

茨城県 海洋観測結果 (2022年4月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| St.No.      | A-1      | A-2      | A-3      | A-4      | A-5      | A-6      | A-7      | A-8      | A-9      | O-1      | O-2      | O-3      | O-4      | O-5      | O-6      |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 緯度N         | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  |
| 経度E         | 140° 46' | 140° 52' | 140° 58' | 141° 04' | 141° 11' | 141° 20' | 141° 30' | 141° 45' | 142° 00' | 140° 38' | 140° 41' | 140° 47' | 140° 53' | 140° 59' | 141° 06' |
| 月日          | 4/12     | 4/12     | 4/12     | 4/12     | 4/12     | 4/12     | 4/12     | 4/12     | 4/12     | 4/11     | 4/12     | 4/12     | 4/12     | 4/12     | 4/12     |
| 開始          | 20:02    | 19:34    | 18:48    | 18:14    | 17:23    | 16:26    | 15:18    | 13:59    | 12:34    | 8:53     | 22:00    | 21:26    | 3:58     | 4:30     | 5:20     |
| 終了          | 20:12    | 19:38    | 19:02    | 18:25    | 17:47    | 16:51    | 15:51    | 14:28    | 13:06    | 8:56     | 22:04    | 21:37    | 4:08     | 4:55     | 5:41     |
| 風向          | SSW      | S        | SSW      | S        | SSW      | SSW      | SSW      | SSW      | SSW      | SSE      | S        | S        | SSW      | S        | SSW      |
| 風力          | 4        | 4        | 4        | 4        | 4        | 5        | 5        | 4        | 4        | 3        | 3        | 3        | 4        | 4        | 4        |
| 天気          | B        | B        | B        | B        | B        | B        | B        | B        | B        | C        | B        | B        | C        | C        | BC       |
| 気圧          | 1012.0   | 1011.6   | 1011.5   | 1011.2   | 1011     | 1011.4   | 1011.5   | 1011.9   | 1013.3   | 1019.7   | 1012.1   | 1011.7   | 1014.4   | 1014.2   | 1014.3   |
| 気温          | 13.2     | 16.9     | 17.6     | 17.6     | 19.0     | 19.4     | 19.6     | 18.6     | 18.4     | 15.1     | 12.8     | 15.6     | 17.0     | 17.1     | 17.2     |
| 風浪          |          |          |          |          | 3        | 3        | 3        | 3        | 3        | 1        |          |          |          |          | 3        |
| うねり         |          |          |          |          | SSW3     | S3       | S4       | S3       | S3       | SE1      |          |          |          |          | SE3      |
| 水色          |          |          |          |          | 3        | 3        | 2        | 3        | 3        | 6        |          |          |          |          |          |
| 透明度         |          |          |          |          | 8        | 9        | 6        | 9        | 12       | 4        |          |          |          |          |          |
| 水深          | 56       | 103      | 134      | 310      | 517      | 710      | 960      |          |          | 18       | 28       | 76       | 176      | 493      | 699      |
| 流向(10m)     | 283      | 12       | 323      | 318      | 298      | 259      | 235      | 252      | 279      | 26       | 283      | 355      | 325      | 6        | 216      |
| 流速(10m)     | 1.2      | 0.9      | 0.8      | 0.3      | 0.4      | 0.8      | 1.5      | 1.4      | 1.2      | 0.2      | 1.1      | 0.5      | 1.0      | 0.7      | 0.4      |
| 流向(50m)     |          | 29       | 14       | 300      | 270      | 257      | 236      | 260      | 273      |          |          | 8        | 294      | 337      | 250      |
| 流速(50m)     |          | 0.6      | 0.6      | 0.3      | 0.4      | 0.7      | 1.2      | 1.3      | 1.1      |          | 0.9      |          | 1.3      | 1.0      | 0.4      |
| 流向(100m)    |          |          | 159      | 174      | 240      | 224      | 228      | 256      | 298      |          |          |          | 335      | 358      | 281      |
| 流速(100m)    |          |          | 0.3      | 0.4      | 0.5      | 0.6      | 1.1      | 1.3      | 1.0      |          |          |          | 0.2      | 0.8      | 0.3      |
| 水温 0m       | 13.3     | 17.0     | 17.6     | 17.6     | 19.0     | 19.4     | 19.7     | 18.5     | 18.5     | 12.4     | 12.8     | 15.6     | 17.2     | 17.3     | 17.2     |
| 10m         | 13.1     | 16.8     | 17.4     | 17.5     | 19.0     | 19.4     | 19.6     | 18.3     | 18.4     | 11.7     | 12.8     | 16.2     | 17.1     | 17.2     | 17.0     |
| 20m         | 10.8     | 16.8     | 17.1     | 17.2     | 18.5     | 19.3     | 19.5     | 17.8     | 18.2     |          | 13.0     | 16.1     | 16.7     | 17.2     | 17.0     |
| 30m         | 10.9     | 16.9     | 17.0     | 17.2     | 17.8     | 19.2     | 19.1     | 17.8     | 18.1     |          |          | 16.0     | 16.5     | 17.1     | 17.0     |
| 50m         | 11.9     | 15.4     | 16.8     | 17.1     | 17.0     | 18.4     | 17.5     | 17.6     | 18.0     |          |          | 14.5     | 15.5     | 16.9     | 17.0     |
| 75m         |          | 14.4     | 15.8     | 15.8     | 16.6     | 17.6     | 16.8     | 17.1     | 16.8     |          |          |          | 14.4     | 15.8     | 16.2     |
| 100m        |          |          | 13.9     | 15.4     | 15.9     | 16.1     | 16.2     | 16.4     | 16.6     |          |          |          | 13.2     | 15.0     | 15.5     |
| 125m        |          |          |          | 14.4     | 15.2     | 15.3     | 15.4     | 15.7     | 16.2     |          |          |          | 11.9     | 13.8     | 13.9     |
| 150m        |          |          |          | 13.1     | 13.7     | 14.2     | 14.7     | 14.7     | 15.5     |          |          |          | 11.2     | 12.9     | 13.2     |
| 175m        |          |          |          | 12.5     | 12.9     | 13.3     | 14.1     | 14.0     | 14.8     |          |          |          |          | 12.1     | 12.4     |
| 200m        |          |          |          | 11.5     | 11.8     | 12.5     | 13.1     | 12.6     | 13.1     |          |          |          |          | 11.5     | 11.2     |
| 250m        |          |          |          | 9.9      | 10.2     | 10.7     | 11.0     | 10.9     | 10.5     |          |          |          |          | 10.4     | 8.6      |
| 300m        |          |          |          |          | 7.1      | 8.2      | 8.6      | 9.5      | 9.5      |          |          |          |          | 8.8      | 4.5      |
| 400m        |          |          |          |          | 3.8      | 4.8      | 3.5      | 6.8      | 5.7      |          |          |          |          | 3.1      | 4.3      |
| 500m        |          |          |          |          |          | 3.0      | 3.2      | 5.0      | 5.5      |          |          |          |          |          | 3.0      |
| 600m        |          |          |          |          |          | 3.4      | 4.2      | 4.5      | 4.9      |          |          |          |          |          | 3.5      |
| 700m        |          |          |          |          |          |          | 4.2      | 3.9      | 4.0      |          |          |          |          |          |          |
| 800m        |          |          |          |          |          |          | 3.2      | 3.6      | 3.6      |          |          |          |          |          |          |
| 900m        |          |          |          |          |          |          | 3.0      | 3.2      | 3.3      |          |          |          |          |          |          |
| 1000m       |          |          |          |          |          |          |          | 3.0      | 3.1      |          |          |          |          |          |          |
| 塩分0m        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 10m         | 33.66    | 34.44    | 34.66    | 34.69    | 34.68    | 34.65    | 34.63    | 34.62    | 34.62    | 33.92    | 34.14    | 34.38    | 34.60    | 34.66    | 34.67    |
| 20m         | 33.60    | 34.47    | 34.70    | 34.69    | 34.67    | 34.64    | 34.63    | 34.62    | 34.62    |          | 34.22    | 34.54    | 34.62    | 34.67    | 34.67    |
| 30m         | 33.79    | 34.55    | 34.70    | 34.68    | 34.70    | 34.64    | 34.68    | 34.62    | 34.62    |          |          | 34.62    | 34.64    | 34.69    | 34.67    |
| 50m         | 34.25    | 34.60    | 34.68    | 34.69    | 34.61    | 34.66    | 34.67    | 34.62    | 34.62    |          |          | 34.53    | 34.61    | 34.69    | 34.67    |
| 75m         |          |          | 34.63    | 34.60    | 34.62    | 34.70    | 34.68    | 34.62    | 34.62    |          |          |          | 34.52    | 34.63    | 34.63    |
| 100m        |          |          | 34.49    | 34.59    | 34.58    | 34.64    | 34.64    | 34.58    | 34.62    |          |          |          | 34.43    | 34.57    | 34.58    |
| 125m        |          |          |          | 34.53    | 34.49    | 34.59    | 34.57    | 34.58    | 34.60    |          |          |          | 34.30    | 34.47    | 34.49    |
| 150m        |          |          |          | 34.42    | 34.47    | 34.50    | 34.54    | 34.52    | 34.56    |          |          |          | 34.32    | 34.39    | 34.44    |
| 175m        |          |          |          | 34.37    | 34.42    | 34.45    | 34.51    | 34.49    | 34.51    |          |          |          |          | 34.31    | 34.35    |
| 200m        |          |          |          | 34.35    | 34.29    | 34.41    | 34.44    | 34.39    | 34.44    |          |          |          |          | 34.28    | 34.23    |
| 250m        |          |          |          | 34.19    | 34.22    | 34.28    | 34.34    | 34.32    | 34.17    |          |          |          |          | 34.28    | 34.05    |
| 300m        |          |          |          |          | 33.82    | 34.11    | 34.13    | 34.28    | 34.19    |          |          |          |          | 34.20    | 33.56    |
| 400m        |          |          |          |          | 33.61    | 33.79    | 33.58    | 34.11    | 33.93    |          |          |          |          | 33.54    | 33.73    |
| 500m        |          |          |          |          |          | 33.67    | 33.76    | 34.07    | 34.17    |          |          |          |          |          | 33.72    |
| 600m        |          |          |          |          |          | 33.88    | 34.07    | 34.16    | 34.23    |          |          |          |          |          | 33.96    |
| 700m        |          |          |          |          |          |          | 34.23    | 34.23    | 34.24    |          |          |          |          |          |          |
| 800m        |          |          |          |          |          |          | 34.20    | 34.31    | 34.30    |          |          |          |          |          |          |
| 900m        |          |          |          |          |          |          | 34.29    | 34.32    | 34.34    |          |          |          |          |          |          |
| 1000m       |          |          |          |          |          |          |          | 34.37    | 34.38    |          |          |          |          |          |          |
| 底水温測定水深(m)  | 51       | 82       | 113      | 295      | 493      | 682      | 964      | 1003     |          | 19       | 24       | 66       | 161      | 482      | 678      |
| 底水温(°C)     | 11.9     | 13.5     | 13.5     | 5.8      | 3.6      | 3.8      | 3.0      | 3.0      |          | 10.9     | 13.0     | 12.0     | 10.9     | 3.3      | 3.6      |
| ノルバックネット    | 19       |          | 18       |          | 17       |          | 16       |          | 15       |          | 20       |          | 10       |          |          |
| ワイヤー長       | 50       |          | 120      |          | 150      |          | 150      |          | 150      |          | 66       |          | 150      |          |          |
| 傾角          | 16       |          | 7        |          | 22       |          | 7        |          | 8        |          | 10       |          | 41       |          |          |
| 回転数         | 475      |          | 1140     |          | 1421     |          | 1288     |          | 1482     |          | 624      |          | 1560     |          |          |
| ノルバックネット瓶番号 | 19       |          | 18       |          | 17       |          | 16       |          | 15       |          | 20       |          | 10       |          |          |

茨城県 海洋観測結果(2022年4月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| O-7      | O-8      | O-9      | O-10     | K-1      | K-2      | K-3      | K-4      | K-5      | K-6      | I-1      | I-2      | I-3      | I-4      | I-5      |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  |
| 141° 15' | 141° 30' | 141° 45' | 142° 00' | 140° 45' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' |
| 4/12     | 4/12     | 4/12     | 4/12     | 4/11     | 4/12     | 4/12     | 4/11     | 4/11     | 4/11     | 4/11     | 4/11     | 4/11     | 4/11     | 4/11     |
| 6:20     | 7:50     | 9:28     | 11:02    | 10:41    | 2:06     | 0:30     | 22:50    | 21:15    | 19:40    | 12:36    | 13:46    | 15:03    | 16:30    | 17:48    |
| 6:52     | 8:25     | 9:57     | 11:35    | 10:52    | 2:26     | 1:00     | 23:25    | 21:45    | 21:10    | 12:47    | 14:03    | 15:35    | 17:00    | 18:23    |
| SW       | SSW      | SSW      | SSW      | SSE      | SSW      | SSE      | SSW      | SSW      | SSW      | S        | S        | SSE      | S        | S        |
| 5        | 5        | 4        | 4        | 3        | 4        | 5        | 5        | 4        | 4        | 4        | 4        | 4        | 4        | 4        |
| BC       | BC       | BC       | B        | C        | C        | C        | C        | C        | BC       | C        | C        | BC       | BC       | BC       |
| 1014.7   | 1014.8   | 1014.7   | 1014.2   | 1019.6   | 1015.4   | 1016.1   | 1016.7   | 1017.7   | 1018.2   | 1018.7   | 1018.2   | 1017.8   | 1017.7   | 1018.2   |
| 17.8     | 18.6     | 17.8     | 18.0     | 16.8     | 17.2     | 17.9     | 18.0     | 18.2     | 18.8     | 17.3     | 17.2     | 17.1     | 18.2     | 18.5     |
| 3        | 3        | 3        | 3        | 2        |          |          |          |          |          | 3        | 3        | 3        | 2        | 2        |
| S3       | S3       | S3       | S3       | E1       |          |          |          |          |          | ESE1     | S1       | SSE3     | S3       | S3       |
| 4        | 4        | 2        | 2        | 4        |          |          |          |          |          | 6        | 3        | 3        | 3        |          |
| 8        | 8        | 13       | 16       | 3        |          |          |          |          |          | 4        | 6.5      | 5.8      | 10       |          |
| 980      |          |          |          | 34       | 229      | 829      |          |          |          | 77       | 222      |          |          |          |
| 281      | 227      | 245      | 327      | 327      | 289      | 168      | 161      | 82       | 29       | 54       | 290      | 203      | 48       | 47       |
| 0.7      | 1.0      | 1.4      | 1.7      | 0.5      | 0.5      | 1.2      | 1.9      | 1.4      | 1.1      | 0.3      | 0.3      | 0.7      | 2.6      | 1.9      |
| 284      | 229      | 247      | 328      |          | 259      | 173      | 171      | 82       | 43       | 243      | 245      | 143      | 48       | 47       |
| 0.5      | 0.9      | 1.4      | 1.7      |          | 0.6      | 0.7      | 1.5      | 1.2      | 1.1      | 0.1      | 0.1      | 0.6      | 1.8      | 1.7      |
| 274      | 242      | 254      | 333      |          | 229      | 190      | 175      | 95       | 22       |          | 174      | 124      | 52       | 52       |
| 0.6      | 0.9      | 1.1      | 1.5      |          | 0.3      | 0.8      | 1.3      | 1.2      | 1.1      |          | 0.2      | 0.3      | 1.8      | 1.9      |
| 17.5     | 18.7     | 17.8     | 18.0     | 15.0     | 17.2     | 17.7     | 17.9     | 17.6     | 17.9     | 13.9     | 16.9     | 17.1     | 18.1     | 18.5     |
| 17.3     | 18.7     | 17.7     | 17.9     | 12.8     | 17.0     | 17.7     | 17.9     | 17.5     | 17.9     | 14.1     | 16.5     | 16.6     | 17.6     | 19.1     |
| 17.3     | 17.3     | 17.5     | 17.7     | 13.4     | 16.9     | 17.7     | 17.8     | 16.9     | 17.2     | 12.5     | 15.8     | 16.0     | 17.2     | 17.9     |
| 16.8     | 17.1     | 16.2     | 17.2     |          | 16.6     | 17.3     | 17.5     | 16.1     | 16.9     | 11.4     | 15.2     | 15.6     | 17.2     | 17.7     |
| 16.4     | 16.8     | 15.6     | 16.8     |          | 15.9     | 16.7     | 15.8     | 14.9     | 16.7     | 10.0     | 14.8     | 14.1     | 16.9     | 17.3     |
| 15.4     | 16.2     | 14.4     | 16.1     |          | 14.2     | 15.4     | 15.2     | 14.1     | 16.2     |          | 13.7     | 13.0     | 16.2     | 17.0     |
| 14.3     | 15.5     | 13.5     | 15.0     |          | 13.6     | 14.7     | 14.1     | 13.1     | 15.3     |          | 12.2     | 11.3     | 15.6     | 16.7     |
| 12.8     | 14.3     | 11.8     | 14.1     |          | 12.5     | 13.9     | 13.0     | 11.8     | 13.8     |          | 11.4     | 11.8     | 15.4     | 16.0     |
| 12.2     | 13.1     | 10.3     | 12.7     |          | 11.8     | 12.8     | 11.4     | 9.9      | 12.7     |          | 11.0     | 11.0     | 14.2     | 15.0     |
| 11.5     | 11.8     | 8.9      | 10.9     |          | 10.5     | 11.7     | 10.0     | 7.6      | 12.0     |          | 10.6     | 10.5     | 12.5     | 14.0     |
| 10.3     | 10.9     | 9.0      | 8.5      |          | 8.9      | 11.0     | 7.6      | 6.3      | 11.2     |          | 8.9      | 10.2     | 10.3     | 13.1     |
| 5.4      | 9.4      | 7.6      | 7.8      |          |          | 9.0      | 9.1      | 7.9      | 9.3      |          |          | 8.3      | 5.8      | 11.6     |
| 4.4      | 4.4      | 6.5      | 8.0      |          |          | 7.6      | 7.7      | 7.4      | 7.3      |          |          | 7.9      | 7.3      | 9.1      |
| 5.5      | 6.9      | 5.8      | 5.4      |          |          | 5.4      | 5.8      | 5.1      | 5.1      |          |          | 6.0      | 7.1      | 4.4      |
| 3.1      | 4.8      | 4.7      | 4.5      |          |          | 5.3      | 4.6      | 4.4      | 4.4      |          |          | 4.9      | 5.4      | 3.0      |
| 3.5      | 4.4      | 4.1      | 4.4      |          |          | 4.2      | 4.2      | 4.0      | 4.1      |          |          | 3.3      | 4.5      | 4.6      |
| 3.6      | 3.6      | 3.7      | 3.8      |          |          | 3.7      | 3.7      | 3.7      | 3.9      |          |          | 3.4      | 3.7      | 4.3      |
| 3.4      | 3.4      | 3.5      | 3.5      |          |          | 3.3      | 3.4      | 3.6      | 3.4      |          |          | 3.4      | 3.2      | 3.7      |
| 3.2      | 3.1      | 3.3      | 3.2      |          |          |          | 3.2      | 3.2      | 3.3      |          |          | 3.4      | 3.3      | 3.3      |
|          | 2.9      | 3.1      | 3.1      |          |          |          | 3.0      | 3.0      | 3.1      |          |          | 3.3      | 3.1      | 3.2      |
|          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 34.59    | 34.67    | 34.57    | 34.60    | 33.50    | 34.66    | 34.62    | 34.60    | 34.58    | 34.61    | 34.27    | 34.62    | 34.60    | 34.61    | 34.61    |
| 34.59    | 34.61    | 34.54    | 34.60    | 34.33    | 34.64    | 34.63    | 34.60    | 34.55    | 34.60    | 34.13    | 34.58    | 34.52    | 34.60    | 34.62    |
| 34.58    | 34.62    | 34.55    | 34.62    |          | 34.63    | 34.62    | 34.58    | 34.50    | 34.61    | 34.00    | 34.59    | 34.52    | 34.61    | 34.61    |
| 34.58    | 34.62    | 34.55    | 34.64    |          | 34.62    | 34.69    | 34.52    | 34.50    | 34.62    | 33.91    | 34.56    | 34.45    | 34.61    | 34.61    |
| 34.53    | 34.61    | 34.50    | 34.62    |          | 34.52    | 34.53    | 34.48    | 34.49    | 34.61    |          | 34.48    | 34.42    | 34.60    | 34.64    |
| 34.46    | 34.56    | 34.44    | 34.54    |          | 34.47    | 34.51    | 34.48    | 34.44    | 34.56    |          | 34.32    | 34.10    | 34.55    | 34.64    |
| 34.37    | 34.44    | 34.31    | 34.49    |          | 34.39    | 34.48    | 34.39    | 34.32    | 34.46    |          | 34.29    | 34.35    | 34.54    | 34.59    |
| 34.38    | 34.40    | 34.06    | 34.42    |          | 34.28    | 34.41    | 34.26    | 34.09    | 34.41    |          | 34.30    | 34.26    | 34.48    | 34.56    |
| 34.36    | 34.36    | 34.05    | 34.23    |          | 34.30    | 34.34    | 34.13    | 33.76    | 34.39    |          | 34.28    | 34.27    | 34.41    | 34.49    |
| 34.21    | 34.32    | 34.14    | 33.90    |          | 34.03    | 34.34    | 33.75    | 33.60    | 34.35    |          | 34.03    | 34.26    | 34.19    | 34.44    |
| 33.59    | 34.25    | 34.06    | 33.91    |          |          | 34.16    | 34.26    | 34.16    | 34.22    |          |          | 34.04    | 33.51    | 34.37    |
| 33.48    | 33.49    | 34.02    | 34.20    |          |          | 34.07    | 34.18    | 34.23    | 34.07    |          |          | 34.18    | 33.83    | 34.14    |
| 34.11    | 34.21    | 34.17    | 34.04    |          |          | 34.02    | 34.16    | 34.09    | 33.93    |          |          | 34.10    | 34.15    | 33.69    |
| 33.80    | 34.09    | 34.19    | 34.10    |          |          | 34.11    | 34.13    | 34.15    | 34.09    |          |          | 34.11    | 34.07    | 33.65    |
| 33.94    | 34.21    | 34.24    | 34.24    |          |          | 34.11    | 34.22    | 34.23    | 34.21    |          |          | 34.01    | 34.14    | 34.08    |
| 34.14    | 34.21    | 34.28    | 34.28    |          |          | 34.20    | 34.25    | 34.29    | 34.27    |          |          | 34.11    | 34.16    | 34.22    |
| 34.21    | 34.31    | 34.35    | 34.32    |          |          | 34.25    | 34.28    | 34.34    | 34.33    |          |          | 34.19    | 34.18    | 34.28    |
| 34.30    | 34.34    | 34.39    | 34.35    |          |          |          | 34.33    | 34.36    | 34.38    |          |          | 34.26    | 34.29    | 34.32    |
|          | 34.37    | 34.40    | 34.41    |          |          |          | 34.37    | 34.41    | 34.40    |          |          | 34.34    | 34.34    | 34.37    |
| 943      | 1002     | 1001     | 1001     | 26       | 212      | 812      | 1001     | 1001     | 1002     | 72       | 201      | 1002     | 1004     | 1002     |
| 3.2      | 2.9      | 3.1      | 3.1      | 13.4     | 8.6      | 3.3      | 3.0      | 3.0      | 3.1      | 8.5      | 8.9      | 3.3      | 3.1      | 3.2      |
| 11       | 12       | 13       | 14       | 1        | 9        | 8        | 7        |          | 6        | 2        | 3        | 4        |          | 5        |
| 150      | 150      | 150      | 150      | 25       | 150      | 150      | 150      |          | 150      | 70       | 150      | 150      |          | 150      |
| 12       | 13       | 19       | 12       | 10       | 32       | 50       | 14       |          | 17       | 28       | 10       | 15       |          | 13       |
| 1360     | 1515     | 1492     | 1448     | 258      | 1812     | 1550     | 1518     |          | 1385     | 721      | 1670     | 1380     |          | 1500     |
| 11       | 12       | 10       | 14       | 1        | 9        | 8        | 7        |          | 6        | 2        | 3        | 4        |          | 5        |

茨城県 海洋観測結果 (2022年5月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| St.No.     | A-1      | A-2      | A-3      | A-4      | A-5      | A-6      | A-7      | A-8      | A-9      | O-1      | O-2      | O-3      | O-4      | O-5      | O-6      |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 緯度N        | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  |
| 経度E        | 140° 46' | 140° 52' | 140° 58' | 141° 04' | 141° 11' | 141° 20' | 141° 30' | 141° 45' | 142° 00' | 140° 38' | 140° 41' | 140° 47' | 140° 53' | 140° 59' | 141° 06' |
| 月日         | 5/11     | 5/11     | 5/11     | 5/11     | 5/11     | 5/11     | 5/11     | 5/11     | 5/11     | 5/10     | 5/10     | 5/10     | 5/10     | 5/10     | 5/11     |
| 開始         | 15:18    | 14:50    | 14:17    | 13:46    | 12:59    | 12:09    | 11:01    | 9:30     | 8:08     | 21:08    | 21:30    | 22:05    | 22:47    | 23:25    | 0:23     |
| 終了         | 15:28    | 14:56    | 14:30    | 13:55    | 13:21    | 12:32    | 11:38    | 10:15    | 8:41     | 21:14    | 21:35    | 22:18    | 22:58    | 23:52    | 0:44     |
| 風向         | ESE      | ESE      | E        | E        | NE       | NE       | N        | NNW      | NNW      | NE       | N        | NE       | N        | N        | N        |
| 風力         | 2        | 1        | 2        | 2        | 2        | 2        | 3        | 2        | 3        | 4        | 4        | 4        | 4        | 4        | 4        |
| 天気         | C        | C        | C        | C        | C        | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       |
| 気圧         | 1018.6   | 1019     | 1019     | 1019.5   | 1019.9   | 1019.9   | 1020.2   | 1020.1   | 1019.9   | 1020.8   | 1020.7   | 1020.7   | 1020.6   | 1020.1   | 1019.9   |
| 気温         | 18.2     | 18.4     | 18.1     | 17.9     | 17.3     | 21.2     | 21.4     | 21.1     | 18       | 16       | 15.9     | 16.3     | 16.1     | 16.1     | 15.8     |
| 風浪         | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 2        | 1        |          |          |          |          |          |          |
| うねり        | NE2      | NE2      | NNE1     | NNE1     | NNE2     | N2       | N2       | N2       | N2       |          |          |          |          |          |          |
| 水色         | 4        | 4        | 3        | 3        | 2        | 2        | 2        | 3        | 3        |          |          |          |          |          |          |
| 透明度        | 9        | 8        | 8        | 7        | 10       | 12       | 9        | 9        | 7        |          |          |          |          |          |          |
| 水深         | 56       | 102      | 133      | 313      | 519      | 723      | 988      |          |          | 23       | 30       | 78       | 175      | 490      | 693      |
| 流向(10m)    | 22       | 20       | 201      | 220      | 280      | 275      | 257      | 244      | 302      | 92       | 90       | 7        | 25       | 96       | 162      |
| 流速(10m)    | 0.6      | 0.4      | 0.3      | 0.6      | 0.6      | 1.0      | 1.8      | 2.0      | 1.9      | 0.4      | 2.4      | 1.1      | 0.8      | 0.8      | 0.2      |
| 流向(50m)    |          | 64       | 178      | 198      | 252      | 262      | 243      | 243      | 311      |          |          | 85       | 354      | 311      | 213      |
| 流速(50m)    |          | 0.4      | 0.3      | 0.8      | 0.5      | 0.9      | 1.5      | 1.8      | 1.4      |          |          | 5.7      | 0.5      | 0.0      | 0.3      |
| 流向(100m)   |          |          | 182      | 204      | 264      | 234      | 233      | 245      | 308      |          |          |          | 66       | 222      | 207      |
| 流速(100m)   |          |          | 0.5      | 0.8      | 0.6      | 0.9      | 1.4      | 1.3      | 1.4      |          |          |          | 1.3      | 0.0      | 0.3      |
| 水温 0m      | 17.7     | 17.5     | 18.9     | 19.4     | 20.7     | 21.2     | 21.4     | 21.1     | 17.4     | 16.5     | 16.6     | 17.6     | 17.4     | 17.7     | 18.4     |
| 10m        | 17.4     | 17.2     | 17.6     | 19.0     | 19.4     | 21.0     | 21.3     | 21.1     | 17.2     | 16.5     | 16.6     | 17.6     | 17.3     | 17.7     | 18.2     |
| 20m        | 17.1     | 17.2     | 17.2     | 18.1     | 18.0     | 18.3     | 21.0     | 19.2     | 17.1     |          | 16.4     | 17.5     | 17.2     | 17.5     | 17.7     |
| 30m        | 16.1     | 16.8     | 16.9     | 16.6     | 17.4     | 17.1     | 18.5     | 17.5     | 16.9     |          |          | 17.3     | 17.1     | 17.1     | 17.3     |
| 50m        | 13.3     | 15.8     | 15.1     | 15.8     | 15.5     | 16.4     | 16.6     | 16.0     | 15.9     |          |          | 15.8     | 15.2     | 16.2     | 16.6     |
| 75m        |          | 12.4     | 14.1     | 14.3     | 14.6     | 15.3     | 15.7     | 14.9     | 14.8     |          |          |          | 14.2     | 14.8     | 14.8     |
| 100m       |          |          | 12.1     | 13.2     | 14.0     | 13.5     | 15.3     | 14.5     | 14.2     |          |          |          | 12.3     | 13.5     | 13.9     |
| 125m       |          |          |          | 11.5     | 13.1     | 13.0     | 14.3     | 13.5     | 13.4     |          |          |          | 10.8     | 12.0     | 13.1     |
| 150m       |          |          |          | 10.3     | 12.0     | 12.9     | 13.5     | 12.8     | 12.2     |          |          |          | 7.7      | 11.0     | 12.1     |
| 175m       |          |          |          | 7.8      | 11.3     | 12.7     | 12.6     | 11.3     | 11.4     |          |          |          |          | 9.6      | 9.8      |
| 200m       |          |          |          | 6.9      | 10.4     | 11.8     | 12.1     | 10.5     | 10.8     |          |          |          |          | 7.6      | 6.8      |
| 250m       |          |          |          | 6.1      | 9.3      | 10.3     | 10.2     | 9.1      | 9.7      |          |          |          |          | 8.5      | 5.3      |
| 300m       |          |          |          |          | 8.0      | 8.3      | 8.2      | 7.8      | 8.2      |          |          |          |          | 6.6      | 6.2      |
| 400m       |          |          |          |          | 3.6      | 6.0      | 5.7      | 5.9      | 6.1      |          |          |          |          | 3.8      | 4.7      |
| 500m       |          |          |          |          | 3.5      | 4.9      | 4.7      | 4.3      | 5.0      |          |          |          |          |          | 3.6      |
| 600m       |          |          |          |          |          | 4.1      | 4.0      | 3.9      | 4.1      |          |          |          |          |          | 3.7      |
| 700m       |          |          |          |          |          |          | 3.8      | 3.8      | 3.9      |          |          |          |          |          |          |
| 800m       |          |          |          |          |          |          | 3.5      | 3.5      | 3.2      |          |          |          |          |          |          |
| 900m       |          |          |          |          |          |          | 3.3      | 3.2      | 3.1      |          |          |          |          |          |          |
| 1000m      |          |          |          |          |          |          |          | 3.1      | 3.0      |          |          |          |          |          |          |
| 塩分0m       |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 10m        | 34.52    | 34.56    | 34.55    | 34.45    | 34.45    | 34.61    | 34.61    | 34.57    | 34.43    | 34.19    | 34.29    | 34.51    | 34.57    | 34.55    | 34.51    |
| 20m        | 34.48    | 34.56    | 34.56    | 34.52    | 34.54    | 34.46    | 34.61    | 34.46    | 34.47    |          | 34.27    | 34.51    | 34.57    | 34.55    | 34.53    |
| 30m        | 34.39    | 34.55    | 34.55    | 34.56    | 34.51    | 34.55    | 34.47    | 34.43    | 34.51    |          |          | 34.51    | 34.57    | 34.57    | 34.56    |
| 50m        | 34.34    | 34.54    | 34.52    | 34.55    | 34.51    | 34.58    | 34.60    | 34.54    | 34.50    |          |          | 34.47    | 34.54    | 34.56    | 34.56    |
| 75m        |          | 34.34    | 34.50    | 34.49    | 34.52    | 34.53    | 34.54    | 34.51    | 34.51    |          |          |          | 34.50    | 34.52    | 34.52    |
| 100m       |          |          | 34.35    | 34.44    | 34.48    | 34.45    | 34.53    | 34.50    | 34.48    |          |          |          | 34.38    | 34.46    | 34.48    |
| 125m       |          |          |          | 34.29    | 34.43    | 34.44    | 34.49    | 34.45    | 34.43    |          |          |          | 34.24    | 34.34    | 34.44    |
| 150m       |          |          |          | 34.18    | 34.38    | 34.44    | 34.45    | 34.42    | 34.37    |          |          |          | 33.78    | 34.26    | 34.35    |
| 175m       |          |          |          | 33.79    | 34.35    | 34.42    | 34.42    | 34.35    | 34.32    |          |          |          |          | 34.07    | 34.11    |
| 200m       |          |          |          | 33.69    | 34.27    | 34.37    | 34.39    | 34.31    | 34.33    |          |          |          |          | 33.81    | 33.65    |
| 250m       |          |          |          | 33.68    | 34.20    | 34.31    | 34.30    | 34.26    | 34.29    |          |          |          |          | 34.09    | 33.55    |
| 300m       |          |          |          |          | 34.15    | 34.12    | 34.24    | 34.25    | 34.25    |          |          |          |          | 33.86    | 33.89    |
| 400m       |          |          |          |          | 33.72    | 34.07    | 34.05    | 34.21    | 34.19    |          |          |          |          | 33.63    | 33.87    |
| 500m       |          |          |          |          | 33.78    | 34.11    | 34.11    | 34.11    | 34.19    |          |          |          |          |          | 33.88    |
| 600m       |          |          |          |          |          | 34.11    | 34.15    | 34.17    | 34.18    |          |          |          |          |          | 34.02    |
| 700m       |          |          |          |          |          |          | 34.26    | 34.27    | 34.27    |          |          |          |          |          |          |
| 800m       |          |          |          |          |          |          | 34.32    | 34.32    | 34.28    |          |          |          |          |          |          |
| 900m       |          |          |          |          |          |          | 34.34    | 34.36    | 34.34    |          |          |          |          |          |          |
| 1000m      |          |          |          |          |          |          |          | 34.40    | 34.38    |          |          |          |          |          |          |
| 底水温測定水深(m) | 51       | 92       | 120      | 291      | 501      | 691      | 933      | 1003     |          | 18       | 27       | 71       | 167      | 472      | 661      |
| 底水温(°C)    | 12.9     | 11.6     | 11.0     | 5.7      | 3.5      | 3.8      | 3.1      | 3.0      |          | 16.5     | 15.1     | 11.5     | 6.7      | 3.5      | 3.6      |
| ルバックネット    | 11       |          | 10       |          | 9        |          | 8        |          | 7        |          | 1        |          | 2        |          |          |
| ワイヤー長      | 50       |          | 120      |          | 150      |          | 150      |          | 150      |          | 70       |          | 150      |          |          |
| 傾角         | 3        |          | 39       |          | 1        |          | 15       |          | 4        |          | 12       |          | 10       |          |          |
| 回転数        | 480      |          | 1027     |          | 1345     |          | 1320     |          | 1270     |          | 640      |          | 1365     |          |          |
| ルバックネット瓶番号 | 11       |          | 10       |          | 9        |          | 8        |          | 7        |          | 1        |          | 2        |          |          |

