

| 海洋観測<br>2024年8月 |          |        | 海 洋 観 測 結 果 表<br>(紀伊水道海区) |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            | 調査機関： 徳島県立農林水産総合技術センター 水産研究所<br>調査期間： 2024/08/07,09,15<br>調査船： とくしま |        |  |  |  |  |  |  |  |  |
|-----------------|----------|--------|---------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------------------------------------------------------------------|--------|--|--|--|--|--|--|--|--|
| 観測点             | St.No.   |        | K1                        | K2         | K3         | K4         | K5         | K6         | K7         | K8         | K9         | K10        | K11        | K12        | K13        | K14        | K15        | K16        | K17        | K18        | K19        | K20        | K21                                                                 |        |  |  |  |  |  |  |  |  |
|                 | Lat.N    |        | 33 49.89'                 | 33 50.16'  | 33 50.18'  | 33 54.86'  | 33 55.19'  | 33 55.19'  | 33 55.15'  | 34 00.18'  | 34 00.11'  | 34 00.28'  | 34 00.21'  | 34 05.21'  | 34 05.20'  | 34 05.24'  | 34 05.19'  | 34 09.18'  | 34 09.19'  | 34 09.19'  | 34 09.16'  | 33 52.21'  | 34 01.91'                                                           |        |  |  |  |  |  |  |  |  |
| 観測日時            | Lon.E    |        | 134 49.76'                | 134 55.71' | 135 01.82' | 135 02.32' | 134 56.77' | 134 50.62' | 134 44.88' | 134 39.70' | 134 44.23' | 134 50.19' | 134 56.26' | 134 56.17' | 134 50.20' | 134 44.26' | 134 38.26' | 134 39.53' | 134 44.34' | 134 50.27' | 134 56.25' | 134 45.54' | 134 38.24'                                                          |        |  |  |  |  |  |  |  |  |
|                 | 観測月日     |        | 8/15                      | 8/15       | 8/15       | 8/15       | 8/15       | 8/15       | 8/15       | 8/9        | 8/9        | 8/9        | 8/9        | 8/7        | 8/7        | 8/7        | 8/7        | 8/7        | 8/7        | 8/7        | 8/7        | 8/9        | 8/7                                                                 |        |  |  |  |  |  |  |  |  |
|                 | 開始時分     |        | 10:34                     | 11:16      | 11:57      | 12:33      | 13:10      | 13:46      | 14:24      | 11:29      | 12:04      | 12:49      | 13:27      | 13:55      | 13:17      | 12:41      | 12:01      | 16:15      | 15:41      | 15:03      | 14:30      | 10:24      | 11:26                                                               |        |  |  |  |  |  |  |  |  |
|                 | 終了時分     |        | 10:48                     | 11:27      | 12:06      | 12:41      | 13:18      | 13:57      | 14:31      | 11:37      | 12:19      | 12:58      | 13:38      | 14:08      | 13:27      | 12:49      | 12:09      | 16:23      | 15:51      | 15:13      | 14:38      | 10:34      | 11:36                                                               |        |  |  |  |  |  |  |  |  |
|                 | 0 m      |        | 25.60                     | 28.33      | 28.19      | 27.83      | 28.42      | 27.34      | 27.13      | 27.93      | 26.03      | 26.98      | 27.33      | 27.65      | 26.96      | 26.29      | 25.92      | 24.32      | 24.48      | 24.60      | 26.52      | 26.54      | 27.25                                                               |        |  |  |  |  |  |  |  |  |
|                 | 5 m      |        | 25.12                     | 27.85      | 28.10      | 27.60      | 28.22      | 26.84      | 26.13      | 25.36      | 25.25      | 26.35      | 25.94      | 24.27      | 25.37      | 24.53      | 24.87      | 24.07      | 23.74      | 23.90      | 24.56      | 26.14      | 24.30                                                               |        |  |  |  |  |  |  |  |  |
|                 | 10 m     |        | 24.38                     | 27.33      | 26.19      | 26.52      | 27.06      | 26.33      | 25.62      | 24.75      | 24.40      | 24.64      | 23.43      | 23.32      | 23.88      | 23.23      | 24.34      | 23.97      | 23.39      | 23.83      | 23.25      | 25.73      | 24.09                                                               |        |  |  |  |  |  |  |  |  |
|                 | 20 m     |        | 22.43                     | 24.26      | 24.44      | 25.37      | 24.21      | 22.81      | 24.07      | 22.96      | 23.03      | 22.37      | 22.27      | 21.65      | 21.98      | 22.07      |            |            | 22.50      | 22.91      | 22.27      | 23.46      |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | 30 m     |        | 21.45                     | 23.29      | 23.23      | 24.56      | 23.12      | 21.52      | 21.13      |            | 22.09      | 20.77      | 20.87      | 20.33      | 21.25      | 21.31      |            |            |            | 22.11      | 20.91      | 22.23      |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | 50 m     |        | 19.47                     | 21.74      | 20.92      |            | 20.51      | 18.75      |            |            |            | 18.17      | 18.66      | 18.84      | 18.34      |            |            |            |            | 19.29      | 19.86      |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | 60 m     |        | 18.50                     | 20.22      |            |            | 19.40      |            |            |            |            |            | 18.17      | 18.27      |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | m        |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | m        |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | m        |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | m        |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | m        |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | m        |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | m        |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | m        |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | m        |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | m        |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | m        |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | m        |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | m        |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 |          | 0 m    |                           | 32.473     | 33.963     | 33.888     | 33.926     | 33.928     | 33.133     | 31.946     | 29.690     | 31.908     | 32.555     | 32.688     | 32.548     | 32.379     | 31.731     | 31.195     | 32.022     | 32.042     | 32.673     | 32.128     | 31.417                                                              | 31.040 |  |  |  |  |  |  |  |  |
