

沿岸定線観測結果 (2026-6月)

三重県水産研究所

調査海域 熊野灘
調査年月日 2026年6月11, 12日
使用船 あさま (96トン)
調査員 磯田 虎太郎、久野 正博

調査結果

調査時の水温は、表面は 20.3~25.9℃、50m では 15.3~24.8℃、100m では 12.5~22.8℃、200m では 9.8~19.5℃の範囲にあった。水温は、表面では測点 13, 28, 29 で平年より 2℃前後高く、その他の点は平年より 1℃前後低めから 1℃前後高め。50m、100m、200m では北中部域 (測点 23, 26, 27) で平年より 2~3℃前後低め、潮岬以南 (測点 13, 14, 29, 30) で 3~4℃前後高い。その他の点は 50m で平年より高め、100m で平年並み、200m でやや低めであった。1995年観測開始の測点 13 (表面・50m)、2002年観測開始の測点 29 (表面・50m)、および同 2002年観測開始の測点 30 (50m・100m・200m) で観測以来最高水温を更新した。

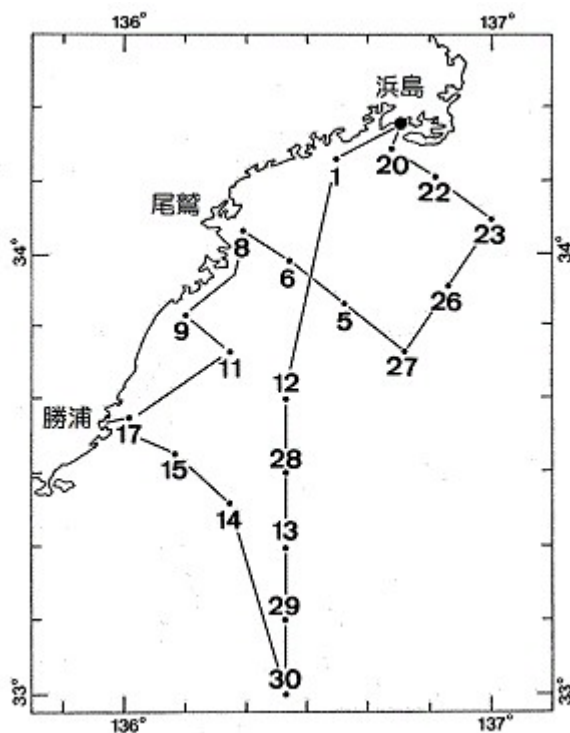
塩分は、表面は 30.82~34.44、20m では 33.54~34.42 の範囲にあり、表面及び 20m で概ね平年並であった。

観測時の黒潮北縁は、33° 20' N 付近にあり、黒潮北縁域では東へ 3kt 以上の強い流れが観測されたが、測点 30 では 1.7kt 程度の比較的弱い流速であった。黒潮の表層水温は 25℃台であった。

