

沿岸定線観測結果 (2024-3月)

三重県水産研究所

調査海域 熊野灘
調査年月日 2024年3月14-15日
使用船 あさま (84トン)
調査員 駒田 文菜

調査結果

調査時の水温は、表面では 16.6~18.3°C、50m では 15.9~17.8°C、100m では 14.3~17.1°C、200m では 11.6~15.4°C の範囲にあった。測点 13, 29, 30 を除いた測点では、表面、20m、50m 及び 100m では平年よりも 1~2°C 前後高めであった。また、200m では、測点 28 で平年より約 3°C 高かったほかは、平年並~1°C 前後高めであった。測点 13, 29, 30 の水温は、表面、20m、50m 及び 100m では平年より約 1~2°C、200m では平年より約 1~4°C 低めであった。

塩分は、表面で 33.74~34.67、20m では 34.52~34.67、200m では 34.38~34.56 の範囲にあり、測点 28 の 200m で平年より高かったほかは、概ね平年並であった。

観測時の黒潮は、遠州灘沖で 31° N 以南まで達する大蛇行流路 (A 型) であったため、調査では黒潮に達しなかった。

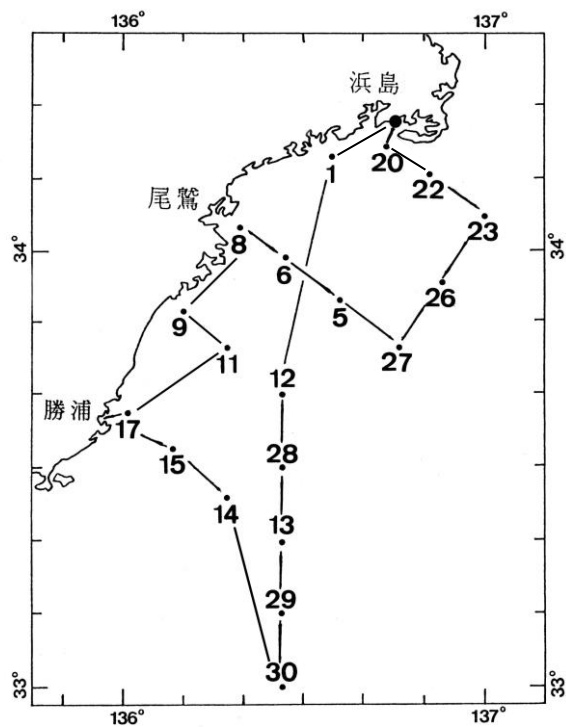
沿岸及び北部沖合では北~北西寄り、南部沖合では南~南西寄りの流れが観測されたが、特に強い流れは観測されなかった。

