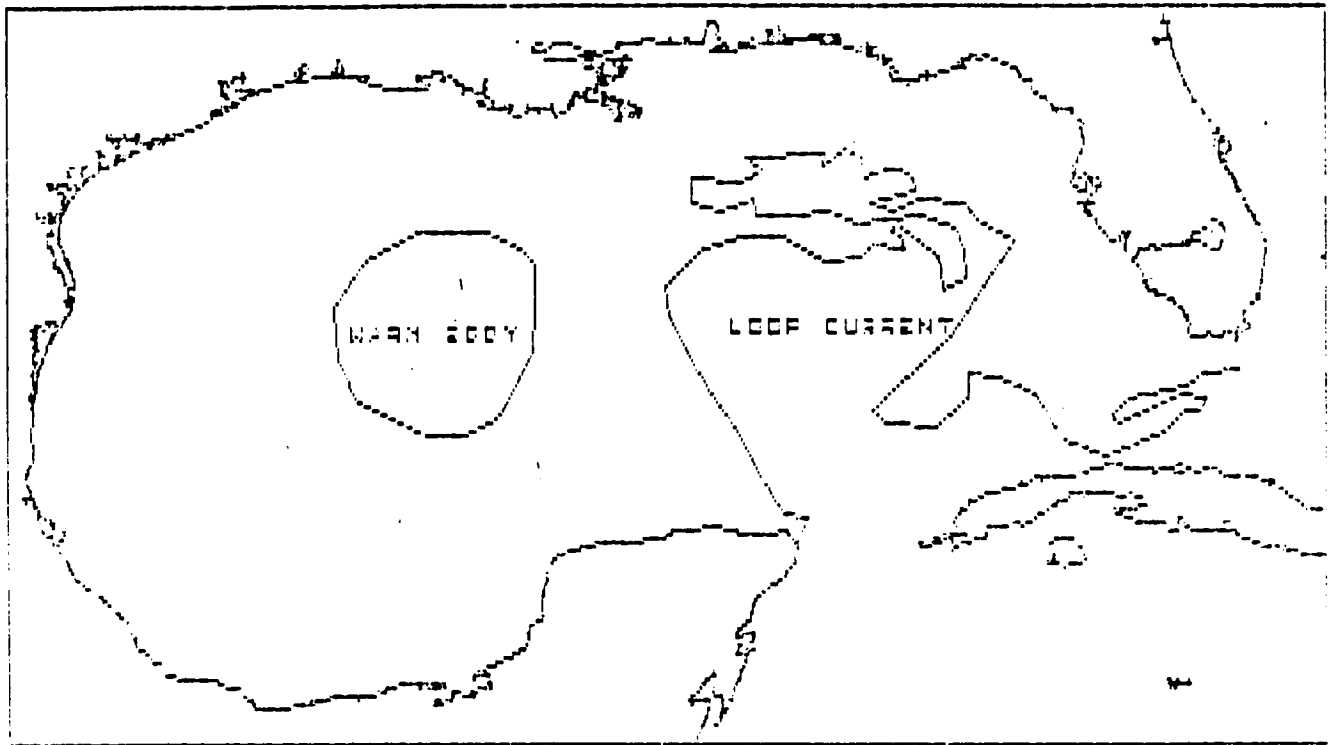
AVHRR AND BUOY TRACK DATA

The following pages present maps of sea surface temperature and ARGOS-tracked buoy trajectory data that were posted soon after cruise 92G-02 to GULF.MEX by our colleagues at LSU and Stennis Space Center.

The composite figure below summarizes A) GYRE station track 27-29 Jan 92; B) AVHRR SST for 23 Jan 92 and 19 Feb 92; C) Drifter 7494 trajectory for 28 Jan - 5 Feb 92. Note that ship-satellite-drifter data all generally agree that Eddy Triton was centered near 93W in late January 1992.

Figure: LSU HEIGHT DATA 19 FEB 92





From: M.BROWN.MHS

To: GULF HEX

Subj: Drifter 7494 in Eddy Triton

Mike Burdette of NDBC reports that 2 buoys were recently placed in Eddy Triton as part of an engineering test. The following rough file shows the track of one of them during the same period as Doug Biggs' recent transect.

FILE B7494

SEAPLOT file of approximate fixes for NDBC drifter, in Eddy Triton. Positions and times roughly digitized, from faxed chart,.

