

# 沿岸定線観測結果(2025-8月)

## 三重県水産研究所

調査海域 熊野灘  
調査年月日 2025年8月22-23, 28日  
使用船 あさま(96トン)  
調査員 駒田 文菜

### 調査結果

調査時の水温は、表面は21.8~29.2℃、50mでは16.2~20.5℃、100mでは14.3~17.1℃、200mでは11.5~12.5℃の範囲にあった。水温は、南部沖合域(測点29, 30)を除き、表面及び50mでは平年より1~5℃前後低め、100m及び200mで概ね平年並であった。8月上旬頃に発生した沿岸湧昇の影響により低水温が顕著で、測点11, 12, 29の表面、測点29の50mで同月の過去最低水温を更新した。一方、南部沖合域の水温は、表面では平年並~低め、50m、100m及び200mでかなり低めであった。

塩分は、表面は33.62~34.39、20mでは33.99~34.63、200mでは34.37~34.42の範囲にあり、表面及び20mでは沿岸湧昇の影響で平年より高く、200mでは平年並であった。表面では測点14, 15, 17, 28、20mでは測点1, 5, 6, 14, 22で同日過去最高塩分を更新した。

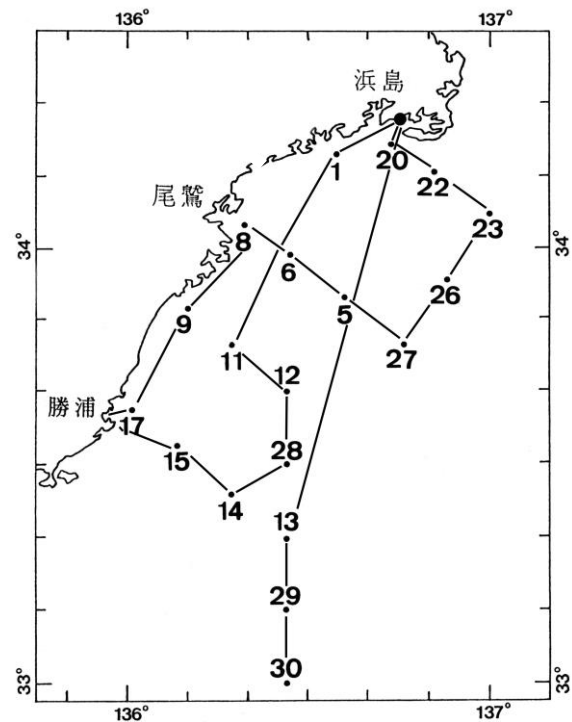
観測時の黒潮は、熊野灘沖で33°00'N以南を東進していたため、調査では黒潮に達しなかった。