==== 使用観測機器 =====

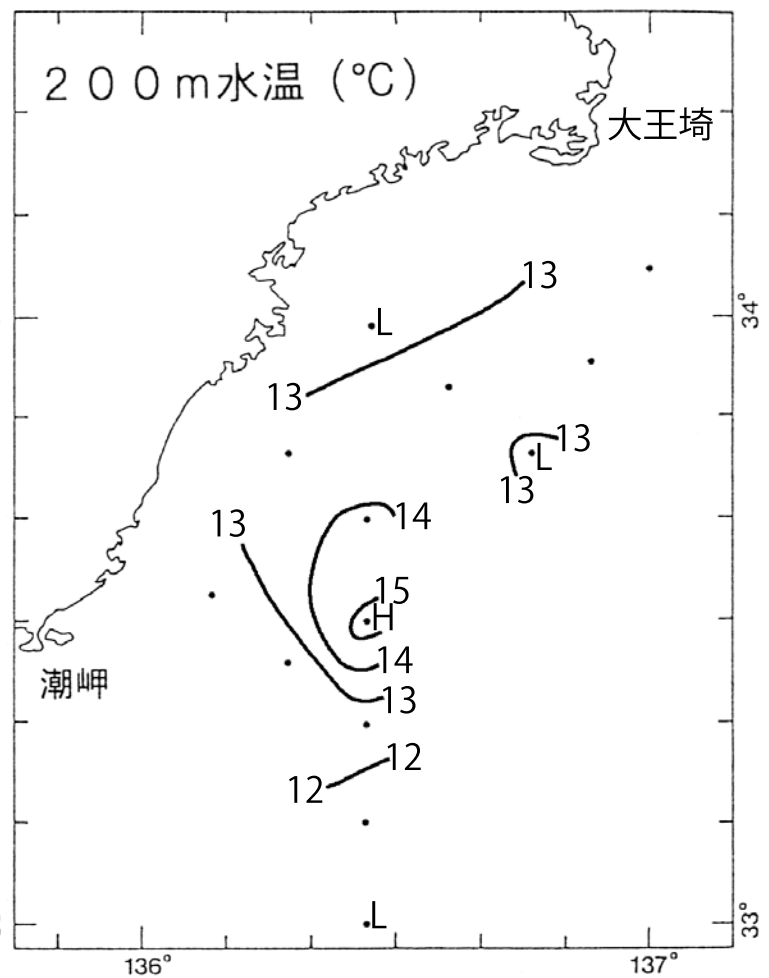
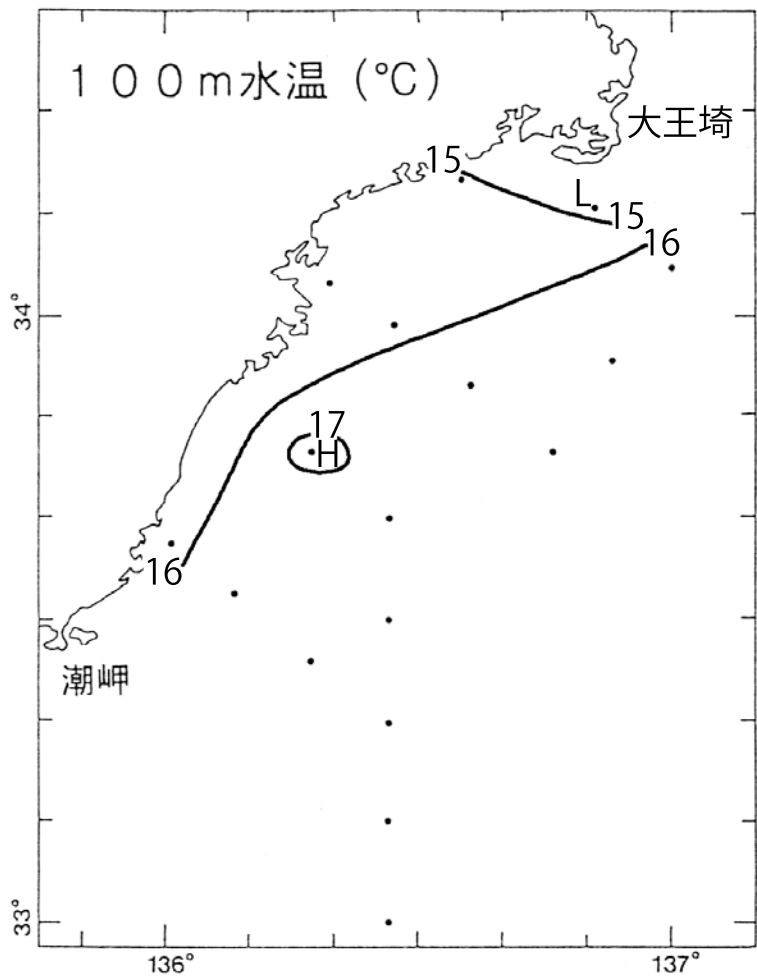
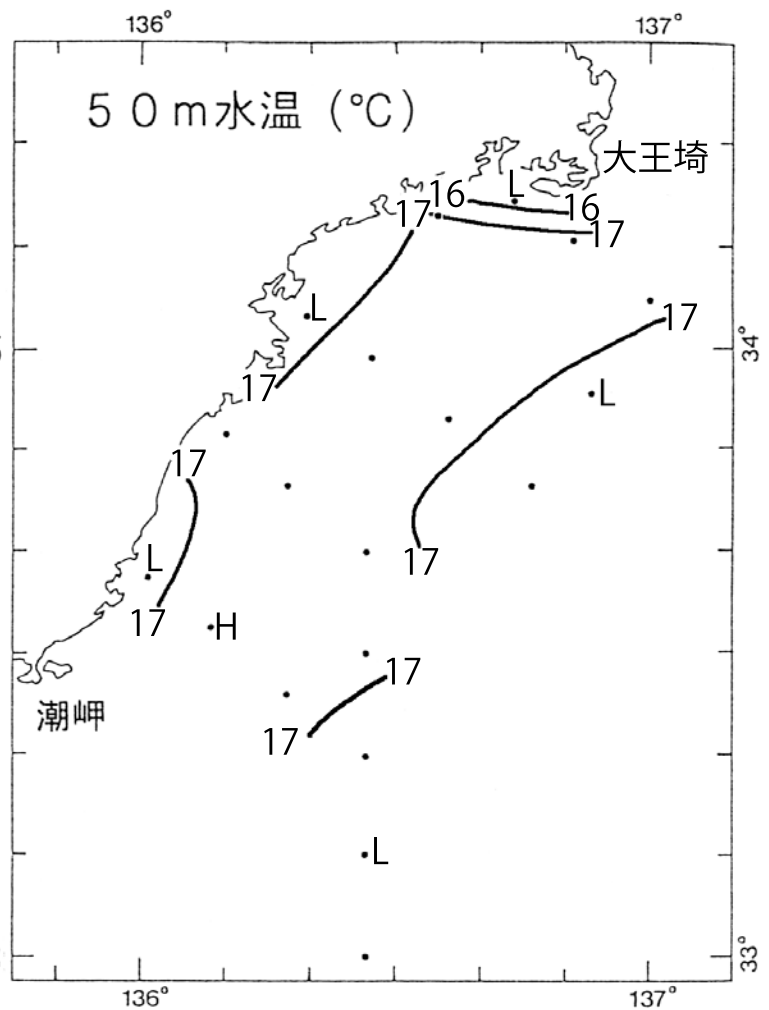