D,T,9999,9999,M,NDBC DRIFTER 7494, 7494, (920124) 6Z, -92.45227, 26.03193, D Deployment by USCG

D,2,-92.29706, 26.08446, L

D,3,-92.04282, 26.15082, L

D,4,-91.85541, 26.13746, L

D,5,-91.68299, 26.10615, L

26 Jan - D,6,-91.48129, 25.96568, L

24 Jan - D,7,-91.33192, 25.71458, L

D,8,-91.32233, 25.50313, L

D,9,-91.30144, 25.4274, L

D,10,-91.36856, 25.12335, L

D,11,-91.54149, 24.90941, L

D,12,-91.64339, 24.70002, L

D,13,-91.72522, 24.58142, L

D,14,-91.88007, 24.4688, L

D,15,-92.01307, 24.37563, L

D,16,-92.14721, 24.37771, L

D,17,-92.25303, 24.37783, L

D,18,-92.53219, 24.42573, L

D,19,-92.81603, 24.49548, L

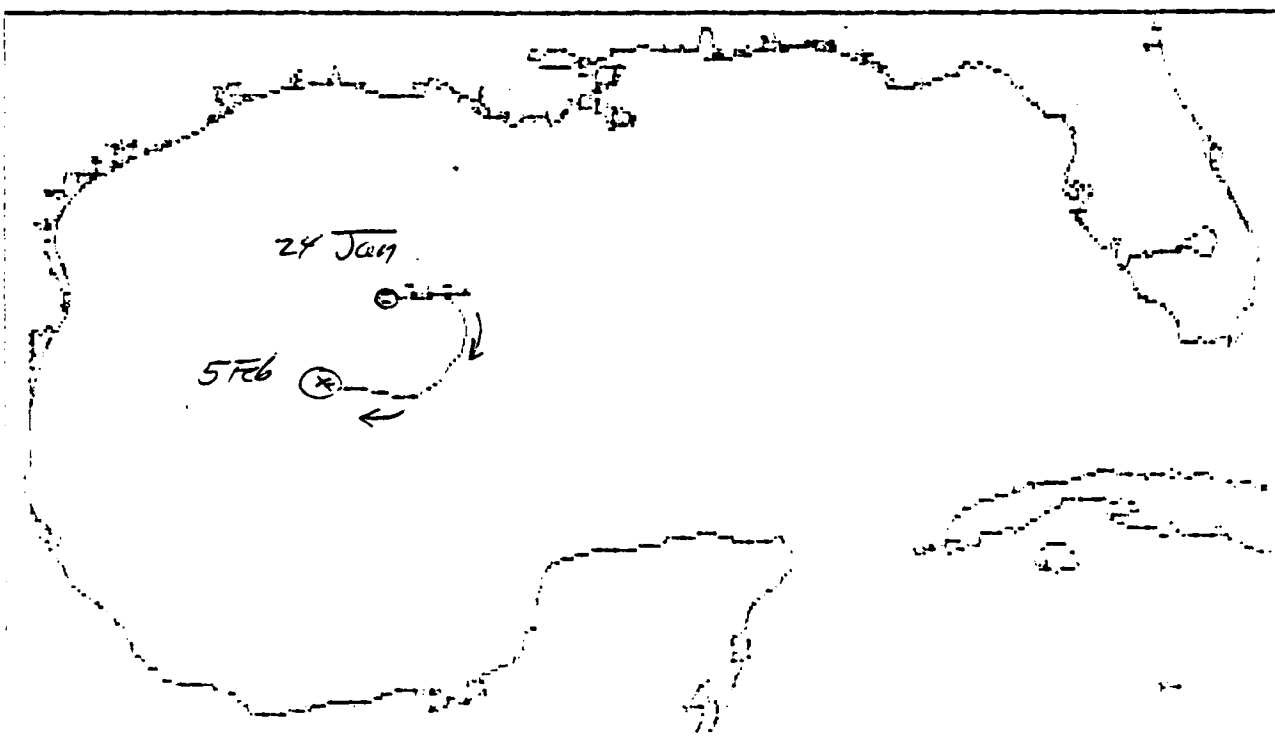
D,20,-92.88756, 24.51362, L

D,21,-92.94671, 24.52087, L

D,22,-93.11176, 24.49783, L

D,23,-93.18683, 24.53952, L

5 Feb - D, (920206) 13Z, -93.26823, 24.57918, L Still drifting



Posted: Fri, Feb 21, 1992 5:04 PM CST
From: CSILSU
To: GULF.MEX
Subj: BUOY POSITIONS: 7493 AND 7494

Msg: FGJC-5130-1736

THE POSITIONS OF BUOYS 7493 AND 7494 ARE GIVEN BELOW.
THE FILES CONTAIN THE COMPLETE RECORD AS WE HAVE COMPILED IT.
WE ARE ATTEMPTING TO LOCATE THE BUOYS TWICE EACH DAY AT LEAST.
THE FILES ARE ALMOST IN SEAPLOT FORMAT. ALL THAT MUST BE ADDED
IS A COMMA AT THE END AND A PLOTTING SYMBOL.