|                 |          | 5 m    |                           | 32.620     | 33.985     | 33.890     | 33.939     | 33.928     | 33.149     | 32.096     | 31.989     | 32.090     | 32.897     | 32.760     | 32.834     | 32.567     | 31.992     | 31.949     | 32.071     | 32.304     | 32.804     | 32.801     | 31.892                                                              | 32.043 |  |  |  |  |  |  |  |  |
| 10 m            |          |        | 32.856                    | 33.996     | 33.965     | 33.991     | 33.966     | 33.207     | 32.267     | 32.057     | 32.516     | 32.841     | 33.194     | 33.121     | 33.012     | 32.525     | 32.162     | 32.117     | 32.439     | 32.917     | 33.025     | 32.093     | 32.084                                                              |        |  |  |  |  |  |  |  |  |
| 20 m            |          |        | 33.407                    | 34.223     | 34.080     | 34.082     | 34.244     | 33.428     | 32.906     | 32.673     | 32.789     | 33.388     | 33.522     | 33.739     | 33.500     | 33.217     |            |            | 32.907     | 33.160     | 33.429     | 32.783     |                                                                     |        |  |  |  |  |  |  |  |  |
| 30 m            |          |        | 33.772                    | 34.369     | 34.318     | 34.172     | 34.349     | 33.930     | 33.812     |            | 33.487     | 33.914     | 33.982     | 34.167     | 34.083     | 33.534     |            |            |            | 33.393     | 34.174     | 33.229     |                                                                     |        |  |  |  |  |  |  |  |  |
| 50 m            |          |        | 34.269                    | 34.436     | 34.460     |            | 34.550     | 34.581     |            |            |            | 34.514     | 34.537     | 34.551     | 34.504     |            |            |            |            | 34.343     | 34.532     |            |                                                                     |        |  |  |  |  |  |  |  |  |
| 60 m            |          |        | 34.455                    | 34.592     |            |            | 34.585     |            |            |            |            |            | 34.559     | 34.561     |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
| m               |          |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
| m               |          |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
| m               |          |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
| m               |          |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
| m               |          |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
| m               |          |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
| m               |          |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
| m               |          |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
| 気象・海象           | 海深 m     |        | 70.6                      | 72.4       | 59.8       | 44.4       | 72.8       | 63.1       | 42.5       | 26         | 43.1       | 59.1       | 70.2       | 68.5       | 53.3       | 35.9       | 16.2       | 18         | 25         | 53.7       | 63.8       | 45         | 20.3                                                                |        |  |  |  |  |  |  |  |  |
|                 | 水色       |        | 7                         | 5          | 6          | 5          | 5          | 7          | 7          | 9          | 7          | 7          | 7          | 7          | 7          | 7          | 9          | 7          | 8          | 7          | 7          | 7          | 8                                                                   |        |  |  |  |  |  |  |  |  |
|                 | 透明度 m    |        | 11                        | 26         | 19         | 25         | 26         | 11         | 10         | 3          | 6          | 16         | 15         | 19         | 14         | 7          | 4          | 7          | 8          | 10         | 15         | 11         | 5                                                                   |        |  |  |  |  |  |  |  |  |
|                 | 波浪       |        | 3                         | 3          | 3          | 3          | 3          | 3          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 3          | 2          | 1          | 2          | 2          | 2                                                                   |        |  |  |  |  |  |  |  |  |
|                 | うねり      |        | SE-1                      | SE-1       | SE-1       | SSE-1      | SSE-1      | SSE-1      | SE-1       | SSE-2      | SSE-2      | SSE-2      | SSE-2      | S-2        | S-2        | SSE-2      |            | SSE-2      | S-2        | S-1        | S-2        | SSE-2      |                                                                     |        |  |  |  |  |  |  |  |  |