茨城県 海洋観測結果(2022年5月)

調査船: I-1ばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| O-7      | O-8      | O-9      | O-10     | K-1      | K-2      | K-3      | K-4      | K-5      | K-6      | I-1      | I-2      | I-3      | I-4      | I-5      |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  |
| 141° 15' | 141° 30' | 141° 45' | 142° 00' | 140° 45' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' |
| 5/11     | 5/11     | 5/11     | 5/11     | 5/11     | 5/11     | 5/12     | 5/12     | 5/12     | 5/12     | 5/11     | 5/11     | 5/11     | 5/12     | 5/12     |
| 1:28     | 3:06     | 4:45     | 6:21     | 18:06    | 19:13    | 8:34     | 7:09     | 5:23     | 3:42     | 20:56    | 22:10    | 23:16    | 0:37     | 2:02     |
| 1:59     | 3:40     | 5:19     | 6:56     | 18:17    | 19:34    | 9:03     | 7:34     | 6:02     | 4:10     | 21:12    | 22:22    | 23:42    | 1:09     | 2:28     |
| N        | N        | N        | NNW      | SE       | ESE      | SW       | S        | SE       | S        | S        | S        | SSE      | S        | S        |
| 4        | 4        | 4        | 3        | 2        | 2        | 3        | 4        | 2        | 3        | 3        | 3        | 3        | 2        | 3        |
| BC       | BC       | BC       | BC       | BC       | BC       | R        | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       |
| 1019.3   | 1018.9   | 1019     | 1019.7   | 1018.6   | 1019.4   | 1018.7   | 1018.3   | 1018.6   | 1018.2   | 1019.6   | 1019.3   | 1019.2   | 1018.4   | 1018.2   |
| 16.3     | 17.1     | 17.6     | 18.0     | 18.5     | 18.4     | 21.2     | 21.3     | 20.1     | 19.8     | 18.7     | 20.4     | 20.1     | 19.9     | 19.7     |
|          |          | 1        | 1        | 1        |          | 2        | 2        | 1        |          |          |          |          |          |          |
|          |          | N2       | N2       | E1       |          | SSE1     | SE1      | SE1      |          |          |          |          |          |          |
|          |          | 4        | 4        | 5        |          | 3        | 3        | 3        |          |          |          |          |          |          |
|          |          | 9        | 8        | 6        |          | 5        | 4        | 6        |          |          |          |          |          |          |
| 945      |          |          |          | 25       | 228      | 823      |          |          |          | 78       | 239      |          |          |          |
| 105      | 179      | 244      | 21       | 10       | 341      | 214      | 53       | 39       | 34       | 114      | 30       | 57       | 27       | 32       |
| 0.2      | 0.9      | 0.3      | 1.6      | 0.9      | 0.6      | 0.6      | 2.0      | 2.5      | 2.5      | 0.7      | 2.7      | 2.2      | 3.8      | 2.8      |
| 212      | 171      | 269      | 18       |          | 358      | 290      | 57       | 42       | 32       | 123      | 26       | 46       | 27       | 30       |
| 0.4      | 0.8      | 0.3      | 1.6      |          | 0.9      | 0.3      | 1.8      | 2.3      | 2.7      | 0.3      | 2.2      | 1.7      | 3.5      | 2.9      |
| 222      | 180      | 293      | 17       |          | 25       | 146      | 59       | 51       | 38       |          | 34       | 41       | 28       | 29       |
| 0.2      | 0.9      | 0.7      | 1.5      |          | 0.4      | 0.0      | 0.6      | 2.1      | 2.4      |          | 0.7      | 1.3      | 3.7      | 2.8      |
| 18.6     | 18.3     | 17.6     | 18.2     | 17.2     | 18.3     | 18.8     | 20.7     | 21.1     | 21.7     | 17.0     | 21.2     | 21.5     | 21.4     | 21.1     |
| 18.6     | 18.3     | 17.5     | 18.2     | 16.8     | 18.1     | 18.6     | 20.4     | 21.1     | 21.7     | 16.4     | 20.7     | 21.3     | 21.4     | 21.1     |
| 17.3     | 17.6     | 17.5     | 17.8     | 15.3     | 17.0     | 18.4     | 19.8     | 20.9     | 21.7     | 15.3     | 19.9     | 21.0     | 21.4     | 21.1     |
| 16.6     | 16.2     | 17.3     | 17.0     |          | 15.3     | 17.9     | 19.3     | 20.8     | 21.6     | 14.6     | 19.7     | 20.2     | 21.4     | 21.0     |
| 15.6     | 14.9     | 15.5     | 15.7     |          | 14.5     | 16.2     | 16.9     | 19.3     | 20.9     | 13.7     | 18.4     | 18.9     | 21.0     | 20.9     |
| 14.4     | 13.2     | 14.4     | 14.9     |          | 13.7     | 14.9     | 15.5     | 18.5     | 20.4     |          | 15.1     | 18.2     | 20.2     | 20.5     |
| 13.7     | 12.2     | 12.9     | 14.4     |          | 12.6     | 13.9     | 13.9     | 17.5     | 19.0     |          | 13.7     | 17.3     | 19.5     | 19.9     |
| 12.9     | 11.5     | 11.6     | 13.3     |          | 11.1     | 13.1     | 12.5     | 16.1     | 18.6     |          | 13.3     | 15.9     | 19.3     | 19.7     |
| 11.7     | 11.0     | 10.7     | 12.3     |          | 9.1      | 12.4     | 11.9     | 15.8     | 18.2     |          | 11.1     | 15.7     | 19.0     | 19.2     |
| 10.8     | 10.1     | 9.7      | 11.3     |          | 6.5      | 10.9     | 11.3     | 14.1     | 17.9     |          | 10.0     | 15.1     | 18.1     | 19.0     |
| 9.6      | 9.2      | 8.9      | 9.9      |          | 6.3      | 10.0     | 10.6     | 12.4     | 16.7     |          | 8.7      | 13.6     | 17.0     | 18.1     |
| 8.2      | 7.9      | 7.2      | 8.3      |          |          | 8.3      | 7.7      | 10.2     | 15.0     |          |          | 11.6     | 14.9     | 17.1     |
| 7.6      | 7.3      | 5.6      | 7.1      |          |          | 7.9      | 7.5      | 7.9      | 12.3     |          |          | 9.9      | 11.9     | 15.9     |
| 5.4      | 5.5      | 5.5      | 4.9      |          |          | 4.2      | 6.2      | 6.4      | 8.9      |          |          | 7.5      | 9.6      | 12.1     |
| 4.6      | 4.4      | 4.5      | 3.8      |          |          | 3.7      | 4.8      | 5.2      | 4.5      |          |          | 5.8      | 7.2      | 8.6      |
| 4.2      | 4.0      | 3.8      | 4.3      |          |          | 3.8      | 4.4      | 4.5      | 4.2      |          |          | 4.1      | 5.8      | 6.8      |
| 3.8      | 3.6      | 3.5      | 3.8      |          |          | 3.7      | 4.0      | 4.1      | 4.2      |          |          | 3.7      | 4.4      | 5.3      |
| 3.4      | 3.2      | 3.1      | 3.7      |          |          |          | 3.6      | 3.7      | 4.0      |          |          | 3.5      | 3.8      | 4.6      |
| 3.2      | 3.0      | 3.0      | 3.4      |          |          |          | 3.3      | 3.2      | 3.7      |          |          | 3.2      | 3.4      | 3.8      |
|          | 3.0      | 2.8      | 2.9      |          |          |          | 3.1      | 3.2      | 3.3      |          |          | 3.1      | 3.2      | 3.5      |
| 34.49    | 34.41    | 34.45    | 34.43    | 34.43    | 34.49    | 34.52    | 34.49    | 34.53    | 34.54    | 34.44    | 34.49    | 34.56    | 34.62    | 34.60    |
| 34.54    | 34.46    | 34.45    | 34.44    | 34.40    | 34.53    | 34.52    | 34.48    | 34.52    | 34.55    | 34.46    | 34.48    | 34.53    | 34.62    | 34.60    |
| 34.53    | 34.45    | 34.47    | 34.48    |          | 34.50    | 34.54    | 34.42    | 34.53    | 34.56    | 34.48    | 34.50    | 34.51    | 34.63    | 34.59    |
| 34.53    | 34.47    | 34.49    | 34.50    |          | 34.50    | 34.55    | 34.40    | 34.67    | 34.57    | 34.46    | 34.53    | 34.57    | 34.67    | 34.59    |
| 34.47    | 34.43    | 34.49    | 34.52    |          | 34.46    | 34.51    | 34.45    | 34.68    | 34.60    |          | 34.49    | 34.58    | 34.69    | 34.67    |
| 34.46    | 34.40    | 34.39    | 34.51    |          | 34.40    | 34.48    | 34.48    | 34.59    | 34.61    |          | 34.45    | 34.58    | 34.74    | 34.73    |
| 34.43    | 34.37    | 34.32    | 34.43    |          | 34.28    | 34.43    | 34.37    | 34.54    | 34.61    |          | 34.43    | 34.58    | 34.75    | 34.74    |
| 34.36    | 34.34    | 34.27    | 34.36    |          | 34.00    | 34.36    | 34.32    | 34.54    | 34.68    |          | 34.27    | 34.57    | 34.74    | 34.73    |
| 34.30    | 34.30    | 34.26    | 34.30    |          | 33.64    | 34.25    | 34.29    | 34.47    | 34.68    |          | 34.18    | 34.53    | 34.63    | 34.75    |
| 34.21    | 34.27    | 34.25    | 34.21    |          | 33.64    | 34.17    | 34.20    | 34.38    | 34.60    |          | 34.02    | 34.46    | 34.58    | 34.68    |
| 34.11    | 34.22    | 34.13    | 34.20    |          |          | 33.99    | 33.88    | 34.20    | 34.52    |          |          | 34.38    | 34.53    | 34.64    |
| 34.14    | 34.22    | 34.02    | 34.22    |          |          | 34.09    | 33.92    | 33.95    | 34.40    |          |          | 34.30    | 34.38    | 34.62    |
| 34.03    | 34.19    | 34.23    | 34.05    |          |          | 33.74    | 34.03    | 34.03    | 34.26    |          |          | 34.23    | 34.27    | 34.39    |
| 34.11    | 34.17    | 34.22    | 34.02    |          |          | 33.87    | 34.06    | 34.04    | 33.80    |          |          | 34.22    | 34.22    | 34.25    |
| 34.18    | 34.24    | 34.27    | 34.23    |          |          | 34.07    | 34.17    | 34.12    | 33.97    |          |          | 34.10    | 34.21    | 34.21    |
| 34.25    | 34.28    | 34.31    | 34.26    |          |          | 34.16    | 34.23    | 34.20    | 34.13    |          |          | 34.16    | 34.17    | 34.24    |
| 34.26    | 34.31    | 34.32    | 34.34    |          |          |          | 34.29    | 34.27    | 34.23    |          |          | 34.23    | 34.23    | 34.28    |
| 34.28    | 34.35    | 34.36    | 34.39    |          |          |          | 34.34    | 34.31    | 34.31    |          |          | 34.29    | 34.24    | 34.27    |
|          | 34.39    | 34.39    | 34.39    |          |          |          | 34.40    | 34.36    | 34.33    |          |          | 34.34    | 34.31    | 34.32    |
| 921      | 1001     | 1006     | 1002     | 21       | 217      | 794      | 1002     | 1002     | 1001     | 71       | 234      | 1004     | 1000     | 1003     |
| 3.2      | 3.0      | 2.8      | 2.9      | 15.2     | 6.5      | 3.5      | 3.1      | 3.1      | 3.3      | 12.5     | 8.3      | 3.0      | 3.2      | 3.5      |
| 3        | 4        | 5        | 6        | 12       | 13       | 15       |          |          |          | 14       |          |          |          |          |
| 150      | 150      | 150      | 150      | 20       | 150      | 150      |          |          |          | 70       |          |          |          |          |
| 19       | 41       | 13       | 14       | 36       | 3        | 10       |          |          |          | 8        |          |          |          |          |
| 1485     | 1630     | 1405     | 1351     | 236      | 1308     | 1368     |          |          |          | 610      |          |          |          |          |
| 3        | 4        | 5        | 6        | 12       | 13       | 15       |          |          |          | 14       |          |          |          |          |



茨城県 海洋観測結果 (2022年6月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| St.No.      | A-1      | A-2      | A-3      | A-4      | A-5      | A-6      | A-7      | A-8      | A-9      | O-1      | O-2      | O-3      | O-4      | O-5      | O-6      |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 緯度N         | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  |
| 経度E         | 140° 46' | 140° 52' | 140° 58' | 141° 04' | 141° 11' | 141° 20' | 141° 30' | 141° 45' | 142° 00' | 140° 38' | 140° 41' | 140° 47' | 140° 53' | 140° 59' | 141° 06' |
| 月日          | 6/9      | 6/9      | 6/9      | 6/9      | 6/9      | 6/9      | 6/9      | 6/9      | 6/9      | 6/8      | 6/8      | 6/8      | 6/8      | 6/8      | 6/8      |
| 開始          | 10:43    | 10:14    | 9:42     | 9:07     | 8:21     | 7:32     | 6:28     | 5:02     | 3:45     | 17:04    | 17:27    | 18:01    | 18:37    | 19:15    | 20:11    |
| 終了          | 10:52    | 10:20    | 9:48     | 9:18     | 8:35     | 7:49     | 6:52     | 5:28     | 4:00     | 17:11    | 17:31    | 18:07    | 18:45    | 19:29    | 20:53    |
| 風向          | NNE      | NNE      | NNE      | NNE      | NNE      | N        | E        | E        | E        | NE       | ENE      | NE       | ENE      | ENE      | NE       |
| 風力          | 4        | 4        | 5        | 5        | 4        | 5        | 2        | 3        | 3        | 5        | 4        | 4        | 4        | 4        | 3        |
| 天気          | C        | C        | C        | C        | C        | C        | R        | C        | C        | R        | R        | C        | C        | C        | R        |
| 気圧          | 1016.6   | 1016.8   | 1016.4   | 1016.1   | 1015.8   | 1015.7   | 1015.4   | 1015     | 1014.6   | 1012.1   | 1012.3   | 1012.1   | 1012.7   | 1013     | 1013.8   |
| 気温          | 15.7     | 15.5     | 15.6     | 15.1     | 16.4     | 17.2     | 19.3     | 19       | 18.7     | 16.7     | 16.5     | 16.5     | 16.8     | 17       | 17       |
| 風浪          | 3        | 3        | 3        | 3        | 3        | 2        | 1        | 1        | 2        | 2        | 2        | 2        | 2        |          |          |
| うねり         | NNE3     | NNE3     | NNE3     | NNW3     | NNW3     | NNW2     | ESE1     | E2       |          | NE2      | NE2      | NNE2     | ENE2     |          |          |
| 水色          | 4        | 5        | 4        | 3        | 3        | 5        | 5        | 5        |          | 6        | 6        | 6        |          |          |          |
| 透明度         | 4        | 4        | 5        | 7        | 9        | 6        | 9        | 12       |          | 4        | 6        | 10       |          |          |          |
| 水深          | 55       | 102      | 132      | 309      | 555      | 730      | 980      |          |          | 24       | 29       | 79       | 171      | 490      | 702      |
| 流向(10m)     | 194      | 256      | 261      | 222      | 216      | 219      | 194      | 217      | 357      | 115      | 78       | 78       | 10       | 47       | 169      |
| 流速(10m)     | 0.5      | 0.2      | 0.6      | 0.7      | 1.1      | 1.2      | 1.3      | 0.6      | 0.9      | 0.2      | 1.8      | 0.2      | 0.5      | 0.8      | 0.3      |
| 流向(50m)     | 260      | 223      | 358      | 284      | 200      | 207      | 193      | 190      | 324      |          |          |          | 296      | 328      | 148      |
| 流速(50m)     | 2.1      | 0.2      | 0.4      | 0.1      | 1.1      | 1.0      | 0.9      | 0.7      | 0.3      |          |          |          | 0.2      | 0.1      | 0.3      |
| 流向(100m)    |          |          | 156      | 115      | 199      | 202      | 183      | 187      | 336      |          |          |          | 68       | 269      | 186      |
| 流速(100m)    |          |          | 0.3      | 0.4      | 0.6      | 1.1      | 1.0      | 0.6      | 0.1      |          |          |          | 0.9      | 0.6      | 0.8      |
| 水温 0m       | 19.0     | 18.6     | 18.8     | 19.0     | 18.8     | 19.6     | 19.8     | 19.0     | 18.3     | 18.1     | 19.0     | 18.6     | 18.7     | 18.8     | 18.8     |
| 10m         | 19.0     | 18.6     | 18.7     | 19.0     | 18.7     | 18.2     | 19.8     | 19.0     | 18.3     | 18.1     | 19.0     | 18.5     | 18.7     | 18.8     | 18.8     |
| 20m         | 18.9     | 18.6     | 18.7     | 18.9     | 18.7     | 17.9     | 19.8     | 18.9     | 18.1     |          | 18.9     | 18.5     | 18.6     | 18.8     | 17.7     |
| 30m         | 18.2     | 18.6     | 18.6     | 17.5     | 18.0     | 17.6     | 17.8     | 16.8     | 17.3     |          |          | 18.3     | 18.5     | 18.1     | 17.1     |
| 50m         |          | 18.6     | 17.4     | 16.4     | 16.8     | 16.4     | 15.8     | 15.4     | 14.8     |          |          | 16.8     | 17.6     | 16.5     | 16.4     |
| 75m         |          | 14.3     | 16.0     | 15.5     | 14.6     | 14.9     | 14.5     | 14.2     | 13.4     |          |          |          | 14.7     | 15.8     | 15.4     |
| 100m        |          |          | 13.8     | 14.5     | 13.5     | 13.8     | 13.6     | 12.9     | 12.1     |          |          |          | 13.3     | 14.6     | 14.2     |
| 125m        |          |          |          | 13.0     | 13.0     | 12.2     | 12.0     | 11.8     | 11.4     |          |          |          | 12.2     | 13.3     | 13.5     |
| 150m        |          |          |          | 11.7     | 12.2     | 10.8     | 11.1     | 11.2     | 10.3     |          |          |          | 11.3     | 12.2     | 12.3     |
| 175m        |          |          |          | 9.8      | 11.3     | 10.3     | 10.2     | 10.0     | 9.5      |          |          |          |          | 11.5     | 11.4     |
| 200m        |          |          |          | 8.1      | 9.9      | 9.5      | 8.3      | 9.3      | 8.7      |          |          |          |          | 10.8     | 10.5     |
| 250m        |          |          |          | 7.2      | 9.1      | 8.5      | 7.5      | 7.4      | 7.8      |          |          |          |          | 8.2      | 8.6      |
| 300m        |          |          |          |          | 8.3      | 7.4      | 5.5      | 5.7      | 6.1      |          |          |          |          | 6.6      | 7.6      |
| 400m        |          |          |          |          | 5.8      | 6.2      | 5.9      | 4.3      | 4.2      |          |          |          |          | 2.9      | 6.1      |
| 500m        |          |          |          |          | 3.6      | 4.8      | 4.5      | 4.8      | 4.1      |          |          |          |          |          | 4.7      |
| 600m        |          |          |          |          |          |          | 3.6      | 3.7      |          |          |          |          |          |          |          |
| 700m        |          |          |          |          |          |          | 3.6      | 3.6      |          |          |          |          |          |          |          |
| 800m        |          |          |          |          |          |          | 3.5      | 3.2      |          |          |          |          |          |          |          |
| 900m        |          |          |          |          |          |          | 3.1      | 3.0      |          |          |          |          |          |          |          |
| 1000m       |          |          |          |          |          |          |          | 2.9      |          |          |          |          |          |          |          |
| 塩分0m        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 10m         | 34.35    | 34.48    | 34.45    | 34.39    | 34.40    | 34.46    | 34.41    | 34.40    | 34.34    | 33.84    | 34.43    | 34.47    | 34.42    | 34.38    | 34.36    |
| 20m         | 34.32    | 34.48    | 34.46    | 34.40    | 34.41    | 34.61    | 34.41    | 34.40    | 34.33    |          | 34.41    | 34.47    | 34.45    | 34.39    | 34.57    |
| 30m         | 34.15    | 34.49    | 34.47    | 34.56    | 34.49    | 34.57    | 34.46    | 34.47    | 34.36    |          |          | 34.46    | 34.47    | 34.48    | 34.60    |
| 50m         |          | 34.49    | 34.54    | 34.58    | 34.60    | 34.53    | 34.51    | 34.50    | 34.47    |          | 34.37    | 34.49    | 34.49    | 34.59    | 34.58    |
| 75m         |          | 34.40    | 34.54    | 34.57    | 34.52    | 34.50    | 34.49    | 34.47    | 34.45    |          |          |          | 34.53    | 34.56    | 34.54    |
| 100m        |          |          | 34.46    | 34.51    | 34.45    | 34.46    | 34.44    | 34.43    | 34.39    |          |          |          | 34.45    | 34.49    | 34.50    |
| 125m        |          |          |          | 34.42    | 34.41    | 34.40    | 34.35    | 34.33    | 34.35    |          |          |          | 34.35    | 34.44    | 34.46    |
| 150m        |          |          |          | 34.26    | 34.37    | 34.26    | 34.28    | 34.35    | 34.30    |          |          |          | 34.24    | 34.37    | 34.37    |
| 175m        |          |          |          | 34.03    | 34.34    | 34.23    | 34.23    | 34.29    | 34.27    |          |          |          |          | 34.36    | 34.30    |
| 200m        |          |          |          | 33.80    | 34.19    | 34.18    | 34.02    | 34.27    | 34.21    |          |          |          |          | 34.32    | 34.24    |
| 250m        |          |          |          | 33.68    | 34.20    | 34.15    | 34.07    | 34.15    | 34.23    |          |          |          |          | 33.99    | 34.12    |
| 300m        |          |          |          |          | 34.19    | 34.15    | 33.89    | 34.00    | 34.12    |          |          |          |          | 33.75    | 34.09    |
| 400m        |          |          |          |          | 34.00    | 34.17    | 34.16    | 33.98    | 34.03    |          |          |          |          | 33.55    | 34.10    |
| 500m        |          |          |          |          | 33.78    | 34.11    | 34.14    | 34.22    | 34.16    |          |          |          |          |          | 34.08    |
| 600m        |          |          |          |          |          |          | 34.15    | 34.21    |          |          |          |          |          |          |          |
| 700m        |          |          |          |          |          |          | 34.26    | 34.33    |          |          |          |          |          |          |          |
| 800m        |          |          |          |          |          |          | 34.35    | 34.34    |          |          |          |          |          |          |          |
| 900m        |          |          |          |          |          |          | 34.35    | 34.36    |          |          |          |          |          |          |          |
| 1000m       |          |          |          |          |          |          |          | 34.38    |          |          |          |          |          |          |          |
| 底水温測定水深(m)  | 47       | 93       | 121      | 293      | 502      | 505      | 984      | 1002     |          | 16       | 21       | 73       | 162      | 480      | 501      |
| 底水温(°C)     | 18.1     | 11.8     | 11.9     | 6.4      | 3.6      | 4.7      | 2.9      | 2.9      |          | 18.1     | 18.9     | 15.7     | 11.3     | 4.3      | 4.7      |
| ノルバックネット    | 2        |          |          |          |          |          | 1        |          |          |          |          |          |          |          |          |
| ワイヤー長       | 50       |          |          |          |          |          | 150      |          |          |          |          |          |          |          |          |
| 傾角          | 7        |          |          |          |          |          | 10       |          |          |          |          |          |          |          |          |
| 回転数         | 495      |          |          |          |          |          | 1392     |          |          |          |          |          |          |          |          |
| ノルバックネット瓶番号 | 2        |          |          |          |          |          | 1        |          |          |          |          |          |          |          |          |

茨城県 海洋観測結果(2022年6月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| O-7      | O-8      | O-9      | O-10     | K-1      | K-2      | K-3      | K-4      | K-5      | I-1      | I-2      | I-3      | I-4      | I-5      |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  |
| 141° 15' | 141° 30' | 141° 45' | 142° 00' | 140° 45' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' |
| 6/8      | 6/8      | 6/9      | 6/9      | 6/9      | 6/9      | 6/9      | 6/10     | 6/10     | 6/10     | 6/9      | 6/9      | 6/9      | 6/9      |
| 21:36    | 23:05    | 0:33     | 2:03     | 13:53    | 15:08    | 4:11     | 2:19     | 0:32     | 16:57    | 18:18    | 19:47    | 21:33    |          |
| 21:51    | 23:20    | 0:50     | 2:21     | 13:59    | 15:25    | 4:44     | 2:56     | 1:03     | 17:07    | 18:37    | 20:13    | 21:43    |          |
| ENE      | ENE      | ENE      | E        | NNE      | NNE      | NE       | NE       | NE       | NE       | NNE      | NE       | ENE      |          |
| 4        | 3        | 3        | 4        | 4        | 4        | 3        | 3        | 3        | 4        | 3        | 2        | 3        |          |
| C        | D        | D        | C        | BC       | BC       | BC       | BC       | BC       | BC       | BC       | C        | C        |          |
| 1014.2   | 1014.4   | 1013.8   | 1013.5   | 1015.4   | 1015.5   | 1016.5   | 1015.7   | 1016.3   | 1015.3   | 1015.5   | 1015.9   | 1016.8   |          |
| 17.2     | 17.5     | 18.3     | 18.8     | 19.4     | 18.7     | 18.9     | 19.5     | 19.7     | 20.4     | 20.3     | 20.5     | 21.2     |          |
|          |          |          |          | 3        | 3        |          |          |          | 4        | 4        |          |          |          |
|          |          |          |          | NE3      | NNE4     |          |          |          | NNE5     | NNE4     |          |          |          |
|          |          |          |          | 3        | 3        |          |          |          | 4        | 4        |          |          |          |
|          |          |          |          | 6        | 8        |          |          |          | 7        | 5        |          |          |          |
| 931      |          |          |          | 27       | 220      |          |          |          | 80       | 225      |          |          |          |
| 164      | 113      | 316      | 15       | 149      | 29       | 146      | 145      | 25       | 94       | 44       | 59       | 55       |          |
| 0.5      | 0.2      | 0.3      | 1.0      | 0.6      | 0.6      | 0.5      | 0.5      | 0.3      | 0.7      | 0.5      | 1.8      | 3.9      |          |
| 224      | 105      | 64       | 40       |          | 280      | 152      | 93       | 348      | 102      | 316      | 57       | 55       |          |
| 0.4      | 0.4      | 0.3      | 0.7      |          | 0.1      | 0.7      | 0.5      | 0.7      | 0.4      | 0.3      | 1.1      | 3.9      |          |
| 223      | 85       | 6        | 40       |          | 340      | 151      | 113      | 357      |          | 18       | 61       | 54       |          |
| 0.6      | 0.2      | 0.2      | 0.5      |          | 0.5      | 0.7      | 0.4      | 0.3      |          | 0.8      | 0.9      | 3.5      |          |
| 18.8     | 18.3     | 18.3     | 18.5     | 18.9     | 18.7     | 18.8     | 19.7     | 20.3     | 18.5     | 20.6     | 20.6     | 23.3     |          |
| 18.7     | 18.3     | 18.3     | 18.4     | 18.8     | 18.5     | 18.8     | 18.6     | 19.7     | 18.0     | 20.6     | 19.0     | 23.4     |          |
| 18.6     | 18.3     | 17.9     | 18.3     | 18.6     | 18.4     | 18.4     | 18.1     | 18.4     | 17.7     | 18.7     | 17.6     | 23.2     |          |
| 17.7     | 16.9     | 16.8     | 16.8     |          | 17.8     | 17.4     | 17.2     | 17.2     | 17.4     | 17.3     | 17.2     | 21.8     |          |
| 16.1     | 15.0     | 14.6     | 15.1     |          | 16.2     | 15.6     | 15.6     | 15.6     | 15.8     | 15.7     | 15.9     | 19.4     |          |
| 15.0     | 13.6     | 13.2     | 14.0     |          | 14.4     | 14.2     | 14.1     | 13.7     |          | 14.1     | 14.4     | 18.3     |          |
| 13.3     | 12.8     | 12.0     | 13.0     |          | 13.1     | 13.2     | 13.1     | 12.0     |          | 13.3     | 13.3     | 16.8     |          |
| 12.3     | 11.7     | 11.1     | 12.3     |          | 12.3     | 12.2     | 12.4     | 11.8     |          | 12.3     | 12.5     | 15.5     |          |
| 11.3     | 10.8     | 10.8     | 11.2     |          | 10.3     | 11.4     | 11.7     | 11.4     |          | 10.5     | 12.1     | 14.5     |          |
| 10.5     | 10.2     | 10.4     | 10.4     |          | 10.1     | 10.6     | 11.1     | 11.0     |          | 9.8      | 11.3     | 14.0     |          |
| 9.8      | 9.4      | 9.5      | 9.7      |          | 9.5      | 9.7      | 10.3     | 10.5     |          | 9.7      | 8.7      | 13.2     |          |
| 7.7      | 7.9      | 8.1      | 8.6      |          |          | 8.2      | 8.4      | 6.9      |          |          | 7.1      | 11.6     |          |
| 7.6      | 6.4      | 7.1      | 7.4      |          |          | 7.1      | 6.7      | 7.6      |          |          | 8.4      | 10.4     |          |
| 6.4      | 5.0      | 6.1      | 5.9      |          |          | 3.2      | 5.3      | 6.3      |          |          | 6.8      |          |          |
| 5.3      | 4.9      | 4.4      | 5.1      |          |          | 3.3      | 5.0      | 5.3      |          |          | 4.6      |          |          |
|          |          |          |          |          |          | 3.4      | 4.6      | 4.6      |          |          | 4.2      |          |          |
|          |          |          |          |          |          | 3.5      | 4.1      | 4.1      |          |          | 3.6      |          |          |
|          |          |          |          |          |          | 3.2      | 3.6      | 3.7      |          |          | 3.4      |          |          |
|          |          |          |          |          |          |          | 3.3      | 3.4      |          |          | 3.3      |          |          |
|          |          |          |          |          |          |          | 3.0      | 3.1      |          |          | 3.3      |          |          |
|          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 34.34    | 34.35    | 34.37    | 34.40    | 34.41    | 34.45    | 34.41    | 34.40    | 34.39    | 34.45    | 34.33    | 34.25    | 34.37    |          |
| 34.36    | 34.36    | 34.35    | 34.40    | 34.39    | 34.47    | 34.41    | 34.42    | 34.46    | 34.48    | 34.44    | 34.38    | 34.37    |          |
| 34.46    | 34.48    | 34.46    | 34.48    |          | 34.50    | 34.48    | 34.48    | 34.49    | 34.46    | 34.50    | 34.43    | 34.35    |          |
| 34.53    | 34.48    | 34.49    | 34.50    |          | 34.54    | 34.52    | 34.53    | 34.49    | 34.43    | 34.55    | 34.50    | 34.39    |          |
| 34.51    | 34.45    | 34.44    | 34.47    |          | 34.52    | 34.48    | 34.48    | 34.45    |          | 34.47    | 34.47    | 34.47    |          |
| 34.44    | 34.42    | 34.38    | 34.43    |          | 34.43    | 34.45    | 34.43    | 34.39    |          | 34.45    | 34.44    | 34.50    |          |
| 34.40    | 34.37    | 34.34    | 34.40    |          | 34.40    | 34.39    | 34.37    | 34.38    |          | 34.40    | 34.41    | 34.48    |          |
| 34.30    | 34.33    | 34.32    | 34.35    |          | 34.11    | 34.32    | 34.37    | 34.35    |          | 34.17    | 34.40    | 34.52    |          |
| 34.27    | 34.29    | 34.30    | 34.31    |          | 34.09    | 34.25    | 34.34    | 34.34    |          | 34.07    | 34.35    | 34.48    |          |
| 34.21    | 34.22    | 34.28    | 34.29    |          | 34.00    | 34.19    | 34.29    | 34.31    |          | 34.07    | 33.96    | 34.44    |          |
| 34.04    | 34.15    | 34.17    | 34.25    |          |          | 34.10    | 34.13    | 33.74    |          |          | 33.76    | 34.37    |          |
| 34.08    | 34.01    | 34.18    | 34.22    |          |          | 34.05    | 34.01    | 34.10    |          |          | 34.18    | 34.32    |          |
| 34.16    | 34.00    | 34.23    | 34.18    |          |          | 33.78    | 34.04    | 34.11    |          |          | 34.22    |          |          |
| 34.20    | 34.19    | 34.12    | 34.23    |          |          | 33.94    | 34.20    | 34.20    |          |          | 34.03    |          |          |
|          |          |          |          |          |          | 34.07    | 34.25    | 34.22    |          |          | 34.16    |          |          |
|          |          |          |          |          |          | 34.23    | 34.29    | 34.30    |          |          | 34.22    |          |          |
|          |          |          |          |          |          | 34.31    | 34.33    | 34.32    |          |          | 34.27    |          |          |
|          |          |          |          |          |          |          | 34.35    | 34.36    |          |          | 34.31    |          |          |
|          |          |          |          |          |          |          | 34.39    | 34.40    |          |          | 34.34    |          |          |
| 502      | 501      | 503      | 501      | 22       | 203      | 803      | 1003     | 1002     | 73       | 217      | 1002     | 303      |          |
| 5.3      | 5.0      | 4.4      | 5.1      | 18.6     | 9.4      | 3.2      | 2.9      | 3.1      | 14.7     | 9.7      | 3.3      | 10.4     |          |
|          |          |          |          | 3        | 4        | 8        | 7        |          | 5        | 6        |          |          |          |
|          |          |          |          | 20       | 150      | 150      | 150      |          | 70       | 150      |          |          |          |
|          |          |          |          | 4        | 0        | 18       | 13       |          | 14       | 42       |          |          |          |
|          |          |          |          | 230      | 1440     | 1498     | 1500     |          | 771      | 2175     |          |          |          |
|          |          |          |          | 3        | 4        | 8        | 7        |          | 5        | 6        |          |          |          |