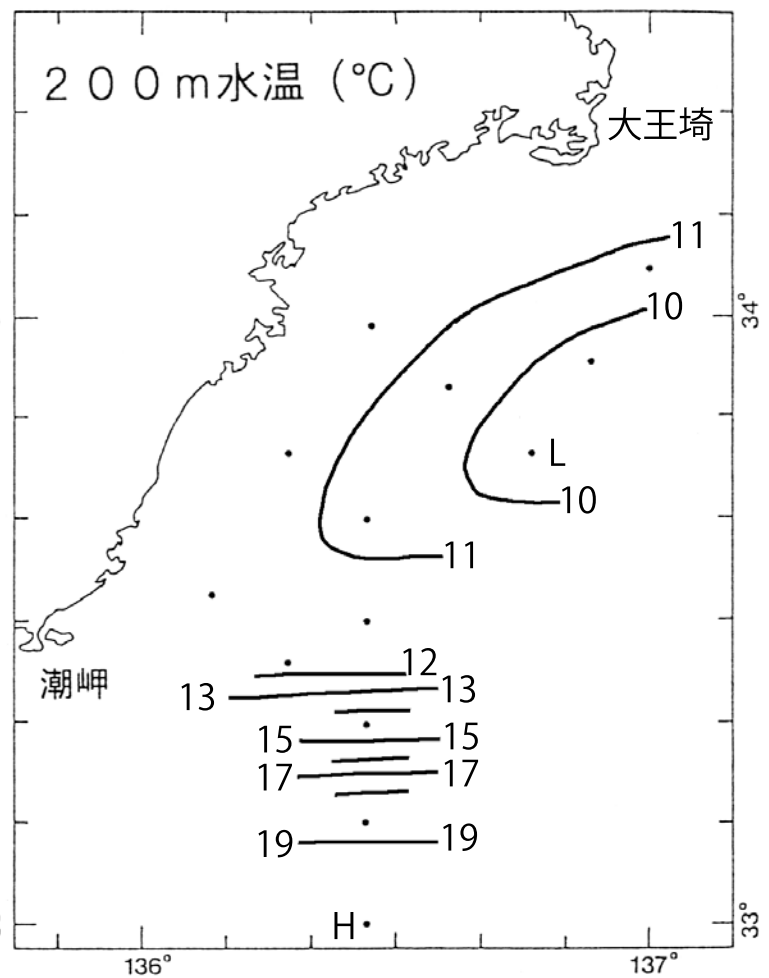
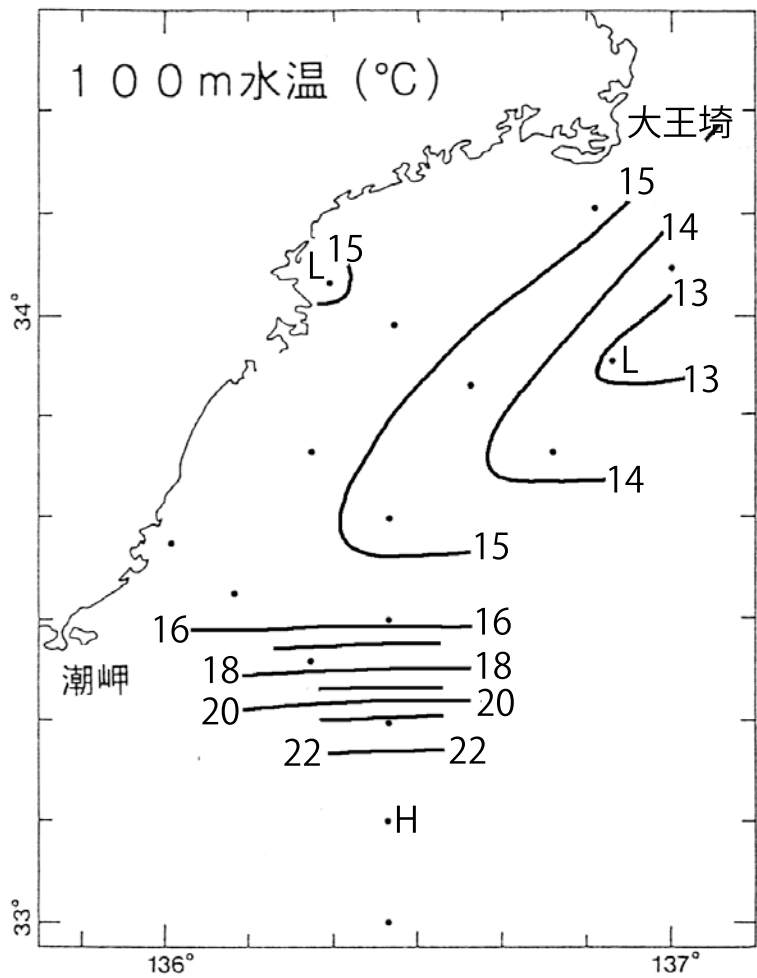