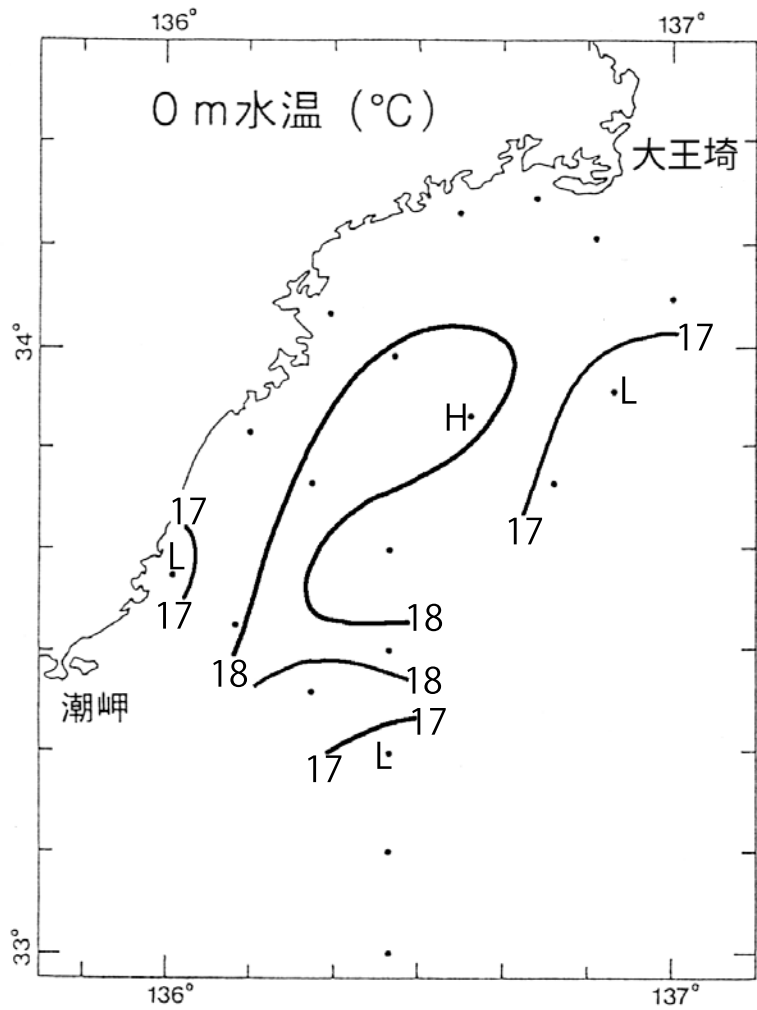
- ・ 水温、塩分、DO、クロロフィル
CTD : SeaBird 社製 SBE-9plus
鶴見精機製 XCTD
- ・ クロロフィル : WetLab 社製 Eco-AFL
- ・ 流向流速計
ADCP : RD 社製 300kHz