茨城県 海洋観測結果(2022年7月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| St.No.     | A-1      | A-2      | A-3      | A-4      | A-5      | A-6      | A-7      | A-8      | A-9      | O-1      | O-2      | O-3      | O-4      | O-5      | O-6      |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 緯度N        | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  |
| 経度E        | 140° 46' | 140° 52' | 140° 58' | 141° 04' | 141° 11' | 141° 20' | 141° 30' | 141° 45' | 142° 00' | 140° 38' | 140° 41' | 140° 47' | 140° 53' | 140° 59' | 141° 06' |
| 月日         | 7/5      | 7/4      | 7/4      | 7/4      | 7/4      | 7/4      | 7/4      | 7/4      | 7/4      | 7/4      | 7/4      | 7/4      | 7/4      | 7/4      | 7/4      |
| 開始         | 0:20     | 23:43    | 23:03    | 22:25    | 21:27    | 20:26    | 19:20    | 18:00    | 16:42    | 6:43     | 6:57     | 7:30     | 7:58     | 8:34     | 9:23     |
| 終了         | 0:30     | 23:51    | 23:19    | 22:37    | 21:53    | 20:50    | 19:46    | 18:32    | 16:54    | 6:47     | 7:05     | 7:35     | 8:07     | 8:37     | 9:46     |
| 風向         | NNE      | NE       | SE       | SE       | SE       | SSE      | SSE      | ESE      | N        | NNE      | N        | NNW      | S        | N        | N        |
| 風力         | 3        | 2        | 2        | 3        | 3        | 3        | 3        | 2        | 2        | 3        | 3        | 2        | 2        | 3        | 3        |
| 天気         | C        | C        | C        | C        | C        | C        | BC       | BC       | BC       | BC       | BC       | BC       | C        | C        | C        |
| 気圧         | 1009.8   | 1009.7   | 1009.3   | 1009.9   | 1010.0   | 1009.8   | 1009.2   | 1008.8   | 1008.8   | 1009.4   | 1009.3   | 1009.5   | 1009.3   | 1009.4   | 1009.1   |
| 気温         | 23.9     | 24.6     | 25       | 25       | 25.0     | 25.2     | 25.2     | 25       | 25.1     | 22.6     | 24.5     | 24.7     | 24.4     | 25.1     | 25.1     |
| 風浪         |          |          |          |          |          |          |          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        |
| うねり        |          |          |          |          |          |          |          | E1       | S1       | SSE1     | SSE1     | SSE1     | WNW1     | NW1      | NNW1     |
| 水色         |          |          |          |          |          |          |          | 4        | 2        | 4        | 4        | 4        | 5        | 3        | 3        |
| 透明度        |          |          |          |          |          |          |          | 7        | 16       | 6        | 10       | 14       | 11       | 12       | 11       |
| 水深         | 55       | 103      | 133      | 311      | 501      | 701      | 994      |          |          | 24       | 30       | 79       | 170      | 487      | 710      |
| 流向(10m)    | 168      | 145      | 129      | 49       | 70       | 64       | 75       | 141      | 219      | 82       | 78       | 29       | 56       | 343      | 356      |
| 流速(10m)    | 0.3      | 0.4      | 0.5      | 0.1      | 0.6      | 0.7      | 0.7      | 0.8      | 0.5      | 0.3      | 1.6      | 1.0      | 0.3      | 1.0      | 1.8      |
| 流向(50m)    | 245      | 152      | 183      | 60       | 88       | 75       | 113      | 146      | 226      |          |          | 91       | 327      | 354      | 354      |
| 流速(50m)    | 1.2      | 0.4      | 0.2      | 0.5      | 0.7      | 0.3      | 0.5      | 0.8      | 0.6      |          |          | 4.9      | 0.3      | 0.7      | 1.4      |
| 流向(100m)   |          |          | 202      | 90       | 66       | 84       | 80       | 150      | 241      |          |          |          | 70       | 353      | 349      |
| 流速(100m)   |          |          | 0.3      | 0.3      | 0.6      | 0.4      | 0.3      | 0.7      | 0.3      |          |          |          | 0.6      | 0.5      | 1.0      |
| 水温 0m      | 22.4     | 23.9     | 26.1     | 24.2     | 24.5     | 24.9     | 24.7     | 22.9     | 24.8     | 21.7     | 23.5     | 23.8     | 24.2     | 24.8     | 24.0     |
| 10m        | 18.9     | 22.0     | 21.8     | 23.5     | 24.1     | 21.9     | 22.1     | 20.9     | 23.1     | 17.8     | 20.5     | 21.2     | 23.0     | 22.2     | 23.4     |
| 20m        | 16.2     | 18.5     | 17.0     | 19.2     | 20.2     | 20.7     | 20.5     | 20.0     | 20.9     | 14.9     | 15.2     | 16.8     | 17.5     | 19.4     | 19.9     |
| 30m        | 15.3     | 16.3     | 15.6     | 17.2     | 18.4     | 19.5     | 20.1     | 18.7     | 20.2     |          |          | 14.8     | 15.9     | 18.0     | 18.2     |
| 50m        |          | 14.6     | 14.9     | 16.1     | 16.9     | 17.8     | 18.2     | 17.4     | 18.5     |          |          | 13.9     | 14.8     | 15.6     | 16.3     |
| 75m        |          | 12.2     | 13.8     | 14.1     | 15.1     | 16.0     | 16.6     | 16.1     | 16.6     |          |          |          | 13.5     | 14.2     | 15.3     |
| 100m       |          |          | 11.0     | 13.2     | 14.1     | 15.3     | 15.5     | 15.2     | 15.7     |          |          |          | 11.9     | 12.7     | 14.4     |
| 125m       |          |          | 9.5      | 12.2     | 13.1     | 14.1     | 14.3     | 14.3     | 14.5     |          |          |          | 10.5     | 11.7     | 13.3     |
| 150m       |          |          |          | 11.8     | 12.4     | 13.2     | 13.4     | 13.3     | 13.7     |          |          |          | 9.2      | 11.2     | 12.7     |
| 175m       |          |          |          | 11.0     | 11.6     | 12.3     | 12.6     | 12.6     | 12.9     |          |          |          |          | 10.5     | 11.8     |
| 200m       |          |          |          | 10.4     | 11.0     | 11.6     | 12.1     | 12.0     | 12.0     |          |          |          |          | 10.2     | 11.0     |
| 250m       |          |          |          | 7.8      | 9.8      | 10.6     | 10.9     | 11.1     | 10.2     |          |          |          |          | 9.6      | 9.8      |
| 300m       |          |          |          |          | 8.6      | 9.4      | 9.6      | 9.5      | 8.6      |          |          |          |          | 8.6      | 7.9      |
| 400m       |          |          |          |          | 5.6      | 5.1      | 6.5      | 7.2      | 5.8      |          |          |          |          | 4.3      | 4.4      |
| 500m       |          |          |          |          |          | 5.0      | 5.3      | 4.7      | 5.7      |          |          |          |          |          | 4.5      |
| 600m       |          |          |          |          |          | 3.5      | 4.3      | 4.3      | 4.6      |          |          |          |          |          | 4.3      |
| 700m       |          |          |          |          |          |          | 3.4      | 4.2      | 4.0      |          |          |          |          |          |          |
| 800m       |          |          |          |          |          |          | 3.3      | 3.6      | 3.8      |          |          |          |          |          |          |
| 900m       |          |          |          |          |          |          | 3.1      | 3.3      | 3.3      |          |          |          |          |          |          |
| 1000m      |          |          |          |          |          |          |          | 3.0      | 3.1      |          |          |          |          |          |          |
| 塩分0m       |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 10m        | 34.35    | 34.14    | 34.25    | 34.22    | 34.23    | 34.33    | 34.25    | 34.37    | 34.32    | 34.34    | 34.22    | 34.28    | 34.28    | 34.23    | 34.24    |
| 20m        | 34.10    | 34.39    | 34.45    | 34.41    | 34.49    | 34.46    | 34.60    | 34.57    | 34.44    | 34.19    | 34.10    | 34.39    | 34.42    | 34.43    | 34.43    |
| 30m        | 34.39    | 34.49    | 34.48    | 34.46    | 34.55    | 34.63    | 34.63    | 34.60    | 34.51    |          |          | 34.07    | 34.48    | 34.45    | 34.50    |
| 50m        |          | 34.49    | 34.55    | 34.55    | 34.52    | 34.59    | 34.62    | 34.55    | 34.60    |          |          | 34.47    | 34.48    | 34.49    | 34.52    |
| 75m        |          | 34.16    | 34.49    | 34.47    | 34.51    | 34.55    | 34.56    | 34.53    | 34.64    |          |          |          | 34.44    | 34.47    | 34.51    |
| 100m       |          |          | 34.01    | 34.43    | 34.48    | 34.56    | 34.53    | 34.56    | 34.61    |          |          |          | 34.35    | 34.40    | 34.47    |
| 125m       |          |          | 33.84    | 34.37    | 34.43    | 34.49    | 34.49    | 34.48    | 34.53    |          |          |          | 34.13    | 34.32    | 34.44    |
| 150m       |          |          |          | 34.38    | 34.38    | 34.44    | 34.45    | 34.45    | 34.47    |          |          |          | 33.93    | 34.35    | 34.41    |
| 175m       |          |          |          | 34.32    | 34.33    | 34.39    | 34.41    | 34.41    | 34.41    |          |          |          |          | 34.32    | 34.36    |
| 200m       |          |          |          | 34.29    | 34.33    | 34.36    | 34.38    | 34.38    | 34.36    |          |          |          |          | 34.30    | 34.32    |
| 250m       |          |          |          | 33.91    | 34.29    | 34.31    | 34.29    | 34.33    | 34.21    |          |          |          |          | 34.27    | 34.28    |
| 300m       |          |          |          |          | 34.24    | 34.26    | 34.27    | 34.24    | 34.08    |          |          |          |          | 34.18    | 34.06    |
| 400m       |          |          |          |          | 33.99    | 33.87    | 34.01    | 34.13    | 33.93    |          |          |          |          | 33.74    | 33.78    |
| 500m       |          |          |          |          |          | 34.05    | 34.09    | 34.03    | 34.15    |          |          |          |          |          | 34.05    |
| 600m       |          |          |          |          |          | 34.01    | 34.17    | 34.14    | 34.17    |          |          |          |          |          | 34.15    |
| 700m       |          |          |          |          |          |          | 34.14    | 34.26    | 34.22    |          |          |          |          |          |          |
| 800m       |          |          |          |          |          |          | 34.24    | 34.28    | 34.31    |          |          |          |          |          |          |
| 900m       |          |          |          |          |          |          | 34.32    | 34.37    | 34.33    |          |          |          |          |          |          |
| 1000m      |          |          |          |          |          |          |          | 34.38    | 34.38    |          |          |          |          |          |          |
| 底水温測定水深(m) | 45       | 91       | 126      | 291      | 472      | 662      | 962      | 1003     |          | 22       | 26       | 70       | 163      | 467      | 674      |
| 底水温(°C)    | 12.8     | 10.4     | 9.5      | 6.2      | 4.7      | 3.5      | 2.8      | 3.0      |          | 14.9     | 13.1     | 10.6     | 9.3      | 4.1      | 3.6      |
| ルバックネット    | 11       |          | 10       |          | 9        |          | 8        |          | 7        |          | 1        |          | 2        |          |          |
| ワイヤー長      | 45       |          | 125      |          | 150      |          | 150      |          | 150      |          | 70       |          | 150      |          |          |
| 傾角         | 13       |          | 10       |          | 40       |          | 12       |          | 8        |          | 15       |          | 9        |          |          |
| 回転数        | 415      |          | 1269     |          | 1315     |          | 1372     |          | 1345     |          | 565      |          | 1467     |          |          |
| ルバックネット瓶番号 | 11       |          | 10       |          | 9        |          | 8        |          | 7        |          | 1        |          | 2        |          |          |

茨城県 海洋観測結果(2022年7月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| O-7      | O-8      | O-9      | O-10     | K-1      | K-2      | K-3      | K-4      | K-5      | K-6      | I-1      | I-2      | I-3      | I-4      | I-5      |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  |
| 141° 15' | 141° 30' | 141° 45' | 142° 00' | 140° 45' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' |
| 7/4      | 7/4      | 7/4      | 7/4      | 7/5      | 7/5      | 7/5      | 7/5      | 7/5      | 7/5      | 7/5      | 7/5      | 7/5      | 7/5      | 7/5      |
| 10:20    | 11:49    | 13:20    | 14:56    | 3:17     | 4:20     | 13:03    | 11:58    | 10:50    |          | 5:56     | 6:56     | 7:56     | 9:04     |          |
| 10:52    | 12:22    | 13:55    | 15:28    | 3:26     | 4:30     | 13:17    | 12:11    | 11:09    |          | 6:01     | 7:05     | 8:12     | 9:29     |          |
| NNW      | N        | N        | WNW      | SSE      | SSW      | SW       | SW       | SW       |          | SSW      | SSW      | W        | WNW      |          |
| 2        | 2        | 1        | 2        | 1        | 3        | 5        | 4        | 2        |          | 3        | 4        | 4        | 3        |          |
| C        | C        | C        | BC       | BC       | BC       | BC       | BC       | BC       |          | BC       | BC       | C        | BC       |          |
| 1009.0   | 1009.8   | 1009.4   | 1008.8   | 1009.7   | 1010.0   | 1008.6   | 1009.6   | 1009.7   |          | 1010.2   | 1010.7   | 1010.7   | 1010.2   |          |
| 25.4     | 26       | 26       | 26.8     | 22.9     | 23.1     | 25.6     | 26.0     | 26.3     |          | 21.4     | 22.5     | 23.7     | 24.8     |          |
| 1        | 1        | 1        | 1        |          | 1        | 3        | 2        | 2        |          | 1        | 1        | 3        | 3        |          |
| NNW1     | NNW1     | SSW1     | SW1      |          | S1       | SSW2     | SW2      | S2       |          | S1       | S1       | SW2      | SW2      |          |
| 2        | 2        | 2        | 2        |          |          | 2        | 2        | 2        |          | 4        | 4        | 3        | 3        |          |
| 13       | 11       | 16       | 13       |          |          | 7        | 9        | 20       |          | 6        | 15       | 7        | 9        |          |
| 966      |          |          |          | 28       | 238      | 807      |          |          |          | 88       | 240      |          |          |          |
| 344      | 300      | 256      | 232      | 141      | 1        | 265      | 221      | 239      |          | 38       | 283      | 180      | 159      |          |
| 1.4      | 1.1      | 0.6      | 1.0      | 0.6      | 0.7      | 0.6      | 1.2      | 1.8      |          | 0.5      | 0.3      | 0.6      | 0.1      |          |
| 350      | 317      | 271      | 233      |          | 33       | 221      | 224      | 238      |          | 88       | 278      | 198      | 101      |          |
| 1.1      | 0.6      | 0.6      | 0.8      |          | 0.3      | 0.2      | 1.1      | 1.4      |          | 0.2      | 0.2      | 0.7      | 0.1      |          |
| 354      | 332      | 255      | 238      |          | 41       | 185      | 217      | 226      |          |          | 269      | 186      | 209      |          |
| 1.1      | 0.6      | 0.7      | 0.5      |          | 0.4      | 0.4      | 1.0      | 1.1      |          |          | 0.3      | 0.6      | 0.1      |          |
| 24.4     | 24.0     | 24.8     | 24.5     | 22.3     | 22.7     | 24.3     | 24.3     | 23.5     |          | 20.3     | 23.6     | 22.8     | 22.8     |          |
| 22.7     | 22.0     | 24.0     | 21.5     | 19.9     | 21.5     | 22.5     | 21.2     | 20.0     |          | 19.9     | 20.1     | 19.9     | 18.8     |          |
| 20.7     | 20.7     | 21.3     | 19.5     | 15.9     | 18.3     | 20.6     | 19.6     | 17.6     |          | 17.8     | 18.3     | 18.3     | 17.6     |          |
| 18.9     | 20.0     | 20.4     | 18.6     |          | 16.5     | 18.9     | 18.7     | 16.2     |          | 17.0     | 16.5     | 17.3     | 16.0     |          |
| 17.1     | 17.8     | 17.9     | 17.4     |          | 15.0     | 17.5     | 17.7     | 15.7     |          | 14.7     | 15.8     | 15.9     | 15.1     |          |
| 16.1     | 15.9     | 16.7     | 15.9     |          | 13.7     | 16.0     | 15.8     | 15.1     |          | 12.5     | 14.8     | 14.9     | 13.8     |          |
| 15.4     | 15.0     | 15.5     | 14.9     |          | 13.0     | 15.1     | 15.1     | 14.0     |          |          | 14.3     | 13.6     | 12.8     |          |
| 14.7     | 14.3     | 14.4     | 14.1     |          | 10.1     | 14.0     | 14.2     | 13.5     |          |          | 12.9     | 12.7     | 11.9     |          |
| 13.9     | 13.5     | 13.5     | 13.0     |          | 9.7      | 13.3     | 13.3     | 12.9     |          |          | 12.4     | 11.8     | 11.2     |          |
| 12.9     | 12.8     | 13.0     | 12.2     |          | 9.6      | 12.3     | 12.4     | 12.2     |          |          | 11.1     | 10.8     | 10.1     |          |
| 12.3     | 12.1     | 12.2     | 11.5     |          | 9.3      | 11.6     | 11.8     | 10.7     |          |          | 10.5     | 10.2     | 9.8      |          |
| 10.3     | 11.3     | 10.8     | 9.9      |          |          | 9.4      | 10.3     | 9.5      |          |          |          | 8.4      | 8.2      |          |
| 9.3      | 10.1     | 9.4      | 8.0      |          |          | 8.0      | 8.6      | 8.0      |          |          |          | 7.2      | 7.6      |          |
| 6.5      | 6.4      | 6.5      | 6.4      |          |          | 6.0      | 6.4      | 5.5      |          |          |          | 6.1      | 5.6      |          |
| 5.4      | 5.0      | 5.1      | 5.2      |          |          | 5.2      | 4.3      | 4.7      |          |          |          | 5.2      | 5.6      |          |
| 4.4      | 4.7      | 4.6      | 4.2      |          |          |          |          |          |          |          |          |          |          |          |
| 3.4      | 3.9      | 3.9      | 4.1      |          |          |          |          |          |          |          |          |          |          |          |
| 3.2      | 3.7      | 3.6      | 3.7      |          |          |          |          |          |          |          |          |          |          |          |
| 3.2      | 3.2      | 3.2      | 3.2      |          |          |          |          |          |          |          |          |          |          |          |
|          | 2.9      | 2.9      | 2.9      |          |          |          |          |          |          |          |          |          |          |          |
| 34.26    | 34.41    | 34.22    | 34.25    | 34.27    | 34.28    | 34.32    | 34.20    | 34.26    |          | 34.29    | 34.21    | 34.30    | 34.36    |          |
| 34.46    | 34.50    | 34.39    | 34.52    | 34.37    | 34.41    | 34.52    | 34.36    | 34.43    |          | 34.40    | 34.43    | 34.44    | 34.41    |          |
| 34.58    | 34.59    | 34.58    | 34.64    |          | 34.45    | 34.46    | 34.53    | 34.53    |          | 34.44    | 34.51    | 34.51    | 34.47    |          |
| 34.62    | 34.64    | 34.55    | 34.61    |          | 34.49    | 34.59    | 34.51    | 34.53    |          | 34.47    | 34.54    | 34.49    | 34.49    |          |
| 34.64    | 34.58    | 34.66    | 34.57    |          | 34.46    | 34.61    | 34.52    | 34.50    |          | 34.25    | 34.50    | 34.49    | 34.46    |          |
| 34.59    | 34.51    | 34.59    | 34.50    |          | 34.42    | 34.56    | 34.55    | 34.47    |          |          | 34.49    | 34.45    | 34.40    |          |
| 34.55    | 34.49    | 34.50    | 34.48    |          | 33.94    | 34.47    | 34.49    | 34.45    |          |          | 34.42    | 34.41    | 34.35    |          |
| 34.48    | 34.46    | 34.45    | 34.42    |          | 33.92    | 34.45    | 34.44    | 34.42    |          |          | 34.40    | 34.33    | 34.30    |          |
| 34.43    | 34.42    | 34.42    | 34.38    |          | 34.03    | 34.39    | 34.36    | 34.37    |          |          | 34.32    | 34.20    | 34.24    |          |
| 34.39    | 34.39    | 34.33    | 34.33    |          | 34.08    | 34.34    | 34.31    | 34.28    |          |          | 34.26    | 34.28    | 34.28    |          |
| 34.29    | 34.33    | 34.25    | 34.27    |          |          | 34.15    | 34.22    | 34.20    |          |          |          | 34.14    | 34.15    |          |
| 34.26    | 34.27    | 34.17    | 34.08    |          |          | 34.09    | 34.16    | 34.12    |          |          |          | 34.08    | 34.22    |          |
| 34.09    | 34.01    | 34.04    | 34.15    |          |          | 34.08    | 34.16    | 33.96    |          |          |          | 34.16    | 34.14    |          |
| 34.14    | 34.02    | 34.09    | 34.15    |          |          | 34.14    | 34.07    | 34.10    |          |          |          | 34.20    | 34.22    |          |
| 34.17    | 34.20    | 34.25    | 34.19    |          |          |          |          |          |          |          |          |          |          |          |
| 34.15    | 34.22    | 34.26    | 34.29    |          |          |          |          |          |          |          |          |          |          |          |
| 34.24    | 34.33    | 34.31    | 34.34    |          |          |          |          |          |          |          |          |          |          |          |
| 34.33    | 34.33    | 34.35    | 34.35    |          |          |          |          |          |          |          |          |          |          |          |
|          | 34.38    |          | 34.39    |          |          |          |          |          |          |          |          |          |          |          |
| 932      | 1002     | 1000     | 1003     | 21       | 228      | 502      | 502      | 502      |          | 76       | 233      | 502      | 506      |          |
| 3.1      | 2.9      | 2.9      | 2.9      | 15.6     | 9.2      | 5.2      | 4.5      | 4.7      |          | 12.5     | 10.1     | 5.2      | 5.5      |          |
| 3        | 4        | 5        | 6        | 12       |          |          |          |          |          |          |          |          |          |          |
| 150      | 150      | 150      | 150      | 20       |          |          |          |          |          |          |          |          |          |          |
| 31       | 5        | 24       | 18       | 3        |          |          |          |          |          |          |          |          |          |          |
| 1520     | 1515     | 1400     | 1460     | 190      |          |          |          |          |          |          |          |          |          |          |
| 3        | 4        | 5        | 6        | 12       |          |          |          |          |          |          |          |          |          |          |

茨城県 海洋観測結果(2022年8月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| St.No.     | A-1      | A-2      | A-3      | A-4      | A-5      | A-6      | A-7      | A-8      | A-9      | O-1      | O-2      | O-3      | O-4      | O-5      | O-6      |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 緯度N        | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  |
| 経度E        | 140° 46' | 140° 52' | 140° 58' | 141° 04' | 141° 11' | 141° 20' | 141° 30' | 141° 45' | 142° 00' | 140° 38' | 140° 41' | 140° 47' | 140° 53' | 140° 59' | 141° 06' |
| 月日         | 8/2      | 8/2      | 8/2      | 8/2      | 8/2      | 8/2      | 8/2      | 8/2      | 8/1      | 8/1      | 8/2      | 8/2      | 8/2      | 8/2      | 8/2      |
| 開始         | 7:32     | 6:58     | 6:25     | 5:50     | 5:10     | 4:16     | 3:00     | 1:17     | 23:40    | 8:54     | 21:40    | 21:04    | 20:32    | 19:41    | 18:59    |
| 終了         | 7:40     | 7:03     | 6:36     | 6:00     | 5:26     | 4:30     | 3:34     | 1:59     | 0:15     | 8:58     | 21:43    | 21:15    | 20:39    | 20:00    | 19:16    |
| 風向         | E        | E        | SE       | N        | N        | NE       | S        | S        | SSW      | S        | E        | E        | SSW      | SSE      | SW       |
| 風力         | 1        | 1        | 1        | 1        | 1        | 1        | 2        | 1        | 2        | 2        | 2        | 1        | 2        | 3        | 2        |
| 天気         | BC       | BC       | BC       | C        | C        | C        | C        | C        | C        | BC       | BC       | BC       | BC       | BC       | BC       |
| 気圧         | 1012.3   | 1012.1   | 1012.1   | 1012.2   | 1011.7   | 1011.5   | 1011.4   | 1011.9   | 1012.8   | 1012.7   | 1011.4   | 1011.3   | 1011.3   | 1010.9   | 1010.9   |
| 気温         | 26.1     | 26.1     | 24.8     | 25.2     | 25.5     | 25.2     | 26.3     | 27.2     | 28.3     | 27.6     | 27.5     | 27.6     | 27.1     | 27.4     | 27.6     |
| 風浪         | 1        | 1        | 1        | 1        | 1        | 1        |          |          |          | 1        |          |          |          |          | 1        |
| うねり        | S1       | S1       | SWI      | SWI      | SE1      |          |          |          |          | SW1      |          |          |          |          | SSE1     |
| 水色         | 3        | 3        | 3        | 3        | 4        |          |          |          |          | 6        |          |          |          |          |          |
| 透明度        | 10       | 14       | 12       | 7        |          |          |          |          |          | 2        |          |          |          |          |          |
| 水深         | 56.4     | 106      | 134      | 316      | 530      | 721      | 997      |          |          | 23.6     | 31       | 83       | 172      | 524      | 686      |
| 流向(10m)    | 214      | 172      | 178      | 180      | 189      | 222      | 195      | 174      | 115      | 64       | 217      | 184      | 194      | 190      | 191      |
| 流速(10m)    | 0.5      | 0.4      | 1.2      | 1.4      | 1.0      | 0.7      | 0.7      | 0.6      | 0.4      | 0.4      | 0.6      | 0.7      | 1.0      | 1.2      | 1.2      |
| 流向(50m)    | 259      | 209      | 190      | 184      | 197      | 225      | 189      | 177      | 245      |          |          | 187      | 177      | 194      | 186      |
| 流速(50m)    | 0.7      | 0.6      | 1.1      | 1.2      | 1.0      | 1.0      | 0.7      | 0.6      | 0.3      |          |          | 0.6      | 1.2      | 1.3      | 1.2      |
| 流向(100m)   |          |          | 191      | 198      | 202      | 229      | 202      | 180      | 280      |          |          |          | 178      | 192      | 196      |
| 流速(100m)   |          |          | 0.8      | 1.0      | 0.8      | 1.0      | 0.8      | 0.9      | 0.3      |          |          |          | 1.1      | 1.1      | 0.7      |
| 水温 0m      | 24.4     | 24.0     | 22.2     | 24.3     | 22.0     | 22.7     | 25.1     | 26.8     | 27.6     | 23.6     | 25.5     | 25.3     | 24.5     | 25.7     | 24.7     |
| 10m        | 20.8     | 20.0     | 18.3     | 22.8     | 19.7     | 20.6     | 20.2     | 22.2     | 21.3     | 19.3     | 21.4     | 20.7     | 19.3     | 20.3     | 21.7     |
| 20m        | 19.1     | 17.2     | 16.0     | 17.7     | 16.7     | 16.4     | 16.8     | 19.3     | 18.8     |          | 16.9     | 17.4     | 16.6     | 17.5     | 17.5     |
| 30m        | 16.5     | 16.2     | 15.4     | 16.3     | 15.5     | 13.0     | 13.8     | 16.1     | 16.5     |          |          | 15.5     | 16.0     | 16.6     | 15.9     |
| 50m        |          | 14.7     | 14.3     | 13.4     | 12.8     | 11.1     | 12.1     | 12.4     | 12.9     |          |          | 14.3     | 14.7     | 15.1     | 13.1     |
| 75m        |          | 13.9     | 12.3     | 11.3     | 11.2     | 10.2     | 9.5      | 10.7     | 11.3     |          |          |          | 12.3     | 13.0     | 11.8     |
| 100m       |          |          | 11.8     | 10.4     | 10.4     | 10.1     | 9.7      | 9.5      | 9.3      |          |          |          | 11.1     | 10.8     | 9.3      |
| 125m       |          |          |          | 9.7      | 8.6      | 8.7      | 8.7      | 7.5      | 8.1      |          |          |          | 10.9     | 9.8      | 8.5      |
| 150m       |          |          |          | 8.3      | 6.6      | 7.7      | 6.9      | 6.1      | 6.6      |          |          |          | 9.9      | 8.4      | 7.8      |
| 175m       |          |          |          | 6.7      | 5.7      | 5.6      | 6.0      | 5.3      | 6.2      |          |          |          |          | 7.9      | 6.4      |
| 200m       |          |          |          |          | 5.9      | 4.6      | 3.7      | 5.4      | 5.0      | 8.4      |          |          |          | 7.6      | 5.1      |
| 250m       |          |          |          |          | 3.8      | 3.4      | 3.5      | 5.2      | 4.5      | 7.0      |          |          |          | 5.6      | 5.9      |
| 300m       |          |          |          | 3.6      | 3.0      | 3.2      | 4.4      | 4.4      | 6.1      |          |          |          |          | 6.5      | 6.2      |
| 400m       |          |          |          |          | 3.7      | 3.7      | 3.7      | 3.9      | 5.4      |          |          |          |          | 4.1      | 3.7      |
| 500m       |          |          |          |          | 3.5      | 3.6      | 3.6      | 3.8      | 4.1      |          |          |          |          | 3.8      | 3.9      |
| 600m       |          |          |          |          |          | 3.6      | 3.5      | 3.7      | 3.5      |          |          |          |          |          | 3.6      |
| 700m       |          |          |          |          |          | 3.4      | 3.4      | 3.4      | 3.3      |          |          |          |          |          |          |
| 800m       |          |          |          |          |          |          | 3.4      | 3.2      | 3.1      |          |          |          |          |          |          |
| 900m       |          |          |          |          |          |          | 3.1      | 3.0      | 3.0      |          |          |          |          |          |          |
| 1000m      |          |          |          |          |          |          |          | 2.8      | 2.8      |          |          |          |          |          |          |
| 塩分0m       |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 10m        | 33.24    | 33.23    | 33.49    | 32.84    | 33.31    | 33.20    | 33.35    | 33.19    | 33.18    | 33.15    | 32.94    | 33.17    | 33.39    | 33.22    | 33.08    |
| 20m        | 33.33    | 33.62    | 33.75    | 33.45    | 33.57    | 33.49    | 33.96    | 33.63    | 33.44    |          | 33.47    | 33.60    | 33.72    | 33.57    | 33.44    |
| 30m        | 33.66    | 33.79    | 33.93    | 33.81    | 33.73    | 33.80    | 33.95    | 33.75    | 33.67    |          |          | 33.82    | 33.79    | 33.70    | 33.69    |
| 50m        |          | 33.97    | 33.94    | 33.99    | 33.86    | 33.89    | 34.20    | 33.88    | 33.89    |          |          | 33.86    | 33.89    | 33.87    | 33.83    |
| 75m        |          |          | 34.00    | 33.95    | 33.94    | 33.93    | 33.88    | 33.84    | 34.12    |          |          |          | 33.94    | 33.85    | 34.15    |
| 100m       |          |          |          | 33.96    | 33.94    | 34.10    | 34.02    | 34.03    | 34.01    | 33.87    |          |          | 33.91    | 33.89    | 33.91    |
| 125m       |          |          |          |          | 33.93    | 33.97    | 33.86    | 33.96    | 33.85    | 33.85    |          |          | 33.93    | 34.00    | 33.90    |
| 150m       |          |          |          |          | 33.82    | 33.71    | 33.88    | 33.75    | 33.72    | 33.69    |          |          | 33.93    | 33.84    | 33.88    |
| 175m       |          |          |          |          | 33.69    | 33.61    | 33.66    | 33.69    | 33.65    | 33.74    |          |          |          | 33.80    | 33.71    |
| 200m       |          |          |          |          | 33.67    | 33.54    | 33.47    | 33.66    | 33.66    | 34.20    |          |          |          | 33.79    | 33.55    |
| 250m       |          |          |          |          | 33.49    | 33.51    | 33.54    | 33.77    | 33.70    | 34.11    |          |          |          | 33.65    | 33.80    |
| 300m       |          |          |          |          | 33.56    | 33.60    | 33.59    | 33.76    | 33.81    | 34.13    |          |          |          | 33.95    | 33.91    |
| 400m       |          |          |          |          |          | 33.83    | 33.84    | 33.86    | 33.92    | 34.19    |          |          |          | 33.88    | 33.73    |
| 500m       |          |          |          |          |          | 33.90    | 33.95    | 33.97    | 34.04    | 34.15    |          |          |          | 34.00    | 33.98    |
| 600m       |          |          |          |          |          |          | 34.04    | 34.11    | 34.15    | 34.19    |          |          |          |          | 34.08    |
| 700m       |          |          |          |          |          |          | 34.18    | 34.17    | 34.21    | 34.24    |          |          |          |          |          |
| 800m       |          |          |          |          |          |          |          | 34.24    | 34.26    | 34.29    |          |          |          |          |          |
| 900m       |          |          |          |          |          |          |          | 34.31    | 34.32    | 34.32    |          |          |          |          |          |
| 1000m      |          |          |          |          |          |          |          |          | 34.35    | 34.35    |          |          |          |          |          |
| 底水温測定水深(m) | 47       | 98       | 123      | 302      | 513      | 702      | 982      | 1002     |          | 16       | 21       | 71       | 162      | 502      | 663      |
| 底水温(°C)    | 14.5     | 11.8     | 10.2     | 3.6      | 3.6      | 3.4      | 3.0      | 2.8      |          | 16.8     | 16.5     | 13.8     | 9.0      | 3.8      | 3.6      |
| ルバックネット    | 10       |          | 9        |          | 8        |          | 7        |          | 6        |          | 17       |          | 16       |          |          |
| ワイヤー長      | 45       |          | 120      |          | 150      |          | 150      |          | 150      |          | 70       |          | 150      |          |          |
| 傾角         | 3        |          | 8        |          | 3        |          | 15       |          | 14       |          | 28       |          | 8        |          |          |
| 回転数        | 440      |          | 1140     |          | 1470     |          | 1382     |          | 1428     |          | 725      |          | 1422     |          |          |
| ルバックネット瓶番号 | 10       |          | 9        |          | 8        |          | 7        |          | 6        |          | 17       |          | 16       |          |          |