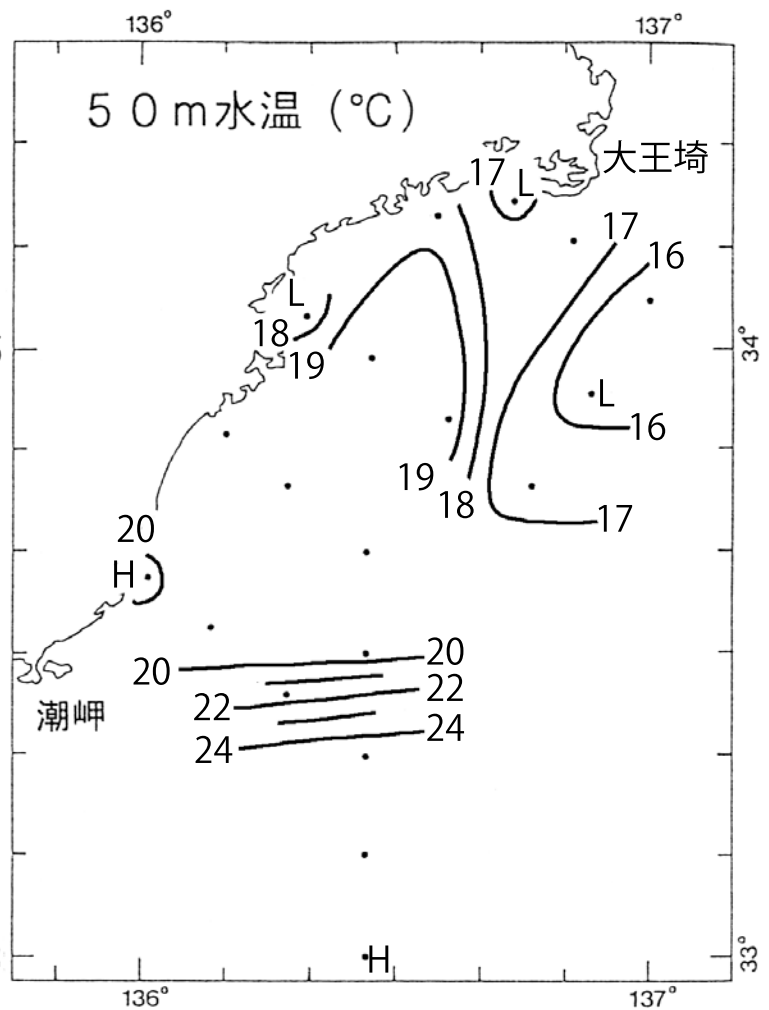
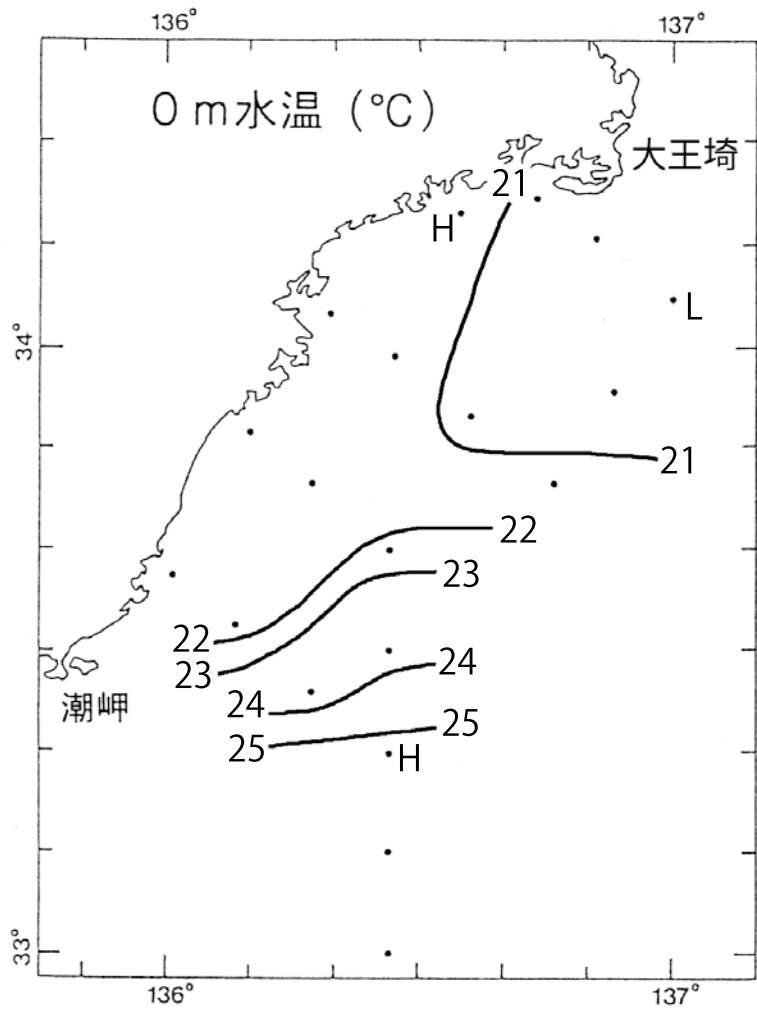
==== 使用観測機器 =====