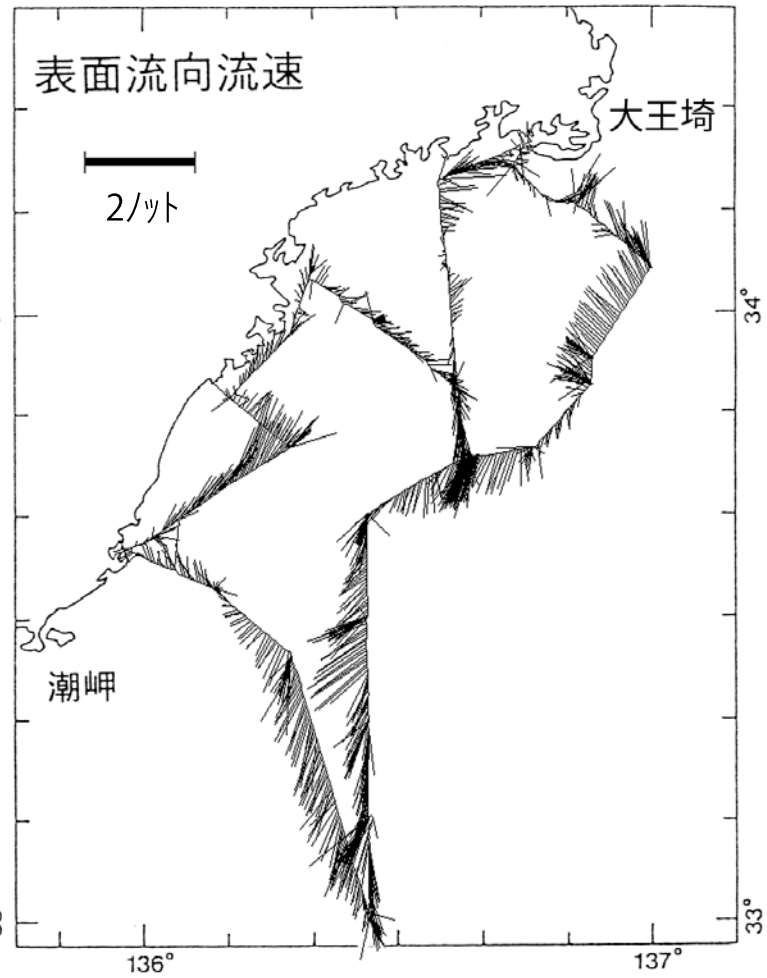
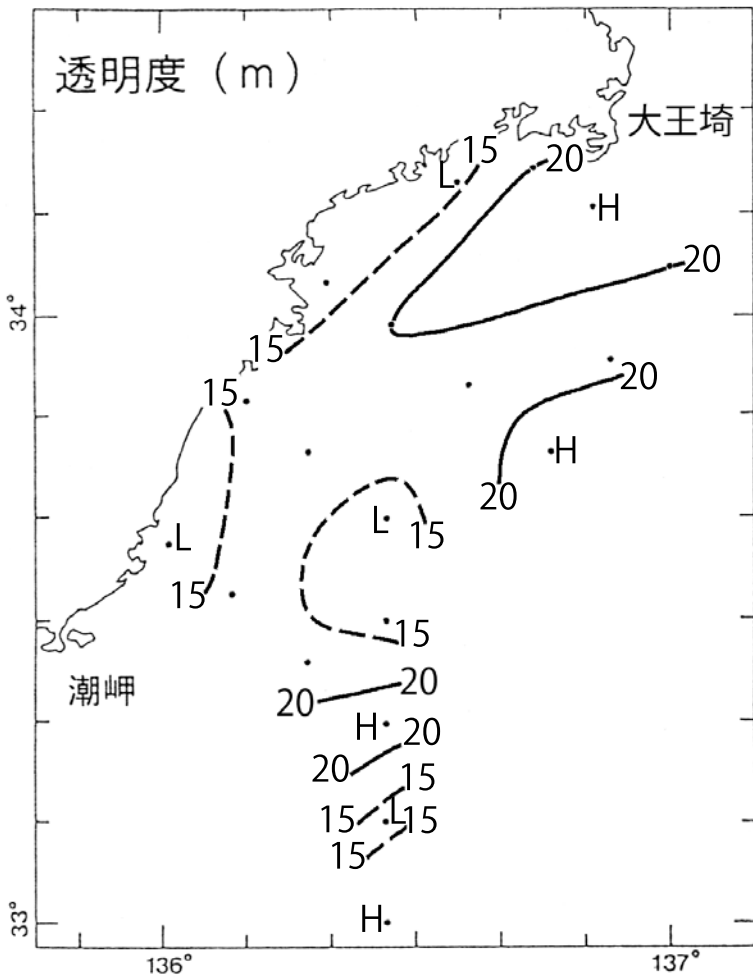
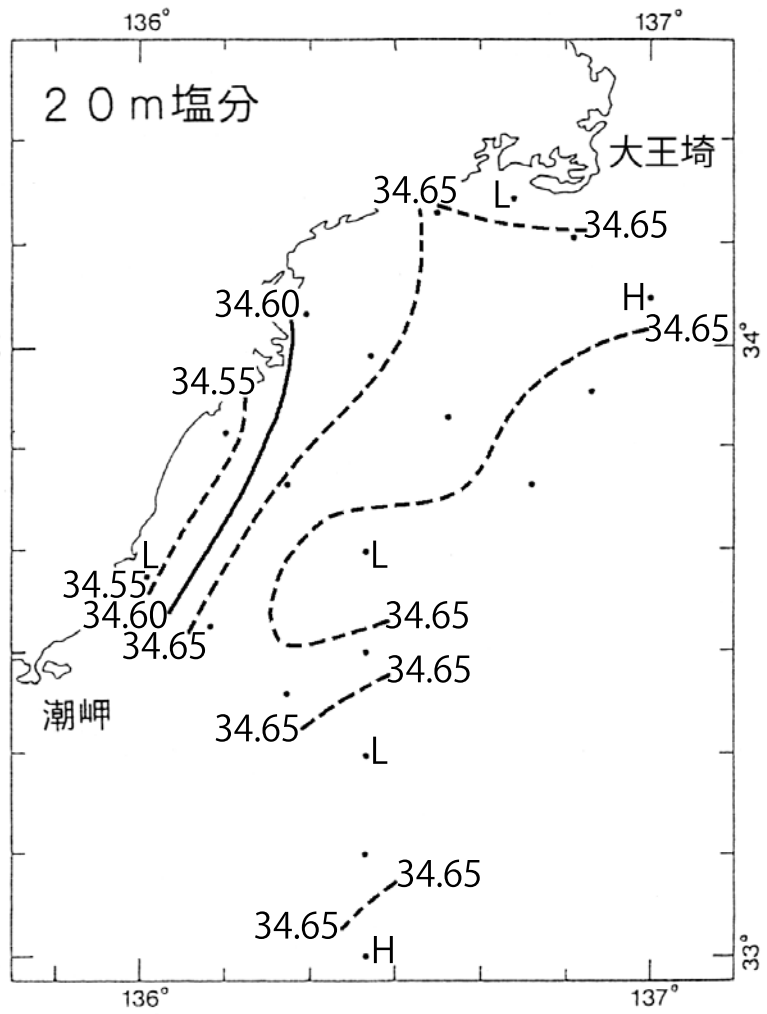
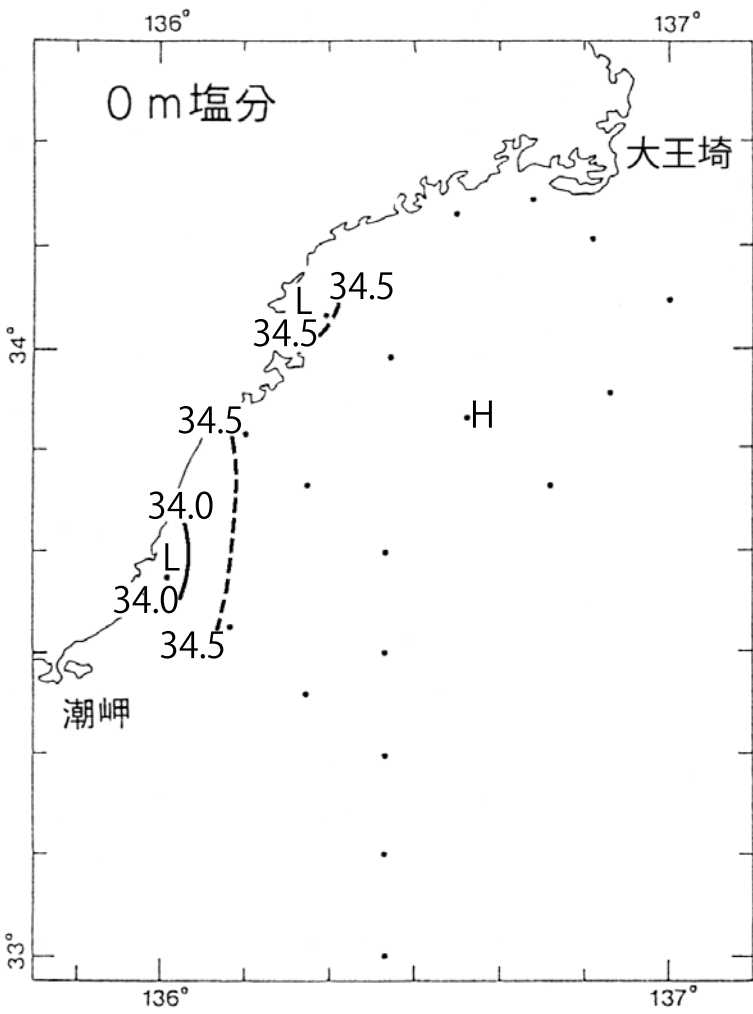
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※ 平年値: 1991-2020 年 (測点 29, 30 は 2002-2020 年)