===== 使用観測機器 =====

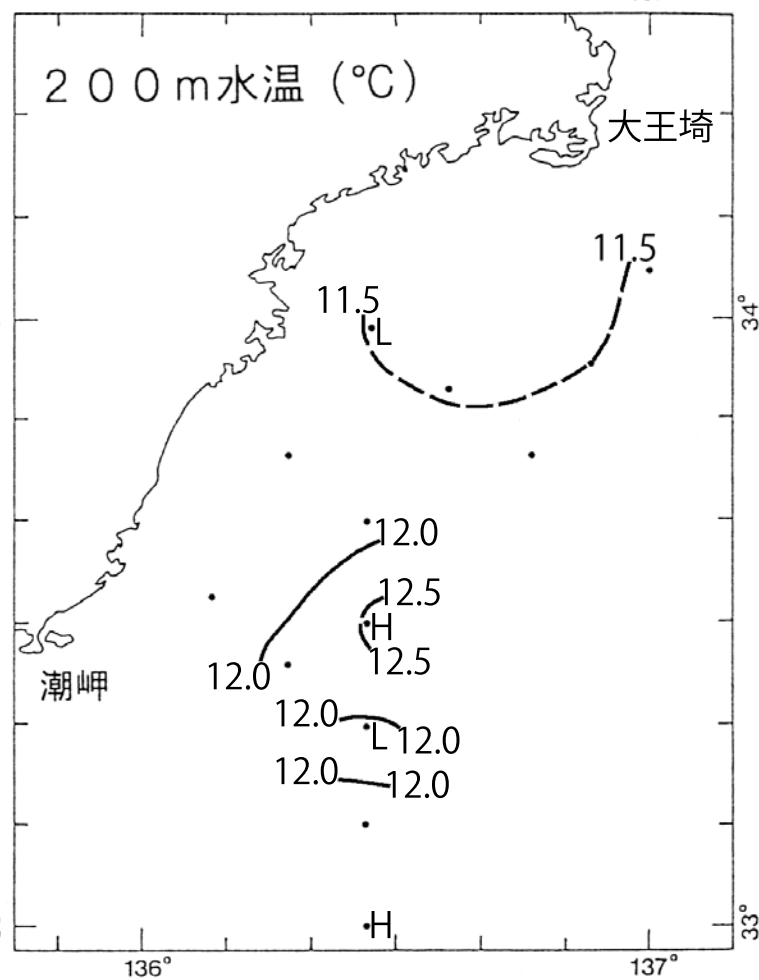
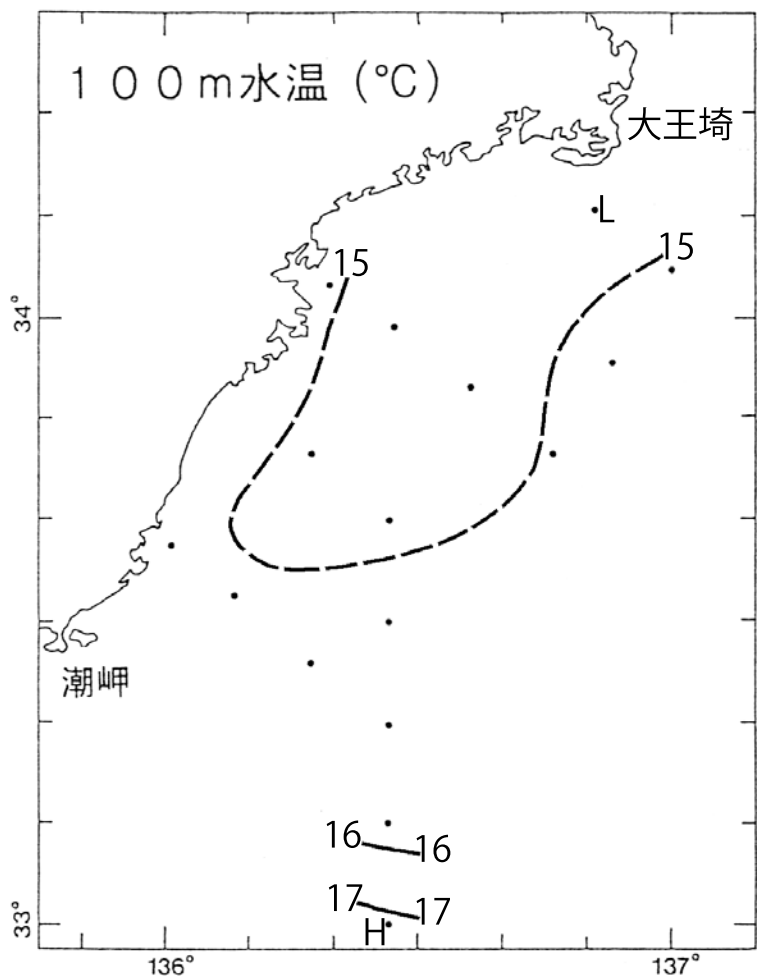
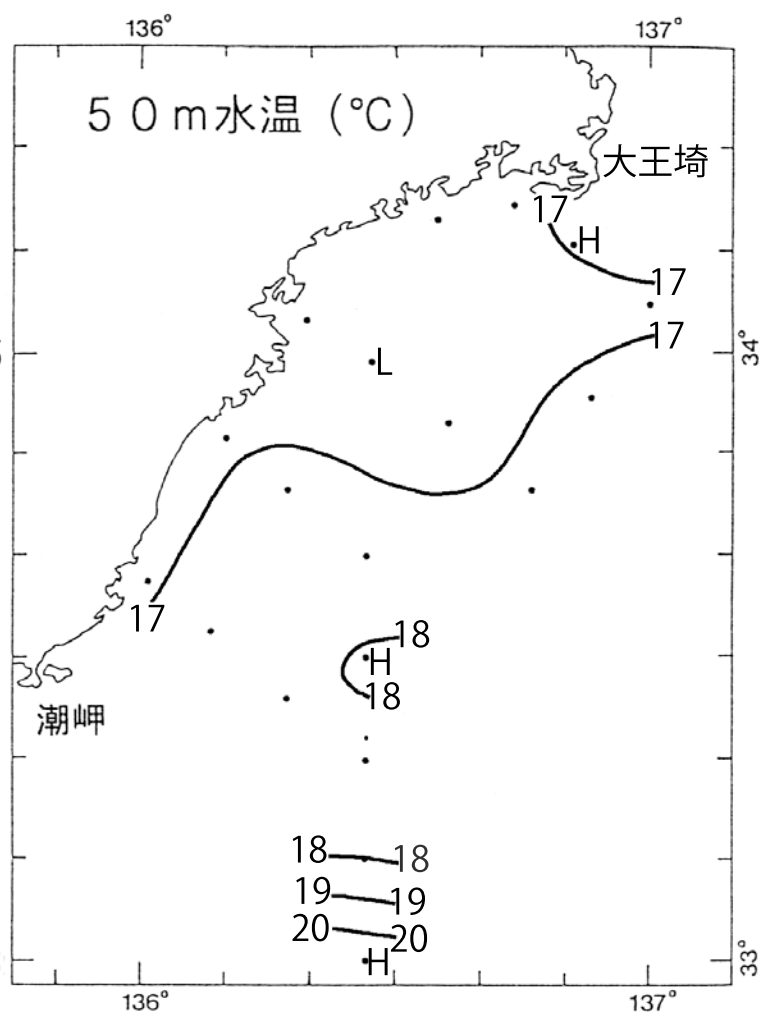