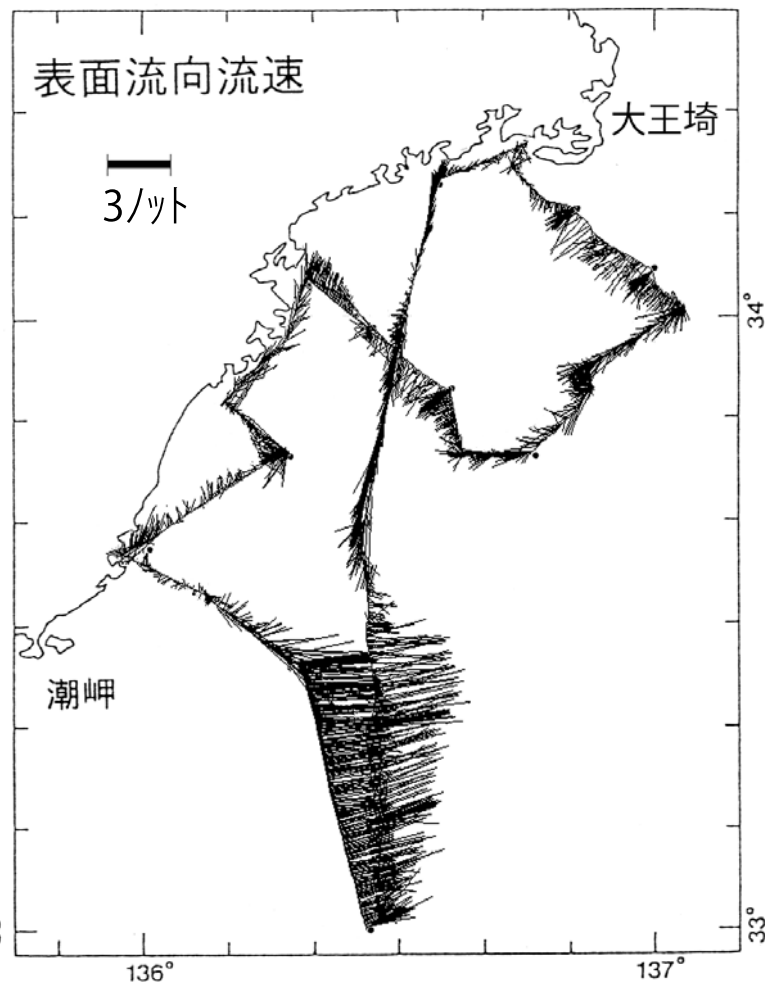
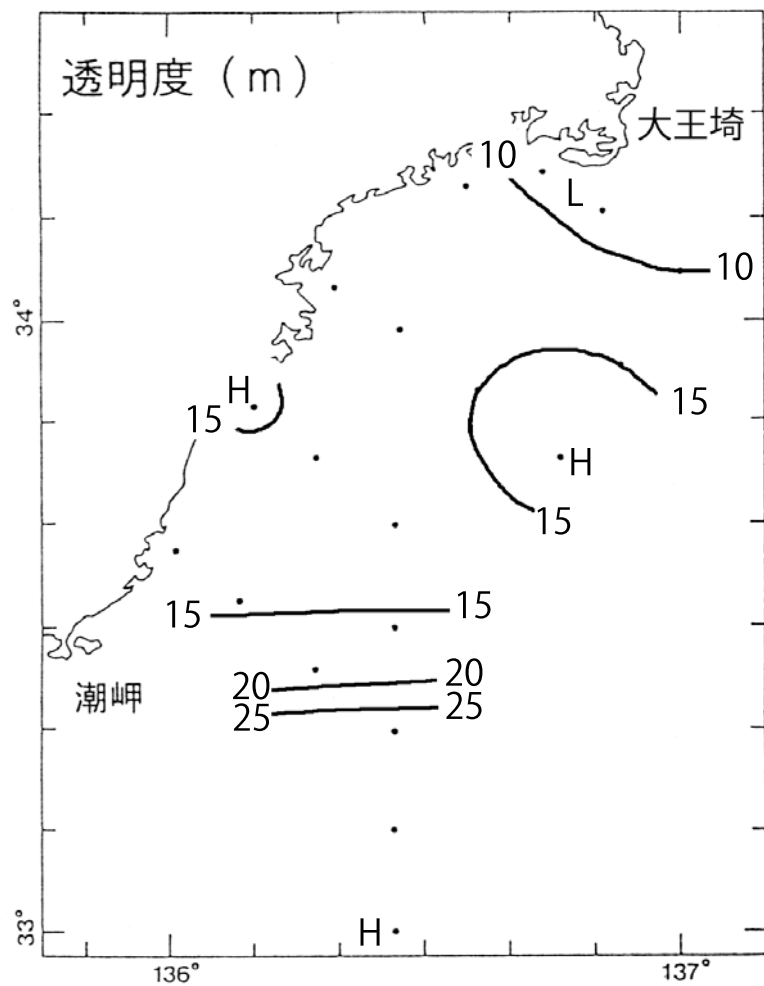
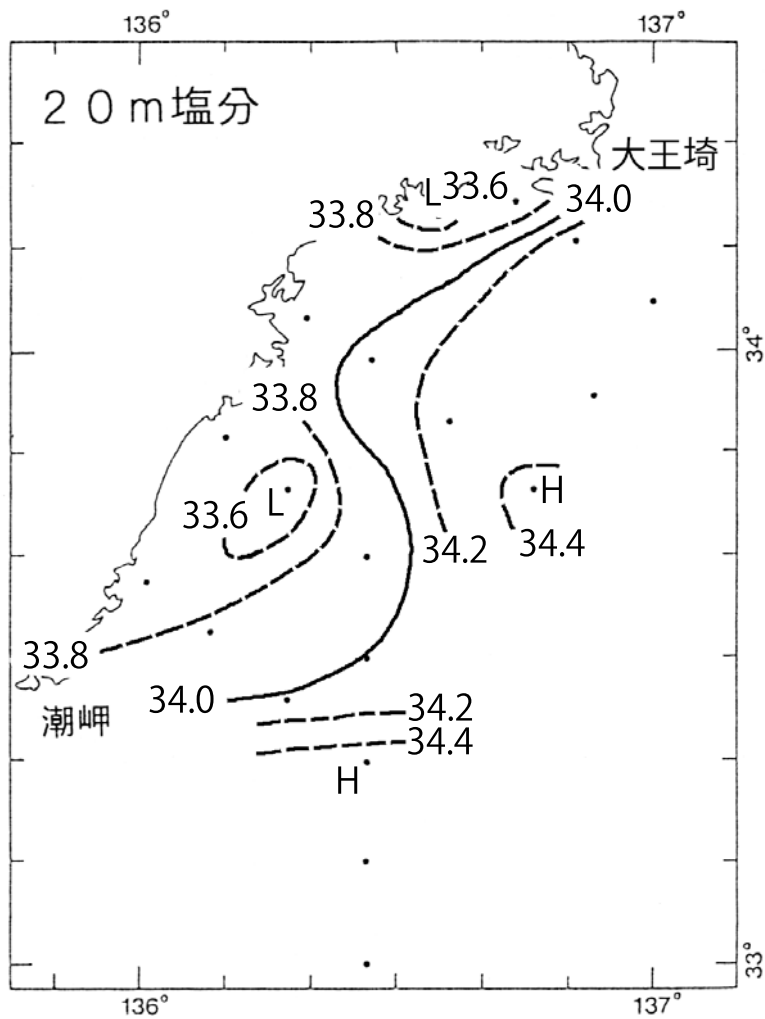
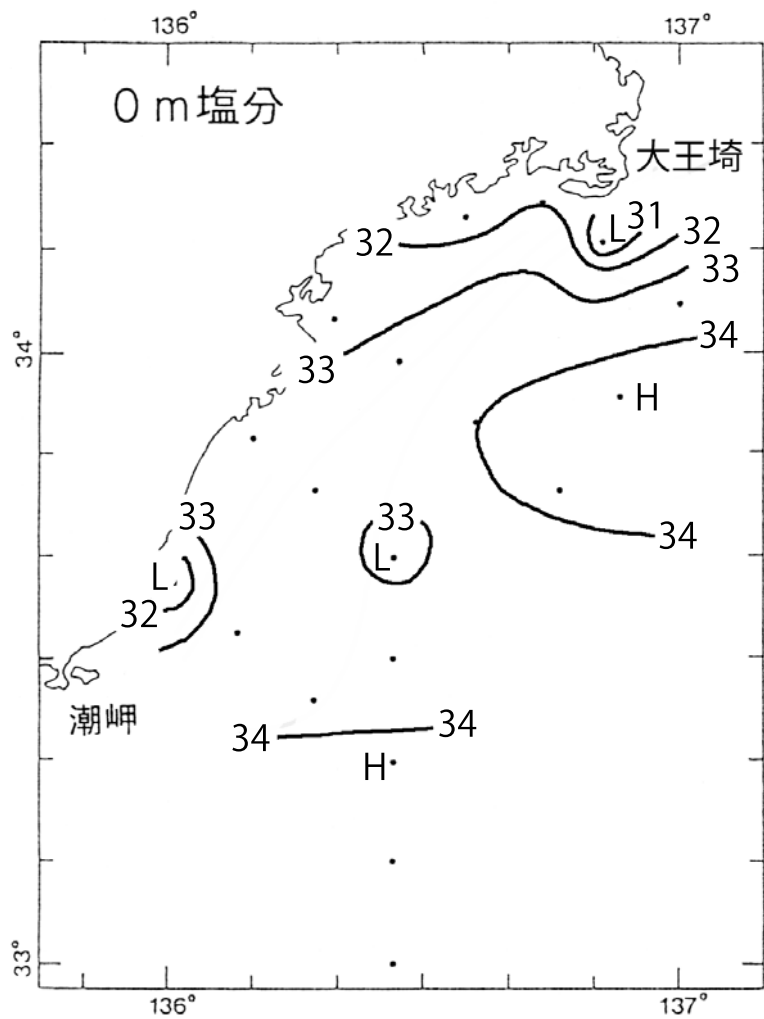
- ・ 水温、塩分、DO、クロロフィル
CTD : SeaBird 社製 SBE-9plus
鶴見精機製 XCTD
- DO : SeaBird 社製 SBE43
- クロロフィル : WetLab 社製 Eco-AFL
- ・ 流向流速計
ADCP : RDI 社製 300kHz