沿岸定線図





沿岸定線観測結果 (令和6年3月分)

調査員: 駒田 文菜・岩田 定和

| 測点 | | | 1 | | 5 | | 6 | | 8 | | 9 | | 11 | | 12 | | | | |
|-------|-------|--------|------------|------|------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|-------|--------|------|
| 年 | 月 | 日 | 24/03/15 | | 24/03/14 | | 24/03/14 | | 24/03/14 | | 24/03/14 | | 24/03/14 | | 24/03/15 | | | | |
| 時 | 刻 | | 15:53 | | 12:51 | | 13:34 | | 14:32 | | 15:24 | | 15:55 | | 13:08 | | | | |
| | | | -15:57 | | -13:02 | | -14:03 | | -14:37 | | -15:28 | | -16:06 | | -13:36 | | | | |
| 緯 | 度 | (N) | 34° 13.23 | | 33° 52.89 | | 33° 59.01 | | 34° 03.73 | | 33° 51.69 | | 33° 46.73 | | 33° 40.16 | | | | |
| 経 | 度 | (E) | 136° 34.85 | | 136° 36.31 | | 136° 26.84 | | 136° 19.30 | | 136° 09.78 | | 136° 17.11 | | 136° 26.28 | | | | |
| 水 | 深 | | 97m | | 1960m | | 615m | | 113m | | 92m | | 1493m | | | | | | |
| 色 | | | 3 | | 3 | | 3 | | 4 | | 4 | | 3 | | 4 | | | | |
| 傾 | 角 / 透 | 明 | 22 / 12.0 | | 0 / 16.0 | | 32 / 20.0 | | 13 / 14.0 | | 30 / 16.0 | | 18 / 18.0 | | 20 / 13.0 | | | | |
| 風 | ね | 浪 | SSW 2 | | S 2 | | SSE 3 | | SSE 2 | | NE 3 | | ESE 2 | | SSW 3 | | | | |
| う | | | SSW 1 | | NNE 1 | | SSE 1 | | SSE 1 | | SSW 1 | | SSE 1 | | SSW 1 | | | | |
| 気 | 温 | | 18.3°C | | 16.9°C | | 17.0°C | | 16.0°C | | 15.0°C | | 17.1°C | | 18.4°C | | | | |
| 天 | 気 | | B | | BC | | BC | | BC | | BC | | BC | | B | | | | |
| 雲 | 形・雲 | 量 | CU 2 | | CI CU 5 | | AC CU 5 | | AC CU 5 | | AC CU 2 | | AC CU 4 | | CU 2 | | | | |
| 風 | 向 (風 | 力) | SW(2) | | S(2) | | SE(3) | | S(2) | | NE(3) | | ESE(2) | | S(3) | | | | |
| 気 | 圧 | (hPa) | 1019.0 | | 1019.4 | | 1018.6 | | 1018.5 | | 1018.0 | | 1017.9 | | 1020.7 | | | | |
| 流 | 向 | 10m | 62 | 0.9 | 131 | 0.4 | 76 | 0.3 | 37 | 0.3 | 62 | 0.2 | 47 | 0.6 | 209 | 0.7 | | | |
| | | 20m | 66 | 0.8 | 141 | 0.4 | 69 | 0.4 | 38 | 0.3 | 40 | 0.3 | 45 | 0.6 | 211 | 0.7 | | | |
| | | 30m | 69 | 0.6 | 148 | 0.2 | 76 | 0.3 | 344 | 0.3 | 52 | 0.3 | 45 | 0.6 | 206 | 0.7 | | | |
| | | 40m | 34 | 0.2 | 127 | 0.3 | 77 | 0.3 | 13 | 0.2 | 73 | 0.3 | 37 | 0.5 | 208 | 0.7 | | | |
| | | 50m | 40 | 0.3 | 143 | 0.4 | 80 | 0.2 | 328 | 0.3 | 62 | 0.4 | 32 | 0.5 | 209 | 0.7 | | | |
| 水 | 温 | (°C) | (PSU) | 0m | 17.71 | 34.659 | 18.31 | 34.673 | 18.05 | 34.643 | 17.67 | 34.494 | 17.71 | 34.584 | 18.03 | 34.659 | 17.69 | 34.627 | |
| | | | | 10m | 17.62 | 34.657 | 17.98 | 34.662 | 17.91 | 34.637 | 17.67 | 34.565 | 17.45 | 34.556 | 17.84 | 34.631 | 17.45 | 34.608 | |
| | | | | 20m | 17.43 | 34.652 | 17.93 | 34.663 | 17.80 | 34.635 | 17.54 | 34.610 | 17.35 | 34.533 | 17.87 | 34.658 | 17.38 | 34.610 | |
| | | | | 30m | 17.39 | 34.651 | 17.86 | 34.662 | 17.78 | 34.635 | 17.21 | 34.620 | 17.34 | 34.535 | 17.80 | 34.656 | 17.36 | 34.616 | |
| | | | | 50m | 17.00 | 34.603 | 17.52 | 34.640 | 17.62 | 34.629 | 16.75 | 34.619 | 17.25 | 34.597 | 17.71 | 34.653 | 17.33 | 34.615 | |
| | | | | 75m | 16.09 | 34.576 | 17.02 | 34.633 | 17.16 | 34.612 | 16.28 | 34.596 | 16.07 | 34.587 | 17.64 | 34.652 | 16.56 | 34.612 | |