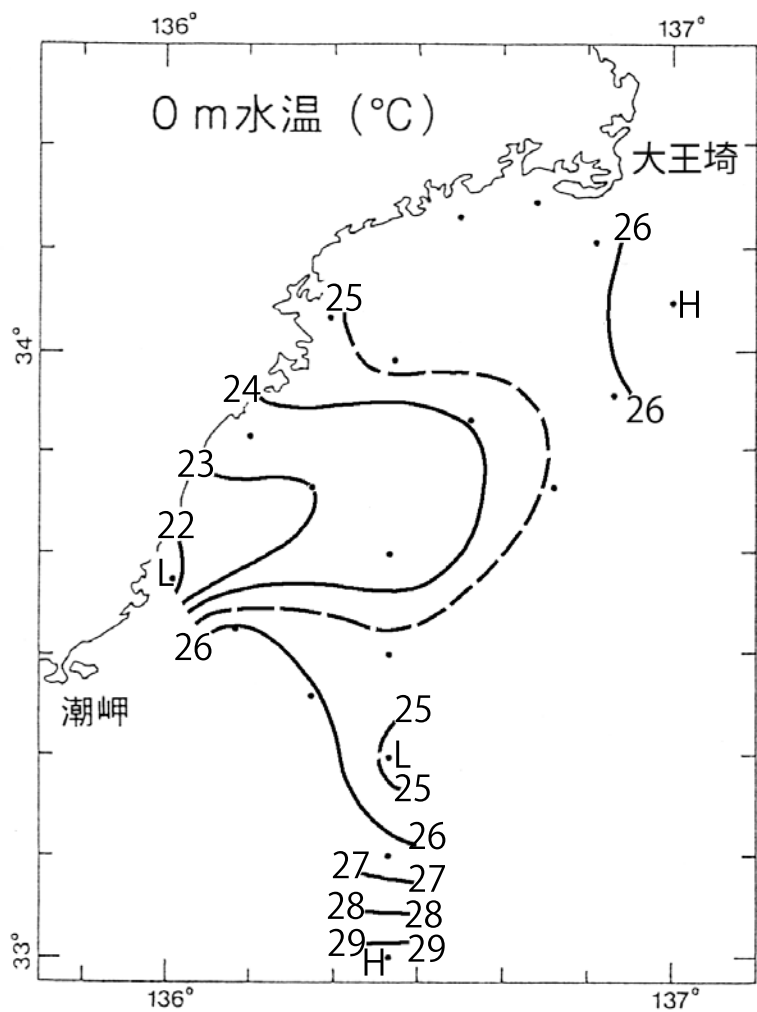
- ・ 水温、塩分、DO、クロロフィル  
CTD: SeaBird社製 SBE-9plus  
鶴見精機製 XCTD
- DO: SeaBird社製 SBE43
- クロロフィル: WetLab社製 Eco-AFL
- ・ 流向流速計  
ADCP: RD社製 300kHz