BUOY 7494,,,,
DATA GENERATED BY THE EARTH SCAN LAB,,,,
LOUISIANA STATE UNIVERSITY,,,,

7494, 92/01/06 13:54, -90.3582, 30.5106
7494, 92/01/10 20:37, -89.5911, 30.3594
7494, 92/01/28 09:06, -91.5448, 26.0198
7494, 92/01/28 20:26, -91.4801, 25.8902
7494, 92/01/29 08:54, -91.4069, 25.7402
7494, 92/01/29 20:14, -91.3708, 25.6256
7494, 92/01/30 08:42, -91.3304, 25.4962
7494, 92/01/30 20:00, -91.3216, 25.3542
7494, 92/01/31 19:48, -91.4707, 25.0057
7494, 92/02/01 08:21, -91.6084, 24.8267
7494, 92/02/02 09:47, -91.8324, 24.5198
7494, 92/02/03 09:36, -92.1445, 24.3736
7494, 92/02/03 20:53, -92.4063, 24.4174
7494, 92/02/04 09:26, -92.6722, 24.5072
7494, 92/02/05 09:13, -93.0589, 24.5168
7494, 92/02/05 20:32, -93.1842, 24.5304
7494, 92/02/06 09:02, -93.2499, 24.5843
7494, 92/02/06 20:19, -93.2918, 24.6444
7494, 92/02/07 20:07, -93.3818, 24.6672
7494, 92/02/08 01:35, -93.3493, 24.6975
7494, 92/02/09 08:25, -93.5054, 24.7516
7494, 92/02/09 19:46, -93.5703, 24.7948
7494, 92/02/09 19:46, -93.5703, 24.8033
7494, 92/02/10 00:53, -93.6153, 24.8217
7494, 92/02/11 21:01, -93.6190, 25.3283
7494, 92/02/13 09:19, -93.0171, 25.6856
7494, 92/02/14 20:27, -92.4628, 25.5611
7494, 92/02/15 20:13, -92.3190, 25.2762
7494, 92/02/16 20:01, -92.3638, 24.9803
7494, 92/02/16 20:04, -92.3655, 24.9919
7494, 92/02/17 08:30, -92.4118, 24.8797
7494, 92/02/17 00:06, -92.3951, 24.9532
7494, 92/02/17 19:51, -92.4256, 24.7370
7494, 92/02/18 19:39, -92.6632, 24.5200
7494, 92/02/19 09:48, -92.8793, 24.3785
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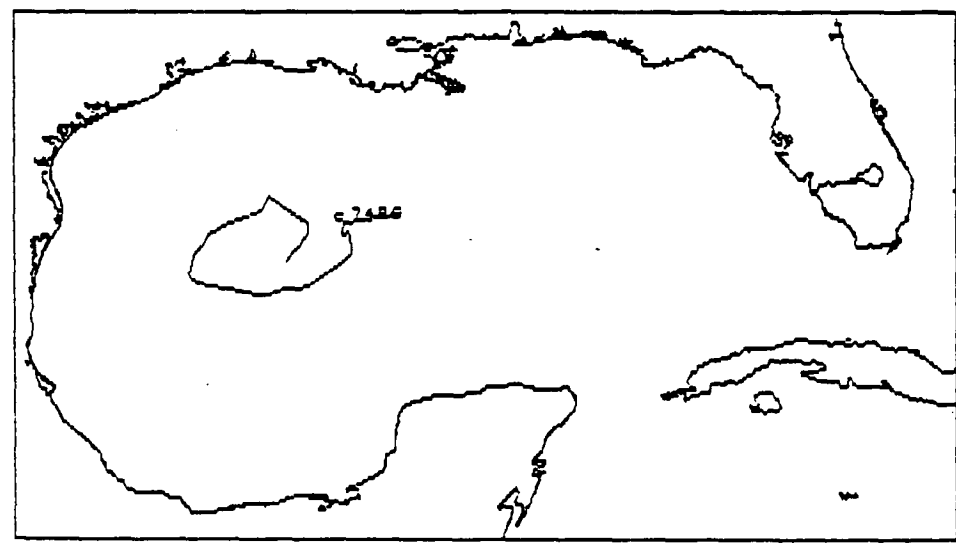
BUOY 7493,,,,
DATA GENERATED BY THE EARTH SCAN LAB,,,,
COASTAL STUDIES INSTITUTE,,,,
LOUISIANA STATE UNIVERSITY,,,,