※ 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8年6月分)

調査員:井上 勇人・磯田 虎太郎・久野 正博

| 測点 | | | 1 | | 5 | | 6 | | 8 | | 9 | | 11 | | 12 | |
|-------|------|-------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| 年 | 月 | 日 | 26/06/12 | | 26/06/11 | | 26/06/11 | | 26/06/11 | | 26/06/11 | | 26/06/11 | | 26/06/12 | |
| 時 | | 刻 | 16:08 | | 12:40 | | 13:22 | | 14:12 | | 15:06 | | 16:02 | | 12:57 | |
| | | | -16:13 | | -12:51 | | -13:41 | | -14:17 | | -15:12 | | -16:13 | | -13:28 | |
| 緯 | 度 | (N) | 34°13.23 | | 33°52.91 | | 33°59.00 | | 34°03.71 | | 33°51.66 | | 33°46.77 | | 33°40.22 | |
| 経 | 度 | (E) | 136°34.80 | | 136°36.25 | | 136°26.77 | | 136°19.29 | | 136°09.78 | | 136°17.02 | | 136°26.26 | |
| 水 | | 深 | 99m | | 1912m | | 619m | | 112m | | 93m | | 1462m | | 2062m | |
| 色 | | | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 傾 | 角 | / 透 | 21 / 11.0 | | 45 / 15.0 | | 42 / 14.0 | | 30 / 10.0 | | 40 / 18.0 | | 27 / 11.0 | | 20 / 10.0 | |
| 風 | | 浪 | SW 2 | | NE 2 | | E 3 | | E 3 | | NE 2 | | NE 2 | | ESE 2 | |
| う | ね | り | SE 1 | | S 4 | | S 4 | | S 1 | | S 1 | | S 1 | | SSE 1 | |
| 気 | | 温 | 22.9°C | | 21°C | | 21.4°C | | 21.4°C | | 21.6°C | | 21.5°C | | 21.9°C | |
| 天 | | 気 | BC | | BC | | BC | | BC | | C | | C | | BC | |
| 雲 | 形 | ・ 雲 | Ac Cb 4 | | Ac Cb 6 | | Ac Cb 7 | | Ac Cb 7 | | Ac Cb 9 | | Ac Cb 9 | | Ac Cb 3 | |
| 風 | 向 | (風 | WSW(1) | | ESE(3) | | ESE(2) | | ENE(2) | | NE(3) | | NE(2) | | SSE(2) | |
| 気 | 圧 | (hPa) | 1011.1 | | 1011.5 | | 1011.6 | | 1011.5 | | 1011.3 | | 1011.1 | | 1011.8 | |
| 流 | 向 | 10m | 23 | 0.5 | 236 | 1.4 | 178 | 0.4 | 41 | 0.7 | 44 | 0.4 | 251 | 0.8 | 212 | 1.0 |
| | | 20m | 280 | 0.2 | 238 | 1.2 | 191 | 0.3 | 25 | 1.0 | 81 | 0.4 | 264 | 0.8 | 191 | 1.1 |
| | | 30m | 254 | 0.3 | 236 | 1.1 | 174 | 0.3 | 22 | 0.7 | 57 | 0.4 | 260 | 0.5 | 194 | 1.2 |
| | | 40m | 274 | 0.4 | 222 | 0.8 | 188 | 0.3 | 25 | 0.3 | 54 | 0.5 | 251 | 0.5 | 191 | 0.9 |
| | | 50m | 260 | 0.3 | 220 | 0.9 | 225 | 0.3 | 8 | 0.3 | 43 | 0.4 | 222 | 0.5 | 195 | 0.9 |
| (度) | (Kt) | | | | | | | | | | | | | | | |
| 水 | 温 | 0m | 22.02 | 31.862 | 20.75 | 33.979 | 21.82 | 33.185 | 21.37 | 32.778 | 21.71 | 33.313 | 21.47 | 33.395 | 22.52 | 32.257 |
| | | 10m | 21.39 | 32.321 | 20.26 | 34.041 | 20.77 | 33.874 | 20.70 | 33.536 | 20.76 | 33.670 | 21.13 | 33.428 | 20.70 | 33.415 |
| | | 20m | 20.76 | 33.539 | 19.96 | 34.245 | 20.62 | 34.078 | 20.66 | 33.859 | 20.71 | 33.799 | 20.99 | 33.573 | 20.34 | 33.963 |
| | | 30m | 20.54 | 33.930 | 19.83 | 34.303 | 20.51 | 34.120 | 20.05 | 34.148 | 20.78 | 34.060 | 20.73 | 33.983 | 19.78 | 34.149 |
| | | 50m | 18.92 | 34.292 | 19.26 | 34.331 | 19.94 | 34.220 | 17.77 | 34.384 | 19.62 | 34.254 | 19.83 | 34.092 | 19.19 | 34.376 |
| | | 75m | 16.51 | 34.463 | 15.30 | 34.464 | 17.41 | 34.420 | 15.02 | 34.511 | 14.97 | 34.477 | 17.35 | 34.392 | 16.14 | 34.458 |
| | | 100m | | | 14.30 | 34.467 | 15.39 | 34.501 | 14.30 | 34.478 | | | 15.73 | 34.534 | 14.98 | 34.477 |
| | | 125m | | | 13.21 | 34.444 | 13.96 | 34.472 | | | | | 14.46 | 34.501 | 13.90 | 34.464 |
| | | 150m | | | 12.14 | 34.404 | 12.78 | 34.430 | | | | | 13.00 | 34.436 | 12.88 | 34.432 |
| | | 175m | | | 11.28 | 34.365 | 12.03 | 34.398 | | | | | 12.13 | 34.402 | 11.89 | 34.381 |
| | | 200m | | | 10.69 | 34.344 | 11.67 | 34.380 | | | | | 11.60 | 34.382 | 10.82 | 34.350 |
| | | 250m | | | 9.78 | 34.310 | 10.77 | 34.347 | | | | | 10.21 | 34.314 | 9.80 | 34.308 |
| | | 300m | | | 8.82 | 34.265 | 9.61 | 34.302 | | | | | 9.01 | 34.285 | 8.45 | 34.269 |
| | | 400m | | | | | 7.92 | 34.259 | | | | | | | 7.18 | 34.250 |
| | | 500m | | | | | 6.74 | 34.248 | | | | | | | 6.02 | 34.257 |
| | | 600m | | | | | | | | | | | | | 5.24 | 34.281 |
| | | 700m | | | | | | | | | | | | | 4.49 | 34.320 |
| 800m | | | | | | | | | | | | | 3.95 | 34.363 | | |
| 900m | | | | | | | | | | | | | 3.62 | 34.392 | | |
| 1000m | | | | | | | | | | | | | 3.41 | 34.414 | | |
| D | O | 0m | 7.81 | 0.10 | 7.60 | 0.10 | 7.36 | 0.13 | 7.55 | 0.88 | 7.28 | 0.24 | 7.33 | 0.54 | 7.76 | 0.20 |
| | | 10m | 7.83 | 0.45 | 7.63 | 0.50 | 7.43 | 0.36 | 7.34 | 1.32 | 7.28 | 0.07 | 7.24 | 0.38 | 7.72 | 0.29 |
| | | 20m | 7.20 | 0.80 | 7.60 | 0.53 | 7.09 | 1.10 | 7.26 | 0.61 | 7.19 | 0.43 | 7.26 | 0.46 | 7.14 | 1.21 |
| | | 30m | 7.03 | 0.33 | 7.57 | 1.62 | 7.02 | 0.52 | 6.88 | 0.12 | 7.18 | 0.98 | 7.10 | 0.36 | 7.35 | 0.86 |
| | | 50m | 6.51 | 0.00 | 7.22 | 3.34 | 6.87 | 0.00 | 6.27 | 0.00 | 6.94 | 0.00 | 6.97 | 0.10 | 6.95 | 1.97 |
| | | 75m | 5.86 | 0.00 | 5.73 | 0.00 | 6.26 | 0.00 | 5.61 | 0.00 | 5.41 | 0.00 | 6.48 | 0.00 | 6.00 | 0.02 |
| | | 100m | | | 5.49 | 0.00 | 5.63 | 0.00 | 5.54 | 0.00 | | | 5.61 | 0.00 | 5.74 | 0.00 |
| | | 125m | | | 5.29 | 0.00 | 5.53 | 0.00 | | | | | 5.40 | 0.00 | 5.38 | 0.00 |
| | | 150m | | | 5.00 | 0.00 | 5.13 | 0.00 | | | | | 5.23 | 0.00 | 5.17 | 0.00 |
| | | 175m | | | 4.71 | 0.00 | 4.95 | 0.00 | | | | | 4.95 | 0.00 | 4.84 | 0.00 |
| | | 200m | | | 4.55 | 0.00 | 4.81 | 0.00 | | | | | 4.80 | 0.00 | 4.59 | 0.00 |
| | | 250m | | | 4.25 | 0.00 | 4.54 | 0.00 | | | | | 4.42 | 0.00 | 4.31 | 0.00 |
| | | 300m | | | 4.06 | 0.00 | 4.20 | 0.00 | | | | | 3.98 | 0.00 | 3.83 | 0.00 |
| | | 400m | | | | | 3.61 | 0.00 | | | | | | | 3.30 | 0.00 |
| | | 500m | | | | | 3.11 | 0.00 | | | | | | | 2.79 | 0.00 |
| | | 600m | | | | | | | | | | | | | 2.42 | 0.00 |
| | | 700m | | | | | | | | | | | | | 2.13 | 0.00 |
| 800m | | | | | | | | | | | | | 2.00 | 0.00 | | |
| 900m | | | | | | | | | | | | | 1.95 | 0.00 | | |
| 1000m | | | | | | | | | | | | | 1.96 | 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8年6月分)