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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7年8月分）

調査員：岩田 定和・駒田 文菜

| 測 点              |              |       | 1         |        | 5         |        | 6         |        | 8         |        | 9         |        | 11        |        | 12        |        |
|------------------|--------------|-------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| 年 月 日            |              |       | 25/08/23  |        | 25/08/22  |        | 25/08/22  |        | 25/08/22  |        | 25/08/22  |        | 25/08/23  |        | 25/08/23  |        |
| 時 刻              |              |       | 12:35     |        | 12:19     |        | 13:05     |        | 13:56     |        | 14:51     |        | 10:49     |        | 09:43     |        |
|                  |              |       | -12:43    |        | -12:31    |        | -13:28    |        | -14:02    |        | -15:01    |        | -10:59    |        | -10:16    |        |
| 緯 度              | (N)          |       | 34°13.17  |        | 33°52.87  |        | 33°58.91  |        | 34°03.64  |        | 33°51.73  |        | 33°46.90  |        | 33°40.15  |        |
| 経 度              | (E)          |       | 136°34.81 |        | 136°36.38 |        | 136°26.95 |        | 136°19.32 |        | 136°09.76 |        | 136°17.08 |        | 136°26.50 |        |
| 水 深              |              |       | 98m       |        | 1975m     |        | 634m      |        | 113m      |        | 91m       |        | 1511m     |        | 2047m     |        |
| 水 色              |              |       | 5         |        | 4         |        | 4         |        | 5         |        | 4         |        | 4         |        | 4         |        |
| 傾 角              | ／ 透 明 度      |       | 38 / 13   |        | 45 / 15   |        | 51 / 15   |        | 53 / 15   |        | 60 / 17   |        | 29 / 14   |        | 35 / 15   |        |
| 風 ね              | 浪            |       | SE 2      |        | SSW 3     |        | SSW 3     |        | SSW 3     |        | SSW 4     |        | SSW 2     |        | SSW 3     |        |
| う                | ね            |       | S 1       |        | SSW 1     |        | SSW 1     |        | SSW 1     |        | SSW 1     |        | S 1       |        | SSW 2     |        |
| 気 温              |              |       | 26.7℃     |        | 26.4℃     |        | 27.1℃     |        | 27.9℃     |        | 26.6℃     |        | 26.2℃     |        | 25.6℃     |        |
| 天 気              |              |       | C         |        | BC        |        | BC        |        | BC        |        | BC        |        | C         |        | C         |        |
| 雲 形 ・ 雲 量        |              |       | Ac St 10  |        | Ci Cu 4   |        | Ci Cu 4   |        | Ci Cu 4   |        | Ci Cu 4   |        | Ac St 9   |        | Ac St 9   |        |
| 風 向 ( 風 力 )      |              |       | ESE(1)    |        | SSW(4)    |        | SSW(4)    |        | SSW(4)    |        | SSW(5)    |        | SSW(2)    |        | SW(2)     |        |
| 気 圧              | (hPa)        |       | 1011.3    |        | 1010.4    |        | 1009.0    |        | 1009.4    |        | 1009.3    |        | 1011.5    |        | 1011.8    |        |
| 流 向              | 流 速          | 10m   | 178       | 0.4    | 38        | 0.4    | 47        | 0.8    | 285       | 0.1    | 18        | 0.9    | 4         | 0.5    | 88        | 0.6    |
|                  |              | 20m   | 118       | 0.4    | 210       | 0.3    | 83        | 0.6    | 267       | 0.2    | 342       | 0.5    | 45        | 0.4    | 131       | 0.7    |
|                  |              | 30m   | 101       | 0.5    | 257       | 0.3    | 118       | 0.3    | 337       | 0.2    | 339       | 0.6    | 106       | 0.4    | 157       | 0.6    |
|                  |              | 40m   | 92        | 0.3    | 246       | 0.2    | 71        | 0.2    | 44        | 0.1    | 348       | 0.6    | 88        | 0.3    | 187       | 0.6    |
|                  |              | 50m   | 162       | 0.1    | 217       | 0.2    | 265       | 0.1    | 214       | 0.2    | 337       | 0.5    | 72        | 0.3    | 202       | 0.1    |
| 水 温<br>(℃)       | 塩 分<br>(PSU) | 0m    | 25.54     | 33.904 | 24.01     | 34.391 | 25.19     | 34.377 | 24.92     | 34.217 | 23.69     | 34.253 | 23.00     | 33.616 | 23.16     | 34.171 |
|                  |              | 10m   | 20.80     | 34.419 | 18.83     | 34.556 | 19.08     | 34.562 | 20.90     | 34.503 | 20.11     | 34.505 | 21.70     | 34.349 | 21.92     | 34.499 |
|                  |              | 20m   | 18.30     | 34.566 | 17.47     | 34.585 | 17.42     | 34.589 | 18.88     | 34.587 | 18.60     | 34.567 | 19.82     | 34.620 | 20.23     | 34.610 |
|                  |              | 30m   | 17.66     | 34.591 | 16.94     | 34.596 | 16.86     | 34.590 | 18.39     | 34.590 | 17.76     | 34.587 | 18.63     | 34.638 | 18.75     | 34.654 |
|                  |              | 50m   | 16.63     | 34.590 | 16.45     | 34.612 | 16.19     | 34.581 | 16.95     | 34.588 | 16.90     | 34.590 | 17.33     | 34.640 | 17.65     | 34.653 |
|                  |              | 75m   | 15.84     | 34.569 | 15.87     | 34.603 | 15.22     | 34.567 | 15.59     | 34.560 | 15.65     | 34.562 | 15.88     | 34.589 | 15.82     | 34.595 |
|                  |              | 100m  |           |        | 14.55     | 34.531 | 14.29     | 34.516 | 15.05     | 34.540 |           |        | 14.97     | 34.555 | 14.79     | 34.531 |
|                  |              | 125m  |           |        | 13.60     | 34.478 | 13.57     | 34.477 |           |        |           |        | 14.09     | 34.507 | 13.61     | 34.479 |
|                  |              | 150m  |           |        | 12.70     | 34.434 | 12.84     | 34.439 |           |        |           |        | 13.08     | 34.456 | 12.99     | 34.448 |