|                 | 風向 (d)   |        | N                         | NNW        | NNW        | NNW        | NNW        | NNW        | N          | NNE        | NNE        | NNE        | NNW        | NE         | ENE        | NNW        | NNE        | NNW        | NNW        | ENE        | NE         | NNE        | NNE                                                                 |        |  |  |  |  |  |  |  |  |
|                 | 風速 (m/s) |        | 6                         | 6          | 6.4        | 5.1        | 5.6        | 5.4        | 2.9        | 4.7        | 4.5        | 2.8        | 4.5        | 2.6        | 1.9        | 5          | 6.3        | 5.1        | 5.1        | 1.1        | 2.6        | 5.3        | 5.9                                                                 |        |  |  |  |  |  |  |  |  |
|                 | 気温 ℃     |        | 28.4                      | 28.1       | 28.7       | 28.3       | 28.2       | 28.4       | 28.7       | 28         | 28.6       | 28.4       | 29.2       | 29.1       | 28.6       | 28.1       | 28.7       | 27.7       | 28.9       | 30.4       | 29.7       | 29.7       | 27.7                                                                |        |  |  |  |  |  |  |  |  |
|                 | 雲形       |        | Cu-St                     | Cu-St      | Cu-St      | Cu-St      | Cu-St      | Cu-St      | Cu-St      | Cs-Cu      | Cs-Cu      | Cs-Cu      | Cs-Cb      | Cu-Cb      | Cu-Cb      | Cs-Cu      | Cs-Cu      | Cu-St      | Cs-Cu      | Cu-Cb      | Cu-Cb      | Cs-Cu      | Cs-Cu                                                               |        |  |  |  |  |  |  |  |  |
|                 | 雲量       |        | 1                         | 1          | 1          | 1          | 1          | 1          | 2          | 3          | 4          | 4          | 4          | 1          | 1          | 1          | 2          | 4          | 3          | 2          | 1          | 2          | 3                                                                   |        |  |  |  |  |  |  |  |  |
|                 | 天気       |        | b                         | b          | b          | b          | b          | b          | b          | bc         | bc         | bc         | bc         | b          | b          | b          | b          | bc         | bc         | b          | b          | b          | bc                                                                  |        |  |  |  |  |  |  |  |  |
|                 | 気圧 hPa   |        | 1006.8                    | 1006.3     | 1005.8     | 1005.3     | 1005       | 1004.7     | 1004.5     | 1002.6     | 1002.5     | 1002.2     | 1001.8     | 1003.7     | 1004.1     | 1004.6     | 1004.6     | 1003       | 1003.1     | 1003.4     | 1003.6     | 1003       | 1004.8                                                              |        |  |  |  |  |  |  |  |  |
| 流況              | 5 m      | 流向 deg | 52.2                      | 142.2      | 305.4      | 6.5        | 355.2      | 204.5      | 52.6       | 329.2      | 226.3      | 174.3      | 81.4       | 130.3      | 199.8      | 138.8      | 98.9       | 204.3      | 153.3      | 225.6      | 201        | 350.7      | 233.7                                                               |        |  |  |  |  |  |  |  |  |
|                 |          | 流速 Kt  | 0.5                       | 0.1        | 1.3        | 0.7        | 1          | 0.1        | 0.5        | 0.1        | 0.3        | 0.9        | 0.2        | 0.1        | 1.2        | 0.3        | 0.1        | 0.6        | 0.8        | 0.8        | 0.6        | 0.4        | 0.2                                                                 |        |  |  |  |  |  |  |  |  |
|                 | 10 m     | 流向 deg | 74.9                      | 154        | 311        | 357.3      | 356.1      | 318.6      | 60         | 288.7      | 112.5      | 160.4      | 106.5      | 243.5      | 205        | 118.7      |            |            | 185.5      | 213.4      | 215.7      | 344.5      | 292.5                                                               |        |  |  |  |  |  |  |  |  |
|                 |          | 流速 Kt  | 0.4                       | 0.1        | 1.2        | 0.9        | 1.1        | 0.1        | 0.6        | 0.7        | 0.2        | 0.5        | 0.2        | 0.2        | 1.1        | 0.3        |            |            | 0.5        | 0.9        | 0.7        | 0.4        | 0.2                                                                 |        |  |  |  |  |  |  |  |  |
|                 | 40 m     | 流向 deg | 213.1                     | 254.7      | 321.6      |            | 4.5        | 297.6      |            |            |            | 55.9       | 49.8       | 293.6      |            |            |            |            |            | 197.4      | 236.8      | 83         |                                                                     |        |  |  |  |  |  |  |  |  |
|                 |          | 流速 Kt  | 0.6                       | 0.3        | 1          |            | 0.2        | 0.3        |            |            |            | 0.2        | 0.4        | 0.2        |            |            |            |            |            | 0.4        | 0.4        | 0.3        |                                                                     |        |  |  |  |  |  |  |  |  |
|                 |          |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |
|                 |          |        |                           |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |                                                                     |        |  |  |  |  |  |  |  |  |

緯度・経度は世界測地系(WGS-84)採用、無印は CTD ( ICTD/DT2000 ) による (a) STD (アレック電子AST-1000) による (b) 水温計による (c) クロロテック (アレック電子ACL220-PDR) による (??) 測器不明

緯度・経度は世界測地系(WGS-84)採用、無印は C T D ( ICTD/DT2000 ) による (a) S T D (アレック電子AST-1000) による (b) 水温計による (c) クロロテック (アレック電子ACL220-PDK) による (?) 測器不明