茨城県 海洋観測結果(2022年8月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| O-7      | O-8      | O-9      | O-10     | K-1      | K-2      | K-3      | K-4      | K-5      | K-6      | I-1      | I-2      | I-3      | I-4      | I-5      |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  |
| 141° 15' | 141° 30' | 141° 45' | 142° 00' | 140° 45' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' |
| 8/2      | 8/2      | 8/2      | 8/1      | 8/1      | 8/1      | 8/2      | 8/2      | 8/2      | 8/1      | 8/1      | 8/1      | 8/1      | 8/1      | 8/1      |
| 17:55    | 16:30    | 15:03    | 21:50    | 10:37    | 11:48    | 10:31    | 11:55    | 13:23    | 20:02    | 13:36    | 14:42    | 15:55    | 17:23    | 18:29    |
| 18:24    | 16:58    | 15:32    | 22:25    | 10:45    | 12:07    | 11:03    | 12:25    | 13:49    | 20:28    | 13:46    | 15:04    | 16:17    | 17:41    | 18:51    |
| SSW      | SSW      | SW       | S        | ESE      | SE       | WSW      | W        | SW       | SSW      | SWS      | SWS      | SW       | SW       | SW       |
| 3        | 3        | 2        | 2        | 2        | 2        | 3        | 2        | 3        | 2        | 2        | 3        | 3        | 3        | 3        |
| BC       | BC       | BC       | C        | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       |
| 1010.5   | 1010.5   | 1010.3   | 1013.1   | 1013     | 1012.6   | 1012     | 1011.2   | 1010.6   | 1013     | 1012.1   | 1011.8   | 1011.5   | 1011.9   | 1012.2   |
| 28.2     | 28.9     | 30       | 28.1     | 23.5     | 27.9     | 27.1     | 27.6     | 28.7     | 28.7     | 27       | 28.1     | 29       | 29.8     | 28.7     |
| 1        | 1        | 1        |          | 1        | 1        | 1        | 1        | 1        |          | 1        | 1        | 1        | 1        | 1        |
| SSE1     | S1       | S2       |          | ENE1     | E1       | SE1      | S2       | W1       |          | S1       | S1       | SW2      | SW2      | SW2      |
| 3        | 3        | 3        |          | 4        | 3        | 3        | 3        | 1        |          | 5        | 2        | 2        | 1        | 1        |
| 7        | 10       | 13       |          | 8        | 13       | 8        | 8        | 29       |          | 4        | 6        | 15       | 9        |          |
| 979      |          |          |          | 24.6     | 222      | 817      |          |          |          | 79       | 247      |          |          |          |
| 182      | 92       | 338      | 63       | 151      | 326      | 85       | 9        | 35       | 57       | 99       | 49       | 48       | 63       | 44       |
| 0.6      | 0.3      | 0.4      | 0.8      | 1.1      | 0.2      | 0.7      | 1.1      | 4.0      | 2.6      | 0.8      | 1.1      | 3.3      | 2.9      | 2.9      |
| 183      | 95       | 351      | 39       |          | 65       | 97       | 48       | 33       | 48       | 72       | 7        | 43       | 57       | 45       |
| 0.6      | 0.4      | 0.5      | 0.3      |          | 0.5      | 0.5      | 0.8      | 2.9      | 2.1      | 0.3      | 0.9      | 3.0      | 2.3      | 2.5      |
| 175      | 70       | 316      | 39       |          | 20       | 56       | 46       | 38       | 52       |          | 347      | 32       | 48       | 39       |
| 0.7      | 0.3      | 0.2      | 0.5      |          | 0.3      | 0.3      | 0.4      | 2.1      | 1.9      |          | 0.4      | 2.5      | 2.0      | 3.0      |
| 26.6     | 26.3     | 26.4     | 26.4     | 23.5     | 24.9     | 24.1     | 26.7     | 28.1     | 26.4     | 20.4     | 26.8     | 27.8     | 29.7     | 29.2     |
| 20.7     | 18.7     | 21.4     | 22.7     | 17.5     | 19.8     | 20.7     | 23.8     | 27.8     | 25.6     | 17.0     | 24.5     | 26.7     | 28.6     | 28.7     |
| 16.8     | 16.9     | 19.7     | 17.9     |          | 17.3     | 17.9     | 22.8     | 26.1     | 24.9     | 15.1     | 20.9     | 25.7     | 28.1     | 27.9     |
| 14.8     | 15.4     | 18.1     | 17.5     |          | 14.8     | 15.7     | 21.0     | 25.0     | 24.5     | 14.3     | 19.5     | 24.7     | 26.7     | 26.8     |
| 12.9     | 12.7     | 17.0     | 15.7     |          | 13.2     | 12.6     | 15.3     | 22.3     | 23.0     | 14.0     | 18.3     | 22.2     | 25.5     | 25.5     |
| 11.6     | 11.6     | 14.0     | 14.9     |          | 12.9     | 11.0     | 15.6     | 19.6     | 20.8     |          | 14.4     | 19.7     | 23.2     | 24.0     |
| 10.0     | 11.1     | 14.6     | 14.5     |          | 11.7     | 10.7     | 13.7     | 18.1     | 19.7     |          | 12.9     | 19.0     | 20.7     | 21.7     |
| 10.6     | 10.0     | 13.3     | 12.2     |          | 10.8     | 11.1     | 11.3     | 16.2     | 18.6     |          | 12.0     | 18.3     | 20.0     | 20.4     |
| 8.8      | 9.5      | 11.7     | 10.4     |          | 10.7     | 9.9      | 10.4     | 15.0     | 16.7     |          | 12.1     | 16.4     | 18.6     | 18.5     |
| 7.4      | 9.1      | 9.4      | 10.1     |          | 10.5     | 8.7      | 9.5      | 14.0     | 16.0     |          | 9.4      | 14.5     | 17.2     | 17.2     |
| 7.6      | 5.8      | 7.4      | 9.5      |          | 10.2     | 5.7      | 9.4      | 13.2     | 15.0     |          | 8.4      | 13.8     | 16.1     | 16.6     |
| 6.2      | 4.0      | 5.5      | 4.8      |          |          | 5.0      | 5.4      | 8.8      | 13.1     |          |          | 11.5     | 13.8     | 15.3     |
| 4.3      | 4.9      | 5.3      | 4.3      |          |          | 4.3      | 7.2      | 5.7      | 9.9      |          |          | 8.8      | 10.8     | 13.9     |
| 3.9      | 4.0      | 4.0      | 6.2      |          |          | 5.6      | 6.1      | 6.3      | 5.9      |          |          | 4.2      | 8.0      | 9.9      |
| 3.6      | 4.2      | 4.6      | 5.1      |          |          | 4.2      | 4.7      | 4.0      | 5.8      |          |          | 3.9      | 6.8      | 7.1      |
| 3.6      | 3.9      | 4.1      | 4.3      |          |          | 3.6      | 4.2      | 4.3      | 4.2      |          |          | 3.9      |          | 6.4      |
| 3.5      | 3.5      | 3.8      | 3.9      |          |          | 3.6      | 3.5      | 4.0      | 4.0      |          |          |          |          | 5.1      |
| 3.5      | 3.3      | 3.6      | 3.6      |          |          | 3.3      | 3.4      | 3.6      | 3.8      |          |          |          |          | 4.3      |
| 3.2      | 3.0      | 3.3      | 3.3      |          |          |          | 3.3      | 3.2      | 3.3      |          |          |          |          | 3.8      |
|          | 2.9      | 3.0      | 3.1      |          |          |          | 2.9      | 3.0      | 3.1      |          |          |          |          | 3.3      |
|          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 33.31    | 33.50    | 33.68    | 33.57    | 33.44    | 33.33    | 33.22    | 33.69    | 34.02    | 33.83    | 33.44    | 33.94    | 33.88    | 33.93    | 33.93    |
| 33.58    | 33.68    | 34.26    | 33.69    |          | 33.79    | 33.61    | 33.83    | 34.18    | 33.89    | 33.57    | 34.27    | 34.14    | 33.95    | 33.96    |
| 33.87    | 34.01    | 34.39    | 34.31    |          | 33.86    | 33.74    | 33.92    | 34.42    | 34.29    | 33.66    | 34.38    | 34.24    | 34.13    | 34.18    |
| 33.99    | 34.00    | 34.26    | 34.18    |          | 33.88    | 33.88    | 33.76    | 34.42    | 34.39    | 33.70    | 34.31    | 34.32    | 34.03    | 34.30    |
| 33.96    | 34.03    | 33.88    | 34.25    |          | 33.87    | 33.90    | 34.52    | 34.49    | 34.33    |          | 33.91    | 34.52    | 34.44    | 34.48    |
| 33.92    | 34.18    | 34.51    | 34.41    |          | 33.98    | 34.03    | 34.21    | 34.54    | 34.51    |          | 33.99    | 34.50    | 34.61    | 34.62    |
| 34.28    | 34.06    | 34.37    | 34.08    |          | 33.92    | 34.28    | 33.93    | 34.54    | 34.62    |          | 34.22    | 34.54    | 34.67    | 34.66    |
| 34.02    | 34.16    | 34.25    | 33.97    |          | 34.07    | 34.01    | 33.93    | 34.53    | 34.60    |          | 34.28    | 34.58    | 34.61    | 34.58    |
| 33.89    | 34.20    | 34.04    | 34.12    |          | 34.18    | 34.02    | 33.93    | 34.48    | 34.63    |          | 34.19    | 34.51    | 34.60    | 34.59    |
| 34.02    | 33.65    | 33.84    | 34.13    |          | 34.17    | 33.63    | 34.10    | 34.44    | 34.56    |          | 34.13    | 34.48    | 34.57    | 34.61    |
| 33.93    | 33.52    | 33.71    | 33.55    |          |          | 33.68    | 33.62    | 33.96    | 34.44    |          |          | 34.35    | 34.48    | 34.56    |
| 33.72    | 33.75    | 33.78    | 33.59    |          |          | 33.64    | 34.12    | 33.67    | 34.26    |          |          | 34.25    | 34.25    | 34.49    |
| 33.78    | 33.78    | 33.84    | 34.17    |          |          | 34.01    | 34.14    | 34.10    | 33.92    |          |          | 33.84    | 34.19    | 34.22    |
| 33.92    | 33.99    | 34.12    | 34.18    |          |          | 34.02    | 34.12    | 33.94    | 34.14    |          |          | 33.97    | 34.20    | 34.14    |
| 34.08    | 34.10    | 34.17    | 34.19    |          |          | 34.08    | 34.19    | 34.15    | 34.24    |          |          | 34.13    |          | 34.16    |
| 34.16    | 34.16    | 34.23    | 34.24    |          |          | 34.15    | 34.19    | 34.22    | 34.21    |          |          |          |          | 34.25    |
| 34.21    | 34.23    | 34.32    | 34.30    |          |          | 34.24    | 34.27    | 34.28    | 34.21    |          |          |          |          | 34.30    |
| 34.27    | 34.29    | 34.35    | 34.34    |          |          |          | 34.31    | 34.32    | 34.30    |          |          |          |          | 34.34    |
|          | 34.35    | 34.38    | 34.38    |          |          |          | 34.34    | 34.37    | 34.35    |          |          |          |          | 34.36    |
| 952      | 1003     | 1003     | 1001     | 19       | 212      | 802      | 1002     | 1002     | 1002     | 71       | 236      | 676      | 502      | 1003     |
| 3.2      | 2.9      | 3.0      | 3.1      | 15.4     | 10.0     | 3.3      | 2.9      | 3.0      | 3.1      | 13.6     | 7.3      | 3.5      | 6.8      | 3.3      |
| 15       | 14       | 13       | 5        | 1        | 2        | 11       | 12       |          |          | 3        | 4        |          |          |          |
| 150      | 150      | 150      | 150      | 18       | 150      | 150      | 150      |          |          | 70       | 150      |          |          |          |
| 15       | 21       | 9        | 42       | 12       | 3        | 3        | 13       |          |          | 10       | 33       |          |          |          |
| 1402     | 1510     | 1360     | 1733     | 245      | 1430     | 1358     | 1504     |          |          | 1730     | 1576     |          |          |          |
| 15       | 14       | 13       | 5        | 1        | 2        | 11       | 12       |          |          | 3        | 4        |          |          |          |

茨城県 海洋観測結果(2022年9月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| St.No.     | A-1      | A-2      | A-3      | A-4      | A-5      | A-6      | A-7      | A-8      | A-9      | O-1      | O-2      | O-3      | O-4      | O-5      | O-6      |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 緯度N        | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  |
| 経度E        | 140° 46' | 140° 52' | 140° 58' | 141° 04' | 141° 11' | 141° 20' | 141° 30' | 141° 45' | 142° 00' | 140° 38' | 140° 41' | 140° 47' | 140° 53' | 140° 59' | 141° 06' |
| 月日         | 9/6      | 9/6      | 9/6      | 9/6      | 9/6      | 9/6      | 9/6      | 9/5      | 9/5      | 9/5      | 9/5      | 9/5      | 9/5      | 9/5      | 9/5      |
| 開始         | 5:38     | 5:07     | 4:24     | 3:39     | 2:42     | 1:40     | 0:10     | 22:29    | 20:40    | 8:50     | 9:08     | 9:43     | 10:28    | 11:10    | 12:10    |
| 終了         | 5:43     | 5:14     | 4:28     | 3:50     | 3:06     | 1:59     | 0:46     | 22:57    | 21:14    | 8:54     | 9:12     | 9:54     | 10:34    | 11:32    | 12:45    |
| 風向         | SSE      | NNW      | N        | SE       | SE       | SE       | SE       | E        | NE       | NE       | NNE      | NNE      | NNE      | N        | NNE      |
| 風力         | 1        | 1        | 2        | 2        | 2        | 2        | 3        | 2        | 1        | 3        | 3        | 3        | 3        | 3        | 3        |
| 天気         | C        | C        | C        | C        | C        | C        | C        | D        | C        | C        | BC       | BC       | BC       | BC       | C        |
| 気圧         | 1014.0   | 1013.9   | 1013.8   | 1013.8   | 1014.0   | 1014.3   | 1014.9   | 1016.3   | 1016.4   | 1017     | 1016.9   | 1017     | 1017     | 1016.6   | 1016.3   |
| 気温         | 23.9     | 24       | 23.9     | 24.3     | 24.3     | 24.2     | 23.8     | 23.7     | 24.1     | 24.7     | 24.8     | 25.1     | 25.2     | 26.3     | 25.6     |
| 風浪         | 2        | 2        |          |          |          |          |          |          |          | 3        | 3        | 3        | 3        | 3        | 3        |
| うねり        | ENE1     | NNE1     |          |          |          |          |          |          |          | N1       | NNE1     | NNE1     | NNE1     | NE1      | NNE1     |
| 水色         |          |          |          |          |          |          |          |          |          | 5        | 5        | 3        | 3        | 3        | 3        |
| 透明度        |          |          |          |          |          |          |          |          |          | 10       | 11       | 14       | 12       | 16       | 12       |
| 水深         | 55       | 101      | 141      | 310      | 521      | 724      | 1000     |          |          | 23       | 29       | 79       | 177      | 516      | 683      |
| 流向(10m)    | 208      | 242      | 307      | 262      | 240      | 151      | 127      | 127      | 142      | 76       | 87       | 161      | 212      | 262      | 296      |
| 流速(10m)    | 0.9      | 0.8      | 0.8      | 0.8      | 0.5      | 0.8      | 1.3      | 1.5      | 0.7      | 0.2      | 2.6      | 0.8      | 1.2      | 0.5      | 1.3      |
| 流向(50m)    | 268      | 241      | 282      | 225      | 238      | 148      | 130      | 122      | 173      |          |          | 98       | 163      | 294      | 298      |
| 流速(50m)    | 1.9      | 1.2      | 0.5      | 0.4      | 0.5      | 0.7      | 1.5      | 1.1      | 0.4      |          |          | 3.1      | 0.7      | 0.6      | 1.1      |
| 流向(100m)   |          |          | 76       | 164      | 112      | 132      | 130      | 148      | 178      |          |          |          | 219      | 320      | 302      |
| 流速(100m)   |          |          | 0.1      | 0.2      | 0.4      | 0.9      | 1.3      | 0.8      | 0.3      |          |          |          | 0.5      | 0.6      | 0.7      |
| 水温 0m      | 23.7     | 23.7     | 23.4     | 23.3     | 23.3     | 23.3     | 23.3     | 23.3     | 23.3     | 23.1     | 22.9     | 23.4     | 23.4     | 24.1     | 24.0     |
| 10m        | 22.8     | 23.2     | 21.5     | 22.5     | 21.9     | 22.1     | 22.9     | 23.0     | 22.6     | 23.0     | 22.7     | 22.9     | 23.0     | 23.5     | 23.7     |
| 20m        | 21.9     | 22.1     | 20.5     | 21.4     | 21.2     | 20.7     | 21.1     | 20.6     | 21.5     |          | 21.7     | 21.5     | 22.6     | 22.9     | 19.3     |
| 30m        | 20.3     | 20.6     | 19.9     | 20.7     | 20.2     | 20.2     | 19.8     | 18.9     | 19.0     |          |          | 18.8     | 19.8     | 20.8     | 18.9     |
| 50m        | 18.2     | 18.9     | 17.7     | 17.5     | 18.2     | 18.2     | 18.4     | 17.0     | 16.7     |          |          | 16.7     | 14.3     | 16.5     | 16.7     |
| 75m        |          | 17.0     | 16.7     | 16.2     | 16.2     | 16.5     | 16.9     | 13.8     | 13.4     |          |          | 15.2     | 11.1     | 15.2     | 15.3     |
| 100m       |          |          | 16.2     | 16.4     | 15.9     | 15.7     | 14.8     | 11.2     | 12.1     |          |          |          | 10.7     | 14.1     | 14.2     |
| 125m       |          |          | 14.8     | 15.5     | 14.8     | 14.9     | 11.7     | 10.1     | 10.4     |          |          |          | 10.4     | 12.9     | 13.5     |
| 150m       |          |          |          | 14.2     | 13.4     | 11.2     | 9.8      | 8.7      | 9.7      |          |          |          | 10.2     | 12.0     | 11.6     |
| 175m       |          |          |          | 11.1     | 11.1     | 9.9      | 8.3      | 7.7      | 8.4      |          |          |          |          | 10.9     | 9.6      |
| 200m       |          |          |          | 10.4     | 10.4     | 9.1      | 7.6      | 6.5      | 7.0      |          |          |          |          | 9.1      | 10.0     |
| 250m       |          |          |          | 8.7      | 8.6      | 7.6      | 6.0      | 4.7      | 4.7      |          |          |          |          | 6.9      | 6.5      |
| 300m       |          |          |          |          | 4.9      | 5.0      | 4.1      | 4.1      | 4.1      |          |          |          |          | 4.4      | 5.0      |
| 400m       |          |          |          |          | 4.1      | 4.1      | 3.8      | 3.4      | 5.6      |          |          |          |          | 3.9      | 3.8      |
| 500m       |          |          |          |          | 4.0      | 4.1      | 4.0      | 4.1      | 4.9      |          |          |          |          |          | 3.8      |
| 600m       |          |          |          |          |          | 3.9      | 3.7      | 3.9      | 3.5      |          |          |          |          |          | 3.8      |
| 700m       |          |          |          |          |          | 3.7      | 3.5      | 3.5      | 3.5      |          |          |          |          |          |          |
| 800m       |          |          |          |          |          |          | 3.3      | 3.3      | 3.2      |          |          |          |          |          |          |
| 900m       |          |          |          |          |          |          | 3.1      | 3.3      | 3.0      |          |          |          |          |          |          |
| 1000m      |          |          |          |          |          |          |          | 3.0      | 2.8      |          |          |          |          |          |          |
| 塩分0m       |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 10m        | 33.00    | 32.91    | 33.26    | 33.18    | 33.39    | 33.31    | 33.22    | 33.14    | 33.32    | 33.07    | 33.11    | 33.20    | 33.74    | 33.76    | 33.61    |
| 20m        | 33.32    | 33.16    | 33.50    | 33.39    | 33.50    | 33.55    | 33.46    | 33.43    | 33.40    |          | 33.33    | 33.42    | 33.88    | 34.02    | 33.59    |
| 30m        | 33.55    | 33.58    | 33.64    | 33.54    | 33.63    | 33.63    | 33.69    | 33.63    | 33.67    |          |          | 33.74    | 33.67    | 34.20    | 34.28    |
| 50m        | 33.76    | 33.70    | 33.71    | 33.81    | 33.84    | 33.82    | 33.84    | 33.77    | 33.69    |          |          | 34.01    | 33.84    | 34.55    | 34.55    |
| 75m        |          | 34.45    | 34.56    | 33.95    | 33.82    | 33.97    | 33.94    | 33.95    | 34.03    |          |          | 34.09    | 33.99    | 34.53    | 34.51    |
| 100m       |          |          | 34.56    | 34.56    | 34.40    | 34.49    | 34.20    | 34.04    | 34.01    |          |          |          | 33.97    | 34.49    | 34.49    |
| 125m       |          |          | 34.48    | 34.53    | 34.50    | 34.51    | 33.99    | 33.97    | 33.88    |          |          |          | 33.93    | 34.43    | 34.46    |
| 150m       |          |          |          | 34.48    | 34.37    | 34.02    | 33.93    | 33.86    | 33.88    |          |          |          | 33.93    | 34.38    | 34.23    |
| 175m       |          |          |          | 34.00    | 34.00    | 33.93    | 33.82    | 33.82    | 33.77    |          |          |          |          | 34.18    | 33.94    |
| 200m       |          |          |          | 33.98    | 33.97    | 33.88    | 33.79    | 33.72    | 33.71    |          |          |          |          | 33.95    | 34.21    |
| 250m       |          |          |          | 33.86    | 33.84    | 33.85    | 33.68    | 33.54    | 33.57    |          |          |          |          | 33.80    | 33.72    |
| 300m       |          |          |          |          | 33.58    | 33.59    | 33.56    | 33.58    | 33.61    |          |          |          |          | 33.56    | 33.59    |
| 400m       |          |          |          |          | 33.70    | 33.66    | 33.68    | 33.69    | 34.09    |          |          |          |          | 33.69    | 33.65    |
| 500m       |          |          |          |          | 33.90    | 33.88    | 33.91    | 34.00    | 34.21    |          |          |          |          |          | 33.84    |
| 600m       |          |          |          |          |          | 33.96    | 34.05    | 34.13    | 34.14    |          |          |          |          |          | 34.02    |
| 700m       |          |          |          |          |          | 34.07    | 34.16    | 34.19    | 34.22    |          |          |          |          |          |          |
| 800m       |          |          |          |          |          |          | 34.24    | 34.27    | 34.28    |          |          |          |          |          |          |
| 900m       |          |          |          |          |          |          | 34.30    | 34.32    | 34.33    |          |          |          |          |          |          |
| 1000m      |          |          |          |          |          |          |          | 34.37    | 34.36    |          |          |          |          |          |          |
| 底水温測定水深(m) | 51       | 93       | 132      | 292      | 502      | 702      | 982      | 1001     |          | 19       | 25       | 75       | 167      | 482      | 662      |
| 底水温(°C)    | 18.1     | 15.1     | 12.3     | 8.3      | 4.0      | 3.7      | 2.9      | 3.0      |          | 22.4     | 21.0     | 15.2     | 10.2     | 4.1      | 3.5      |
| ルバックネット    | 11       |          | 10       |          | 9        |          | 8        |          | 7        |          | 1        |          | 2        |          |          |
| ワイヤー長      | 50       |          | 130      |          | 150      |          | 150      |          | 150      |          | 73       |          | 150      |          |          |
| 傾角         | 13       |          | 13       |          | 3        |          | 20       |          | 21       |          | 22       |          | 5        |          |          |
| 回転数        | 452      |          | 1278     |          | 1470     |          | 1155     |          | 1499     |          | 730      |          | 1276     |          |          |
| ルバックネット瓶番号 | 11       |          | 10       |          | 9        |          | 8        |          | 7        |          | 1        |          | 2        |          |          |

茨城県 海洋観測結果(2022年9月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| O-7      | O-8      | O-9      | O-10     | K-1      | K-2      | K-3      | K-4      | K-5      | K-6      | I-1      | I-2      | I-3      | I-4      | I-5      |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  |
| 141° 15' | 141° 30' | 141° 45' | 142° 00' | 140° 45' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' |
| 9/5      | 9/5      | 9/5      | 9/5      | 9/8      | 9/8      | 9/8      | 9/8      | 9/7      | 9/7      | 9/7      | 9/7      | 9/7      | 9/7      | 9/7      |
| 13:41    | 15:29    | 17:17    | 18:58    | 11:05    | 5:40     | 3:14     | 1:25     | 23:43    | 21:52    | 13:44    | 15:11    | 16:35    | 19:45    | 19:45    |
| 14:14    | 16:03    | 17:50    | 19:20    | 11:12    | 5:50     | 3:45     | 2:00     | 0:10     | 22:17    | 13:56    | 15:25    | 17:01    | 20:10    | 20:10    |
| NE       | ESE      | ESE      | E        | SE       | NE       | NEN      | N        | ENE      | E        | SSE      | SE       | SE       | E        | E        |
| 3        | 3        | 4        | 3        | 3        | 5        | 4        | 4        | 2        | 3        | 3        | 2        | 2        | 2        | 3        |
| C        | C        | C        | R        | C        | C        | F        | BC       | BC       | BC       | C        | C        | BC       | C        | BC       |
| 1015.5   | 1014.7   | 1015     | 1015.7   | 1012.3   | 1014.2   | 1013.6   | 1013.7   | 1014     | 1014.2   | 1011.9   | 1012.3   | 1013.1   | 1013.1   | 1014.2   |
| 25       | 24.6     | 24.6     | 21.7     | 25.9     | 23.2     | 23.8     | 25.3     | 27.2     | 27.7     | 26.4     | 27.2     | 27.9     | 27.6     | 27.9     |
| 3        | 3        | 3        |          | 2        | 4        |          |          |          |          | 2        | 2        | 2        |          |          |
| NNE1     | ENE1     | ENE1     |          | ESE1     | NNE2     |          |          |          |          | ESE1     | SE1      | ENE3     |          |          |
| 3        | 2        | 3        |          | 6        |          |          |          |          |          | 4        | 3        | 2        |          |          |
| 11       | 12       | 17       |          | 4        |          |          |          |          |          | 5        | 12       | 12       |          |          |
| 986      |          |          |          | 27       | 229      | 824      |          |          |          | 79       | 223      |          |          |          |
| 310      | 241      | 352      | 58       | 145      | 116      | 147      | 111      | 46       | 34       | 15       | 310      | 44       | 43       | 39       |
| 0.9      | 0.3      | 0.4      | 1.9      | 1.1      | 0.4      | 0.5      | 1.1      | 2.5      | 2.5      | 0.8      | 0.2      | 3.2      | 3.1      | 2.8      |
| 280      | 275      | 24       | 60       | 154      | 83       | 213      | 119      | 49       | 33       | 349      | 12       | 29       | 38       | 39       |
| 1.1      | 1.0      | 0.4      | 1.6      | 1.5      | 0.2      | 0.3      | 0.6      | 2.1      | 2.8      | 0.1      | 0.4      | 3.2      | 3.0      | 2.7      |
| 305      | 304      | 42       | 50       | 161      | 104      | 203      | 134      | 46       | 24       | 284      | 339      | 41       | 36       | 36       |
| 0.5      | 0.3      | 0.7      | 1.3      | 2.2      | 0.4      | 0.4      | 0.8      | 1.7      | 2.5      | 3.3      | 0.4      | 2.3      | 2.4      | 2.7      |
| 24.0     | 24.2     | 24.1     | 27.2     | 24.4     | 24.1     | 24.8     | 24.5     | 27.2     | 28.6     | 25.0     | 26.5     | 26.9     | 28.3     | 29.2     |
| 22.9     | 23.7     | 23.1     | 25.5     | 23.2     | 23.5     | 23.9     | 23.7     | 26.2     | 28.0     | 22.7     | 24.2     | 26.3     | 27.0     | 28.8     |
| 20.8     | 22.1     | 22.5     | 23.6     | 22.2     | 21.7     | 17.9     | 21.7     | 24.7     | 26.0     | 21.7     | 23.0     | 25.5     | 26.9     | 27.6     |
| 18.5     | 19.0     | 19.6     | 23.1     |          | 18.3     | 15.2     | 18.7     | 23.1     | 25.5     | 21.1     | 21.7     | 24.2     | 25.8     | 26.0     |
| 15.6     | 16.1     | 16.7     | 17.0     |          | 14.6     | 12.8     | 15.6     | 19.2     | 23.4     | 16.0     | 17.9     | 21.5     | 23.8     | 24.3     |
| 13.4     | 13.0     | 15.1     | 17.0     |          | 12.4     | 11.6     | 13.4     | 17.4     | 20.8     |          | 16.0     | 18.6     | 22.1     | 22.6     |
| 10.7     | 10.8     | 13.2     | 15.3     |          | 11.1     | 11.1     | 13.0     | 16.7     | 19.6     |          | 13.4     | 17.0     | 21.1     | 21.1     |
| 10.0     | 9.6      | 12.1     | 14.2     |          | 10.2     | 10.5     | 9.9      | 15.4     | 18.6     |          | 11.5     | 15.7     | 19.6     | 19.1     |
| 9.9      | 8.9      | 11.5     | 12.9     |          | 9.6      | 9.1      | 10.8     | 13.3     | 17.0     |          | 10.5     | 15.0     | 18.7     | 17.9     |
| 9.0      | 7.9      | 10.0     | 11.6     |          | 8.9      | 8.2      | 10.3     | 12.4     | 15.9     |          | 9.9      | 14.9     | 17.2     | 16.6     |
| 7.7      | 6.5      | 8.9      | 10.9     |          | 7.6      | 7.3      | 9.6      | 12.0     | 15.3     |          | 8.8      | 13.9     | 15.9     | 16.3     |
| 5.5      | 5.1      | 6.3      | 9.6      |          |          | 5.1      | 7.9      | 9.5      | 12.4     |          |          | 11.1     | 12.8     | 15.7     |
| 4.7      | 4.2      | 4.8      | 8.6      |          |          | 4.1      | 7.2      | 6.7      | 10.8     |          |          | 7.2      | 11.3     | 13.9     |
| 3.7      | 3.7      | 4.2      | 6.9      |          |          | 3.8      | 3.9      | 5.6      | 7.6      |          |          | 4.4      | 8.7      | 11.0     |
| 4.0      | 3.8      | 4.3      | 4.7      |          |          | 3.9      | 3.8      | 5.0      | 6.1      |          |          | 4.0      | 6.2      | 8.6      |
| 3.7      | 3.7      | 3.7      | 4.3      |          |          | 3.9      | 3.7      | 4.3      | 5.0      |          |          | 4.4      | 5.1      | 6.3      |
| 3.7      | 3.4      | 3.4      | 3.8      |          |          | 3.6      | 3.5      | 3.8      | 4.5      |          |          | 3.6      | 4.4      | 5.2      |
| 3.4      | 3.4      | 3.2      | 3.4      |          |          | 3.3      | 3.3      | 3.3      | 3.7      |          |          | 3.3      | 3.8      | 4.4      |
| 3.1      | 3.1      | 3.0      | 3.2      |          |          |          | 3.1      | 3.2      | 3.3      |          |          | 3.1      | 3.5      | 3.9      |
|          | 3.0      | 2.9      | 2.9      |          |          |          | 2.9      | 2.9      | 3.3      |          |          | 2.9      | 3.0      | 3.5      |
|          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 33.25    | 33.31    | 33.27    | 33.70    | 33.10    | 33.58    | 33.93    | 33.63    | 33.79    | 33.97    | 33.00    | 33.38    | 33.70    | 33.77    | 33.87    |
| 33.57    | 33.34    | 33.46    | 33.53    | 33.25    | 33.77    | 33.62    | 33.44    | 33.95    | 34.06    | 33.23    | 33.50    | 33.78    | 33.77    | 34.19    |
| 33.68    | 33.71    | 33.63    | 34.07    |          | 33.80    | 33.74    | 33.54    | 34.16    | 34.14    | 33.34    | 34.13    | 33.89    | 33.83    | 34.29    |
| 33.91    | 33.87    | 33.96    | 33.84    |          | 33.90    | 33.87    | 34.48    | 34.19    | 34.41    | 33.87    | 34.27    | 34.07    | 34.35    | 34.41    |
| 33.99    | 33.75    | 34.21    | 34.60    |          | 33.98    | 33.99    | 34.07    | 34.38    | 34.66    |          | 34.53    | 34.58    | 34.48    | 34.61    |
| 33.91    | 33.70    | 33.98    | 34.46    |          | 33.99    | 33.99    | 34.44    | 34.51    | 34.72    |          | 34.11    | 34.55    | 34.64    | 34.62    |
| 33.97    | 33.87    | 34.04    | 34.50    |          | 33.94    | 34.03    | 33.95    | 34.52    | 34.68    |          | 33.96    | 34.54    | 34.71    | 34.67    |
| 34.03    | 33.87    | 34.12    | 34.42    |          | 33.92    | 33.90    | 34.33    | 34.19    | 34.65    |          | 33.94    | 34.54    | 34.68    | 34.69    |
| 33.94    | 33.80    | 33.99    | 34.36    |          | 33.87    | 33.86    | 34.30    | 34.14    | 34.61    |          | 33.92    | 34.53    | 34.66    | 34.66    |
| 33.86    | 33.71    | 33.91    | 34.33    |          | 33.78    | 33.81    | 34.26    | 34.30    | 34.54    |          | 33.86    | 34.47    | 34.58    | 34.63    |
| 33.63    | 33.60    | 33.68    | 34.28    |          |          | 33.61    | 34.10    | 34.23    | 34.39    |          |          | 34.33    | 34.42    | 34.60    |
| 33.58    | 33.56    | 33.61    | 34.23    |          |          | 33.60    | 34.13    | 34.04    | 34.29    |          |          | 33.96    | 34.33    | 34.48    |
| 33.60    | 33.67    | 33.79    | 34.18    |          |          | 33.75    | 33.87    | 34.22    | 34.15    |          |          | 33.84    | 34.18    | 34.29    |
| 33.89    | 33.88    | 33.99    | 34.10    |          |          | 33.94    | 34.00    | 34.24    | 34.21    |          |          | 33.97    | 34.10    | 34.17    |
| 34.00    | 34.05    | 34.09    | 34.20    |          |          | 34.09    | 34.13    | 34.28    | 34.24    |          |          | 34.21    | 34.22    | 34.17    |
| 34.11    | 34.18    | 34.21    | 34.26    |          |          | 34.19    | 34.21    | 34.30    | 34.29    |          |          | 34.23    | 34.27    | 34.22    |
| 34.22    | 34.26    | 34.25    | 34.29    |          |          | 34.28    | 34.28    | 34.31    | 34.28    |          |          | 34.27    | 34.31    | 34.26    |
| 34.30    | 34.31    | 34.30    | 34.34    |          |          |          | 34.33    | 34.35    | 34.30    |          |          | 34.34    | 34.37    | 34.32    |
|          | 34.37    | 34.34    | 34.36    |          |          |          | 34.38    | 34.36    | 34.37    |          |          | 34.36    | 34.36    | 34.36    |
| 961      | 1001     | 1001     | 1002     | 21       | 213      | 802      | 1003     | 1004     | 1002     | 72       | 211      | 1002     | 1004     | 1002     |
| 3.0      | 3.0      | 2.9      | 2.9      | 22.0     | 6.7      | 3.3      | 2.9      | 2.9      | 3.3      | 12.7     | 8.4      | 2.9      | 3.0      | 3.5      |
| 3        | 4        | 5        |          | 12       | 2        | 16       | 15       |          |          | 13       | 14       |          |          |          |
| 150      | 150      | 150      |          | 20       | 150      | 150      | 150      |          |          | 70       | 150      |          |          |          |
| 5        | 0        | 19       |          | 16       | 3        | 5        | 2        |          |          | 6        | 11       |          |          |          |
| 1350     | 1390     | 1315     |          | 192      | 1430     | 1222     | 1548     |          |          | 659      | 1051     |          |          |          |
| 3        | 4        | 5        |          | 12       | 2        | 16       | 15       |          |          | 13       | 14       |          |          |          |