|                  |              | 175m  |           |        | 12.29     | 34.411 | 12.01     | 34.401 |           |        |           |        | 12.47     | 34.423 | 12.45     | 34.420 |
|                  |              | 200m  |           |        | 11.48     | 34.372 | 11.46     | 34.375 |           |        |           |        | 11.73     | 34.384 | 11.80     | 34.388 |
|                  |              | 250m  |           |        | 10.56     | 34.329 | 10.23     | 34.318 |           |        |           |        | 10.62     | 34.330 | 10.78     | 34.340 |
|                  |              | 300m  |           |        | 9.56      | 34.289 | 9.06      | 34.270 |           |        |           |        | 9.37      | 34.280 | 9.60      | 34.290 |
|                  |              | 400m  |           |        |           |        | 7.09      | 34.208 |           |        |           |        |           |        | 7.81      | 34.236 |
|                  |              | 500m  |           |        |           |        | 5.98      | 34.241 |           |        |           |        |           |        | 6.41      | 34.256 |
|                  |              | 600m  |           |        |           |        | 5.27      | 34.275 |           |        |           |        |           |        | 5.17      | 34.280 |
|                  |              | 700m  |           |        |           |        |           |        |           |        |           |        |           |        | 4.35      | 34.330 |
|                  |              | 800m  |           |        |           |        |           |        |           |        |           |        |           |        | 3.81      | 34.373 |
|                  |              | 900m  |           |        |           |        |           |        |           |        |           |        |           |        | 3.46      | 34.407 |
|                  |              | 1000m |           |        |           |        |           |        |           |        |           |        |           |        | 3.27      | 34.428 |
| D<br>O<br>(mg/l) | クロロファイル      | 0m    | 7.20      | 0.08   | 7.30      | 0.00   | 7.37      | 0.00   | 7.14      | 0.07   | 7.36      | 0.00   | 7.41      | 0.00   | 7.34      | 0.00   |
|                  |              | 10m   | 8.32      | 0.10   | 7.45      | 0.98   | 8.77      | 0.00   | 8.23      | 0.00   | 7.85      | 0.00   | 7.23      | 0.01   | 7.13      | 0.00   |
|                  |              | 20m   | 6.44      | 6.60   | 5.84      | 4.37   | 5.43      | 14.69  | 7.99      | 1.17   | 7.79      | 1.53   | 6.91      | 1.44   | 6.32      | 0.65   |
|                  |              | 30m   | 5.86      | 4.85   | 5.70      | 0.66   | 5.59      | 1.29   | 7.10      | 5.58   | 5.70      | 5.27   | 6.03      | 0.71   | 6.18      | 0.55   |
|                  |              | 50m   | 5.56      | 0.30   | 5.79      | 0.19   | 5.48      | 0.16   | 5.53      | 0.55   | 5.58      | 0.69   | 5.86      | 0.19   | 5.88      | 0.22   |
|                  |              | 75m   | 5.41      | 0.01   | 5.84      | 0.00   | 5.68      | 0.00   | 5.40      | 0.00   | 5.43      | 0.14   | 5.62      | 0.00   | 5.87      | 0.00   |
|                  |              | 100m  |           |        | 5.50      | 0.00   | 5.50      | 0.00   | 5.24      | 0.00   |           |        | 5.65      | 0.00   | 5.44      | 0.00   |
|                  |              | 125m  |           |        | 5.26      | 0.00   | 5.32      | 0.00   |           |        |           |        | 5.39      | 0.00   | 5.25      | 0.00   |
|                  |              | 150m  |           |        | 5.06      | 0.00   | 5.13      | 0.00   |           |        |           |        | 5.15      | 0.00   | 5.17      | 0.00   |
|                  |              | 175m  |           |        | 5.00      | 0.00   | 4.92      | 0.00   |           |        |           |        | 5.07      | 0.00   | 5.01      | 0.00   |
|                  |              | 200m  |           |        | 4.83      | 0.00   | 4.78      | 0.00   |           |        |           |        | 4.90      | 0.00   | 4.91      | 0.00   |
|                  |              | 250m  |           |        | 4.61      | 0.00   | 4.49      | 0.00   |           |        |           |        | 4.64      | 0.00   | 4.66      | 0.00   |
|                  |              | 300m  |           |        | 4.32      | 0.00   | 4.17      | 0.00   |           |        |           |        | 4.29      | 0.00   | 4.34      | 0.00   |
|                  |              | 400m  |           |        |           |        | 3.55      | 0.00   |           |        |           |        |           |        | 3.70      | 0.00   |
|                  |              | 500m  |           |        |           |        | 2.84      | 0.00   |           |        |           |        |           |        | 3.02      | 0.00   |
|                  |              | 600m  |           |        |           |        | 2.42      | 0.00   |           |        |           |        |           |        | 2.37      | 0.00   |
|                  |              | 700m  |           |        |           |        |           |        |           |        |           |        |           |        | 2.05      | 0.00   |
|                  |              | 800m  |           |        |           |        |           |        |           |        |           |        |           |        | 1.91      | 0.00   |
|                  |              | 900m  |           |        |           |        |           |        |           |        |           |        |           |        | 1.89      | 0.00   |
|                  |              | 1000m |           |        |           |        |           |        |           |        |           |        |           |        | 1.92      | 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7年8月分）