| | | | | 100m | | | 16.50 | 34.609 | 15.83 | 34.572 | 15.90 | 34.576 | | | 17.08 | 34.632 | 16.38 | 34.608 | |
| | | | | 125m | | | 15.81 | 34.575 | 15.41 | 34.562 | | | | | 16.58 | 34.609 | 15.94 | 34.584 | |
| | | | | 150m | | | 15.52 | 34.566 | 14.28 | 34.506 | | | | | 15.69 | 34.569 | 15.63 | 34.570 | |
| | | | | 175m | | | 15.00 | 34.542 | 13.15 | 34.445 | | | | | 14.77 | 34.526 | 14.83 | 34.532 | |
| | | | | 200m | | | 13.69 | 34.474 | 12.55 | 34.415 | | | | | 13.73 | 34.476 | 14.08 | 34.497 | |
| | | | | 250m | | | 12.07 | 34.396 | 10.85 | 34.317 | | | | | 11.96 | 34.378 | 12.32 | 34.403 | |
| | | | | 300m | | | 10.02 | 34.311 | 9.66 | 34.282 | | | | | 10.41 | 34.307 | 9.99 | 34.311 | |
| | | | | 400m | | | | | 7.98 | 34.233 | | | | | | | 7.48 | 34.245 | |
| | | | | 500m | | | | | 6.30 | 34.248 | | | | | | | 5.80 | 34.249 | |
| | | | | 600m | | | | | 4.94 | 34.282 | | | | | | | 4.67 | 34.291 | |
| 700m | | | | | | | | | | | | | 4.11 | 34.328 | | | | | |
| 800m | | | | | | | | | | | | | 3.76 | 34.364 | | | | | |
| 900m | | | | | | | | | | | | | 3.61 | 34.380 | | | | | |
| 1000m | | | | | | | | | | | | | 3.46 | 34.396 | | | | | |
| D | O | (mg/l) | クロロ | フィル | 0m | 7.57 | 1.07 | 7.32 | 0.31 | 7.26 | 0.07 | 7.58 | 0.53 | 7.50 | 0.47 | 7.36 | 0.21 | 7.49 | 0.49 |
| | | | | | 10m | 7.61 | 1.87 | 7.38 | 0.79 | 7.29 | 0.43 | 7.55 | 1.24 | 7.57 | 1.27 | 7.40 | 0.75 | 7.62 | 1.26 |
| | | | | | 20m | 7.55 | 2.20 | 7.34 | 1.43 | 7.25 | 1.04 | 7.18 | 1.07 | 7.49 | 1.50 | 7.40 | 0.82 | 7.50 | 1.93 |
| | | | | | 30m | 7.51 | 1.89 | 7.34 | 1.57 | 7.33 | 1.33 | 6.89 | 0.28 | 7.51 | 1.52 | 7.40 | 0.90 | 7.38 | 1.12 |
| | | | | | 50m | 7.18 | 1.32 | 6.85 | 0.22 | 7.00 | 0.67 | 6.86 | 0.15 | 7.10 | 0.63 | 7.39 | 1.15 | 7.30 | 0.60 |
| | | | | | 75m | 6.67 | 0.25 | 7.23 | 0.63 | 6.75 | 0.31 | 6.61 | 0.00 | 6.35 | 0.00 | 7.31 | 0.74 | 6.86 | 0.00 |
| | | | | | 100m | | | 6.87 | 0.00 | 6.22 | 0.00 | 6.32 | 0.00 | | | 6.87 | 0.00 | 6.77 | 0.00 |
| | | | | | 125m | | | 6.33 | 0.00 | 5.80 | 0.00 | | | | | 6.58 | 0.00 | 6.43 | 0.00 |
| | | | | | 150m | | | 6.03 | 0.00 | 5.45 | 0.00 | | | | | 6.00 | 0.00 | 6.16 | 0.00 |
| | | | | | 175m | | | 5.65 | 0.00 | 5.11 | 0.00 | | | | | 5.45 | 0.00 | 5.54 | 0.00 |
| | | | | | 200m | | | 5.19 | 0.00 | 5.02 | 0.00 | | | | | 5.26 | 0.00 | 5.38 | 0.00 |
| | | | | | 250m | | | 4.83 | 0.00 | 4.84 | 0.00 | | | | | 4.97 | 0.00 | 4.97 | 0.00 |
| | | | | | 300m | | | 4.32 | 0.00 | 4.36 | 0.00 | | | | | 4.60 | 0.00 | 4.28 | 0.00 |
| | | | | | 400m | | | | | 3.79 | 0.00 | | | | | | | 3.45 | 0.00 |
| | | | | | 500m | | | | | 2.95 | 0.00 | | | | | | | 2.76 | 0.00 |
| | | | | | 600m | | | | | 2.35 | 0.00 | | | | | | | 2.24 | 0.00 |
| 700m | | | | | | | | | | | | | 2.04 | 0.00 | | | | | |
| 800m | | | | | | | | | | | | | 1.99 | 0.00 | | | | | |
| 900m | | | | | | | | | | | | | 1.97 | 0.00 | | | | | |
| 1000m | | | | | | | | | | | | | 1.97 | 0.00 | | | | | |