茨城県 海洋観測結果(2022年10月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| St.No.     | A-1      | A-2      | A-3      | A-4      | A-5      | A-6      | A-7      | A-8      | A-9      | O-1      | O-2      | O-3      | O-4      | O-5      | O-6      |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 緯度N        | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  |
| 経度E        | 140° 46' | 140° 52' | 140° 58' | 141° 04' | 141° 11' | 141° 20' | 141° 30' | 141° 45' | 142° 00' | 140° 38' | 140° 41' | 140° 47' | 140° 53' | 140° 59' | 141° 06' |
| 月日         | 10/17    | 10/17    | 10/17    | 10/17    | 10/17    | 10/17    | 10/17    | 10/16    | 10/16    | 10/15    | 10/15    | 10/15    | 10/15    | 10/15    | 10/15    |
| 開始         | 5:20     | 4:49     | 4:09     | 3:20     | 2:00     | 0:50     | 23:26    | 21:40    | 20:00    | 12:52    | 13:19    | 13:55    | 14:39    | 15:36    | 16:25    |
| 終了         | 5:31     | 4:56     | 4:16     | 3:34     | 2:42     | 1:16     | 23:52    | 22:09    | 20:24    | 12:58    | 13:23    | 14:02    | 14:49    | 15:53    | 16:44    |
| 風向         | NW       | W        | SW       | SW       | S        | S        | S        | SE       | SE       | NE       | NE       | NE       | NNE      | NE       | NE       |
| 風力         | 2        | 2        | 2        | 4        | 4        | 3        | 3        | 2        | 2        | 4        | 4        | 4        | 4        | 4        | 4        |
| 天気         | C        | C        | C        | BC       | BC       | BC       | BC       | BC       | BC       | C        | C        | C        | C        | C        | BC       |
| 気圧         | 1013.5   | 1013.7   | 1013.8   | 1014     | 1014.9   | 1015.4   | 1015.9   | 1017.4   | 1017.7   | 1016.1   | 1016.1   | 1016.3   | 1016.1   | 1016.4   | 1016.4   |
| 気温         | 21.2     | 21.9     | 22.7     | 23.3     | 23.3     | 23       | 23.1     | 22.3     | 22.2     | 21.6     | 21.7     | 22.1     | 22.8     | 22.3     | 22.4     |
| 風浪         |          |          |          |          |          |          |          |          |          | 3        | 3        | 3        | 3        | 3        | 3        |
| うねり        |          |          |          |          |          |          |          |          |          | NE4      | NE4      | NE4      | NE4      | NE4      | NE4      |
| 水色         |          |          |          |          |          |          |          |          |          | 6        | 5        | 5        | 4        | 4        | 3        |
| 透明度        |          |          |          |          |          |          |          |          |          | 3        | 9        | 7        | 10       | 9        | 11       |
| 水深         | 55       | 102      | 132      | 332      | 530      | 712      | 996      |          |          | 24       | 31       | 78       | 170      | 519      | 694      |
| 流向(10m)    | 30       | 180      | 166      | 167      | 162      | 27       | 19       | 25       | 22       | 113      | 43       | 49       | 43       | 102      | 50       |
| 流速(10m)    | 0.2      | 0.3      | 0.8      | 1.4      | 1.3      | 1.4      | 2.0      | 1.5      | 2.2      | 1.1      | 1.0      | 0.5      | 0.3      | 0.6      | 0.5      |
| 流向(50m)    |          | 120      | 163      | 185      | 141      | 32       | 19       | 19       | 17       |          |          | 85       | 254      | 156      | 284      |
| 流速(50m)    |          | 0.4      | 0.7      | 1.0      | 1.2      | 1.6      | 1.9      | 1.5      | 2.1      |          |          | 2.7      | 0.2      | 0.6      | 0.1      |
| 流向(100m)   |          |          | 209      | 172      | 184      | 32       | 23       | 17       | 3        |          |          |          | 349      | 191      | 35       |
| 流速(100m)   |          |          | 0.4      | 1.0      | 0.9      | 1.1      | 1.3      | 1.6      | 1.9      |          |          |          | 0.5      | 0.2      | 0.2      |
| 水温 0m      | 22.3     | 23.5     | 24.2     | 24.9     | 23.3     | 23.5     | 25.0     | 25.8     | 25.8     | 21.5     | 22.3     | 23.4     | 24.3     | 23.8     | 23.4     |
| 10m        | 22.2     | 23.3     | 22.4     | 24.9     | 23.3     | 23.5     | 25.0     | 25.8     | 25.8     | 21.5     | 22.3     | 23.3     | 24.2     | 23.7     | 23.4     |
| 20m        | 22.2     | 21.6     | 20.7     | 22.2     | 23.3     | 23.5     | 25.0     | 25.8     | 25.8     |          | 22.3     | 22.5     | 24.1     | 23.7     | 23.4     |
| 30m        | 22.1     | 20.9     | 20.1     | 21.0     | 23.1     | 23.3     | 25.0     | 25.8     | 25.7     |          |          | 21.9     | 19.9     | 22.2     | 23.1     |
| 50m        |          | 19.9     | 19.9     | 21.1     | 19.3     | 19.9     | 24.6     | 25.5     | 25.1     |          |          | 20.2     | 19.6     | 18.3     | 20.0     |
| 75m        |          |          | 17.8     | 18.2     | 19.9     | 18.2     | 20.1     | 21.8     | 23.2     | 22.8     |          |          | 19.3     | 16.7     | 16.3     |
| 100m       |          |          |          | 15.1     | 17.1     | 16.2     | 18.7     | 20.0     | 20.4     | 21.2     |          |          | 14.6     | 15.0     | 14.5     |
| 125m       |          |          |          |          | 13.8     | 13.0     | 16.7     | 18.1     | 18.6     | 19.7     |          |          |          | 10.7     | 13.6     |
| 150m       |          |          |          |          | 11.5     | 11.3     | 14.1     | 15.8     | 18.4     | 18.7     |          |          | 7.7      | 12.4     | 11.8     |
| 175m       |          |          |          |          | 8.4      | 8.4      | 8.4      | 14.0     | 16.7     | 17.8     |          |          |          | 9.8      | 11.1     |
| 200m       |          |          |          |          | 7.4      | 9.3      | 8.6      | 12.3     | 15.6     | 16.9     |          |          |          | 8.6      | 10.4     |
| 250m       |          |          |          |          | 6.3      | 7.7      | 7.6      | 10.0     | 13.7     | 15.2     |          |          |          | 5.9      | 7.0      |
| 300m       |          |          |          |          | 4.5      | 3.6      | 6.7      | 7.9      | 11.8     | 13.6     |          |          |          | 4.5      | 4.6      |
| 400m       |          |          |          |          |          | 4.0      | 5.6      | 6.3      | 9.3      | 11.0     |          |          |          | 4.1      | 3.9      |
| 500m       |          |          |          |          |          | 3.9      | 4.0      | 5.2      | 6.9      | 7.9      |          |          |          | 4.0      | 3.9      |
| 600m       |          |          |          |          |          |          | 3.6      | 3.9      | 5.3      | 6.6      |          |          |          |          | 3.7      |
| 700m       |          |          |          |          |          |          |          | 3.9      | 4.4      | 5.3      |          |          |          |          |          |
| 800m       |          |          |          |          |          |          |          |          | 3.4      | 4.0      | 4.3      |          |          |          |          |
| 900m       |          |          |          |          |          |          |          |          | 3.1      | 3.4      | 4.0      |          |          |          |          |
| 1000m      |          |          |          |          |          |          |          |          |          | 3.1      | 3.5      |          |          |          |          |
| 塩分0m       |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 10m        | 33.84    | 33.97    | 33.83    | 34.11    | 33.88    | 33.95    | 34.08    | 33.96    | 33.98    | 33.57    | 33.83    | 33.94    | 33.97    | 33.86    | 33.83    |
| 20m        | 33.83    | 33.74    | 33.64    | 33.86    | 33.88    | 33.96    | 34.08    | 33.96    | 33.98    |          | 33.83    | 33.89    | 33.96    | 33.86    | 33.83    |
| 30m        | 33.83    | 33.68    | 33.58    | 33.87    | 33.97    | 33.93    | 34.08    | 33.96    | 33.98    |          |          | 33.78    | 33.57    | 34.04    | 33.94    |
| 50m        |          | 33.59    | 33.56    | 34.46    | 34.41    | 33.63    | 34.18    | 34.08    | 34.15    |          |          | 33.62    | 33.59    | 34.23    | 34.35    |
| 75m        |          |          | 33.75    | 33.86    | 34.59    | 34.60    | 34.20    | 34.49    | 34.47    |          |          |          | 33.62    | 34.40    | 34.34    |
| 100m       |          |          |          | 34.01    | 34.59    | 34.39    | 34.56    | 34.54    | 34.61    |          |          |          |          | 33.88    | 34.49    |
| 125m       |          |          |          |          | 34.48    | 34.17    | 34.50    | 34.58    | 34.61    | 34.59    |          |          |          | 33.91    | 34.46    |
| 150m       |          |          |          |          | 34.23    | 34.18    | 34.38    | 34.28    | 34.70    | 34.64    |          |          |          | 33.85    | 34.32    |
| 175m       |          |          |          |          | 33.85    | 33.88    | 34.03    | 34.20    | 34.61    | 34.66    |          |          |          |          | 33.91    |
| 200m       |          |          |          |          | 33.77    | 34.26    | 34.25    | 34.25    | 34.57    | 34.67    |          |          |          |          | 33.91    |
| 250m       |          |          |          |          | 33.71    | 34.15    | 34.21    | 34.10    | 34.47    | 34.56    |          |          |          |          | 33.67    |
| 300m       |          |          |          |          | 33.61    | 33.62    | 34.19    | 34.19    | 34.37    | 34.46    |          |          |          |          | 33.65    |
| 400m       |          |          |          |          |          | 33.79    | 34.20    | 34.19    | 34.27    | 34.32    |          |          |          |          | 33.79    |
| 500m       |          |          |          |          |          | 33.97    | 34.08    | 34.20    | 34.20    | 34.10    |          |          |          |          | 33.90    |
| 600m       |          |          |          |          |          |          | 34.14    | 34.17    | 34.22    | 34.19    |          |          |          |          | 34.12    |
| 700m       |          |          |          |          |          |          |          | 34.26    | 34.27    | 34.20    |          |          |          |          |          |
| 800m       |          |          |          |          |          |          |          |          | 34.27    | 34.31    | 34.22    |          |          |          |          |
| 900m       |          |          |          |          |          |          |          |          | 34.33    | 34.31    | 34.31    |          |          |          |          |
| 1000m      |          |          |          |          |          |          |          |          |          | 34.36    | 34.36    |          |          |          |          |
| 底水温測定水深(m) | 47       | 93       | 121      | 313      | 513      | 682      | 962      | 1002     |          | 16       | 27       | 61       | 152      | 500      | 682      |
| 底水温(°C)    | 20.6     | 14.6     | 13.6     | 4.5      | 3.9      | 3.6      | 2.9      | 3.1      |          | 21.4     | 22.1     | 19.5     | 7.7      | 4.0      | 3.8      |
| ルバックネット    | 5        |          | 4        |          | 3        |          |          |          |          |          |          |          |          |          |          |
| ワイヤー長      | 45       |          | 120      |          | 150      |          |          |          |          |          |          |          |          |          |          |
| 傾角         | 5        |          | 5        |          | 12       |          |          |          |          |          |          |          |          |          |          |
| 回転数        | 390      |          | 1010     |          | 1551     |          |          |          |          |          |          |          |          |          |          |
| ルバックネット瓶番号 | 5        |          | 4        |          | 3        |          |          |          |          |          |          |          |          |          |          |

茨城県 海洋観測結果(2022年10月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| O-7      | O-8      | O-9      | O-10     | K-1      | K-2      | K-3      | K-4      | K-5      | K-6      | I-1      | I-2      | I-3      | I-4      | I-5      |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  |
| 141° 15' | 141° 30' | 141° 45' | 142° 00' | 140° 45' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' |
| 10/15    | 10/15    | 10/15    | 10/16    | 10/16    | 10/16    | 10/16    | 10/16    | 10/15    | 10/16    | 10/16    | 10/16    | 10/16    | 10/16    | 10/16    |
| 17:29    | 19:00    | 20:28    | 17:53    | 4:42     | 3:17     | 1:46     | 0:16     | 22:40    | 15:47    | 7:38     | 9:09     | 10:33    | 12:07    | 13:47    |
| 17:45    | 19:11    | 20:38    | 18:15    | 4:46     | 3:29     | 2:05     | 0:35     | 23:00    | 16:03    | 7:50     | 9:17     | 10:47    | 12:28    | 14:06    |
| NNE      | NE       | NE       | NE       | NE       | NE       | NE       | NE       | NNE      | NE       | NE       | NE       | NE       | NE       | NE       |
| 4        | 5        | 4        | 3        | 4        | 4        | 4        | 4        | 4        | 3        | 4        | 4        | 4        | 4        | 3        |
| BC       | C        | BC       | BC       | C        | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       | B        | BC       |
| 1017.0   | 1017.6   | 1017.5   | 1017.8   | 1018.6   | 1017.8   | 1017.5   | 1017.5   | 1017.2   | 1017.5   | 1019.4   | 1019.2   | 1018.8   | 1017.7   | 1017.5   |
| 22.3     | 22.7     | 22.9     | 22.4     | 21.9     | 22.8     | 23.1     | 23.1     | 23.6     | 22.8     | 23.2     | 24.1     | 24.7     | 24.6     | 24.5     |
| 3        |          |          |          |          |          |          |          |          | 2        | 3        | 3        | 3        | 3        | 2        |
| NE4      |          |          |          |          |          |          |          |          | NE3      | NE3      | NE3      | NE3      | NE3      | 3        |
|          |          |          |          |          |          |          |          |          | 2        | 3        | 3        | 2        | 2        | 2        |
|          |          |          |          |          |          |          |          |          | 16       | 12       | 13       | 14       | 8        | 10       |
|          |          |          |          | 26       | 222      | 852      |          |          |          | 77       | 233      |          |          |          |
| 29       | 16       | 20       | 11       | 270      | 260      | 22       | 7        | 2        | 5        | 49       | 12       | 16       | 356      | 3        |
| 2.4      | 3.1      | 2.7      | 2.3      | 0.4      | 0.7      | 1.9      | 2.0      | 2.7      | 2.1      | 0.4      | 1.8      | 2.8      | 2.5      | 2.2      |
| 20       | 17       | 18       | 13       |          | 281      | 26       | 8        | 8        | 5        | 29       | 13       | 13       | 357      | 4        |
| 2.0      | 3.0      | 2.6      | 2.2      |          | 0.5      | 1.4      | 1.9      | 2.4      | 2.0      | 0.4      | 1.9      | 2.2      | 2.5      | 2.1      |
| 22       | 14       | 13       | 357      |          | 269      | 15       | 13       | 14       | 359      |          | 23       | 18       | 353      | 357      |
| 1.2      | 2.4      | 2.6      | 2.0      |          | 0.4      | 1.3      | 1.8      | 1.9      | 2.1      |          | 1.6      | 2.4      | 1.7      | 2.3      |
| 24.6     | 25.7     | 26.1     | 25.9     | 23.9     | 24.5     | 24.9     | 25.8     | 25.6     | 26.5     | 23.9     | 24.7     | 26.5     | 26.4     | 26.2     |
| 24.1     | 25.7     | 26.2     | 25.9     | 23.9     | 24.5     | 24.9     | 25.8     | 25.7     | 26.5     | 23.8     | 24.7     | 26.5     | 26.3     | 26.2     |
| 23.6     | 25.7     | 26.2     | 25.8     | 23.2     | 24.5     | 24.9     | 25.6     | 25.6     | 26.5     | 23.8     | 24.7     | 26.5     | 26.3     | 26.2     |
| 23.0     | 25.7     | 26.2     | 25.5     |          | 23.2     | 24.9     | 25.5     | 25.6     | 26.5     | 23.8     | 24.7     | 25.7     | 26.3     | 26.2     |
| 20.2     | 25.4     | 26.1     | 25.4     |          | 22.3     | 24.1     | 24.8     | 25.1     | 26.5     | 23.4     | 24.6     | 25.1     | 26.3     | 26.1     |
| 20.2     | 24.0     | 24.7     | 24.1     |          | 18.3     | 20.8     | 22.5     | 22.1     | 25.0     |          | 22.1     | 22.2     | 25.5     | 25.8     |
| 18.4     | 20.7     | 21.6     | 21.7     |          | 16.9     | 18.2     | 19.8     | 20.7     | 22.5     |          | 20.0     | 20.1     | 23.2     | 23.4     |
| 16.4     | 18.9     | 20.0     | 20.2     |          | 14.0     | 17.2     | 17.6     | 19.2     | 20.7     |          | 18.5     | 18.6     | 20.6     | 20.9     |
| 13.1     | 17.6     | 19.4     | 19.4     |          | 12.0     | 16.2     | 16.6     | 18.3     | 19.3     |          | 17.2     | 17.9     | 18.9     | 19.3     |
| 9.9      | 16.6     | 18.1     | 18.4     |          | 10.6     | 13.9     | 15.8     | 17.4     | 18.5     |          | 15.3     | 17.3     | 18.1     | 18.4     |
| 8.8      | 15.2     | 17.2     | 17.9     |          | 8.1      | 12.2     | 14.6     | 16.3     | 17.7     |          | 10.7     | 16.3     | 17.5     | 17.6     |
| 7.7      | 12.6     | 15.5     | 15.9     |          |          | 8.0      | 13.0     | 14.4     | 16.8     |          |          | 14.7     | 16.7     | 16.5     |
| 7.2      | 10.1     | 13.8     | 14.6     |          |          | 7.2      | 11.4     | 12.6     | 15.5     |          |          | 13.2     | 15.1     | 15.5     |
| 4.1      |          |          | 10.9     |          |          | 3.9      | 8.4      | 9.7      | 12.0     |          |          | 9.1      | 11.3     | 12.0     |
| 3.8      |          |          | 8.2      |          |          | 3.9      | 6.1      | 7.6      | 8.6      |          |          | 6.6      | 7.8      | 9.6      |
|          |          |          | 7.0      |          |          |          |          |          |          |          |          |          |          |          |
|          |          |          | 5.4      |          |          |          |          |          |          |          |          |          |          |          |
|          |          |          | 4.7      |          |          |          |          |          |          |          |          |          |          |          |
|          |          |          | 3.9      |          |          |          |          |          |          |          |          |          |          |          |
|          |          |          | 3.6      |          |          |          |          |          |          |          |          |          |          |          |
| 33.99    | 33.94    | 34.00    | 33.96    | 33.99    | 34.05    | 34.00    | 33.97    | 33.91    | 34.10    | 33.95    | 33.95    | 34.16    | 34.05    | 33.97    |
| 33.96    | 33.94    | 34.00    | 33.95    | 33.84    | 34.05    | 34.00    | 33.98    | 33.93    | 34.10    | 33.95    | 33.95    | 34.16    | 34.05    | 33.99    |
| 33.91    | 33.94    | 34.00    | 33.93    |          | 33.94    | 34.00    | 33.99    | 33.95    | 34.10    | 33.96    | 33.95    | 33.98    | 34.05    | 34.00    |
| 33.73    | 33.95    | 34.00    | 34.02    |          | 34.26    | 34.26    | 34.20    | 34.17    | 34.09    | 33.90    | 33.96    | 34.10    | 34.05    | 34.01    |
| 34.24    | 34.34    | 34.42    | 34.33    |          | 34.14    | 34.51    | 34.47    | 34.52    | 34.19    |          | 34.45    | 34.47    | 34.18    | 34.10    |
| 34.57    | 34.58    | 34.59    | 34.59    |          | 34.49    | 34.66    | 34.57    | 34.60    | 34.46    |          | 34.58    | 34.62    | 34.43    | 34.40    |
| 34.35    | 34.67    | 34.67    | 34.66    |          | 34.21    | 34.66    | 34.59    | 34.68    | 34.64    |          | 34.60    | 34.66    | 34.65    | 34.60    |
| 34.22    | 34.64    | 34.68    | 34.67    |          | 34.06    | 34.61    | 34.63    | 34.69    | 34.64    |          | 34.63    | 34.70    | 34.70    | 34.68    |
| 34.17    | 34.64    | 34.69    | 34.67    |          | 34.03    | 34.47    | 34.58    | 34.65    | 34.66    |          | 34.54    | 34.68    | 34.70    | 34.65    |
| 34.24    | 34.54    | 34.61    | 34.68    |          | 33.90    | 34.38    | 34.52    | 34.60    | 34.65    |          | 34.25    | 34.62    | 34.69    | 34.65    |
| 34.19    | 34.41    | 34.58    | 34.57    |          |          | 33.83    | 34.43    | 34.51    | 34.64    |          |          | 34.52    | 34.66    | 34.62    |
| 34.20    | 34.22    | 34.48    | 34.52    |          |          | 33.94    | 34.35    | 34.41    | 34.57    |          |          | 34.44    | 34.55    | 34.59    |
| 33.89    |          |          | 34.29    |          |          | 33.64    | 34.21    | 34.20    | 34.39    |          |          | 34.22    | 34.35    | 34.34    |
| 34.00    |          |          | 34.11    |          |          | 33.82    | 34.17    | 34.17    | 34.11    |          |          | 34.13    | 34.22    | 34.27    |
|          |          |          | 34.18    |          |          |          |          |          |          |          |          |          |          |          |
|          |          |          | 34.14    |          |          |          |          |          |          |          |          |          |          |          |
|          |          |          | 34.25    |          |          |          |          |          |          |          |          |          |          |          |
|          |          |          | 34.27    |          |          |          |          |          |          |          |          |          |          |          |
|          |          |          | 34.31    |          |          |          |          |          |          |          |          |          |          |          |
| 503      | 302      | 306      | 1002     | 22       | 201      | 502      | 502      | 502      | 502      | 69       | 221      | 502      | 502      | 502      |
| 3.8      | 10.0     | 13.6     | 3.6      | 22.7     | 8.0      | 3.9      | 6.1      | 7.5      | 8.3      | 21.1     | 9.5      | 6.6      | 7.8      | 9.5      |
|          |          |          |          | 1        |          |          |          |          |          | 2        |          |          |          |          |
|          |          |          |          | 20       |          |          |          |          |          | 65       |          |          |          |          |
|          |          |          |          | 15       |          |          |          |          |          | 12       |          |          |          |          |
|          |          |          |          | 219      |          |          |          |          |          | 655      |          |          |          |          |
|          |          |          |          | 1        |          |          |          |          |          | 2        |          |          |          |          |

茨城県 海洋観測結果(2022年12月)

調査船:しばらき丸 調査海域:A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| St.No.      | A-1      | A-2      | A-3      | A-4      | A-5      | A-6      | A-7      | A-8      | A-9      | O-1      | O-2      | O-3      | O-4      | O-5      | O-6      |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 緯度N         | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  |
| 経度E         | 140° 46' | 140° 52' | 140° 58' | 141° 04' | 141° 11' | 141° 20' | 141° 30' | 141° 45' | 142° 00' | 140° 38' | 140° 41' | 140° 47' | 140° 53' | 140° 59' | 141° 06' |
| 月日          | 12/14    | 12/14    | 12/14    | 12/16    | 12/16    | 12/16    | 12/16    |          |          | 12/14    | 12/14    | 12/14    | 12/14    | 12/15    | 12/15    |
| 開始          | 14:41    | 15:13    | 15:50    | 3:41     | 2:24     | 1:11     | 23:52    |          |          | 11:47    | 21:45    | 21:10    | 20:44    | 16:10    | 17:00    |
| 終了          | 14:47    | 15:18    | 15:57    | 3:54     | 2:53     | 1:32     | 0:08     |          |          | 11:52    | 21:50    | 21:21    | 20:50    | 16:31    | 17:34    |
| 風向          | NW       | NW       | NW       | W        | WSW      | NW       | NNW      |          |          | W        | NW       | NW       | W        | NW       | W        |
| 風力          | 4        | 4        | 4        | 3        | 2        | 2        | 3        |          |          | 3        | 2        | 3        | 3        | 2        | 3        |
| 天気          | B        | B        | B        | BC       | BC       | BC       | BC       |          |          | B        | BC       | BC       | BC       | B        | B        |
| 気圧          | 1004.8   | 1005.5   | 1006.7   | 1014.1   | 1014.9   | 1015     | 1015.1   |          |          | 1003.6   | 1012.7   | 1012.1   | 1012     | 1012.2   | 1012.8   |
| 気温          | 12.1     | 12.5     | 12       | 10.2     | 9.1      | 9.3      | 9.8      |          |          | 13.9     | 8.3      | 9.2      | 9.4      | 12.1     | 12       |
| 風浪          | 4        | 4        | 4        |          |          |          |          |          |          | 3        |          |          |          | 2        |          |
| うねり         | WNW 4    | NNW      | WNW 5    |          |          |          |          |          |          | NE 4     |          |          |          | W 2      |          |
| 水色          | 3        | 4        | 3        |          |          |          |          |          |          | 4        |          |          |          | 3        |          |
| 透明度         | 9.8      | 9        |          |          |          |          |          |          |          | 13       |          |          |          | 10       |          |
| 水深          | 56       | 103      | 131      | 317      | 543      | 726      | 1005     |          |          | 24       | 29       | 104      | 172      | 489      | 686      |
| 流向(10m)     | 1        | 20       | 47       | 163      | 133      | 104      | 40       |          |          | 88       | 172      | 313      | 14       | 224      | 246      |
| 流速(10m)     | 0.3      | 0.8      | 0.4      | 0.4      | 0.4      | 0.6      | 0.5      |          |          | 0.2      | 0.4      | 0.2      | 0.6      | 0.3      | 0.1      |
| 流向(50m)     |          | 7        | 37       | 157      | 135      | 101      | 57       |          |          |          |          | 282      | 11       | 233      | 203      |
| 流速(50m)     |          | 0.7      | 0.3      | 0.3      | 0.5      | 0.6      | 0.5      |          |          |          |          | 0.1      | 0.5      | 0.4      | 0.1      |
| 流向(100m)    |          |          | 1        | 168      | 180      | 131      | 127      |          |          |          |          |          | 29       | 257      | 1        |
| 流速(100m)    |          |          | 0.4      | 0.4      | 0.6      | 0.8      | 0.7      |          |          |          |          |          | 0.6      | 0.5      | 0.7      |
| 水温 0m       | 19.0     | 19.3     | 19.5     | 19.1     | 19.0     | 19.1     | 19.0     |          |          | 18.8     | 18.7     | 18.9     | 19.1     | 19.0     | 19.0     |
| 10m         | 18.8     | 19.1     | 19.3     | 18.8     | 18.8     | 18.9     | 18.8     |          |          | 18.6     | 18.5     | 18.6     | 18.9     | 18.7     | 18.8     |
| 20m         | 18.8     | 19.1     | 19.3     | 18.8     | 18.8     | 18.9     | 18.8     |          |          |          | 18.5     | 18.6     | 18.9     | 18.7     | 18.8     |
| 30m         | 18.6     | 19.1     | 19.3     | 18.8     | 18.8     | 18.9     | 18.8     |          |          |          |          | 18.6     | 18.9     | 18.7     | 18.8     |
| 50m         |          | 19.1     | 19.2     | 18.8     | 18.8     | 18.9     | 18.8     |          |          |          |          | 18.5     | 18.9     | 18.7     | 18.8     |
| 75m         |          | 18.8     | 18.3     | 17.6     | 18.8     | 18.9     | 17.1     |          |          |          |          |          | 18.7     | 18.4     | 18.7     |
| 100m        |          |          | 16.8     | 16.6     | 16.0     | 14.9     | 15.6     |          |          |          |          |          | 17.2     | 17.1     | 16.0     |
| 125m        |          |          |          | 15.0     | 15.2     | 13.3     | 13.7     |          |          |          |          |          | 16.1     | 16.0     | 15.5     |
| 150m        |          |          |          | 14.3     | 14.0     | 12.8     | 12.2     |          |          |          |          |          | 14.0     | 14.6     | 13.4     |
| 175m        |          |          |          | 12.7     | 13.1     | 12.4     | 10.4     |          |          |          |          |          |          | 12.9     | 11.6     |
| 200m        |          |          |          | 11.7     | 12.0     | 11.9     | 9.2      |          |          |          |          |          |          | 10.7     | 10.9     |
| 250m        |          |          |          | 9.9      | 10.0     | 10.5     | 8.3      |          |          |          |          |          |          | 8.7      | 9.1      |
| 300m        |          |          |          |          | 8.4      | 8.7      | 7.4      |          |          |          |          |          |          | 7.1      | 8.1      |
| 400m        |          |          |          |          | 6.0      | 6.2      | 5.9      |          |          |          |          |          |          | 5.4      | 6.5      |
| 500m        |          |          |          |          | 4.9      | 5.0      | 5.0      |          |          |          |          |          |          |          | 5.6      |
| 600m        |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 4.0      |
| 700m        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 800m        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 900m        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 1000m       |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 塩分0m        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 10m         | 34.43    | 34.43    | 34.46    | 34.47    | 34.47    | 34.47    | 34.47    |          |          | 34.39    | 34.43    | 34.37    | 34.37    | 34.37    | 34.39    |
| 20m         | 34.43    | 34.43    | 34.46    | 34.47    | 34.47    | 34.47    | 34.47    |          |          |          | 34.43    | 34.37    | 34.37    | 34.37    | 34.39    |
| 30m         | 34.40    | 34.43    | 34.46    | 34.47    | 34.47    | 34.47    | 34.47    |          |          |          |          | 34.36    | 34.37    | 34.37    | 34.39    |
| 50m         |          | 34.43    | 34.46    | 34.47    | 34.47    | 34.47    | 34.47    |          |          |          |          | 34.36    | 34.37    | 34.37    | 34.39    |
| 75m         |          | 34.40    | 34.45    | 34.45    | 34.47    | 34.47    | 34.51    |          |          |          |          |          | 34.32    | 34.30    | 34.37    |
| 100m        |          |          | 34.45    | 34.47    | 34.48    | 34.48    | 34.48    |          |          |          |          |          | 34.34    | 34.38    | 34.41    |
| 125m        |          |          |          | 34.46    | 34.44    | 34.43    | 34.44    |          |          |          |          |          | 34.46    | 34.48    | 34.43    |
| 150m        |          |          |          | 34.45    | 34.47    | 34.41    | 34.39    |          |          |          |          |          | 34.44    | 34.44    | 34.41    |
| 175m        |          |          |          | 34.39    | 34.42    | 34.39    | 34.29    |          |          |          |          |          |          | 34.41    | 34.35    |
| 200m        |          |          |          | 34.35    | 34.37    | 34.36    | 34.23    |          |          |          |          |          |          | 34.31    | 34.33    |
| 250m        |          |          |          | 34.27    | 34.26    | 34.30    | 34.18    |          |          |          |          |          |          | 34.22    | 34.22    |
| 300m        |          |          |          |          | 34.19    | 34.20    | 34.12    |          |          |          |          |          |          | 34.12    | 34.18    |
| 400m        |          |          |          |          | 34.12    | 34.15    | 34.15    |          |          |          |          |          |          | 34.14    | 34.14    |
| 500m        |          |          |          |          | 34.16    | 34.20    | 34.13    |          |          |          |          |          |          |          | 34.17    |
| 600m        |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 34.24    |
| 700m        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 800m        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 900m        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 1000m       |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 底水温測定水深(m)  | 49       | 92       | 121      | 298      | 522      | 502      | 503      |          |          | 19       | 21       | 61       | 152      | 472      | 670      |
| 底水温(℃)      | 18.4     | 18.3     | 15.9     | 9.3      | 4.6      | 5.0      | 5.0      |          |          | 18.3     | 18.5     | 18.0     | 14.1     | 4.9      | 3.8      |
| ルバックネット     |          |          |          |          | 4        |          |          |          |          |          |          |          |          | 2        |          |
| ワイヤー長       |          |          |          |          | 150      |          |          |          |          |          |          |          |          | 150      |          |
| 傾角          |          |          |          |          | 15       |          |          |          |          |          |          |          |          | 11       |          |
| 回転数         |          |          |          |          | 1316     |          |          |          |          |          |          |          |          | 1445     |          |
| ノルバックネット瓶番号 |          |          |          |          | 4        |          |          |          |          |          |          |          |          |          | 2        |

茨城県 海洋観測結果(2022年12月)