調査員:井上 勇人・磯田 虎太郎・久野 正博

| 測点 | | | 13 | | 14 | | 15 | | 17 | | 20 | | 22 | | 23 | | | | |
|-------|---|--------|-----------|------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-------|--------|------|
| 年 | 月 | 日 | 26/06/12 | | 26/06/12 | | 26/06/12 | | 26/06/11 | | 26/06/11 | | 26/06/11 | | 26/06/11 | | | | |
| 時 | | 刻 | 11:23 | | 07:27 | | 06:44 | | 17:03 | | 06:46 | | 07:24 | | 08:14 | | | | |
| | | | -11:38 | | -07:45 | | -06:56 | | -17:08 | | -06:52 | | -07:33 | | -08:49 | | | | |
| 緯 | 度 | (N) | 33°19.85 | | 33°26.16 | | 33°32.66 | | 33°37.89 | | 34°14.66 | | 34°10.65 | | 34°04.45 | | | | |
| 経 | 度 | (E) | 136°26.33 | | 136°17.12 | | 136°07.95 | | 136°00.63 | | 136°43.38 | | 136°50.73 | | 136°59.82 | | | | |
| 水 | | 深 | 2012m | | 1937m | | 1443m | | 100m | | 59m | | 128m | | 1387m | | | | |
| 水 | | 色 | 3 | | 3 | | 4 | | 4 | | 5 | | 5 | | 5 | | | | |
| 傾 | 角 | / 透 | 48 / 29.0 | | 58 / 18.0 | | 41 / 11.0 | | 32 / 10.0 | | 5 / 9.0 | | 9 / 14.0 | | 14 / 10.0 | | | | |
| 風 | | 浪 | NNE 2 | | NE 2 | | N 2 | | NE 2 | | NNW 2 | | W 2 | | W 2 | | | | |
| う | ね | り | SE 2 | | ESE 4 | | S 2 | | S 1 | | SSW 2 | | S 1 | | SE 2 | | | | |
| 気 | | 温 | 22.8°C | | 21.9°C | | 20.7°C | | 21.7°C | | 19.4°C | | 20.1°C | | 20.6°C | | | | |
| 天 | | 気 | BC | | BC | | BC | | C | | BC | | BC | | BC | | | | |
| 雲 | 形 | ・ 雲 | Ac Cb 3 | | Ac Cu 3 | | Ac As 3 | | Ac Cb 8 | | Ci Ac 3 | | Ac Ci 4 | | Ac Ci 5 | | | | |
| 風 | 向 | (風 | NE(2) | | NE(2) | | NNE(3) | | NE(2) | | NNE(2) | | E(1) | | ENE(2) | | | | |
| 気 | 圧 | (hPa) | 1012.6 | | 1012.7 | | 1012.3 | | 1010.9 | | 1011.7 | | 1012.0 | | 1012.0 | | | | |
| 流 | 向 | 10m | 81 | 3.2 | 88 | 3.3 | 185 | 0.3 | 31 | 0.5 | 102 | 0.1 | 230 | 1.3 | 234 | 0.9 | | | |
| | | 20m | 79 | 3.3 | 88 | 3.4 | 150 | 0.1 | 349 | 0.2 | 190 | 0.4 | 229 | 1.0 | 242 | 0.7 | | | |
| | | 30m | 78 | 3.5 | 89 | 3.3 | 173 | 0.1 | 6 | 0.1 | 85 | 0.1 | 234 | 1.0 | 235 | 0.6 | | | |
| | | 40m | 82 | 3.5 | 92 | 3.1 | 60 | 2.3 | 40 | 0.3 | 320 | 0.4 | 233 | 1.0 | 231 | 0.5 | | | |
| | | 50m | 83 | 3.2 | 91 | 2.6 | 51 | 1.0 | 358 | 0.3 | 274 | 0.2 | 225 | 0.8 | 234 | 0.4 | | | |
| 水 | 温 | (°C) | (PSU) | 0m | 25.88 | 34.444 | 23.63 | 33.594 | 21.08 | 33.408 | 21.85 | 31.514 | 20.47 | 32.003 | 20.55 | 30.818 | 20.30 | 33.825 | |
| | | | | 10m | 25.52 | 34.426 | 23.58 | 34.031 | 20.47 | 33.682 | 21.51 | 32.786 | 21.11 | 32.818 | 20.31 | 33.626 | 19.68 | 34.288 | |
| | | | | 20m | 25.48 | 34.423 | 23.36 | 34.035 | 20.35 | 33.845 | 20.76 | 33.643 | 20.46 | 33.745 | 19.52 | 34.284 | 19.12 | 34.350 | |
| | | | | 30m | 25.40 | 34.422 | 23.31 | 34.030 | 20.00 | 34.084 | 20.67 | 33.907 | 19.67 | 34.215 | 19.30 | 34.343 | 17.48 | 34.443 | |
| | | | | 50m | 24.65 | 34.446 | 22.07 | 34.274 | 19.65 | 34.257 | 20.21 | 34.181 | 16.79 | 34.448 | 17.29 | 34.426 | 15.64 | 34.440 | |
| | | | | 75m | 22.70 | 34.546 | 18.73 | 34.442 | 17.40 | 34.430 | 18.51 | 34.366 | | | 16.54 | 34.446 | 14.30 | 34.473 | |