注) 緯度、経度は世界測地系による。

沿岸定線観測結果 (令和6年3月分)

調査員:駒田 文菜・岩田 定和

| 測点 | | | 13 | | 14 | | 15 | | 17 | | 20 | | 22 | | 23 | |
|-------|-------|-------|------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|
| 年 | 月 | 日 | 24/03/15 | | 24/03/15 | | 24/03/15 | | 24/03/14 | | 24/03/14 | | 24/03/14 | | 24/03/14 | |
| 時 | 刻 | | 11:38 | | 08:05 | | 07:23 | | 17:02 | | 07:48 | | 08:16 | | 08:58 | |
| | | | -11:48 | | -08:16 | | -07:34 | | -17:07 | | -07:51 | | -08:26 | | -09:27 | |
| 緯 | 度 | (N) | 33° 19.76 | | 33° 26.19 | | 33° 32.66 | | 33° 37.87 | | 34° 14.67 | | 34° 10.71 | | 34° 04.51 | |
| 経 | 度 | (E) | 136° 26.29 | | 136° 17.10 | | 136° 07.99 | | 136° 00.68 | | 136° 43.37 | | 136° 50.77 | | 136° 59.74 | |
| 水 | 深 | | 2013m | | 1943m | | 1442m | | 104m | | 60m | | 128m | | 1373m | |
| 色 | | | 3 | | 2 | | 2 | | 4 | | 3 | | 3 | | 3 | |
| 傾 | 角 / 透 | 明 | 34 / 23.0 | | 39 / 19.0 | | 39 / 16.0 | | 36 / 10.0 | | 18 / 20.0 | | 33 / 22.0 | | 46 / 20.0 | |
| 風 | ね | 浪 | SW 3 | | NW 3 | | NW 3 | | N 3 | | NNW 2 | | N 2 | | NNW 3 | |
| う | | | WSW 1 | | NW 1 | | NW 1 | | N 1 | | NNW 1 | | NNE 1 | | NNW 1 | |
| 気 | 温 | | 17.8°C | | 13.5°C | | 12.2°C | | 15.3°C | | 9.6°C | | 10.4°C | | 12.1°C | |
| 天 | 気 | | B | | BC | | BC | | BC | | BC | | BC | | BC | |
| 雲 | 形・雲 | 量 | CU 1 | | CU 2 | | CU 2 | | AC CU 5 | | CS CU 3 | | CS CU 4 | | CS CU 4 | |
| 風 | 向 (風 | 力) | SW(3) | | NW(3) | | NW(4) | | N(3) | | NNW(2) | | NNW(2) | | NNW(3) | |
| 気 | 圧 | (hPa) | 1022.1 | | 1022.5 | | 1022.1 | | 1018.2 | | 1020.4 | | 1020.3 | | 1020.3 | |
| 流 | 向 | 10m | 208 | 1.1 | 197 | 1.0 | 75 | 0.2 | 146 | 0.3 | 152 | 0.4 | 47 | 0.7 | 326 | 0.7 |
| | | 20m | 206 | 1.1 | 197 | 1.0 | 30 | 0.2 | 63 | 0.4 | 169 | 0.4 | 48 | 0.8 | 327 | 0.7 |
| | | 30m | 206 | 1.1 | 200 | 1.0 | 47 | 0.1 | 42 | 0.4 | 216 | 0.2 | 47 | 0.7 | 330 | 0.7 |
| | | 40m | 207 | 1.1 | 199 | 1.0 | 37 | 0.2 | 47 | 0.5 | 73 | 0.1 | 46 | 0.6 | 330 | 0.8 |
| | | 50m | 207 | 1.1 | 197 | 0.9 | 16 | 1.3 | 56 | 0.3 | 34 | 0.2 | 55 | 0.6 | 330 | 0.7 |
| 水 | 温 | 0m | 16.69 | 34.642 | 17.64 | 34.667 | 17.98 | 34.666 | 16.84 | 33.738 | 16.73 | 34.612 | 17.18 | 34.659 | 17.32 | 34.671 |
| | | 10m | 16.49 | 34.634 | 17.65 | 34.667 | 17.99 | 34.666 | 17.19 | 34.263 | 16.74 | 34.614 | 17.18 | 34.659 | 17.32 | 34.671 |
| | | 20m | 16.46 | 34.633 | 17.65 | 34.667 | 17.99 | 34.667 | 17.17 | 34.517 | 16.71 | 34.613 | 17.18 | 34.659 | 17.31 | 34.671 |
| | | 30m | 16.45 | 34.633 | 17.65 | 34.666 | 17.99 | 34.667 | 17.20 | 34.587 | 16.03 | 34.598 | 17.17 | 34.657 | 17.31 | 34.671 |
| | | 50m | 16.45 | 34.632 | 17.56 | 34.660 | 17.75 | 34.649 | 16.82 | 34.608 | 15.90 | 34.592 | 17.04 | 34.652 | 17.30 | 34.670 |
| | | 75m | 16.44 | 34.630 | 17.06 | 34.636 | 17.01 | 34.624 | 16.23 | 34.591 | | | 16.72 | 34.647 | 16.77 | 34.629 |
| | | 100m | 16.05 | 34.584 | 16.57 | 34.607 | 16.44 | 34.606 | 15.87 | 34.581 | | | 14.25 | 34.491 | 16.52 | 34.622 |
| | | 125m | 15.18 | 34.543 | 15.56 | 34.558 | 15.96 | 34.582 | | | | | 13.39 | 34.461 | 16.38 | 34.615 |
| | | 150m | 14.38 | 34.505 | 15.08 | 34.547 | 15.42 | 34.555 | | | | | | | 16.20 | 34.603 |
| | | 175m | 13.26 | 34.454 | 14.13 | 34.495 | 13.77 | 34.477 | | | | | | | 14.31 | 34.500 |
| | | 200m | 12.20 | 34.402 | 12.50 | 34.412 | 12.75 | 34.432 | | | | | | | 13.42 | 34.462 |
| | | 250m | 10.87 | 34.336 | 10.78 | 34.323 | 10.92 | 34.331 | | | | | | | 10.96 | 34.343 |
| | | 300m | 9.34 | 34.290 | 9.03 | 34.272 | 9.51 | 34.277 | | | | | | | 9.96 | 34.298 |
| | | 400m | | | | | | | | | | | | | 7.57 | 34.241 |
| | | 500m | | | | | | | | | | | | | 6.11 | 34.232 |
| 600m | | | | | | | | | | | | | 5.20 | 34.268 | | |
| 700m | | | | | | | | | | | | | 4.26 | 34.316 | | |
| 800m | | | | | | | | | | | | | 3.92 | 34.348 | | |
| 900m | | | | | | | | | | | | | 3.71 | 34.371 | | |
| 1000m | | | | | | | | | | | | | 3.47 | 34.395 | | |
| D | O | 0m | 7.33 | 0.18 | 7.31 | 0.50 | 7.24 | 0.73 | 7.67 | 1.04 | 7.23 | 0.38 | 7.32 | 0.47 | 7.26 | 0.33 |
| | | 10m | 7.35 | 0.37 | 7.34 | 0.69 | 7.27 | 0.96 | 7.59 | 1.17 | 7.34 | 0.54 | 7.33 | 0.56 | 7.29 | 0.43 |
| | | 20m | 7.33 | 0.54 | 7.34 | 0.83 | 7.29 | 0.98 | 7.23 | 1.13 | 7.26 | 0.65 | 7.34 | 0.89 | 7.32 | 0.73 |
| | | 30m | 7.32 | 0.71 | 7.34 | 0.79 | 7.30 | 1.01 | 7.17 | 0.70 | 6.46 | 0.19 | 7.33 | 0.82 | 7.33 | 0.73 |
| | | 50m | 7.28 | 0.61 | 7.24 | 0.63 | 7.25 | 0.55 | 6.57 | 0.25 | 6.31 | 0.11 | 7.31 | 0.73 | 7.29 | 0.70 |
| | | 75m | 7.22 | 0.47 | 7.16 | 0.17 | 6.71 | 0.00 | 6.20 | 0.00 | | | 7.26 | 0.85 | 7.27 | 0.50 |
| | | 100m | 6.61 | 0.01 | 6.93 | 0.00 | 6.48 | 0.00 | 6.19 | 0.00 | | | 5.29 | 0.00 | 7.30 | 0.50 |
| | | 125m | 5.91 | 0.00 | 5.86 | 0.00 | 6.19 | 0.00 | | | | | 5.12 | 0.00 | 7.31 | 0.52 |
| | | 150m | 5.27 | 0.00 | 5.68 | 0.00 | 5.84 | 0.00 | | | | | | | 7.14 | 0.37 |
| | | 175m | 4.96 | 0.00 | 5.30 | 0.00 | 5.09 | 0.00 | | | | | | | 5.35 | 0.00 |
| | | 200m | 4.85 | 0.00 | 4.95 | 0.00 | 4.87 | 0.00 | | | | | | | 5.11 | 0.00 |
| | | 250m | 4.59 | 0.00 | 4.68 | 0.00 | 4.81 | 0.00 | | | | | | | 4.63 | 0.00 |
| | | 300m | 4.11 | 0.00 | 4.05 | 0.00 | 4.32 | 0.00 | | | | | | | 4.40 | 0.00 |
| | | 400m | | | | | | | | | | | | | 3.51 | 0.00 |
| | | 500m | | | | | | | | | | | | | 2.91 | 0.00 |
| 600m | | | | | | | | | | | | | 2.46 | 0.00 | | |
| 700m | | | | | | | | | | | | | 2.06 | 0.00 | | |
| 800m | | | | | | | | | | | | | 1.99 | 0.00 | | |
| 900m | | | | | | | | | | | | | 1.98 | 0.00 | | |
| 1000m | | | | | | | | | | | | | 1.97 | 0.00 | | |