調査船: I=ばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| O-7      | O-8      | O-9      | O-10     | K-1      | K-2      | K-3      | K-4      | K-5      | K-6      | I-1      | I-2      | I-3      | I-4      | I-5      |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  |
| 141° 15' | 141° 30' | 141° 45' | 142° 00' | 140° 45' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' |
| 12/15    | 12/15    | 12/15    |          |          | 12/15    | 12/15    | 12/15    | 12/15    |          | 12/15    | 12/15    | 12/15    | 12/15    |          |
| 18:10    | 19:42    | 20:49    |          |          | 1:13     | 13:49    | 12:15    | 10:46    |          | 3:48     | 5:38     | 7:37     | 9:04     |          |
| 18:31    | 19:53    | 21:04    |          |          | 1:28     | 14:18    | 12:41    | 11:11    |          | 3:55     | 5:49     | 8:02     | 9:28     |          |
| WNW      | NNW      | NNW      |          |          | NW       | W        | NW       | WNW      |          | NNW      | NNW      | NW       | NW       |          |
| 3        | 3        | 4        |          |          | 3        | 3        | 2        | 2        |          | 3        | 3        | 3        | 2        |          |
| B        | B        | BC       |          |          | BC       | BC       | BC       | BC       |          | C        | C        | BC       | BC       |          |
| 1013.3   | 1014.2   | 1014.2   |          |          | 1013.1   | 1011.4   | 1011.6   | 1012.2   |          | 1013     | 1013.6   | 1013.9   | 1013.8   |          |
| 12.7     | 11.6     | 11.9     |          |          | 9.4      | 11.7     | 11.5     | 12.9     |          | 10.2     | 10.6     | 11.3     | 12       |          |
|          |          |          |          |          |          | 2        | 2        | 3        |          |          |          | 2        | 2        |          |
|          |          |          |          |          |          | W 2      | NW 2     | NW 2     |          |          |          | WNW 2    | WSW 2    |          |
|          |          |          |          |          |          | 3        | 3        | 2        |          |          |          | 2        | 2        |          |
|          |          |          |          |          |          | 12       | 14       | 15       |          |          |          | 17       | 13       |          |
| 950      |          |          |          |          | 305      | 828      |          |          |          | 76       | 230      |          |          |          |
| 234      | 27       | 29       |          |          | 306      | 330      | 21       | 19       |          | 168      | 10       | 356      | 32       |          |
| 0.3      | 1.5      | 2.5      |          |          | 0.5      | 0.7      | 2.0      | 1.1      |          | 0.4      | 2.5      | 2.8      | 2.6      |          |
| 250      | 30       | 31       |          |          | 287      | 303      | 21       | 9        |          | 150      | 16       | 5        | 33       |          |
| 0.2      | 1.7      | 2.6      |          |          | 0.5      | 0.7      | 2.0      | 1.1      |          | 0.6      | 1.8      | 2.7      | 2.8      |          |
| 5        | 36       | 24       |          |          | 323      | 299      | 20       | 355      |          |          | 13       | 10       | 36       |          |
| 0.7      | 1.5      | 2.5      |          |          | 0.5      | 0.7      | 1.0      | 0.9      |          |          | 1.5      | 2.2      | 2.6      |          |
| 19.2     | 20.3     | 21.4     |          |          | 19.3     | 19.6     | 21.5     | 21.7     |          | 19.8     | 20.9     | 21.5     | 21.7     |          |
| 18.9     | 20.1     | 21.1     |          |          | 19.1     | 19.4     | 21.2     | 21.4     |          | 19.6     | 20.7     | 21.3     | 21.4     |          |
| 18.9     | 19.8     | 21.1     |          |          | 19.1     | 19.3     | 21.2     | 21.4     |          | 19.6     | 20.7     | 21.3     | 21.4     |          |
| 18.9     | 19.4     | 21.1     |          |          | 19.1     | 19.3     | 21.2     | 21.4     |          | 19.6     | 20.2     | 21.2     | 21.3     |          |
| 18.8     | 19.3     | 21.1     |          |          | 19.0     | 19.2     | 21.2     | 21.1     |          | 18.2     | 19.4     | 21.0     | 21.3     |          |
| 16.5     | 18.9     | 21.1     |          |          | 18.9     | 18.0     | 20.4     | 21.0     |          |          | 18.8     | 20.7     | 21.2     |          |
| 15.8     | 18.1     | 20.0     |          |          | 16.3     | 17.1     | 19.2     | 20.9     |          |          | 17.3     | 19.2     | 21.1     |          |
| 15.5     | 16.9     | 19.0     |          |          | 15.1     | 16.3     | 18.3     | 20.0     |          |          | 16.0     | 18.5     | 20.8     |          |
| 14.5     | 15.2     | 17.4     |          |          | 13.0     | 15.2     | 16.5     | 17.9     |          |          | 15.3     | 17.6     | 18.9     |          |
| 11.5     | 12.9     | 16.8     |          |          | 11.7     | 12.9     | 16.0     | 15.7     |          |          | 12.4     | 15.7     | 17.7     |          |
| 10.9     | 11.9     | 15.8     |          |          | 11.0     | 11.5     | 15.5     | 15.4     |          |          | 9.4      | 14.0     | 16.2     |          |
| 9.8      | 10.8     | 13.4     |          |          | 8.4      | 9.0      | 12.9     | 13.9     |          |          |          | 12.6     | 13.7     |          |
| 8.7      | 9.3      | 11.4     |          |          |          | 7.1      | 10.1     | 12.8     |          |          |          | 11.0     | 12.7     |          |
| 6.7      | 6.4      | 8.3      |          |          |          | 5.7      | 6.6      | 8.9      |          |          |          | 7.8      | 9.6      |          |
| 5.7      | 5.2      | 5.4      |          |          |          | 4.8      | 5.3      | 7.4      |          |          |          | 5.7      | 7.4      |          |
| 5.0      |          |          |          |          |          | 4.0      | 4.5      | 6.0      |          |          |          | 4.8      | 6.0      |          |
| 4.2      |          |          |          |          |          | 3.5      | 3.9      | 4.6      |          |          |          | 4.0      | 5.2      |          |
| 3.5      |          |          |          |          |          | 3.3      | 3.4      | 3.9      |          |          |          | 3.5      | 4.5      |          |
| 3.1      |          |          |          |          |          |          | 3.2      | 3.5      |          |          |          | 3.4      | 3.7      |          |
|          |          |          |          |          |          |          | 3.0      | 3.2      |          |          |          | 3.1      | 3.4      |          |
|          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 34.46    | 34.45    | 34.42    |          |          | 34.40    | 34.46    | 34.42    | 34.44    |          | 34.42    | 34.46    | 34.42    | 34.46    |          |
| 34.46    | 34.45    | 34.42    |          |          | 34.40    | 34.47    | 34.42    | 34.44    |          | 34.42    | 34.45    | 34.42    | 34.46    |          |
| 34.46    | 34.45    | 34.42    |          |          | 34.39    | 34.47    | 34.42    | 34.44    |          | 34.42    | 34.45    | 34.44    | 34.43    |          |
| 34.47    | 34.45    | 34.42    |          |          | 34.38    | 34.45    | 34.42    | 34.42    |          | 34.26    | 34.46    | 34.47    | 34.43    |          |
| 34.37    | 34.46    | 34.42    |          |          | 34.37    | 34.54    | 34.46    | 34.42    |          |          | 34.44    | 34.52    | 34.41    |          |
| 34.47    | 34.49    | 34.44    |          |          | 34.46    | 34.51    | 34.52    | 34.43    |          |          | 34.47    | 34.56    | 34.44    |          |
| 34.47    | 34.47    | 34.48    |          |          | 34.41    | 34.50    | 34.54    | 34.59    |          |          | 34.51    | 34.67    | 34.62    |          |
| 34.44    | 34.51    | 34.52    |          |          | 34.42    | 34.51    | 34.52    | 34.60    |          |          | 34.49    | 34.66    | 34.65    |          |
| 34.34    | 34.42    | 34.52    |          |          | 34.36    | 34.42    | 34.52    | 34.60    |          |          | 34.36    | 34.51    | 34.66    |          |
| 34.33    | 34.37    | 34.51    |          |          | 34.33    | 34.35    | 34.52    | 34.59    |          |          | 34.23    | 34.47    | 34.62    |          |
| 34.27    | 34.31    | 34.45    |          |          | 34.16    | 34.22    | 34.42    | 34.48    |          |          |          | 34.42    | 34.48    |          |
| 34.21    | 34.27    | 34.34    |          |          |          | 34.12    | 34.28    | 34.41    |          |          |          | 34.35    | 34.41    |          |
| 34.12    | 34.12    | 34.20    |          |          |          | 34.22    | 34.17    | 34.17    |          |          |          | 34.21    | 34.26    |          |
| 34.13    | 34.17    | 34.20    |          |          |          | 34.26    | 34.19    | 34.16    |          |          |          | 34.24    | 34.22    |          |
| 34.16    |          |          |          |          |          | 34.26    | 34.26    | 34.23    |          |          |          | 34.23    | 34.22    |          |
| 34.24    |          |          |          |          |          | 34.32    | 34.29    | 34.25    |          |          |          | 34.30    | 34.25    |          |
| 34.31    |          |          |          |          |          | 34.34    | 34.33    | 34.34    |          |          |          | 34.32    | 34.30    |          |
| 34.37    |          |          |          |          |          |          | 34.36    | 34.37    |          |          |          | 34.37    | 34.31    |          |
|          |          |          |          |          |          |          | 34.40    | 34.40    |          |          |          | 34.39    | 34.37    |          |
| 953      | 501      | 503      |          |          | 282      | 803      | 1002     | 1004     |          | 72       | 211      | 1003     | 1001     |          |
| 3.1      | 5.2      | 5.4      |          |          | 7.4      | 3.3      | 3.0      | 3.2      |          | 17.6     | 9.0      | 3.1      | 3.4      |          |
| 3        |          |          |          |          |          | 1        |          |          |          |          |          |          |          |          |
| 150      |          |          |          |          |          | 150      |          |          |          |          |          |          |          |          |
| 8        |          |          |          |          |          | 31       |          |          |          |          |          |          |          |          |
| 1579     |          |          |          |          |          | 1610     |          |          |          |          |          |          |          |          |
| 3        |          |          |          |          |          |          | 1        |          |          |          |          |          |          |          |

茨城県 海洋観測結果(2023年1月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| St.No.      | A-1      | A-2      | A-3      | A-4      | A-5      | A-6      | A-7      | A-8      | A-9      | O-1      | O-2      | O-3      | O-4      | O-5      | O-6      |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 緯度N         | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  |
| 経度E         | 140° 46' | 140° 52' | 140° 58' | 141° 04' | 141° 11' | 141° 20' | 141° 30' | 141° 45' | 142° 00' | 140° 38' | 140° 41' | 140° 47' | 140° 53' | 140° 59' | 141° 06' |
| 月日          | 1/6      | 1/6      | 1/6      | 1/6      | 1/6      | 1/6      | 1/6      | 1/6      |          | 1/5      | 1/5      | 1/5      | 1/5      | 1/5      | 1/5      |
| 開始          | 18:22    | 17:43    | 17:05    | 16:29    | 15:37    | 14:38    | 13:27    |          |          | 11:45    | 12:01    | 12:30    | 13:08    | 13:38    | 14:23    |
| 終了          | 18:32    | 17:48    | 17:18    | 16:38    | 16:03    | 15:01    | 14:00    |          |          | 11:48    | 12:05    | 12:47    | 13:17    | 14:06    | 14:53    |
| 風向          | N        | NNE      | N        | NNW      | N        | NNW      | NNW      |          |          | W        | WNW      | WNW      | WNW      | WNW      | NW       |
| 風力          | 3        | 3        | 3        | 3        | 2        | 3        | 3        |          |          | 3        | 3        | 3        | 3        | 3        | 4        |
| 天気          | BC       | BC       | BC       | BC       | BC       | BC       | BC       |          |          | B        | B        | B        | B        | B        | B        |
| 気圧          | 1018.1   | 1018     | 1018     | 1018.1   | 1018.2   | 1018.2   | 1018.9   |          |          | 1020.1   | 1019.8   | 1019.4   | 1019.1   | 1018.9   | 1018.6   |
| 気温          | 8.4      | 8.8      | 8.9      | 8.7      | 8.1      | 8.4      | 8.4      |          |          | 7.7      | 8.9      | 8.4      | 9.0      | 8.8      | 9.9      |
| 風浪          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| うねり         |          |          |          | NW 1     | NW 1     | NNW 1    | NW 2     |          |          | SSW 1    | WSW 1    | W 1      | WNW 1    | W 2      | WNW 2    |
| 水色          |          |          |          | 3        | 2        | 2        | 2        |          |          | 4        | 4        | 3        | 3        |          | 2        |
| 透明度         |          |          |          |          | 18       | 13       | 20       |          |          | 10       | 13       | 12       | 12       | 15       | 12       |
| 水深          | 59       | 107      | 133      | 309      | 536      | 726      | 1004     |          |          | 24       | 29       | 80       | 172      | 488      | 697      |
| 流向(10m)     | 180      | 180      | 192      | 179      | 198      | 203      | 276      |          |          | 92       | 78       | 297      | 19       | 301      | 249      |
| 流速(10m)     | 0.6      | 1.0      | 1.0      | 0.8      | 1.2      | 0.8      | 0.6      |          |          | 0.4      | 1.7      | 0.4      | 0.2      | 0.4      | 0.2      |
| 流向(50m)     | 210      | 183      | 193      | 192      | 191      | 194      | 268      |          |          | 123      | 88       | 89       | 1        | 336      | 229      |
| 流速(50m)     | 0.8      | 1.0      | 1.1      | 1.1      | 1.6      | 0.6      | 0.6      |          |          | 5.0      | 4.1      | 4.2      | 0.2      | 0.2      | 0.3      |
| 流向(100m)    | 266      | 271      | 184      | 195      | 189      | 184      | 283      |          |          | 130      | 85       | 87       | 84       | 221      | 229      |
| 流速(100m)    | 4.6      | 3.6      | 1.4      | 1.1      | 1.3      | 0.5      | 0.5      |          |          | 2.4      | 5.4      | 3.3      | 1.8      | 0.1      | 0.5      |
| 水温 0m       | 15.7     | 16.1     | 16.6     | 17.3     | 17.9     | 17.7     | 17.5     |          |          | 15.8     | 16.2     | 16.3     | 16.6     | 17.4     | 18.3     |
| 10m         | 15.3     | 15.9     | 16.4     | 17.0     | 17.4     | 17.4     | 17.3     |          |          | 15.5     | 15.9     | 15.9     | 16.4     | 17.2     | 18.2     |
| 20m         | 15.3     | 15.9     | 16.4     | 17.0     | 17.2     | 17.4     | 17.3     |          |          |          | 15.8     | 15.9     | 16.4     | 17.2     | 18.2     |
| 30m         | 15.2     | 15.9     | 16.4     | 16.9     | 17.0     | 17.2     | 17.3     |          |          |          |          | 15.8     | 16.3     | 17.2     | 18.2     |
| 50m         |          | 15.8     | 16.3     | 16.6     | 16.8     | 17.0     | 17.2     |          |          |          |          | 15.8     | 16.2     | 17.1     | 18.0     |
| 75m         |          | 15.8     | 15.5     | 16.4     | 16.8     | 16.9     | 16.8     |          |          |          |          |          | 16.1     | 16.2     | 16.9     |
| 100m        |          |          | 15.0     | 14.1     | 16.7     | 16.7     | 16.0     |          |          |          |          |          | 14.8     | 15.7     | 15.2     |
| 125m        |          |          |          | 13.0     | 14.3     | 15.5     | 14.8     |          |          |          |          |          | 14.7     | 14.1     | 13.8     |
| 150m        |          |          |          | 12.8     | 12.9     | 13.9     | 13.8     |          |          |          |          |          | 14.0     | 12.5     | 12.8     |
| 175m        |          |          |          | 12.5     | 10.6     | 12.7     | 13.0     |          |          |          |          |          |          | 12.0     | 11.6     |
| 200m        |          |          |          | 12.2     | 10.0     | 11.4     | 11.9     |          |          |          |          |          |          | 11.3     | 10.5     |
| 250m        |          |          |          | 10.1     | 7.6      | 8.8      | 9.3      |          |          |          |          |          |          | 9.6      | 8.2      |
| 300m        |          |          |          |          | 6.8      | 6.7      | 7.0      |          |          |          |          |          |          | 8.1      | 7.5      |
| 400m        |          |          |          |          | 5.8      | 5.6      | 5.3      |          |          |          |          |          |          | 6.5      | 5.9      |
| 500m        |          |          |          |          | 5.2      | 4.7      | 4.7      |          |          |          |          |          |          |          | 4.9      |
| 600m        |          |          |          |          |          | 4.1      | 4.0      |          |          |          |          |          |          |          | 4.7      |
| 700m        |          |          |          |          |          | 3.9      | 3.7      |          |          |          |          |          |          |          |          |
| 800m        |          |          |          |          |          |          | 3.3      |          |          |          |          |          |          |          |          |
| 900m        |          |          |          |          |          |          | 3.0      |          |          |          |          |          |          |          |          |
| 1000m       |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 塩分0m        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 10m         | 34.53    | 34.51    | 34.54    | 34.54    | 34.56    | 34.55    | 34.52    |          |          | 34.47    | 34.52    | 34.52    | 34.53    | 34.53    | 34.55    |
| 20m         | 34.53    | 34.51    | 34.54    | 34.54    | 34.55    | 34.55    | 34.52    |          |          |          | 34.51    | 34.52    | 34.53    | 34.53    | 34.55    |
| 30m         | 34.53    | 34.51    | 34.54    | 34.54    | 34.54    | 34.55    | 34.52    |          |          |          |          | 34.52    | 34.53    | 34.53    | 34.55    |
| 50m         |          | 34.51    | 34.53    | 34.54    | 34.53    | 34.54    | 34.52    |          |          |          |          | 34.51    | 34.53    | 34.54    | 34.54    |
| 75m         |          | 34.52    | 34.47    | 34.52    | 34.53    | 34.53    | 34.51    |          |          |          |          |          | 34.51    | 34.51    | 34.51    |
| 100m        |          |          | 34.44    | 34.45    | 34.53    | 34.52    | 34.52    |          |          |          |          |          | 34.35    | 34.50    | 34.49    |
| 125m        |          |          |          | 34.40    | 34.45    | 34.48    | 34.48    |          |          |          |          |          | 34.34    | 34.46    | 34.43    |
| 150m        |          |          |          | 34.40    | 34.42    | 34.44    | 34.45    |          |          |          |          |          | 34.31    | 34.38    | 34.41    |
| 175m        |          |          |          | 34.39    | 34.29    | 34.42    | 34.42    |          |          |          |          |          |          | 34.36    | 34.36    |
| 200m        |          |          |          | 34.37    | 34.28    | 34.36    | 34.37    |          |          |          |          |          |          | 34.34    | 34.32    |
| 250m        |          |          |          | 34.29    | 34.19    | 34.25    | 34.27    |          |          |          |          |          |          | 34.27    | 34.22    |
| 300m        |          |          |          |          | 34.15    | 34.17    | 34.20    |          |          |          |          |          |          | 34.21    | 34.19    |
| 400m        |          |          |          |          | 34.15    | 34.21    | 34.20    |          |          |          |          |          |          | 34.20    | 34.19    |
| 500m        |          |          |          |          | 34.21    | 34.25    | 34.26    |          |          |          |          |          |          |          | 34.21    |
| 600m        |          |          |          |          |          | 34.28    | 34.29    |          |          |          |          |          |          |          | 34.25    |
| 700m        |          |          |          |          |          | 34.30    | 34.35    |          |          |          |          |          |          |          |          |
| 800m        |          |          |          |          |          |          | 34.37    |          |          |          |          |          |          |          |          |
| 900m        |          |          |          |          |          |          | 34.39    |          |          |          |          |          |          |          |          |
| 1000m       |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 底水温測定水深(m)  | 47       | 92       | 122      | 292      | 502      | 702      | 983      |          |          | 19       | 27       | 74       | 152      | 472      | 672      |
| 底水温(°C)     | 15.0     | 15.8     | 14.5     | 8.8      | 5.2      | 3.9      | 2.9      |          |          | 14.8     | 15.5     | 15.5     | 13.8     | 5.5      | 4.4      |
| ルバックネット     | 12       |          | 11       |          | 10       |          | 9        |          |          |          |          | 1        |          | 2        |          |
| ワイヤー長       | 45       |          | 120      |          | 150      |          | 150      |          |          |          |          | 70       |          | 150      |          |
| 傾角          | 16       |          | 17       |          | 14       |          | 31       |          |          |          |          | 22       |          | 37       |          |
| 回転数         | 415      |          | 1080     |          | 1280     |          | 1490     |          |          |          |          | 640      |          | 1495     |          |
| ノルバックネット瓶番号 | 12       |          | 11       |          | 10       |          | 9        |          |          |          |          | 1        |          | 2        |          |

茨城県 海洋観測結果(2023年1月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| O-7      | O-8      | O-9      | O-10     | K-1      | K-2      | K-3      | K-4      | K-5      | K-6      | I-1      | I-2      | I-3      | I-4      | I-5      |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  |
| 141° 15' | 141° 30' | 141° 45' | 142° 00' | 140° 45' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' |
| 1/5      | 1/5      | 1/5      |          | 1/6      | 1/5      | 1/5      | 1/5      | 1/6      | 1/6      | 1/6      | 1/6      | 1/6      | 1/6      | 1/6      |
| 15:30    | 16:49    |          |          | 0:08     | 22:54    | 21:15    | 19:38    | 10:02    | 8:48     | 1:52     | 3:02     | 4:20     | 5:33     | 6:52     |
| 15:55    | 17:00    |          |          | 0:20     | 23:09    | 21:43    | 19:49    | 10:10    | 8:55     | 2:05     | 3:22     | 4:34     | 5:51     | 7:05     |
| NW       | NW       |          |          | NNW      | NW       | NW       | NNW      | N        | NW       | NNW      | NNW      | N        | NNW      | N        |
| 3        | 3        |          |          | 3        | 2        | 3        | 3        | 3        | 3        | 3        | 2        | 2        | 3        | 3        |
| B        | BC       |          |          | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       |
| 1018.6   | 1019.7   |          |          | 1021.4   | 1021.3   | 1021.1   | 1021     | 1021.3   | 1021     | 1020.6   | 1020.4   | 1020     | 1020.2   | 1020.6   |
| 9.7      | 9.3      |          |          | 6.6      | 7.2      | 7.9      | 9.2      | 8.4      | 9.1      | 7.5      | 7.9      | 8.2      | 8.6      | 8.9      |
|          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| W 3      | WSW 3    |          |          |          |          |          |          | NNW 2    | NNW 2    |          |          |          |          | NNW 2    |
| 2        |          |          |          |          |          |          |          | 2        | 2        |          |          |          |          | 3        |
| 13       |          |          |          |          |          |          |          | 9        | 9        |          |          |          |          | 9        |
| 979      |          |          |          | 24       | 226      | 828      |          |          |          | 75       | 230      |          |          |          |
| 180      | 41       |          |          | 193      | 188      | 128      | 43       | 22       | 3        | 108      | 5        | 10       | 10       | 17       |
| 1.0      | 1.1      |          |          | 0.8      | 0.6      | 0.6      | 2.4      | 2.0      | 1.9      | 0.3      | 1.1      | 2.7      | 2.1      | 1.7      |
| 182      | 32       |          |          | 229      | 184      | 122      | 46       | 20       | 4        | 125      | 23       | 12       | 11       | 16       |
| 0.9      | 1.4      |          |          | 1.9      | 0.7      | 0.6      | 2.0      | 2.1      | 1.6      | 0.7      | 0.7      | 2.7      | 2.1      | 1.8      |
| 191      | 35       |          |          | 255      | 196      | 98       | 53       | 20       | 360      | 147      | 1        | 15       | 17       | 18       |
| 0.7      | 1.1      |          |          | 4.4      | 0.6      | 0.8      | 1.7      | 2.1      | 1.7      | 5.8      | 0.6      | 2.7      | 2.7      | 1.8      |
| 17.0     | 16.8     |          |          | 16.2     | 16.7     | 17.0     | 18.4     | 19.3     | 19.2     | 16.6     | 18.1     | 19.7     | 19.4     | 18.9     |
| 16.8     | 16.6     |          |          | 16.0     | 16.5     | 16.7     | 17.9     | 19.0     | 18.9     | 16.3     | 17.8     | 19.5     | 19.1     |          |
| 16.8     | 16.6     |          |          | 16.0     | 16.5     | 16.7     | 17.9     | 19.0     | 18.9     | 16.3     | 17.5     | 19.5     | 19.1     | 18.7     |
| 16.8     | 16.6     |          |          |          | 16.5     | 16.7     | 17.7     | 19.0     | 18.9     | 16.3     | 17.2     | 19.5     | 19.1     | 18.7     |
| 16.8     | 16.5     |          |          |          | 16.5     | 16.7     | 16.8     | 19.0     | 18.9     | 16.3     | 16.9     | 19.3     | 19.0     | 18.7     |
| 16.5     | 16.3     |          |          |          | 16.5     | 16.7     | 16.7     | 19.0     | 18.9     |          | 16.5     | 18.6     | 19.0     | 18.7     |
| 15.7     | 15.3     |          |          |          | 16.4     | 15.6     | 16.6     | 19.0     | 18.9     |          | 16.1     | 17.9     | 19.0     | 18.7     |
| 14.5     | 14.5     |          |          |          | 16.0     | 14.3     | 16.5     | 19.0     | 18.9     |          | 14.8     | 17.5     | 18.9     | 18.6     |
| 13.0     | 12.4     |          |          |          | 15.0     | 13.9     | 16.0     | 18.6     | 18.6     |          | 14.4     | 17.1     | 18.0     | 17.8     |
| 11.0     | 11.0     |          |          |          | 13.9     | 13.3     | 14.4     | 17.5     | 17.7     |          | 13.2     | 16.9     | 17.4     | 17.3     |
| 10.0     | 10.1     |          |          |          | 13.2     | 12.7     | 13.6     | 16.4     | 17.3     |          | 10.7     | 15.5     | 17.0     | 16.9     |
| 8.7      | 7.8      |          |          |          |          | 10.4     | 11.5     | 14.5     | 16.1     |          |          | 14.4     | 15.4     | 16.1     |
| 7.0      | 6.8      |          |          |          |          | 8.3      | 8.2      | 12.3     | 14.8     |          |          | 13.1     | 14.1     | 15.2     |
| 5.1      |          |          |          |          |          | 6.4      |          |          |          |          |          | 8.1      | 10.5     | 12.6     |
| 4.6      |          |          |          |          |          | 5.2      |          |          |          |          |          | 5.7      | 8.7      | 9.9      |
| 4.0      |          |          |          |          |          | 4.7      |          |          |          |          |          |          |          |          |
| 3.6      |          |          |          |          |          | 3.6      |          |          |          |          |          |          |          |          |
| 3.4      |          |          |          |          |          | 3.4      |          |          |          |          |          |          |          |          |
| 3.3      |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
|          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
|          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 34.53    | 34.53    |          |          | 34.53    | 34.53    | 34.53    | 34.52    | 34.50    | 34.59    | 34.53    | 34.52    | 34.54    | 34.56    | 34.63    |
| 34.53    | 34.53    |          |          | 34.53    | 34.53    | 34.53    | 34.52    | 34.50    | 34.59    | 34.53    | 34.53    | 34.54    | 34.56    | 34.63    |
| 34.53    | 34.53    |          |          | 34.53    | 34.53    | 34.53    | 34.52    | 34.50    | 34.59    | 34.53    | 34.54    | 34.54    | 34.56    | 34.63    |
| 34.53    | 34.53    |          |          | 34.53    | 34.53    | 34.53    | 34.52    | 34.49    | 34.59    | 34.53    | 34.54    | 34.51    | 34.57    | 34.63    |
| 34.51    | 34.51    |          |          | 34.53    | 34.53    | 34.53    | 34.52    | 34.49    | 34.59    |          | 34.50    | 34.49    | 34.58    | 34.63    |
| 34.48    | 34.51    |          |          | 34.51    | 34.48    | 34.52    | 34.49    | 34.59    | 34.59    |          | 34.47    | 34.50    | 34.58    | 34.63    |
| 34.47    | 34.48    |          |          | 34.49    | 34.37    | 34.52    | 34.49    | 34.61    |          |          | 34.46    | 34.51    | 34.63    | 34.65    |
| 34.41    | 34.39    |          |          | 34.47    | 34.38    | 34.48    | 34.50    | 34.67    |          |          | 34.48    | 34.50    | 34.60    | 34.71    |
| 34.34    | 34.34    |          |          | 34.44    | 34.34    | 34.46    | 34.57    | 34.69    |          |          | 34.42    | 34.53    | 34.65    | 34.70    |
| 34.30    | 34.30    |          |          | 34.43    | 34.35    | 34.43    | 34.51    | 34.68    |          |          | 34.32    | 34.51    | 34.67    | 34.68    |
| 34.25    | 34.22    |          |          |          | 34.30    | 34.36    | 34.51    | 34.63    |          |          |          | 34.48    | 34.57    | 34.64    |
| 34.20    | 34.21    |          |          |          | 34.23    | 34.23    | 34.39    | 34.54    |          |          |          | 34.44    | 34.49    | 34.58    |
| 34.20    |          |          |          |          | 34.20    |          |          |          |          |          |          | 34.24    | 34.25    | 34.39    |
| 34.28    |          |          |          |          | 34.22    |          |          |          |          |          |          | 34.23    | 34.26    | 34.19    |
| 34.31    |          |          |          |          | 34.24    |          |          |          |          |          |          |          |          |          |
| 34.33    |          |          |          |          | 34.31    |          |          |          |          |          |          |          |          |          |
| 34.35    |          |          |          |          | 34.35    |          |          |          |          |          |          |          |          |          |
| 34.37    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
|          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 903      | 302      |          |          | 21       | 202      | 802      | 302      | 305      | 302      | 61       | 212      | 503      | 507      | 503      |
| 3.3      | 6.8      |          |          | 15.9     | 13.2     | 3.4      | 8.2      | 12.1     | 14.8     | 16.3     | 10.3     | 5.7      | 8.7      | 9.8      |
|          |          |          |          | 6        | 5        | 4        |          |          |          | 7        | 8        |          |          |          |
|          |          |          |          | 20       | 150      | 150      |          |          |          | 60       | 150      |          |          |          |
|          |          |          |          | 18       | 18       | 7        |          |          |          | 22       | 18       |          |          |          |
|          |          |          |          | 203      | 1188     | 1396     |          |          |          | 635      | 1243     |          |          |          |
|          |          |          |          | 6        | 5        | 4        |          |          |          | 7        | 8        |          |          |          |

茨城県 海洋観測結果(2023年2月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| St.No.      | A-1      | A-2      | A-3      | A-4      | A-5      | A-6      | A-7      | A-8      | A-9      | O-1      | O-2      | O-3      | O-4      | O-5      | O-6      |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 緯度N         | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  |
| 経度E         | 140° 46' | 140° 52' | 140° 58' | 141° 04' | 141° 11' | 141° 20' | 141° 30' | 141° 45' | 142° 00' | 140° 38' | 140° 41' | 140° 47' | 140° 53' | 140° 59' | 141° 06' |
| 月日          |          | 2/18     | 2/18     | 2/18     | 2/18     | 2/18     | 2/18     |          |          | 2/17     | 2/17     | 2/17     | 2/17     | 2/17     | 2/17     |
| 開始          |          | 12:09    | 11:32    | 10:57    | 10:09    | 4:03     | 2:38     |          |          | 8:37     | 8:55     | 9:23     | 9:55     | 10:36    | 11:15    |
| 終了          |          | 12:27    | 11:46    | 11:09    | 10:25    | 4:23     | 3:13     |          |          | 8:42     | 9:00     | 9:36     | 10:02    | 10:55    | 11:40    |
| 風向          |          | S        | S        | SSW      | WSW      | W        | WSW      |          |          | N        | E        | NE       | NNE      | NNE      | N        |
| 風力          |          | 1        | 3        | 2        | 2        | 2        | 2        |          |          | 2        | 2        | 3        | 2        | 2        | 2        |
| 天気          |          | BC       | BC       | BC       | B        | BC       | BC       |          |          | C        | C        | BC       | BC       | BC       | BC       |
| 気圧          |          | 1022.1   | 1022.7   | 1023.3   | 1023.9   | 1023.1   | 1023.9   |          |          | 1026.8   | 1027     | 1026.7   | 1027.3   | 1026.6   | 1026.3   |
| 気温          |          | 12.2     | 12.6     | 12.5     | 12.0     | 10.6     | 10.6     |          |          | 3.6      | 6.4      | 7.4      | 8.0      | 8.4      | 8.9      |
| 風浪          |          | 2        | 2        | 2        | 2        |          |          |          |          | 2        | 2        | 2        | 2        |          |          |
| うねり         |          | S1       | S1       | SW1      | W1       |          |          |          |          | W2       | W2       | NE2      | NNE2     | NNE2     | NNE3     |
| 水色          |          | 3        | 5        | 5        | 5        |          |          |          |          | 6        | 6        | 4        | 3        | 2        | 2        |
| 透明度         |          | 11       | 10       | 6        | 13       |          |          |          |          | 6        | 5        | 9        | 8        | 15       | 13       |
| 水深          |          | 102      | 134      | 320      | 525      | 727      | 1007     |          |          | 24       | 29       | 80       | 140      | 542      | 711      |
| 流向(10m)     |          | 354      | 196      | 174      | 113      | 161      | 55       |          |          | 90       | 74       | 2        | 6        | 338      | 241      |
| 流速(10m)     |          | 0.3      | 0.1      | 0.5      | 0.4      | 0.7      | 0.7      |          |          | 0.5      | 2.0      | 1.1      | 0.6      | 0.2      | 0.5      |
| 流向(50m)     |          | 16       | 121      | 160      | 125      | 146      | 50       |          |          | 140      | 85       | 95       | 9        | 4        | 277      |
| 流速(50m)     |          | 0.3      | 0.1      | 0.5      | 0.6      | 0.7      | 0.9      |          |          | 3.8      | 3.6      | 4.6      | 0.7      | 0.2      | 0.4      |
| 流向(100m)    |          |          | 32       | 138      | 121      | 142      | 71       |          |          | 140      | 84       | 102      | 89       | 351      | 267      |
| 流速(100m)    |          |          | 0.4      | 0.5      | 0.6      | 0.6      | 0.8      |          |          | 1.7      | 4.9      | 2.9      | 3.4      | 0.3      | 0.5      |
| 水温 0m       |          | 15.5     | 15.7     | 15.8     | 15.4     | 15.7     | 16.4     |          |          | 14.0     | 14.7     | 15.5     | 16.1     | 16.0     | 15.2     |
| 10m         |          | 15.2     | 15.3     | 15.4     | 15.1     | 15.5     | 16.1     |          |          | 14.0     | 14.5     | 15.2     | 15.8     | 15.7     | 14.9     |
| 20m         |          | 15.2     | 15.3     | 15.4     | 15.1     | 15.5     | 16.1     |          |          |          | 14.5     | 15.2     | 15.8     | 15.7     | 14.9     |
| 30m         |          | 15.1     | 15.2     | 15.3     | 15.1     | 15.5     | 16.0     |          |          |          |          | 15.1     | 15.8     | 15.7     | 14.9     |
| 50m         |          | 15.1     | 15.1     | 14.9     | 15.1     | 15.3     | 15.8     |          |          |          |          | 14.8     | 15.7     | 15.6     | 14.9     |
| 75m         |          | 14.8     | 14.6     | 13.9     | 14.5     | 13.8     | 15.4     |          |          |          |          |          | 15.0     | 15.2     | 14.9     |
| 100m        |          |          | 12.6     | 11.4     | 12.9     | 13.5     | 14.5     |          |          |          |          |          | 12.8     | 15.0     | 14.9     |
| 125m        |          |          |          | 10.9     | 11.7     | 11.9     | 13.7     |          |          |          |          |          | 12.3     | 14.2     | 14.5     |
| 150m        |          |          |          | 10.6     | 10.8     | 10.0     | 12.3     |          |          |          |          |          |          | 13.2     | 12.9     |
| 175m        |          |          |          | 10.2     | 10.3     | 9.6      | 10.9     |          |          |          |          |          |          | 11.8     | 11.6     |
| 200m        |          |          |          | 10.0     | 9.4      | 8.1      | 10.3     |          |          |          |          |          |          | 10.5     | 10.8     |
| 250m        |          |          |          | 8.7      | 8.7      | 8.0      | 7.5      |          |          |          |          |          |          | 9.2      | 9.7      |
| 300m        |          |          |          |          | 8.5      | 8.0      | 6.3      |          |          |          |          |          |          | 8.7      | 8.4      |
| 400m        |          |          |          |          | 6.7      | 7.3      | 5.8      |          |          |          |          |          |          | 6.3      | 6.2      |
| 500m        |          |          |          |          | 4.6      | 5.3      | 5.4      |          |          |          |          |          |          | 5.1      | 5.5      |
| 600m        |          |          |          |          |          | 4.5      | 4.7      |          |          |          |          |          |          |          | 4.6      |
| 700m        |          |          |          |          |          | 4.0      | 4.0      |          |          |          |          |          |          |          |          |
| 800m        |          |          |          |          |          |          | 3.7      |          |          |          |          |          |          |          |          |
| 900m        |          |          |          |          |          |          | 3.5      |          |          |          |          |          |          |          |          |
| 1000m       |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 塩分0m        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 10m         |          | 34.58    | 34.59    | 34.60    | 34.58    | 34.59    | 34.60    |          |          | 34.50    | 34.57    | 34.57    | 34.60    | 34.59    | 34.56    |
| 20m         |          | 34.58    | 34.59    | 34.60    | 34.58    | 34.59    | 34.60    |          |          |          | 34.57    | 34.57    | 34.60    | 34.59    | 34.56    |
| 30m         |          | 34.58    | 34.59    | 34.60    | 34.58    | 34.59    | 34.60    |          |          |          |          | 34.57    | 34.60    | 34.59    | 34.56    |
| 50m         |          | 34.58    | 34.57    | 34.55    | 34.58    | 34.58    | 34.59    |          |          |          |          | 34.55    | 34.59    | 34.59    | 34.56    |
| 75m         |          | 34.55    | 34.52    | 34.47    | 34.51    | 34.46    | 34.56    |          |          |          |          |          | 34.53    | 34.56    | 34.56    |
| 100m        |          |          | 34.34    | 34.26    | 34.39    | 34.45    | 34.50    |          |          |          |          |          | 34.37    | 34.56    | 34.56    |
| 125m        |          |          |          | 34.24    | 34.32    | 34.33    | 34.47    |          |          |          |          |          | 34.31    | 34.50    | 34.52    |
| 150m        |          |          |          | 34.19    | 34.20    | 34.21    | 34.39    |          |          |          |          |          |          | 34.44    | 34.42    |
| 175m        |          |          |          | 34.13    | 34.13    | 34.20    | 34.30    |          |          |          |          |          |          | 34.36    | 34.36    |
| 200m        |          |          |          | 34.11    | 34.01    | 33.94    | 34.29    |          |          |          |          |          |          | 34.23    | 34.29    |
| 250m        |          |          |          | 33.96    | 33.95    | 33.93    | 34.03    |          |          |          |          |          |          | 34.19    | 34.29    |
| 300m        |          |          |          |          | 33.97    | 33.93    | 33.94    |          |          |          |          |          |          | 34.24    | 34.25    |
| 400m        |          |          |          |          | 34.11    | 34.17    | 34.04    |          |          |          |          |          |          | 34.09    | 34.06    |
| 500m        |          |          |          |          | 34.21    | 34.14    | 34.14    |          |          |          |          |          |          | 34.13    | 34.18    |
| 600m        |          |          |          |          |          | 34.22    | 34.20    |          |          |          |          |          |          |          | 34.22    |
| 700m        |          |          |          |          |          | 34.29    | 34.28    |          |          |          |          |          |          |          |          |
| 800m        |          |          |          |          |          |          | 34.33    |          |          |          |          |          |          |          |          |
| 900m        |          |          |          |          |          |          | 34.36    |          |          |          |          |          |          |          |          |
| 1000m       |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 底水温測定水深(m)  |          | 81       | 121      | 292      | 513      | 702      | 952      |          |          | 18       | 26       | 71       | 131      | 532      | 682      |
| 底水温(°C)     |          | 14.0     | 11.4     | 8.4      | 4.6      | 4.0      | 3.2      |          |          | 14.0     | 14.4     | 14.5     | 12.3     | 4.8      | 3.8      |
| ルバックネット     |          |          | 7        |          | 6        |          | 5        |          |          |          |          | 1        |          |          |          |
| ワイヤー長       |          |          | 120      |          | 150      |          | 150      |          |          |          |          | 70       |          |          |          |
| 傾角          |          |          | 14       |          | 7        |          | 9        |          |          |          |          | 11       |          |          |          |
| 回転数         |          |          | 1055     |          | 1348     |          | 1374     |          |          |          |          | 620      |          |          |          |
| ノルバックネット瓶番号 |          |          | 7        |          | 6        |          | 5        |          |          |          |          | 1        |          |          |          |