| | | | | 100m | 21.10 | 34.534 | 17.31 | 34.552 | 15.59 | 34.527 | | | | | 15.61 | 34.476 | 13.71 | 34.460 | |
| | | | | 125m | 19.48 | 34.627 | 14.43 | 34.492 | 14.29 | 34.490 | | | | | 14.88 | 34.473 | 13.12 | 34.442 | |
| | | | | 150m | 17.47 | 34.623 | 12.84 | 34.434 | 12.98 | 34.440 | | | | | | | 12.50 | 34.419 | |
| | | | | 175m | 16.04 | 34.560 | 12.47 | 34.419 | 11.98 | 34.398 | | | | | | | 11.58 | 34.380 | |
| | | | | 200m | 14.58 | 34.505 | 11.16 | 34.366 | 11.14 | 34.362 | | | | | | | 10.85 | 34.350 | |
| | | | | 250m | 13.24 | 34.449 | 10.14 | 34.321 | 9.95 | 34.314 | | | | | | | 10.08 | 34.318 | |
| | | | | 300m | 11.19 | 34.350 | 9.13 | 34.242 | 9.07 | 34.286 | | | | | | | 8.69 | 34.270 | |
| | | | | 400m | | | | | | | | | | | | | 7.77 | 34.250 | |
| | | | | 500m | | | | | | | | | | | | | 7.02 | 34.250 | |
| | | | | 600m | | | | | | | | | | | | | 5.52 | 34.264 | |
| | | | | 700m | | | | | | | | | | | | | 4.88 | 34.298 | |
| 800m | | | | | | | | | | | | | 4.07 | 34.354 | | | | | |
| 900m | | | | | | | | | | | | | 3.78 | 34.378 | | | | | |
| 1000m | | | | | | | | | | | | | 3.44 | 34.412 | | | | | |
| D | O | (mg/l) | クロロ | フィル | 0m | 6.42 | 0.00 | 6.77 | 0.00 | 7.15 | 0.43 | 7.50 | 0.58 | 7.48 | 0.95 | 7.59 | 1.82 | 7.65 | 0.16 |
| | | | | | 10m | 6.50 | 0.00 | 6.76 | 0.00 | 7.51 | 0.39 | 7.33 | 0.36 | 7.40 | 0.86 | 7.46 | 1.11 | 7.67 | 1.07 |
| | | | | | 20m | 6.51 | 0.00 | 6.78 | 0.00 | 7.51 | 1.28 | 7.29 | 0.34 | 6.73 | 0.78 | 7.43 | 1.67 | 7.25 | 5.23 |
| | | | | | 30m | 6.51 | 0.00 | 6.79 | 0.00 | 7.17 | 1.84 | 7.19 | 0.82 | 6.68 | 0.06 | 7.20 | 1.56 | 6.31 | 1.28 |
| | | | | | 50m | 6.39 | 0.35 | 6.71 | 0.19 | 6.91 | 0.68 | 7.01 | 0.10 | 5.85 | 0.00 | 6.36 | 0.22 | 5.71 | 0.00 |
| | | | | | 75m | 6.18 | 0.00 | 6.34 | 0.00 | 6.38 | 0.00 | 6.58 | 0.00 | | | 6.10 | 0.00 | 5.42 | 0.00 |
| | | | | | 100m | 6.24 | 0.00 | 5.68 | 0.00 | 5.66 | 0.00 | | | | | 5.81 | 0.00 | 5.32 | 0.00 |
| | | | | | 125m | 5.84 | 0.00 | 5.30 | 0.00 | 5.51 | 0.00 | | | | | 5.53 | 0.00 | 5.16 | 0.00 |
| | | | | | 150m | 5.71 | 0.00 | 5.11 | 0.00 | 5.17 | 0.00 | | | | | | | 4.99 | 0.00 |
| | | | | | 175m | 5.52 | 0.00 | 4.98 | 0.00 | 4.95 | 0.00 | | | | | | | 4.80 | 0.00 |
| | | | | | 200m | 5.33 | 0.00 | 4.68 | 0.00 | 4.66 | 0.00 | | | | | | | 4.57 | 0.00 |
| | | | | | 250m | 5.16 | 0.00 | 4.38 | 0.00 | 4.31 | 0.00 | | | | | | | 4.34 | 0.00 |
| | | | | | 300m | 4.85 | 0.00 | 4.35 | 0.00 | 4.03 | 0.00 | | | | | | | 3.93 | 0.00 |
| | | | | | 400m | | | | | | | | | | | | | 3.59 | 0.00 |
| | | | | | 500m | | | | | | | | | | | | | 3.22 | 0.00 |
| | | | | | 600m | | | | | | | | | | | | | 2.55 | 0.00 |
| | | | | | 700m | | | | | | | | | | | | | 2.26 | 0.00 |
| 800m | | | | | | | | | | | | | 2.02 | 0.00 | | | | | |
| 900m | | | | | | | | | | | | | 1.97 | 0.00 | | | | | |
| 1000m | | | | | | | | | | | | | 1.98 | 0.00 | | | | | |

注) 緯度、経度は世界測地系による。