調査員：岩田 定和・駒田 文菜

| 測 点                  |              |       | 13        |        | 14        |        | 15        |        | 17        |        | 20        |        | 22        |        | 23        |        |
|----------------------|--------------|-------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| 年 月 日                |              |       | 25/08/28  |        | 25/08/23  |        | 25/08/23  |        | 25/08/22  |        | 25/08/22  |        | 25/08/22  |        | 25/08/22  |        |
| 時 刻                  |              |       | 13:38     |        | 08:07     |        | 07:20     |        | 15:55     |        | 07:39     |        | 08:10     |        | 08:52     |        |
|                      |              |       | -13:52    |        | -08:19    |        | -07:32    |        | -16:02    |        | -07:44    |        | -08:20    |        | -09:25    |        |
| 緯 度                  | (N)          |       | 33°19.75  |        | 33°26.17  |        | 33°32.62  |        | 33°37.91  |        | 34°14.73  |        | 34°10.70  |        | 34°04.49  |        |
| 経 度                  | (E)          |       | 136°26.31 |        | 136°17.08 |        | 136°08.05 |        | 136°00.71 |        | 136°43.42 |        | 136°50.77 |        | 136°59.76 |        |
| 水 深                  |              |       | 2012m     |        | 1953m     |        | 1417m     |        | 102m      |        | 58m       |        | 129m      |        | 1381m     |        |
| 水 色                  |              |       | 4         |        | 5         |        | 4         |        | 4         |        | 5         |        | 4         |        | 4         |        |
| 傾 角                  | ／ 透 明 度      |       | 37 / 20   |        | 35 / 11   |        | 32 / 17   |        | 49 / 11   |        | 34 / 16   |        | 31 / 21   |        | 35 / 21   |        |
| 風 ね                  | 浪            |       | SW 2      |        | SW 3      |        | SW 2      |        | SSW 3     |        | SE 2      |        | SSW 3     |        | SW 3      |        |
| うねり                  |              |       | SW 1      |        | SW 2      |        | SW 1      |        | SSW 1     |        | S 1       |        | SSW 1     |        | SW 1      |        |
| 気 温                  |              |       | 28.5℃     |        | 25.5℃     |        | 27℃       |        | 24.9℃     |        | 27℃       |        | 25.8℃     |        | 27.4℃     |        |
| 天 気                  |              |       | C         |        | R         |        | C         |        | BC        |        | BC        |        | BC        |        | BC        |        |
| 雲 形 ・ 雲 量            |              |       | St 6      |        | St 10     |        | Ac St 9   |        | Ci Cu 4   |        | Ci Ac 4   |        | Ci Ac 3   |        | Ci Ac 4   |        |
| 風 向 ( 風 力 )          |              |       | WSW(2)    |        | SSW(4)    |        | WSW(2)    |        | SW(4)     |        | SSE(2)    |        | SSW(2)    |        | WSW(3)    |        |
| 気 圧 (hPa)            |              |       | 1012.7    |        | 1011.5    |        | 1011.3    |        | 1009.6    |        | 1010.8    |        | 1011.2    |        | 1011.3    |        |
| 流 向<br>(度)           | 流 速<br>(Kt)  | 10m   | 90        | 0.5    | 270       | 0.5    | 345       | 0.5    | 29        | 0.6    | 297       | 0.3    | 2         | 0.4    | 120       | 0.5    |
|                      |              | 20m   | 159       | 0.5    | 283       | 0.7    | 10        | 0.5    | 347       | 0.3    | 162       | 0.2    | 8         | 0.3    | 114       | 0.4    |
|                      |              | 30m   | 119       | 0.6    | 267       | 0.6    | 337       | 0.3    | 347       | 0.3    | 142       | 0.3    | 28        | 0.2    | 221       | 0.5    |
|                      |              | 40m   | 80        | 0.2    | 233       | 0.5    | 356       | 0.3    | 328       | 0.4    | 169       | 0.3    | 11        | 0.1    | 212       | 0.4    |
|                      |              | 50m   | 27        | 0.1    | 236       | 0.5    | 2         | 0.1    | 296       | 0.6    | 241       | 0.2    | 50        | 0.2    | 189       | 0.4    |
| 水 温<br>(℃)           | 塩 分<br>(PSU) | 0m    | 24.88     | 34.284 | 26.09     | 34.238 | 26.29     | 34.155 | 21.75     | 34.313 | 25.87     | 33.927 | 25.66     | 33.958 | 26.91     | 34.060 |
|                      |              | 10m   | 22.48     | 34.472 | 23.63     | 34.434 | 22.51     | 34.463 | 19.76     | 34.512 | 21.68     | 34.275 | 22.92     | 34.318 | 23.53     | 34.186 |
|                      |              | 20m   | 21.33     | 34.524 | 20.57     | 34.595 | 20.19     | 34.627 | 18.38     | 34.590 | 18.50     | 34.520 | 20.06     | 34.539 | 20.67     | 34.540 |
|                      |              | 30m   | 18.67     | 34.654 | 18.87     | 34.649 | 19.14     | 34.661 | 17.44     | 34.627 | 17.56     | 34.576 | 18.83     | 34.650 | 18.66     | 34.622 |
|                      |              | 50m   | 17.27     | 34.645 | 17.31     | 34.644 | 17.56     | 34.664 | 16.82     | 34.629 | 16.41     | 34.604 | 17.46     | 34.650 | 16.83     | 34.608 |
|                      |              | 75m   | 16.21     | 34.580 | 16.36     | 34.615 | 16.31     | 34.617 | 15.37     | 34.553 |           |        | 15.30     | 34.574 | 15.87     | 34.592 |
|                      |              | 100m  | 15.33     | 34.562 | 15.44     | 34.577 | 15.24     | 34.566 | 15.02     | 34.539 |           |        | 14.28     | 34.514 | 15.18     | 34.557 |
|                      |              | 125m  | 14.69     | 34.534 | 14.83     | 34.546 | 13.98     | 34.499 |           |        |           |        |           |        | 14.42     | 34.516 |
|                      |              | 150m  | 13.60     | 34.478 | 13.96     | 34.496 | 13.19     | 34.459 |           |        |           |        |           |        | 13.46     | 34.471 |