注)緯度、経度は世界測地系による。

沿岸定線観測結果 (令和6年3月分)

調査員: 駒田 文菜・岩田 定和

| 測点 | | | 26 | | 27 | | 28 | | 29 | | 30 | | |
|-------|--------|--------|------------|-------|------------|-------|------------|-------|------------|--------|------------|-------|--------|
| 年 | 月 | 日 | 24/03/14 | | 24/03/14 | | 24/03/15 | | 24/03/15 | | 24/03/15 | | |
| 時 | 刻 | | 10:01 | | 11:02 | | 12:23 | | 10:38 | | 09:35 | | |
| | | | -10:11 | | -11:12 | | -12:33 | | -11:04 | | -10:03 | | |
| 緯度 | (N) | | 33° 55.58 | | 33° 46.80 | | 33° 29.99 | | 33° 10.16 | | 33° 00.15 | | |
| 経度 | (E) | | 136° 52.79 | | 136° 45.77 | | 136° 26.25 | | 136° 26.35 | | 136° 26.30 | | |
| 水深 | | | 1043m | | 1913m | | | | | | | | |
| 水色 | | | 3 | | 3 | | 3 | | 3 | | 2 | | |
| 傾角 | / | 透明度 | 12 / 19.0 | | 31 / 24.0 | | 28 / 14.0 | | 28 / 14.0 | | 38 / 19.0 | | |
| 風浪 | | | WNW 2 | | ENE 2 | | SW 3 | | W 3 | | NW 3 | | |
| うねり | | | N 1 | | NNE 1 | | WSW 1 | | WNW 1 | | NW 1 | | |
| 気温 | | 温 | 13.5°C | | 14.0°C | | 17.7°C | | 17.3°C | | 16.4°C | | |
| 天気 | | 気 | BC | | BC | | B | | B | | B | | |
| 雲形 | ・ | 雲量 | CS CU 4 | | CU 5 | | CU 2 | | CU 1 | | CU 1 | | |
| 風向 | (風力) | | WSW(2) | | ENE(2) | | SW(3) | | WSW(2) | | NW(3) | | |
| 気圧 | (hPa) | | 1020.5 | | 1020.0 | | 1021.6 | | 1022.7 | | 1023.0 | | |
| 流向 | 流速 | 10m | 300 | 0.8 | 193 | 0.5 | 250 | 1.1 | 212 | 1.1 | 140 | 0.4 | |
| | | 20m | 300 | 0.7 | 197 | 0.6 | 253 | 1.1 | 220 | 1.0 | 153 | 0.5 | |
| | | 30m | 301 | 0.8 | 219 | 0.6 | 249 | 1.1 | 217 | 0.9 | 158 | 0.6 | |
| | | 40m | 293 | 0.6 | 229 | 0.7 | 255 | 0.8 | 209 | 0.9 | 165 | 0.6 | |
| | | 50m | 299 | 0.6 | 205 | 0.5 | 262 | 0.8 | 208 | 0.9 | 168 | 0.7 | |
| 水温 | (°C) | (PSU) | 0m | 16.58 | 34.634 | 16.75 | 34.639 | 18.10 | 34.670 | 16.94 | 34.664 | 16.82 | 34.655 |
| | | | 10m | 16.46 | 34.631 | 16.47 | 34.631 | 17.95 | 34.663 | 16.68 | 34.653 | 16.81 | 34.656 |
| | | | 20m | 16.46 | 34.630 | 16.46 | 34.632 | 17.92 | 34.663 | 16.53 | 34.646 | 16.76 | 34.654 |
| | | | 30m | 16.44 | 34.630 | 16.46 | 34.632 | 17.84 | 34.660 | 16.41 | 34.638 | 16.68 | 34.649 |
| | | | 50m | 16.38 | 34.626 | 16.45 | 34.631 | 17.28 | 34.641 | 16.34 | 34.628 | 16.52 | 34.641 |
| | | | 75m | 16.16 | 34.608 | 16.40 | 34.626 | 16.75 | 34.639 | 16.34 | 34.627 | 16.36 | 34.625 |
| | | | 100m | 16.11 | 34.605 | 16.39 | 34.624 | 16.64 | 34.636 | 16.33 | 34.624 | 16.30 | 34.618 |
| | | | 125m | 16.07 | 34.600 | 16.28 | 34.609 | 16.62 | 34.634 | 15.93 | 34.583 | 15.37 | 34.555 |
| | | | 150m | 16.03 | 34.595 | 16.05 | 34.594 | 16.53 | 34.623 | 14.10 | 34.491 | 13.63 | 34.471 |
| | | | 175m | 13.99 | 34.485 | 14.47 | 34.508 | 16.46 | 34.615 | 12.88 | 34.438 | 12.62 | 34.423 |
| | | | 200m | 13.29 | 34.460 | 12.95 | 34.440 | 15.40 | 34.555 | 11.88 | 34.384 | 11.63 | 34.375 |
| | | | 250m | 11.08 | 34.350 | 10.86 | 34.338 | 11.80 | 34.384 | 10.68 | 34.338 | 10.17 | 34.318 |
| | | | 300m | 9.71 | 34.290 | 9.72 | 34.303 | 9.64 | 34.297 | 9.29 | 34.294 | 8.87 | 34.278 |
| | | | 400m | | | | | | | | | 6.83 | 34.190 |
| | | | 500m | | | | | | | | | 5.57 | 34.201 |
| 600m | | | | | | | | | 4.78 | 34.238 | | | |
| 700m | | | | | | | | | 4.17 | 34.288 | | | |
| 800m | | | | | | | | | 3.75 | 34.324 | | | |
| 900m | | | | | | | | | 3.44 | 34.369 | | | |
| 1000m | | | | | | | | | 3.15 | 34.400 | | | |
| D O | (mg/l) | クロロフィル | 0m | 7.42 | 0.24 | 7.38 | 0.04 | 7.47 | 0.42 | 7.53 | 0.51 | 7.48 | 0.46 |
| | | | 10m | 7.44 | 0.53 | 7.40 | 0.29 | 7.52 | 1.08 | 7.52 | 1.17 | 7.49 | 0.63 |
| | | | 20m | 7.44 | 0.85 | 7.37 | 0.50 | 7.53 | 1.89 | 7.40 | 1.27 | 7.50 | 1.23 |
| | | | 30m | 7.42 | 0.98 | 7.39 | 0.70 | 7.37 | 1.85 | 7.33 | 1.29 | 7.49 | 1.33 |
| | | | 50m | 7.40 | 0.82 | 7.35 | 0.62 | 7.24 | 0.85 | 7.19 | 0.92 | 7.45 | 1.30 |
| | | | 75m | 7.32 | 0.66 | 7.31 | 0.47 | 7.31 | 0.79 | 7.18 | 0.85 | 7.29 | 0.70 |
| | | | 100m | 7.33 | 0.63 | 7.28 | 0.44 | 7.27 | 0.54 | 7.10 | 0.53 | 7.14 | 0.38 |
| | | | 125m | 7.32 | 0.58 | 7.19 | 0.32 | 7.26 | 0.47 | 6.27 | 0.11 | 5.59 | 0.00 |
| | | | 150m | 7.21 | 0.54 | 6.96 | 0.16 | 7.17 | 0.19 | 5.16 | 0.00 | 5.10 | 0.00 |
| | | | 175m | 5.09 | 0.00 | 5.31 | 0.00 | 7.15 | 0.11 | 4.99 | 0.00 | 4.91 | 0.00 |
| | | | 200m | 4.95 | 0.00 | 4.93 | 0.00 | 5.96 | 0.00 | 4.82 | 0.00 | 4.75 | 0.00 |
| | | | 250m | 4.68 | 0.00 | 4.63 | 0.00 | 4.73 | 0.00 | 4.50 | 0.00 | 4.36 | 0.00 |
| | | | 300m | 4.31 | 0.00 | 4.22 | 0.00 | 4.21 | 0.00 | 4.04 | 0.00 | 3.93 | 0.00 |
| | | | 400m | | | | | | | | | | |
| | | | 500m | | | | | | | | | | |
| 600m | | | | | | | | | | | | | |
| 700m | | | | | | | | | | | | | |
| 800m | | | | | | | | | | | | | |
| 900m | | | | | | | | | | | | | |
| 1000m | | | | | | | | | | | | | |

注) 緯度、経度は世界測地系による。