茨城県 海洋観測結果(2023年2月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| O-7      | O-8      | O-9      | O-10     | K-1      | K-2      | K-3      | K-4      | K-5      | K-6      | I-1      | I-2      | I-3      | I-4      | I-5      |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  |
| 141° 15' | 141° 30' | 141° 45' | 142° 00' | 140° 45' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' |
| 2/17     | 2/17     |          |          | 2/17     | 2/17     | 2/17     | 2/17     |          |          | 2/17     | 2/17     |          |          |          |
| 12:12    | 13:33    |          |          | 18:13    | 16:53    | 15:45    | 23:49    |          |          | 20:48    | 22:00    |          |          |          |
| 12:35    | 13:49    |          |          | 18:22    | 17:03    | 16:04    | 0:06     |          |          | 21:03    | 22:11    |          |          |          |
| NNE      | NNW      |          |          | SE       | ENE      | NNE      | WNW      |          |          | NW       | N        |          |          |          |
| 2        | 2        |          |          | 2        | 2        | 3        | 2        |          |          | 1        | 2        |          |          |          |
| BC       | BC       |          |          | BC       | BC       | BC       | BC       |          |          | BC       | BC       |          |          |          |
| 1025.8   | 1024.6   |          |          | 1024.8   | 1024.7   | 1024.2   | 1024.2   |          |          | 1024.4   | 1024.8   |          |          |          |
| 8.5      | 10.2     |          |          | 9.4      | 9.4      | 10.2     | 11.4     |          |          | 10.7     | 11.7     |          |          |          |
| 2        | 2        |          |          |          | 1        | 2        |          |          |          |          |          |          |          |          |
| NNE3     | NNE3     |          |          |          | NNE2     | NNE3     |          |          |          |          |          |          |          |          |
| 3        | 2        |          |          |          | 2        | 2        |          |          |          |          |          |          |          |          |
| 8        | 10       |          |          |          |          | 14       |          |          |          |          |          |          |          |          |
| 970      |          |          |          | 25       | 268      | 821      |          |          |          | 77       | 232      |          |          |          |
| 16       | 27       |          |          | 297      | 178      | 88       | 13       |          |          | 33       | 28       |          |          |          |
| 0.4      | 2.9      |          |          | 0.2      | 0.5      | 0.4      | 2.8      |          |          | 0.5      | 2.5      |          |          |          |
| 12       | 28       |          |          | 279      | 161      | 114      | 14       |          |          | 43       | 23       |          |          |          |
| 0.4      | 2.3      |          |          | 2.7      | 0.4      | 0.5      | 2.7      |          |          | 0.7      | 2.4      |          |          |          |
| 357      | 26       |          |          | 268      | 170      | 92       | 14       |          |          | 134      | 16       |          |          |          |
| 0.4      | 1.3      |          |          | 4.9      | 0.6      | 0.5      | 2.7      |          |          | 5.4      | 2.3      |          |          |          |
| 15.6     | 18.0     |          |          | 13.5     | 16.0     | 16.3     | 18.3     |          |          | 15.2     | 18.5     |          |          |          |
| 15.4     | 17.7     |          |          | 13.4     | 15.8     | 16.1     | 18.0     |          |          | 14.9     | 18.2     |          |          |          |
| 15.2     | 17.7     |          |          | 13.3     | 15.8     | 16.1     | 18.0     |          |          | 14.9     | 18.2     |          |          |          |
| 15.2     | 17.7     |          |          |          | 15.7     | 15.5     | 18.0     |          |          | 14.9     | 18.2     |          |          |          |
| 15.1     | 17.4     |          |          |          | 15.5     | 15.1     | 18.0     |          |          | 14.7     | 18.2     |          |          |          |
| 15.1     | 16.4     |          |          |          | 15.5     | 14.8     | 18.0     |          |          |          | 18.2     |          |          |          |
| 14.9     | 15.9     |          |          |          | 13.8     | 14.1     | 18.0     |          |          |          | 18.2     |          |          |          |
| 13.6     | 14.9     |          |          |          | 12.6     | 12.8     | 18.0     |          |          |          | 18.2     |          |          |          |
| 12.7     | 13.3     |          |          |          | 11.7     | 12.1     | 17.5     |          |          |          | 17.9     |          |          |          |
| 11.4     | 12.0     |          |          |          | 11.1     | 11.8     | 17.2     |          |          |          | 16.7     |          |          |          |
| 10.7     | 11.1     |          |          |          | 10.7     | 11.3     | 16.7     |          |          |          | 14.2     |          |          |          |
| 8.6      | 9.8      |          |          |          | 9.9      | 9.5      | 14.7     |          |          |          |          |          |          |          |
| 7.1      | 8.7      |          |          |          |          | 9.0      | 12.8     |          |          |          |          |          |          |          |
| 5.2      | 6.7      |          |          |          |          | 6.5      | 7.1      |          |          |          |          |          |          |          |
| 5.3      | 4.8      |          |          |          |          | 5.1      | 5.1      |          |          |          |          |          |          |          |
| 4.6      |          |          |          |          |          | 4.4      |          |          |          |          |          |          |          |          |
| 4.1      |          |          |          |          |          | 3.7      |          |          |          |          |          |          |          |          |
| 3.9      |          |          |          |          |          | 3.6      |          |          |          |          |          |          |          |          |
| 3.4      |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
|          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 34.59    | 34.65    |          |          | 34.50    | 34.59    | 34.60    | 34.66    |          |          | 34.54    | 34.63    |          |          |          |
| 34.58    | 34.65    |          |          | 34.52    | 34.59    | 34.60    | 34.66    |          |          | 34.54    | 34.63    |          |          |          |
| 34.57    | 34.65    |          |          |          | 34.59    | 34.55    | 34.66    |          |          | 34.54    | 34.63    |          |          |          |
| 34.57    | 34.62    |          |          |          | 34.58    | 34.54    | 34.66    |          |          | 34.52    | 34.63    |          |          |          |
| 34.56    | 34.59    |          |          |          | 34.58    | 34.51    | 34.66    |          |          |          | 34.63    |          |          |          |
| 34.54    | 34.56    |          |          |          | 34.48    | 34.44    | 34.66    |          |          |          | 34.63    |          |          |          |
| 34.46    | 34.51    |          |          |          | 34.33    | 34.30    | 34.65    |          |          |          | 34.64    |          |          |          |
| 34.40    | 34.36    |          |          |          | 34.23    | 34.28    | 34.67    |          |          |          | 34.67    |          |          |          |
| 34.34    | 34.24    |          |          |          | 34.19    | 34.25    | 34.67    |          |          |          | 34.59    |          |          |          |
| 34.34    | 34.17    |          |          |          | 34.14    | 34.18    | 34.62    |          |          |          | 34.36    |          |          |          |
| 34.22    | 34.07    |          |          |          | 34.15    | 34.03    | 34.53    |          |          |          |          |          |          |          |
| 34.09    | 34.25    |          |          |          |          | 34.10    | 34.40    |          |          |          |          |          |          |          |
| 33.91    | 34.12    |          |          |          |          | 34.08    | 34.16    |          |          |          |          |          |          |          |
| 34.07    | 34.09    |          |          |          |          | 34.15    | 34.21    |          |          |          |          |          |          |          |
| 34.19    |          |          |          |          |          | 34.24    |          |          |          |          |          |          |          |          |
| 34.26    |          |          |          |          |          | 34.29    |          |          |          |          |          |          |          |          |
| 34.32    |          |          |          |          |          | 34.35    |          |          |          |          |          |          |          |          |
| 34.36    |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
|          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 951      | 501      |          |          | 22       | 257      | 803      | 504      |          |          | 66       | 224      |          |          |          |
| 3.4      | 4.8      |          |          | 13.3     | 9.8      | 3.6      | 5.0      |          |          | 14.3     | 9.4      |          |          |          |
|          |          |          |          | 3        |          | 2        |          |          |          | 4        |          |          |          |          |
|          |          |          |          | 20       |          | 150      |          |          |          | 65       |          |          |          |          |
|          |          |          |          | 11       |          | 26       |          |          |          | 3        |          |          |          |          |
|          |          |          |          | 218      |          | 1609     |          |          |          | 660      |          |          |          |          |
|          |          |          |          | 3        |          | 2        |          |          |          | 4        |          |          |          |          |



茨城県 海洋観測結果(2023年3月)

調査船: いばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| St.No.     | A-1      | A-2      | A-3      | A-4      | A-5      | A-6      | A-7      | A-8      | A-9      | O-1      | O-2      | O-3      | O-4      | O-5      | O-6      |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 緯度N        | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 34'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  |
| 経度E        | 140° 46' | 140° 52' | 140° 58' | 141° 04' | 141° 11' | 141° 20' | 141° 30' | 141° 45' | 142° 00' | 140° 38' | 140° 41' | 140° 47' | 140° 53' | 140° 59' | 141° 06' |
| 月日         | 3/16     | 3/16     | 3/16     | 3/16     | 3/16     | 3/16     | 3/16     | 3/16     | 3/16     | 3/15     | 3/15     | 3/15     | 3/15     | 3/15     | 3/15     |
| 開始         | 17:03    | 16:34    | 16:03    | 15:31    | 14:43    | 13:28    | 12:18    | 10:47    | 9:25     | 8:42     | 8:58     | 9:28     | 10:07    | 10:47    | 11:39    |
| 終了         | 17:16    | 16:40    | 16:12    | 15:40    | 15:04    | 14:10    | 12:50    | 11:15    | 9:41     | 8:46     | 9:04     | 9:42     | 10:15    | 11:10    | 12:00    |
| 風向         | SSE      | SSE      | S        | S        | SSE      | S        | S        | S        | ESE      | NNE      | NNE      | NNW      | NNW      | NNE      | -        |
| 風力         | 2        | 3        | 3        | 2        | 2        | 3        | 3        | 2        | 2        | 2        | 2        | 2        | 2        | 2        | 2        |
| 天気         | BC       | BC       | BC       | BC       | C        | C        | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       |
| 気圧         | 1020.1   | 1019.9   | 1020.4   | 1021     | 1021.4   | 1021.5   | 1022.7   | 1024.3   | 1025.5   | 1028.4   | 1028.3   | 1028.3   | 1028.4   | 1028.3   | 1027.9   |
| 気温         | 17.4     | 17.5     | 17.8     | 17.7     | 17.1     | 17.2     | 17       | 16.6     | 15.6     | 10.5     | 10.7     | 11.8     | 12.6     | 13.1     | 13.5     |
| 風浪         | 1        | 1        | 1        | 1        | 2        | 3        | 1        | 1        | 1        | 2        | 2        | 2        | 2        | 2        | 2        |
| うねり        | E 1      | 1        | 2        | SSW 2    | SSE 2    | SSW 3    | NNE 1    | NNE 1    | ENE 2    | NE 2     | NE 2     | N 2      | NE 2     | NE 2     | NNE 2    |
| 水色         | 4        | 4        | 4        | 4        | 4        | 3        | 3        | 2        | 2        | 6        | 6        | 3        | 3        | 2        | 2        |
| 透明度        | 8        | 9        | 14       | 9        | 9        | 10       | 9        | 10.5     | 19.3     | 4.6      | 8.3      | 13.8     | 12.7     | 15.4     | 20.2     |
| 水深         | 55       | 101      | 132      | 306      | 525      | 734      | 1040     |          |          | 23       | 29       | 80       | 147      | 488      | 691      |
| 流向(10m)    | 64       | 32       | 30       | 114      | 186      | 202      | 224      | 54       | 35       | 102      | 80       | 359      | 24       | 6        | 7        |
| 流速(10m)    | 0.6      | 0.5      | 0.2      | 0.1      | 0.6      | 0.7      | 0.5      | 1.0      | 3.4      | 0.9      | 2.4      | 1.3      | 1.1      | 0.8      | 0.7      |
| 流向(50m)    | 315      | 42       | 256      | 210      | 214      | 186      | 226      | 55       | 35       | 131      | 94       | 89       | 26       | 1        | 5        |
| 流速(50m)    | 0.4      | 0.4      | 0.1      | 0.2      | 0.4      | 0.7      | 0.6      | 0.9      | 3.4      | 4.1      | 3.6      | 5.7      | 0.8      | 0.8      | 0.6      |
| 流向(100m)   | 261      | 266      | 159      | 330      | 243      | 207      | 245      | 55       | 35       | 125      | 93       | 98       | 88       | 351      | 335      |
| 流速(100m)   | 5.8      | 5.0      | 0.2      | 0.2      | 0.4      | 0.6      | 0.4      | 0.7      | 2.7      | 1.7      | 4.4      | 3.9      | 3.5      | 0.5      | 0.6      |
| 水温 0m      | 15.5     | 16.8     | 17.1     | 17.0     | 17.1     | 17.2     | 16.7     | 16.6     | 19.6     | 13.3     | 14.1     | 16.0     | 16.6     | 16.7     | 16.8     |
| 10m        | 14.4     | 15.9     | 16.6     | 16.6     | 16.8     | 16.9     | 16.4     | 16.2     | 19.4     | 13.3     | 13.9     | 15.8     | 16.2     | 16.4     | 16.3     |
| 20m        | 14.2     | 15.7     | 16.3     | 16.5     | 16.7     | 16.8     | 16.2     | 16.1     | 19.3     |          | 13.6     | 15.8     | 16.2     | 16.4     | 16.3     |
| 30m        | 14.0     | 15.6     | 16.3     | 16.4     | 16.5     | 16.8     | 16.2     | 16.0     | 19.3     |          |          | 15.8     | 16.2     | 16.4     | 16.3     |
| 50m        |          | 15.1     | 16.0     | 16.4     | 16.2     | 16.7     | 16.2     | 15.8     | 18.6     |          |          | 15.8     | 15.9     | 16.4     | 16.3     |
| 75m        |          | 13.8     | 15.0     | 15.6     | 16.1     | 15.9     | 16.2     | 15.7     | 17.7     |          |          |          | 13.9     | 16.3     | 16.2     |
| 100m       |          |          | 13.8     | 15.0     | 15.3     | 15.5     | 15.5     | 15.7     | 17.3     |          |          |          | 13.0     | 15.2     | 15.7     |
| 125m       |          |          |          | 14.4     | 14.5     | 14.8     | 14.8     | 14.5     | 16.4     |          |          |          | 11.4     | 14.3     | 15.1     |
| 150m       |          |          |          | 13.3     | 13.8     | 13.8     | 13.6     | 13.7     | 15.7     |          |          |          |          | 13.6     | 13.8     |
| 175m       |          |          |          | 12.4     | 12.9     | 13.2     | 12.5     | 12.7     | 13.8     |          |          |          |          | 12.4     | 12.8     |
| 200m       |          |          |          | 11.9     | 12.2     | 12.1     | 11.8     | 11.9     | 12.9     |          |          |          |          | 11.6     | 11.8     |
| 250m       |          |          |          | 10.5     | 10.7     | 10.6     | 10.6     | 10.4     | 10.4     |          |          |          |          | 10.0     | 10.1     |
| 300m       |          |          |          |          | 9.6      | 9.2      | 9.4      | 9.3      | 9.5      |          |          |          |          | 8.8      | 9.4      |
| 400m       |          |          |          |          | 7.6      | 7.2      | 7.0      | 6.7      | 7.8      |          |          |          |          | 6.5      | 5.9      |
| 500m       |          |          |          |          | 5.9      | 5.4      | 5.9      | 5.5      | 5.6      |          |          |          |          |          | 5.3      |
| 600m       |          |          |          |          |          | 4.8      | 4.4      | 5.0      |          |          |          |          |          |          | 4.4      |
| 700m       |          |          |          |          |          | 4.3      | 3.8      | 4.3      |          |          |          |          |          |          |          |
| 800m       |          |          |          |          |          |          | 3.6      | 3.7      |          |          |          |          |          |          |          |
| 900m       |          |          |          |          |          |          | 3.3      | 3.4      |          |          |          |          |          |          |          |
| 1000m      |          |          |          |          |          |          | 3.2      | 3.1      |          |          |          |          |          |          |          |
| 塩分0m       |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 10m        | 34.48    | 34.59    | 34.62    | 34.63    | 34.65    | 34.62    | 34.60    | 34.60    | 34.68    | 34.36    | 34.45    | 34.59    | 34.61    | 34.62    | 34.61    |
| 20m        | 34.47    | 34.59    | 34.61    | 34.63    | 34.64    | 34.62    | 34.60    | 34.60    | 34.68    |          | 34.39    | 34.59    | 34.61    | 34.62    | 34.61    |
| 30m        | 34.45    | 34.58    | 34.61    | 34.63    | 34.61    | 34.62    | 34.60    | 34.60    | 34.67    |          |          | 34.59    | 34.61    | 34.62    | 34.61    |
| 50m        |          | 34.54    | 34.58    | 34.62    | 34.60    | 34.62    | 34.60    | 34.60    | 34.63    |          |          | 34.59    | 34.58    | 34.62    | 34.61    |
| 75m        |          | 34.47    | 34.53    | 34.55    | 34.59    | 34.58    | 34.59    | 34.59    | 34.62    |          |          |          | 34.48    | 34.61    | 34.60    |
| 100m       |          |          | 34.48    | 34.53    | 34.55    | 34.56    | 34.55    | 34.59    | 34.61    |          |          |          | 34.44    | 34.53    | 34.57    |
| 125m       |          |          |          | 34.52    | 34.51    | 34.53    | 34.53    | 34.51    | 34.59    |          |          |          | 34.36    | 34.50    | 34.53    |
| 150m       |          |          |          | 34.46    | 34.47    | 34.48    | 34.47    | 34.48    | 34.56    |          |          |          |          | 34.48    | 34.48    |
| 175m       |          |          |          | 34.41    | 34.44    | 34.45    | 34.42    | 34.43    | 34.47    |          |          |          |          | 34.42    | 34.44    |
| 200m       |          |          |          | 34.39    | 34.41    | 34.40    | 34.38    | 34.39    | 34.42    |          |          |          |          | 34.38    | 34.40    |
| 250m       |          |          |          | 34.29    | 34.33    | 34.33    | 34.34    | 34.33    | 34.21    |          |          |          |          | 34.32    | 34.31    |
| 300m       |          |          |          |          | 34.25    | 34.27    | 34.30    | 34.29    | 34.24    |          |          |          |          | 34.23    | 34.28    |
| 400m       |          |          |          |          | 34.13    | 34.20    | 34.20    | 34.12    | 34.21    |          |          |          |          | 34.10    | 33.99    |
| 500m       |          |          |          |          | 34.07    | 34.11    | 34.23    | 34.18    | 34.06    |          |          |          |          |          | 34.14    |
| 600m       |          |          |          |          |          | 34.16    | 34.17    | 34.25    |          |          |          |          |          |          | 34.22    |
| 700m       |          |          |          |          |          | 34.23    | 34.26    | 34.26    |          |          |          |          |          |          |          |
| 800m       |          |          |          |          |          |          | 34.31    | 34.28    |          |          |          |          |          |          |          |
| 900m       |          |          |          |          |          |          | 34.36    | 34.33    |          |          |          |          |          |          |          |
| 1000m      |          |          |          |          |          |          | 34.39    | 34.38    |          |          |          |          |          |          |          |
| 底水温測定水深(m) | 46       | 92       | 122      | 292      | 507      | 719      | 1001     | 1003     |          | 19       | 26       | 72       | 137      | 473      | 672      |
| 底水温(°C)    | 13.0     | 12.3     | 12.1     | 9.9      | 5.8      | 4.2      | 3.2      | 3.1      |          | 13.3     | 13.2     | 15.0     | 11.1     | 5.5      | 4.2      |
| ルバックネット    | 13       |          | 12       |          | 11       |          | 10       |          |          |          |          | 1        |          | 2        |          |
| ワイヤー長      | 45       |          | 120      |          | 150      |          | 150      |          |          |          |          | 70       |          | 150      |          |
| 傾角         | 17       |          | 25       |          | 41       |          | 30       |          |          |          |          | 21       |          | 6        |          |
| 回転数        | 390      |          | 1325     |          | 1554     |          | 1410     |          |          |          |          | 688      |          | 1450     |          |
| ルバックネット瓶番号 | 13       |          | 12       |          | 11       |          | 10       |          |          |          |          | 1        |          | 2        |          |

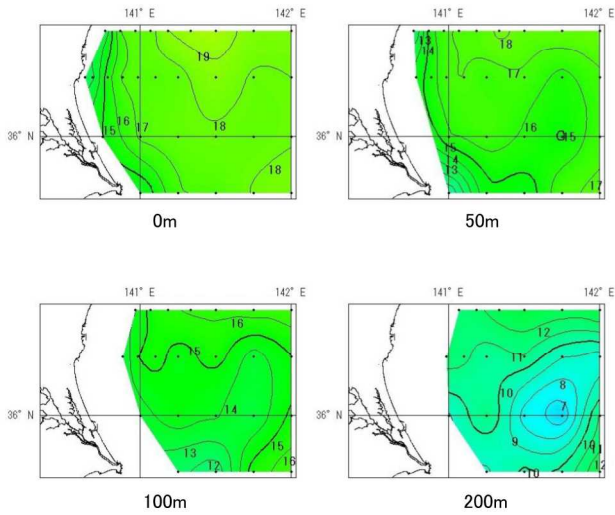
茨城県 海洋観測結果(2023年3月)

調査船: I-1ばらき丸 調査海域: A=会瀬定線(県北部海域), O=大洗(県中北部海域)定線, K=鹿島定線(県中南部海域), I=犬吠埼定線(県南部海域)

| O-7      | O-8      | O-9      | O-10     | K-1      | K-2      | K-3      | K-4      | K-5      | K-6      | I-1      | I-2      | I-3      | I-4      | I-5      |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 36° 19'  | 36° 19'  | 36° 19'  | 36° 19'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 36° 00'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  | 35° 42'  |
| 141° 15' | 141° 30' | 141° 45' | 142° 00' | 140° 45' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' | 141° 00' | 141° 15' | 141° 30' | 141° 45' | 142° 00' |
| 3/15     | 3/15     | 3/15     | 3/16     | 3/15     | 3/15     | 3/15     | 3/15     |          | 3/16     | 3/16     | 3/16     | 3/16     | 3/16     | 3/16     |
| 12:37    | 14:09    | 15:37    | 8:00     | 22:22    | 21:11    | 19:52    | 18:20    |          | 6:35     | 0:13     | 1:22     | 2:42     | 4:03     | 5:14     |
| 13:11    | 14:40    | 16:01    | 8:27     | 22:35    | 21:30    | 20:21    | 18:53    |          | 6:50     | 0:25     | 1:40     | 2:58     | 4:25     | 5:30     |
| NE       | NE       | NE       | NNW      | SSE      | S        | SSE      | NE       |          | SE       | S        | SSE      | SSE      | SE       | SW       |
| 1        | 2        | 2        | 2        | 2        | 2        | 2        | 2        |          | 2        | 2        | 2        | 1        | 1        | 1        |
| BC       | BC       | BC       | BC       | BC       | BC       | BC       | BC       |          | BC       | BC       | BC       | BC       | BC       | BC       |
| 1027.7   | 1027.1   | 1027.2   | 1025.8   | 1027     | 1027.6   | 1027.3   | 1027     |          | 1025.7   | 1026.3   | 1026.1   | 1025.8   | 1025.6   | 1025.5   |
| 13.9     | 14       | 13.8     | 14.8     | 13.5     | 13.5     | 13.2     | 13.1     |          | 14.3     | 14.2     | 14.3     | 14.4     | 14.1     | 14       |
| 2        | 2        | 2        | 1        |          |          |          |          |          | 1        |          |          |          |          |          |
| NNE 2    | ENE 2    | ENE 3    | ENE 2    |          |          |          |          |          | ESE 3    |          |          |          |          | E 2      |
| 3        | 2        | 3        | 2        |          |          |          |          |          | 3        |          |          |          |          |          |
| 11       | 9        | 10       | 15.8     |          |          |          |          |          | 14       |          |          |          |          |          |
| 973      |          |          |          | 25       | 253      | 815      |          |          |          | 75       | 222      |          |          |          |
| 60       | 205      | 25       | 20       | 275      | 276      | 212      | 27       |          | 7        | 174      | 35       | 37       | 48       | 27       |
| 0.1      | 0.2      | 0.9      | 1.4      | 0.4      | 0.4      | 0.7      | 3.4      |          | 2.1      | 0.1      | 1.2      | 3.0      | 2.7      | 2.4      |
| 12       | 158      | 20       | 18       | 251      | 260      | 214      | 31       |          | 10       | 115      | 22       | 31       | 42       | 23       |
| 0.1      | 0.2      | 1.0      | 1.7      | 1.3      | 0.5      | 0.7      | 2.8      |          | 2.4      | 0.1      | 1.5      | 2.9      | 2.5      | 2.5      |
| 279      | 73       | 30       | 23       | 264      | 229      | 212      | 32       |          | 15       | 158      | 38       | 33       | 46       | 24       |
| 0.3      | 0.3      | 0.9      | 2.0      | 5.5      | 0.4      | 0.4      | 2.1      |          | 2.4      | 6.3      | 0.9      | 2.7      | 2.3      | 2.5      |
| 17.2     | 16.7     | 17.9     | 19.4     | 13.9     | 17.0     | 17.1     | 19.2     |          | 19.3     | 15.5     | 16.9     | 18.8     | 19.0     | 19.4     |
| 16.6     | 16.1     | 17.6     | 19.2     | 13.4     | 16.7     | 16.8     | 18.8     |          | 19.1     | 15.2     | 16.6     | 18.5     | 18.8     | 19.1     |
| 16.5     | 16.1     | 17.0     | 19.2     | 12.7     | 16.6     | 16.7     | 18.3     |          | 19.1     | 15.2     | 16.5     | 18.2     | 18.8     | 18.8     |
| 16.5     | 16.0     | 16.5     | 19.2     |          | 16.6     | 16.6     | 18.1     |          | 18.8     | 15.2     | 16.4     | 18.0     | 18.7     | 18.6     |
| 16.4     | 16.0     | 16.0     | 19.0     |          | 16.5     | 16.6     | 17.4     |          | 18.7     | 13.6     | 15.7     | 17.5     | 18.7     | 18.5     |
| 15.7     | 16.0     | 15.7     | 18.8     |          | 16.0     | 16.3     | 17.2     |          | 18.4     |          | 14.2     | 17.3     | 18.0     | 18.5     |
| 15.1     | 14.8     | 14.6     | 18.4     |          | 14.4     | 15.1     | 16.5     |          | 18.4     |          | 13.9     | 17.0     | 17.8     | 18.3     |
| 14.5     | 13.8     | 13.7     | 18.2     |          | 14.0     | 14.6     | 15.9     |          | 18.2     |          | 12.5     | 16.7     | 17.4     | 18.2     |
| 13.5     | 13.2     | 12.7     | 17.7     |          | 12.9     | 13.5     | 14.5     |          | 17.9     |          | 12.2     | 16.5     | 17.0     | 18.2     |
| 12.4     | 12.2     | 11.9     | 17.2     |          | 11.5     | 12.2     | 13.5     |          | 17.7     |          | 11.5     | 16.2     | 16.9     | 17.9     |
| 11.8     | 11.3     | 11.5     | 16.7     |          | 10.8     | 11.3     | 11.5     |          | 17.3     |          | 11.1     | 16.1     | 16.8     | 17.6     |
| 10.3     | 10.1     | 10.3     | 15.3     |          |          | 10.3     | 9.6      |          | 16.3     |          |          | 14.8     | 16.1     | 16.8     |
| 9.3      | 8.8      | 9.2      | 13.5     |          |          | 9.0      | 9.1      |          | 14.6     |          |          | 13.4     | 15.0     | 15.9     |
| 6.3      | 6.8      | 7.6      | 10.2     |          |          | 6.6      | 7.1      |          | 11.4     |          |          | 7.9      | 11.4     | 13.1     |
| 4.9      | 5.9      | 5.9      | 8.5      |          |          | 4.7      | 5.0      |          | 8.6      |          |          | 5.7      | 7.8      | 10.0     |
| 4.4      | 4.4      | 5.0      | 5.9      |          |          | 4.6      | 4.4      |          |          |          |          |          |          |          |
| 3.8      | 3.9      | 4.1      | 4.6      |          |          | 4.1      | 4.0      |          |          |          |          |          |          |          |
| 3.6      | 3.6      | 3.7      | 3.9      |          |          | 3.7      | 3.7      |          |          |          |          |          |          |          |
| 3.3      | 3.3      | 3.4      | 3.4      |          |          |          | 3.4      |          |          |          |          |          |          |          |
|          | 3.1      | 3.1      | 3.1      |          |          |          | 3.2      |          |          |          |          |          |          |          |
| 34.62    | 34.60    | 34.62    | 34.66    | 34.42    | 34.64    | 34.64    | 34.66    |          | 34.67    | 34.56    | 34.60    | 34.63    | 34.65    | 34.67    |
| 34.62    | 34.60    | 34.61    | 34.66    | 34.36    | 34.64    | 34.64    | 34.64    |          | 34.67    | 34.56    | 34.58    | 34.63    | 34.65    | 34.68    |
| 34.62    | 34.60    | 34.60    | 34.66    |          | 34.64    | 34.63    | 34.64    |          | 34.66    | 34.56    | 34.58    | 34.62    | 34.64    | 34.68    |
| 34.61    | 34.60    | 34.60    | 34.67    |          | 34.63    | 34.63    | 34.61    |          | 34.68    | 34.47    | 34.55    | 34.60    | 34.64    | 34.68    |
| 34.57    | 34.60    | 34.56    | 34.68    |          | 34.58    | 34.61    | 34.60    |          | 34.68    |          | 34.49    | 34.60    | 34.62    | 34.68    |
| 34.53    | 34.52    | 34.51    | 34.63    |          | 34.51    | 34.54    | 34.59    |          | 34.68    |          | 34.48    | 34.59    | 34.62    | 34.67    |
| 34.52    | 34.48    | 34.47    | 34.67    |          | 34.49    | 34.52    | 34.56    |          | 34.67    |          | 34.41    | 34.58    | 34.61    | 34.67    |
| 34.47    | 34.45    | 34.42    | 34.67    |          | 34.44    | 34.46    | 34.52    |          | 34.67    |          | 34.39    | 34.58    | 34.59    | 34.67    |
| 34.42    | 34.40    | 34.39    | 34.69    |          | 34.36    | 34.40    | 34.45    |          | 34.68    |          | 34.32    | 34.57    | 34.59    | 34.68    |
| 34.39    | 34.36    | 34.37    | 34.68    |          | 34.31    | 34.37    | 34.34    |          | 34.68    |          | 34.30    | 34.56    | 34.59    | 34.68    |
| 34.30    | 34.31    | 34.31    | 34.59    |          |          | 34.31    | 34.17    |          | 34.65    |          |          | 34.52    | 34.57    | 34.67    |
| 34.27    | 34.24    | 34.26    | 34.48    |          |          | 34.27    | 34.16    |          | 34.54    |          |          | 34.46    | 34.53    | 34.62    |
| 34.10    | 34.20    | 34.20    | 34.28    |          |          | 34.16    | 34.13    |          | 34.35    |          |          | 34.18    | 34.35    | 34.44    |
| 34.07    | 34.23    | 34.18    | 34.26    |          |          | 34.08    | 34.06    |          | 34.20    |          |          | 34.14    | 34.12    | 34.30    |
| 34.21    | 34.18    | 34.21    | 34.16    |          |          | 34.21    | 34.15    |          |          |          |          |          |          |          |
| 34.28    | 34.24    | 34.22    | 34.30    |          |          | 34.27    | 34.23    |          |          |          |          |          |          |          |
| 34.32    | 34.31    | 34.28    | 34.30    |          |          | 34.32    | 34.29    |          |          |          |          |          |          |          |
| 34.36    | 34.35    | 34.34    | 34.35    |          |          |          | 34.34    |          |          |          |          |          |          |          |
|          | 34.38    | 34.39    | 34.38    |          |          |          | 34.38    |          |          |          |          |          |          |          |
| 943      | 1002     | 1003     | 1001     | 26       | 231      | 802      | 1002     |          | 502      | 66       | 202      | 501      | 503      | 503      |
| 3.3      | 3.1      | 3.0      | 3.1      | 12.7     | 10.2     | 3.7      | 3.2      |          | 8.5      | 12.7     | 11.1     | 5.7      | 7.8      | 9.9      |
| 3        | 4        |          |          | 7        | 6        | 5        |          |          |          | 8        | 9        |          |          |          |
| 150      | 150      |          |          | 20       | 150      | 150      |          |          |          | 65       | 150      |          |          |          |
| 5        | 25       |          |          | 14       | 12       | 8        |          |          |          | 6        | 24       |          |          |          |
| 1390     | 1655     |          |          | 170      | 1459     | 1451     |          |          |          | 648      | 1610     |          |          |          |
| 3        | 4        |          |          | 7        | 6        | 5        |          |          |          | 8        | 9        |          |          |          |