|                      |              | 175m  | 12.94     | 34.443 | 12.89     | 34.444 | 12.52     | 34.427 |           |        |           |        |           |        | 12.45     | 34.420 |
|                      |              | 200m  | 11.95     | 34.397 | 12.28     | 34.415 | 11.55     | 34.377 |           |        |           |        |           |        | 11.66     | 34.375 |
|                      |              | 250m  | 10.57     | 34.326 | 10.57     | 34.326 | 10.01     | 34.309 |           |        |           |        |           |        | 10.37     | 34.328 |
|                      |              | 300m  | 9.14      | 34.283 | 9.41      | 34.285 | 8.63      | 34.258 |           |        |           |        |           |        | 8.97      | 34.286 |
|                      |              | 400m  |           |        |           |        |           |        |           |        |           |        |           |        | 7.06      | 34.249 |
|                      |              | 500m  |           |        |           |        |           |        |           |        |           |        |           |        | 5.91      | 34.275 |
|                      |              | 600m  |           |        |           |        |           |        |           |        |           |        |           |        | 4.84      | 34.293 |
|                      |              | 700m  |           |        |           |        |           |        |           |        |           |        |           |        | 4.29      | 34.322 |
|                      |              | 800m  |           |        |           |        |           |        |           |        |           |        |           |        | 3.88      | 34.361 |
|                      |              | 900m  |           |        |           |        |           |        |           |        |           |        |           |        | 3.58      | 34.393 |
|                      |              | 1000m |           |        |           |        |           |        |           |        |           |        |           |        | 3.38      | 34.418 |
| D<br>O<br><br>(mg/l) | クロロファイル      | 0m    | 7.03      | 0.00   | 6.75      | 0.00   | 6.73      | 0.00   | 7.83      | 0.00   | 7.08      | 0.00   | 6.67      | 0.00   | 6.49      | 0.00   |
|                      |              | 10m   | 7.42      | 0.07   | 7.17      | 0.00   | 7.25      | 0.07   | 8.01      | 2.02   | 7.80      | 0.13   | 7.14      | 0.00   | 7.44      | 0.00   |
|                      |              | 20m   | 7.68      | 0.57   | 7.08      | 0.87   | 6.10      | 0.90   | 6.60      | 4.65   | 6.86      | 5.61   | 7.19      | 0.12   | 7.31      | 0.00   |
|                      |              | 30m   | 6.48      | 4.19   | 5.95      | 0.43   | 5.93      | 0.42   | 5.75      | 1.44   | 5.93      | 1.75   | 6.30      | 2.95   | 7.30      | 0.53   |
|                      |              | 50m   | 5.99      | 0.82   | 5.96      | 0.00   | 6.00      | 0.07   | 5.86      | 0.13   | 5.76      | 0.18   | 5.79      | 0.42   | 5.77      | 0.40   |
|                      |              | 75m   | 5.46      | 0.50   | 5.91      | 0.00   | 5.79      | 0.00   | 5.49      | 0.00   |           |        | 5.67      | 0.00   | 5.86      | 0.00   |
|                      |              | 100m  | 5.58      | 0.00   | 5.72      | 0.00   | 5.66      | 0.00   | 5.42      | 0.00   |           |        | 5.36      | 0.00   | 5.58      | 0.00   |
|                      |              | 125m  | 5.51      | 0.00   | 5.61      | 0.00   | 5.31      | 0.00   |           |        |           |        |           |        | 5.44      | 0.00   |
|                      |              | 150m  | 5.29      | 0.00   | 5.32      | 0.00   | 5.18      | 0.00   |           |        |           |        |           |        | 5.24      | 0.00   |
|                      |              | 175m  | 5.18      | 0.00   | 5.12      | 0.00   | 5.07      | 0.00   |           |        |           |        |           |        | 5.04      | 0.00   |
|                      |              | 200m  | 4.94      | 0.00   | 4.97      | 0.00   | 4.86      | 0.00   |           |        |           |        |           |        | 4.95      | 0.00   |
|                      |              | 250m  | 4.59      | 0.00   | 4.61      | 0.00   | 4.42      | 0.00   |           |        |           |        |           |        | 4.47      | 0.00   |
|                      |              | 300m  | 4.11      | 0.00   | 4.26      | 0.00   | 4.05      | 0.00   |           |        |           |        |           |        | 3.98      | 0.00   |
|                      |              | 400m  |           |        |           |        |           |        |           |        |           |        |           |        | 3.21      | 0.00   |
|                      |              | 500m  |           |        |           |        |           |        |           |        |           |        |           |        | 2.71      | 0.00   |
|                      |              | 600m  |           |        |           |        |           |        |           |        |           |        |           |        | 2.24      | 0.00   |
|                      |              | 700m  |           |        |           |        |           |        |           |        |           |        |           |        | 2.00      | 0.00   |
|                      |              | 800m  |           |        |           |        |           |        |           |        |           |        |           |        | 1.89      | 0.00   |
|                      |              | 900m  |           |        |           |        |           |        |           |        |           |        |           |        | 1.88      | 0.00   |
|                      |              | 1000m |           |        |           |        |           |        |           |        |           |        |           |        | 1.82      | 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7年8月分）

