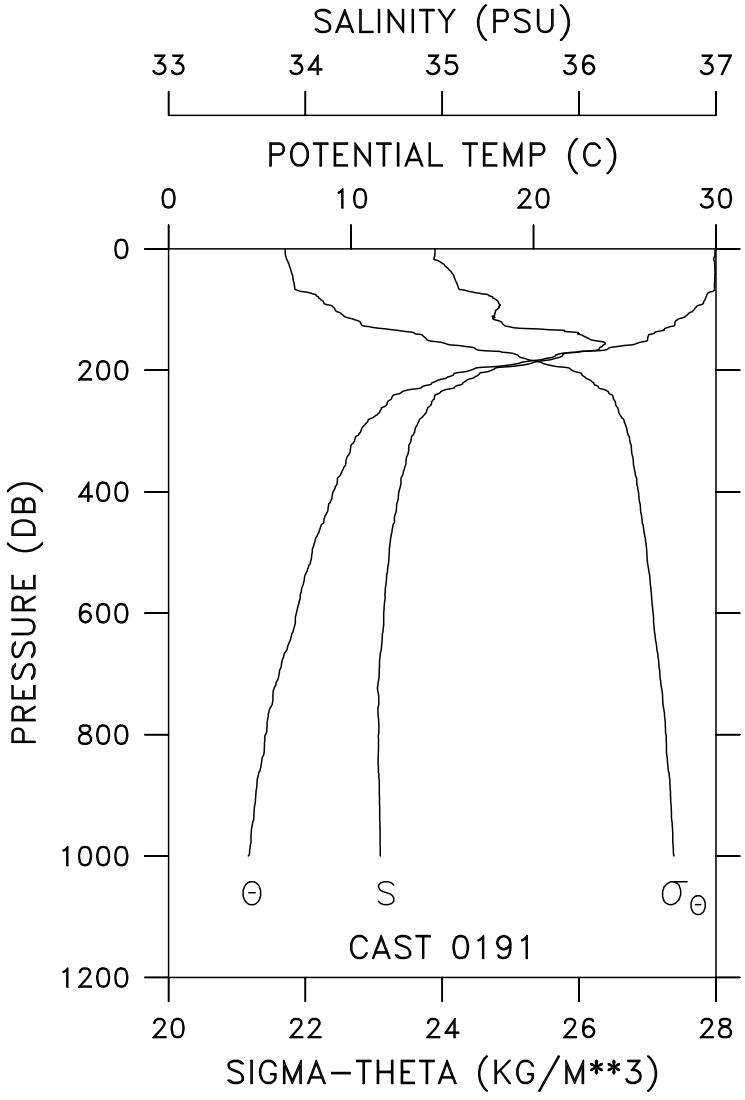


CAST GP4-05-KA-0191 DATE 22 JUL 05 TIME 1202 GMT
LAT 3 59.4S LONG 165 5.8E WEATHER 1 SEA STATE 4
BAROMETER 6 WIND DIR 82 T SPD 3 KT VISIBILITY 8
CLOUD 8 AMOUNT 1 DRY 28.8 WET 26.3 DEPTH 3374 M

| PRES (DB) | POT TEMP (C) | SAL (PSU) | SIG-TH | DELTA-D (DYN-M) |
|---|---|---|---|---|
| 0 | 29.950 | 34.947 | 21.706 | 0.000 |
| 10 | 29.942 | 34.946 | 21.708 | 0.061 |
| 20 | 29.910 | 34.974 | 21.740 | 0.122 |
| 30 | 29.938 | 35.030 | 21.772 | 0.182 |
| 40 | 29.947 | 35.072 | 21.801 | 0.243 |
| 50 | 29.934 | 35.093 | 21.821 | 0.303 |
| 60 | 29.923 | 35.112 | 21.839 | 0.363 |
| 70 | 29.818 | 35.198 | 21.939 | 0.423 |
| 80 | 29.448 | 35.368 | 22.192 | 0.480 |
| 90 | 29.304 | 35.414 | 22.275 | 0.536 |
| 100 | 28.813 | 35.400 | 22.429 | 0.591 |
| 110 | 28.384 | 35.379 | 22.556 | 0.645 |
| 120 | 27.761 | 35.430 | 22.798 | 0.697 |
| 130 | 27.296 | 35.523 | 23.019 | 0.748 |
| 140 | 26.533 | 35.990 | 23.614 | 0.794 |
| 150 | 26.257 | 36.089 | 23.776 | 0.836 |
| 160 | 24.769 | 36.172 | 24.299 | 0.875 |
| 170 | 22.355 | 35.992 | 24.873 | 0.910 |
| 180 | 20.767 | 35.829 | 25.190 | 0.939 |
| 190 | 18.928 | 35.619 | 25.514 | 0.966 |
| 200 | 16.563 | 35.361 | 25.895 | 0.989 |
| 250 | 12.069 | 34.928 | 26.521 | 1.080 |
| 300 | 10.536 | 34.799 | 26.702 | 1.154 |
| 350 | 9.719 | 34.735 | 26.793 | 1.222 |
| 400 | 9.022 | 34.683 | 26.867 | 1.287 |
| 450 | 8.511 | 34.651 | 26.922 | 1.349 |
| 500 | 7.871 | 34.613 | 26.989 | 1.407 |
| 550 | 7.399 | 34.590 | 27.040 | 1.464 |
| 600 | 7.003 | 34.572 | 27.082 | 1.518 |
| 650 | 6.587 | 34.559 | 27.128 | 1.571 |
| 700 | 6.057 | 34.539 | 27.181 | 1.621 |
| 750 | 5.685 | 34.536 | 27.226 | 1.669 |
| 800 | 5.314 | 34.534 | 27.269 | 1.714 |
| 900 | 4.782 | 34.541 | 27.336 | 1.801 |
| 1000 | 4.368 | 34.548 | 27.388 | 1.883 |
| 1001 | 4.353 | 34.549 | 27.390 | 1.883 |