7493, 92/01/10 20:36, -89.5960, 30.3577
7493, 92/01/28 20:27, -91.4473, 25.8970
7493, 92/01/29 08:55, -91.3508, 25.7929
7493, 92/01/29 20:12, -78.3744, 28.4875
7493, 92/01/30 08:43, -91.2673, 25.5883
7493, 92/01/30 20:01, -91.2430, 25.4470
7493, 92/02/01 08:20, -91.1987, 25.0639
7493, 92/02/01 21:18, -91.2943, 24.8939
7493, 92/02/02 09:48, -91.4461, 24.7538
7493, 92/02/02 21:06, -91.6197, 24.5935
7493, 92/02/03 09:36, -91.8900, 24.3906
7493, 92/02/03 20:56, -92.0696, 24.2620
7493, 92/02/04 09:26, -92.2997, 24.1551
7493, 92/02/04 20:42, -92.5355, 24.1853
7493, 92/02/05 09:12, -92.7413, 24.1135
7493, 92/02/05 20:32, -92.9277, 24.0609
7493, 92/02/06 09:00, -93.1217, 24.0345
7493, 92/02/06 20:18, -93.3416, 24.0802
7493, 92/02/08 01:36, -93.7680, 24.1856
7493, 92/02/09 08:24, -94.2917, 24.2917
7493, 92/02/09 19:44, -94.4051, 24.3891
7493, 92/02/09 19:44, -94.4050, 24.3975
7493, 92/02/10 00:53, -94.4405, 24.4365
7493, 92/02/10 09:54, -94.4756, 24.5065
7493, 92/02/11 21:03, -94.3533, 25.0164
7493, 92/02/12 09:30, -94.2220, 25.2261
7493, 92/02/12 20:48, -94.1044, 25.4551
7493, 92/02/13 09:18, -93.8019, 25.6654
7493, 92/02/14 20:26, -93.0486, 26.0453
7493, 92/02/15 20:14, -76.8750, 29.4546
7493, 92/02/16 20:04, -92.2822, 25.9254
7493, 92/02/17 08:31, -92.1898, 25.8592
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7493, 92/02/19 09:49, -92.2134, 25.2714
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Title: b7494.dat ■



Title: b7493.dat ■



ACKNOWLEDGMENTS

This ship-of-opportunity hydrographic transect of warm-core Eddy Triton was carried out by David Voegele and R V Pittman of the TAMU Technical Support Services Group, in cooperation with Deck Engineer Des Rolf from the TAMU Marine Operations Group. Texas A&M University provided 2 days of state-supported Texas Institutions Gulf Ecosystem Research (TIGER) ship time to add on to what had been planned as a deadhead transit West Africa to Galveston following 5 months of contract work by R/V Gyre off west Africa. This 2 day allocation of TIGER funding allowed R/V Gyre to make a port call in Grand Cayman Island to pick up the 3 TAMU technical staff and provided the additional time needed to divert Gyre's return course so that the ship could pass through Eddy Triton and stop enroute to make 8 CTD stations and a deep ocean box core. Support for the 3 TAMU technicians while at sea was provided by the US Minerals Management Service, under Cooperative Agreement 14-35-0001-30501 for the sharing of ship-of-opportunity hydrographic data between Texas A&M University and MMS. The XBT and CTD data have also been reported in NODC format to NOAA's National Oceanographic Data Center (they were sent 14 April 92 on diskette, for inclusion into the database for TIGER project number 0215).

Especial thanks go to Sparton of Canada, Ltd., for providing the two cases of T-7 XBTs that were used to supplement the CTD stations for this hydrographic section across the central Gulf of Mexico. Thanks go also to Ken Schaudt of Marathon Oil Company, who announced the formation of Eddy Triton and kept us advised of its location between its separation from the Loop Current and the start of this field program, and to George Forristall of Shell Development Company, who shared ARGOS buoy trajectory data with us pre-cruise. We also appreciate the efforts of Jeff Hawkins and Doug May of NORL, Larry Rouse of LSU, and Jennifer Clark of NOAA-NESDIS, for keeping us updated with remote sensing AVHRR data.



The Department of the Interior Mission

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.



The Minerals Management Service Mission

As a bureau of the Department of the Interior, the Minerals Management Service's (MMS) primary responsibilities are to manage the mineral resources located on the Nation's Outer Continental Shelf (OCS), collect revenue from the Federal OCS and onshore Federal and Indian lands, and distribute those revenues.

Moreover, in working to meet its responsibilities, the **Offshore Minerals Management Program** administers the OCS competitive leasing program and oversees the safe and environmentally sound exploration and production of our Nation's offshore natural gas, oil and other mineral resources. The MMS **Minerals Revenue Management** meets its responsibilities by ensuring the efficient, timely and accurate collection and disbursement of revenue from mineral leasing and production due to Indian tribes and allottees, States and the U.S. Treasury.

The MMS strives to fulfill its responsibilities through the general guiding principles of: (1) being responsive to the public's concerns and interests by maintaining a dialogue with all potentially affected parties and (2) carrying out its programs with an emphasis on working to enhance the quality of life for all Americans by lending MMS assistance and expertise to economic development and environmental protection.