調査員:岩田 定和・駒田 文菜

| 測 点              |              |       | 26        |        | 27        |        | 28        |        | 29        |        | 30        |        |
|------------------|--------------|-------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| 年 月 日            |              |       | 25/08/22  |        | 25/08/22  |        | 25/08/23  |        | 25/08/28  |        | 25/08/28  |        |
| 時 刻              |              |       | 09:59     |        | 11:08     |        | 08:53     |        | 12:44     |        | 11:38     |        |
|                  |              |       | -10:05    |        | -11:20    |        | -09:07    |        | -13:05    |        | -12:10    |        |
| 緯 度              | (N)          |       | 33°55.62  |        | 33°46.84  |        | 33°30.07  |        | 33°10.05  |        | 33°00.17  |        |
| 経 度              | (E)          |       | 136°52.80 |        | 136°45.83 |        | 136°26.39 |        | 136°26.44 |        | 136°26.34 |        |
| 水深               |              |       | 1041m     |        | 1912m     |        | 2068m     |        | 2249m     |        |           |        |
| 水色               |              |       | 4         |        | 4         |        | 4         |        | 3         |        | 3         |        |
| 傾 角              | ／ 透 明 度      |       | 54 / 23   |        | 52 / 20   |        | 47 / 17   |        | 37 / 26   |        | 28 / 32   |        |
| 風 浪              |              |       | WSW 2     |        | SW 3      |        | SW 3      |        | SW 2      |        | SW 2      |        |
| うねり              |              |       | SW 1      |        | SW 1      |        | SW 2      |        | SW 1      |        | SW 1      |        |
| 気温               | 温            |       | 26.5℃     |        | 26.6℃     |        | 26.6℃     |        | 29.1℃     |        | 29.1℃     |        |
| 天気               | 気            |       | BC        |        | BC        |        | C         |        | C         |        | BC        |        |
| 雲 形 ・ 雲 量        |              |       | Ci Cu 4   |        | Ci Cu 3   |        | Ac St 9   |        | St 6      |        | St 4      |        |
| 風 向 ( 風 力 )      |              |       | WSW(3)    |        | WSW(4)    |        | SW(3)     |        | SE(1)     |        | WNW(1)    |        |
| 気 圧              | (hPa)        |       | 1011.6    |        | 1011.2    |        | 1011.4    |        | 1013.0    |        | 1013.0    |        |
| 流 向<br>(度)       | 流 速<br>(Kt)  | 10m   | 72        | 0.9    | 47        | 0.7    | 292       | 0.5    | 90        | 0.9    | 122       | 0.9    |
|                  |              | 20m   | 142       | 0.5    | 139       | 0.6    | 338       | 0.5    | 111       | 0.6    | 111       | 1.2    |
|                  |              | 30m   | 169       | 0.4    | 173       | 0.8    | 337       | 0.4    | 152       | 0.8    | 132       | 1.1    |
|                  |              | 40m   | 213       | 0.5    | 177       | 0.5    | 319       | 0.2    | 174       | 0.6    | 128       | 0.9    |
|                  |              | 50m   | 211       | 0.3    | 158       | 0.5    | 266       | 0.1    | 187       | 0.6    | 141       | 0.6    |
| 水 温<br>(℃)       | 塩 分<br>(PSU) | 0m    | 25.98     | 34.051 | 25.08     | 34.123 | 25.56     | 34.288 | 26.50     | 33.796 | 29.23     | 33.918 |
|                  |              | 10m   | 25.68     | 34.077 | 24.76     | 34.129 | 24.77     | 34.369 | 24.31     | 34.394 | 28.89     | 34.019 |
|                  |              | 20m   | 20.57     | 34.487 | 21.32     | 34.469 | 21.56     | 34.610 | 21.25     | 34.568 | 28.35     | 33.991 |
|                  |              | 30m   | 18.98     | 34.586 | 19.40     | 34.616 | 20.16     | 34.643 | 19.23     | 34.656 | 25.72     | 34.191 |
|                  |              | 50m   | 17.17     | 34.634 | 17.12     | 34.619 | 18.21     | 34.632 | 18.00     | 34.678 | 20.52     | 34.562 |
|                  |              | 75m   | 16.27     | 34.618 | 16.05     | 34.611 | 16.31     | 34.590 | 17.23     | 34.645 | 18.26     | 34.624 |
|                  |              | 100m  | 15.49     | 34.570 | 15.03     | 34.556 | 15.61     | 34.568 | 15.72     | 34.580 | 17.07     | 34.597 |
|                  |              | 125m  | 14.38     | 34.520 | 14.12     | 34.506 | 14.51     | 34.521 | 14.84     | 34.546 | 15.59     | 34.573 |
|                  |              | 150m  | 13.52     | 34.474 | 13.42     | 34.468 | 13.96     | 34.494 | 13.71     | 34.482 | 13.94     | 34.501 |
|                  |              | 175m  | 12.71     | 34.430 | 12.65     | 34.421 | 13.38     | 34.468 | 12.91     | 34.444 | 13.11     | 34.455 |
|                  |              | 200m  | 11.50     | 34.374 | 11.76     | 34.373 | 12.53     | 34.424 | 12.07     | 34.401 | 12.10     | 34.412 |
|                  |              | 250m  | 10.52     | 34.326 | 10.68     | 34.345 | 11.18     | 34.358 | 10.84     | 34.332 | 10.71     | 34.346 |
|                  |              | 300m  | 9.12      | 34.285 | 8.68      | 34.274 | 10.21     | 34.317 | 9.62      | 34.301 | 9.19      | 34.318 |
|                  |              | 400m  |           |        |           |        |           |        |           |        | 7.09      | 34.210 |
|                  |              | 500m  |           |        |           |        |           |        |           |        | 5.72      | 34.226 |
|                  |              | 600m  |           |        |           |        |           |        |           |        | 4.83      | 34.253 |
|                  |              | 700m  |           |        |           |        |           |        |           |        | 4.19      | 34.311 |
|                  |              | 800m  |           |        |           |        |           |        |           |        | 3.73      | 34.346 |
|                  |              | 900m  |           |        |           |        |           |        |           |        | 3.40      | 34.374 |
|                  |              | 1000m |           |        |           |        |           |        |           |        | 3.13      | 34.403 |
| D<br>O<br>(mg/l) | クロロフィル       | 0m    | 6.65      | 0.00   | 6.81      | 0.00   | 6.69      | 0.00   | 6.76      | 0.00   | 6.24      | 0.00   |
|                  |              | 10m   | 6.68      | 0.00   | 6.90      | 0.00   | 6.93      | 0.00   | 6.98      | 0.00   | 6.26      | 0.00   |
|                  |              | 20m   | 7.13      | 0.00   | 7.40      | 0.14   | 6.74      | 0.00   | 7.23      | 0.11   | 6.59      | 0.00   |
|                  |              | 30m   | 6.79      | 1.62   | 7.25      | 3.68   | 6.54      | 1.04   | 6.70      | 3.18   | 6.87      | 0.00   |
|                  |              | 50m   | 6.01      | 0.36   | 5.87      | 0.28   | 5.80      | 0.64   | 5.92      | 0.95   | 5.61      | 1.10   |
|                  |              | 75m   | 6.02      | 0.00   | 5.83      | 0.00   | 5.63      | 0.07   | 5.85      | 0.50   | 5.62      | 0.00   |
|                  |              | 100m  | 5.68      | 0.00   | 5.61      | 0.00   | 5.55      | 0.00   | 5.67      | 0.35   | 5.59      | 0.00   |
|                  |              | 125m  | 5.44      | 0.00   | 5.40      | 0.00   | 5.39      | 0.00   | 5.52      | 0.00   | 5.51      | 0.00   |
|                  |              | 150m  | 5.29      | 0.00   | 5.22      | 0.00   | 5.28      | 0.00   | 5.31      | 0.00   | 5.42      | 0.00   |
|                  |              | 175m  | 5.15      | 0.00   | 5.18      | 0.00   | 5.20      | 0.00   | 5.15      | 0.00   | 5.25      | 0.00   |
|                  |              | 200m  | 4.85      | 0.00   | 5.03      | 0.00   | 5.05      | 0.00   | 5.01      | 0.00   | 4.93      | 0.00   |
|                  |              | 250m  | 4.57      | 0.00   | 4.55      | 0.00   | 4.75      | 0.00   | 4.78      | 0.00   | 4.64      | 0.00   |
|                  |              | 300m  | 4.09      | 0.00   | 3.95      | 0.00   | 4.45      | 0.00   | 4.29      | 0.00   | 4.02      | 0.00   |
|                  |              | 400m  |           |        |           |        |           |        |           |        |           |        |
|                  |              | 500m  |           |        |           |        |           |        |           |        |           |        |
|                  |              | 600m  |           |        |           |        |           |        |           |        |           |        |
|                  |              | 700m  |           |        |           |        |           |        |           |        |           |        |
|                  |              | 800m  |           |        |           |        |           |        |           |        |           |        |
|                  |              | 900m  |           |        |           |        |           |        |           |        |           |        |
|                  |              | 1000m |           |        |           |        |           |        |           |        |           |        |

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