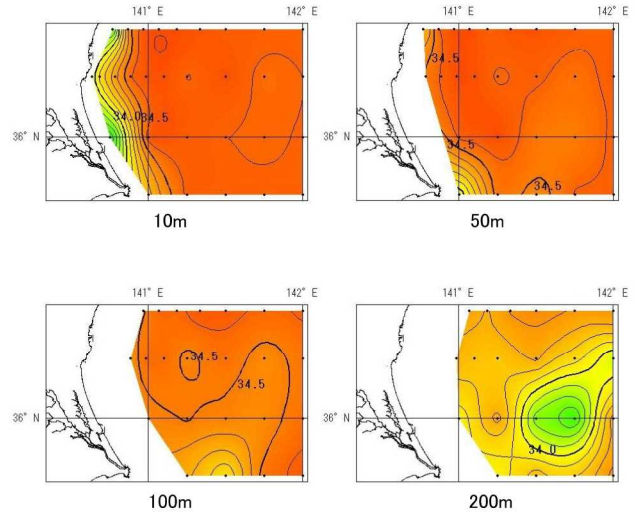
### 令和4年4月の海洋観測結果(水温)

観測日 | 4/11~12  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



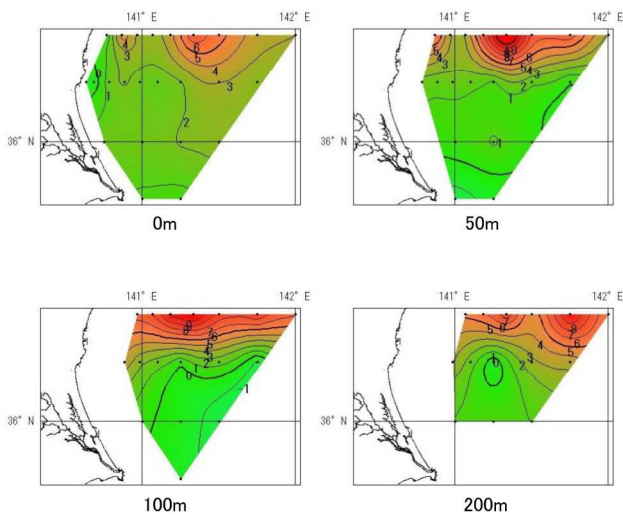
### 令和4年4月の海洋観測結果(塩分)

観測日 | 4/11~12  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



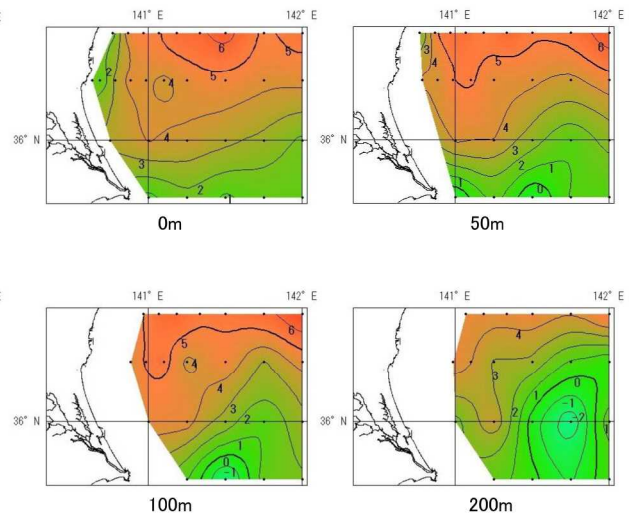
### 令和4年4月の海洋観測結果(水温前月差)

観測日 | 4/11~12  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



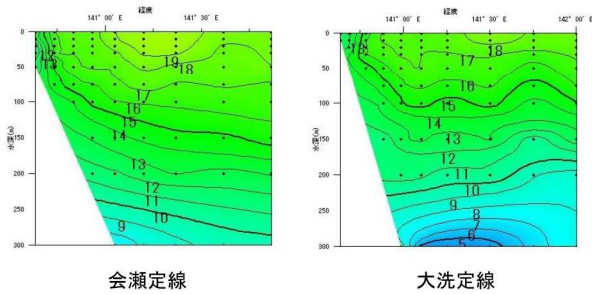
### 令和4年4月の海洋観測結果(水温年偏差)

観測日 | 4/11~12  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です  
 ※水温年偏差は過去30年間(1991年~2020年)の海洋観測データから算出しています



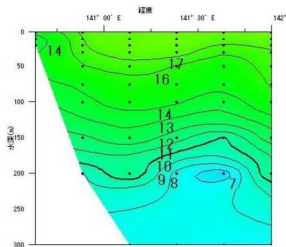
令和4年4月の海洋観測結果(鉛直水温)

観測日 | 4/11~12  
調査船 | いばらき丸  
※図中の黒点は観測点です

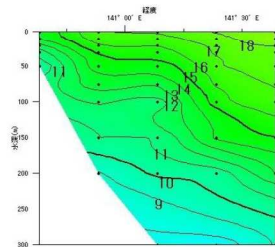


会瀬定線

大洗定線



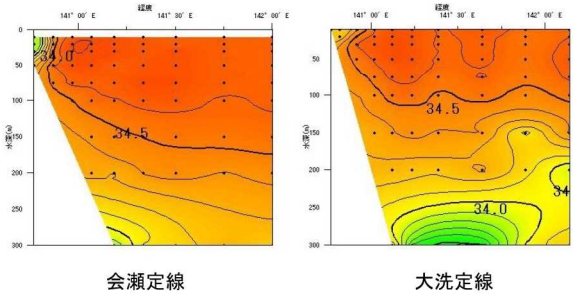
鹿島定線



犬吠埼定線

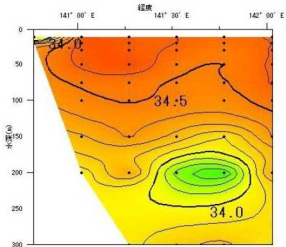
令和4年4月の海洋観測結果(鉛直塩分)

観測日 | 4/11~12  
調査船 | いばらき丸  
※図中の黒点は観測点です

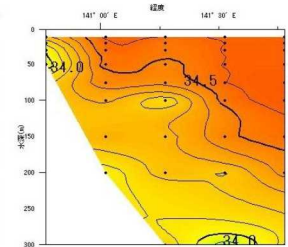


会瀬定線

大洗定線



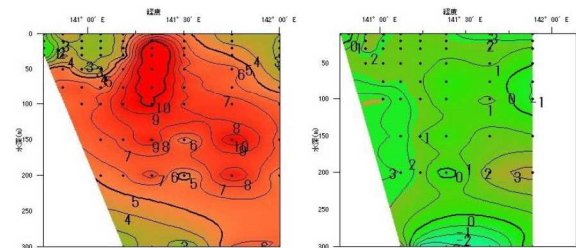
鹿島定線



犬吠埼定線

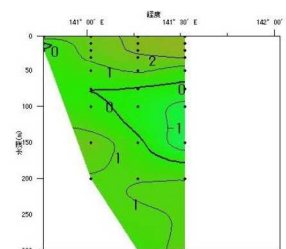
令和4年4月の海洋観測結果(鉛直水温前月差)

観測日 | 4/11~12  
調査船 | いばらき丸  
※図中の黒点は観測点です

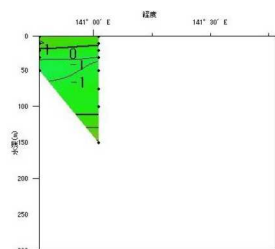


会瀬定線

大洗定線



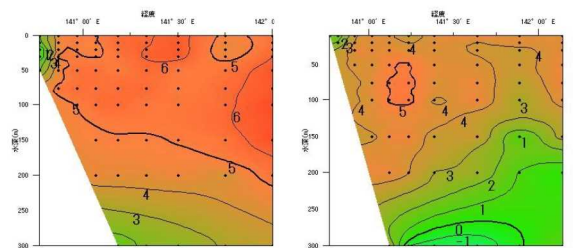
鹿島定線



犬吠埼定線

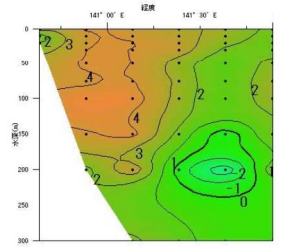
令和4年4月の海洋観測結果(鉛直水温年偏差)

観測日 | 4/11~12  
調査船 | いばらき丸  
※図中の黒点は観測点です  
※水温年偏差は過去30年間(1991年~2020年)の海洋観測データから算出しています

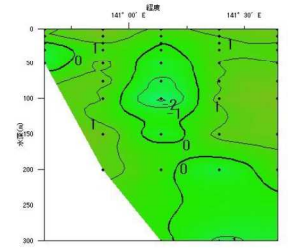


会瀬定線

大洗定線

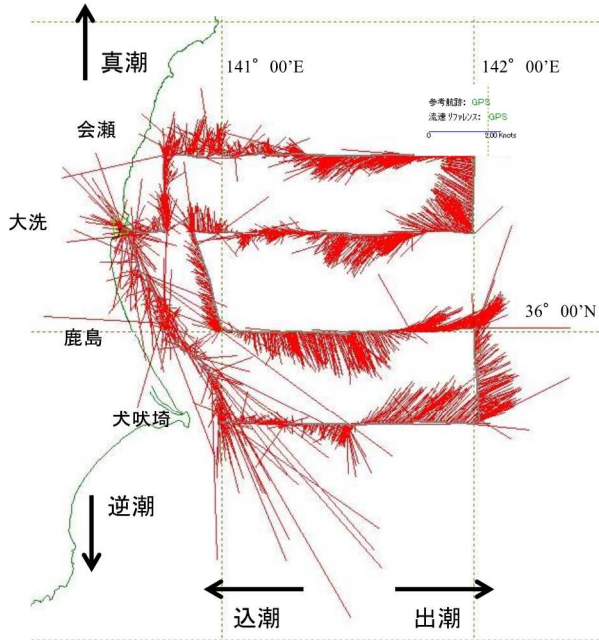


鹿島定線



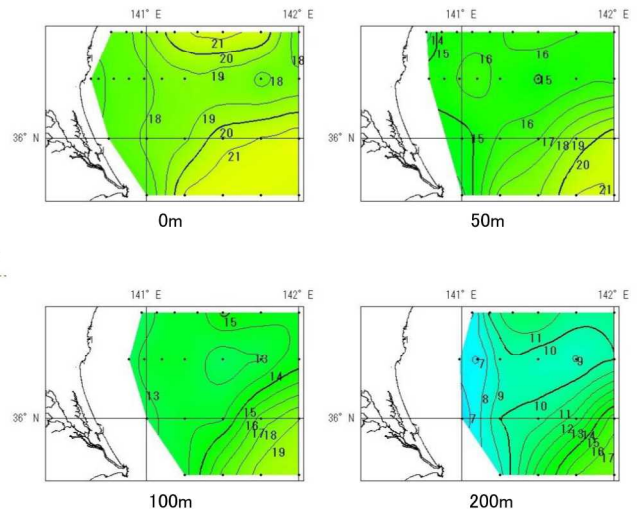
犬吠埼定線

令和4年4月観測  
表層の流向流速



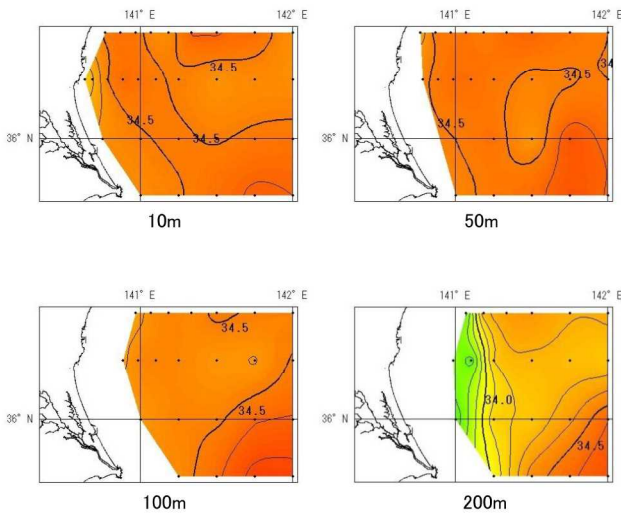
令和4年5月の海洋観測結果(水温)

観測日 | 5/10~12  
調査船 | いばらき丸  
※図中の黒点は観測点です



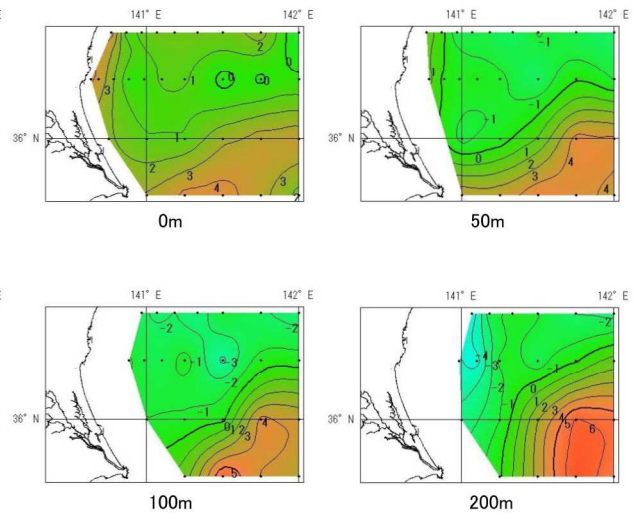
令和4年5月の海洋観測結果(塩分)

観測日 | 5/10~12  
調査船 | いばらき丸  
※図中の黒点は観測点です



令和4年5月の海洋観測結果(水温前月差)

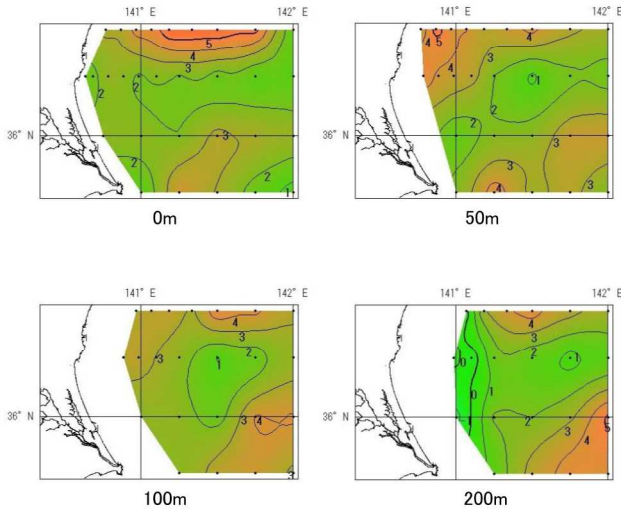
観測日 | 5/10~12  
調査船 | いばらき丸  
※図中の黒点は観測点です





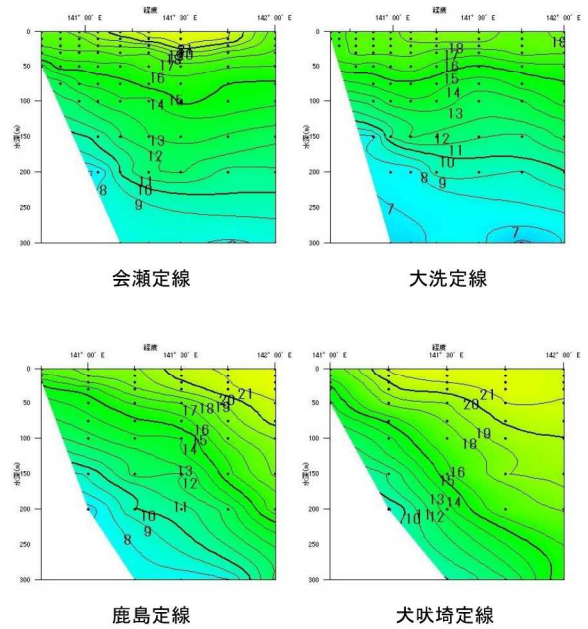
### 令和4年5月の海洋観測結果(水温年々偏差)

観測日 | 5/10~12  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です  
 ※水温年々偏差は過去30年間(1991年~2020年)の海洋観測データから算出しています



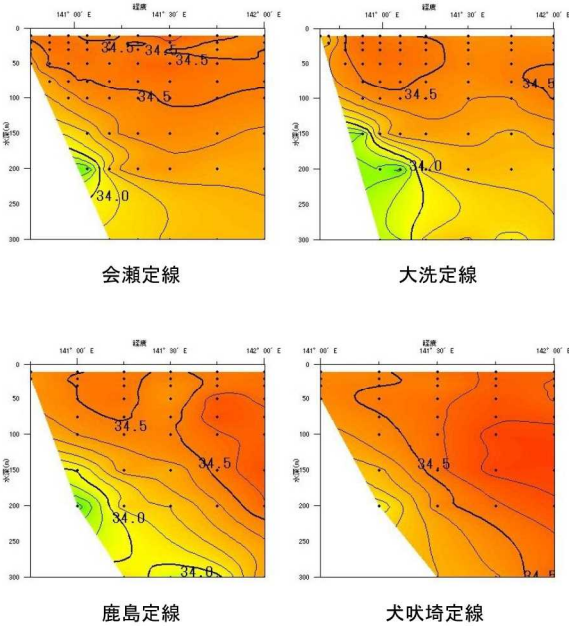
### 令和4年5月の海洋観測結果(鉛直水温)

観測日 | 5/10~12  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



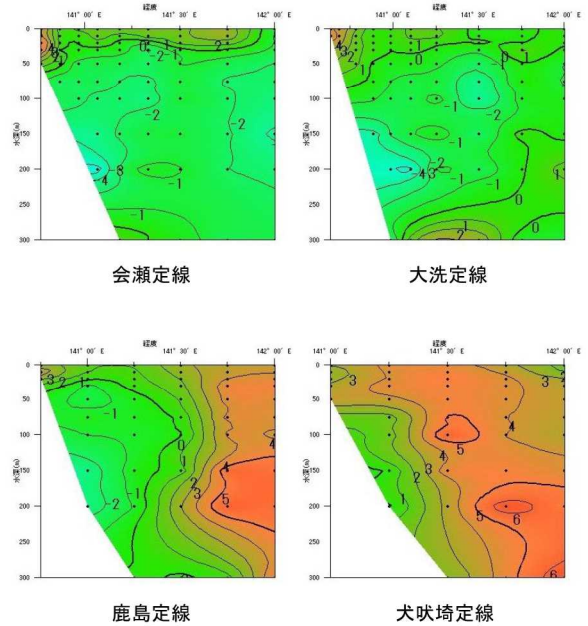
### 令和4年5月の海洋観測結果(鉛直塩分)

観測日 | 5/10~12  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



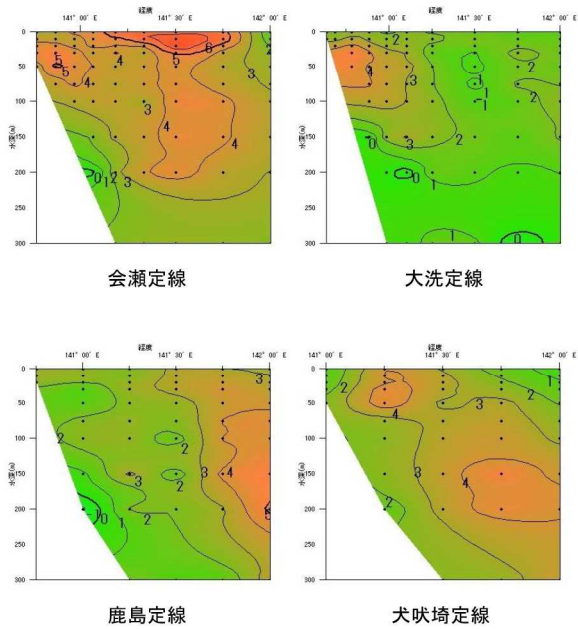
### 令和4年5月の海洋観測結果(鉛直水温前月差)

観測日 | 5/10~12  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です

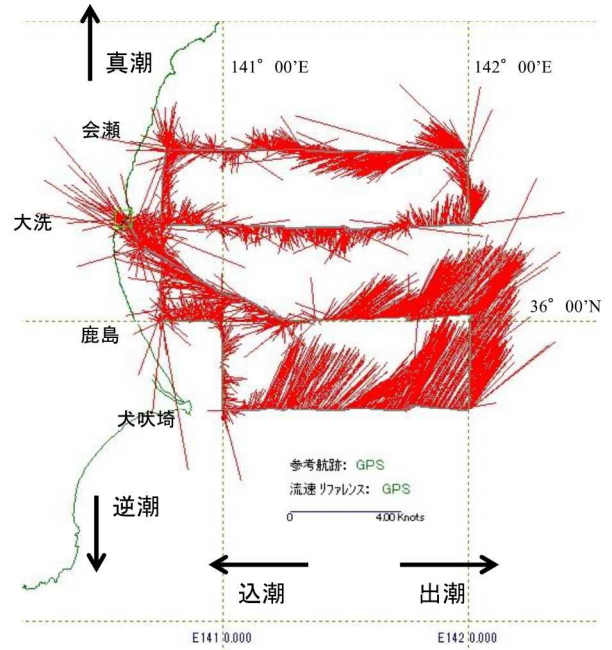


令和4年5月の海洋観測結果(鉛直水温平年偏差)

観測日 | 5/10~12  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です  
 ※水温平年値は過去30年間(1991年~2020年)の海洋観測データから算出しています

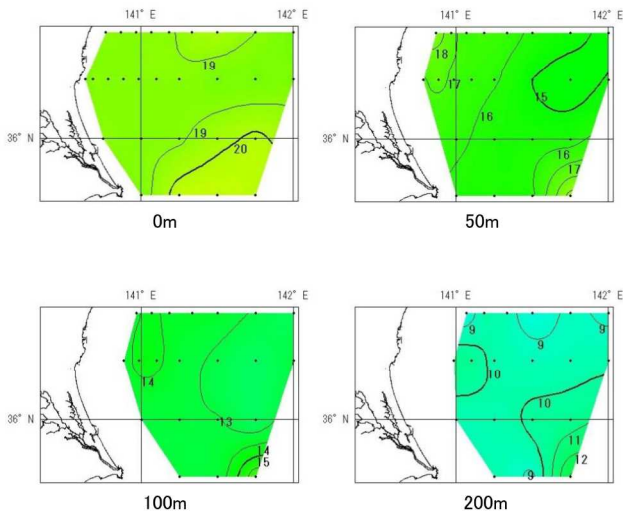


令和4年5月観測  
 表層の流向流速



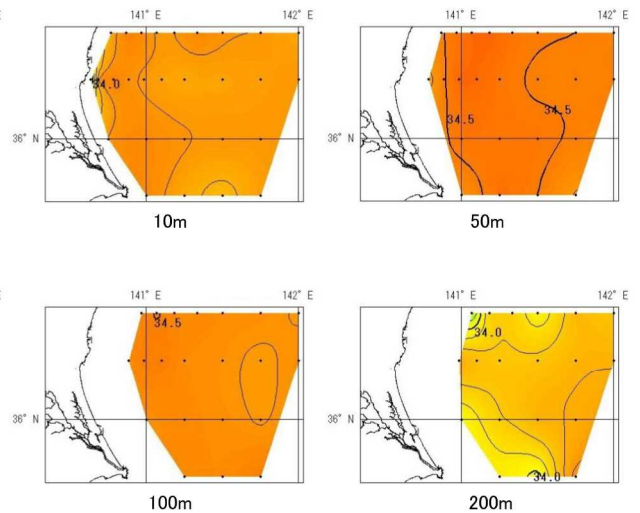
令和4年6月の海洋観測結果(水温)

観測日 | 6/8~10  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



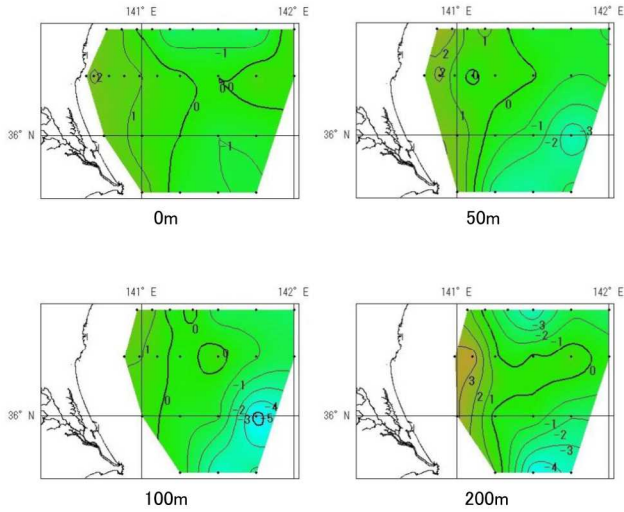
令和4年6月の海洋観測結果(塩分)

観測日 | 6/8~10  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



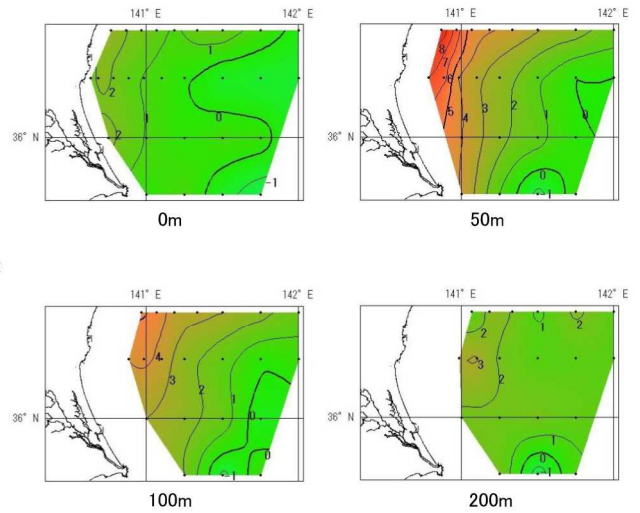
令和4年6月の海洋観測結果(水温前月差)

観測日 | 6/8~10  
調査船 | いばらき丸  
※図中の黒点は観測点です



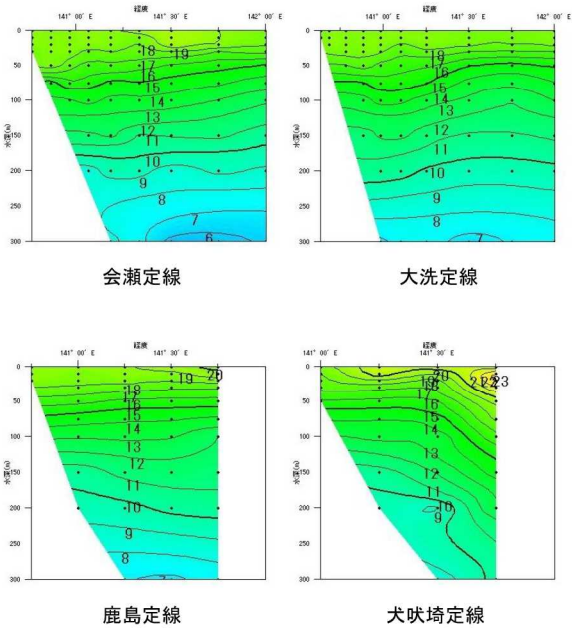
令和4年6月の海洋観測結果(水温平年偏差)

観測日 | 6/8~10  
調査船 | いばらき丸  
※図中の黒点は観測点です  
※水温平年値は過去30年間(1991年~2020年)の海洋観測データから算出しています



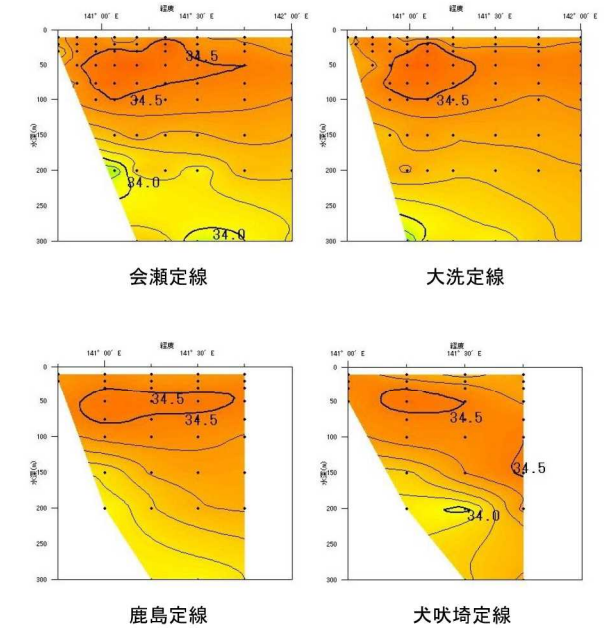
令和4年6月の海洋観測結果(鉛直水温)

観測日 | 6/8~10  
調査船 | いばらき丸  
※図中の黒点は観測点です



令和4年6月の海洋観測結果(鉛直塩分)

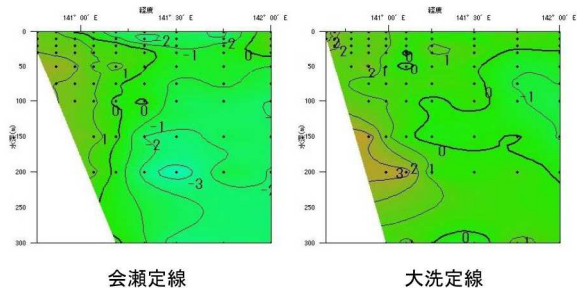
観測日 | 6/8~10  
調査船 | いばらき丸  
※図中の黒点は観測点です





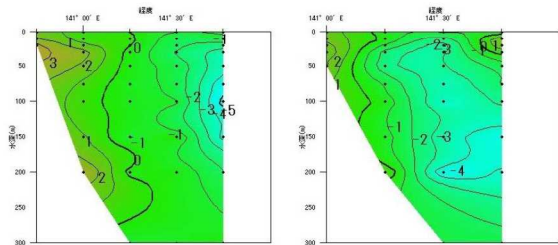
令和4年6月の海洋観測結果(鉛直水温前月差)

観測日 | 6/8~10  
調査船 | いばらき丸  
※図中の黒点は観測点です



会瀬定線

大洗定線

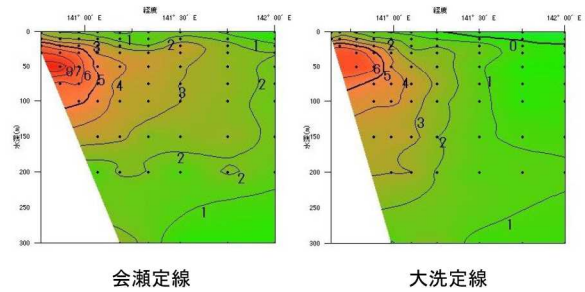


鹿島定線

犬吠埼定線

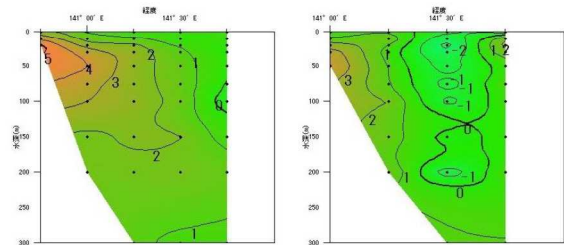
令和4年6月の海洋観測結果(鉛直水温年平均偏差)

観測日 | 6/8~10  
調査船 | いばらき丸  
※図中の黒点は観測点です  
※水温年平均値は過去30年間(1991年~2020年)の海洋観測データから算出しています



会瀬定線

大洗定線

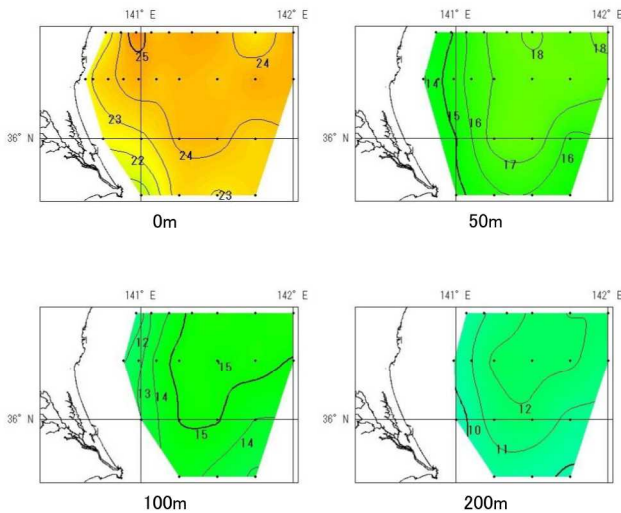


鹿島定線

犬吠埼定線

令和4年7月の海洋観測結果(水温)

観測日 | 7/4~5  
調査船 | いばらき丸  
※図中の黒点は観測点です



0m

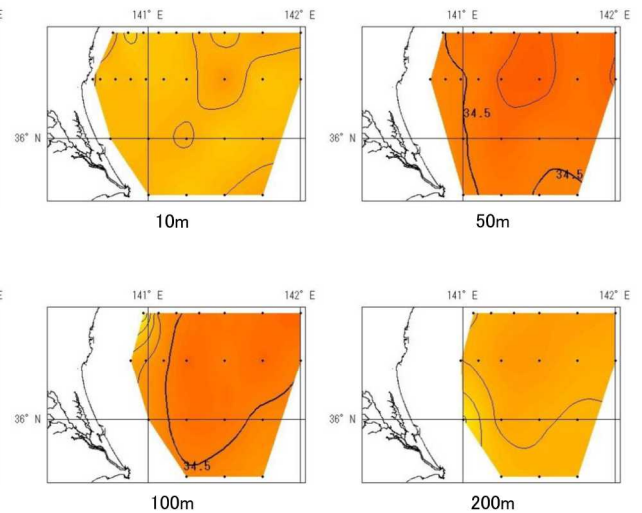
50m

100m

200m

令和4年7月の海洋観測結果(塩分)

観測日 | 7/4~5  
調査船 | いばらき丸  
※図中の黒点は観測点です



10m

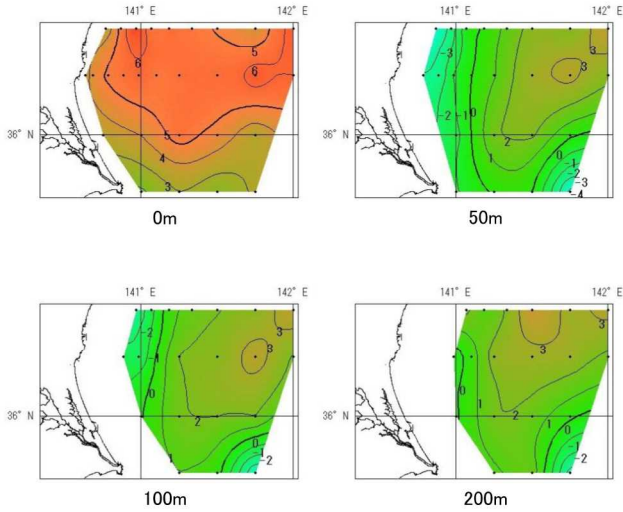
50m

100m

200m

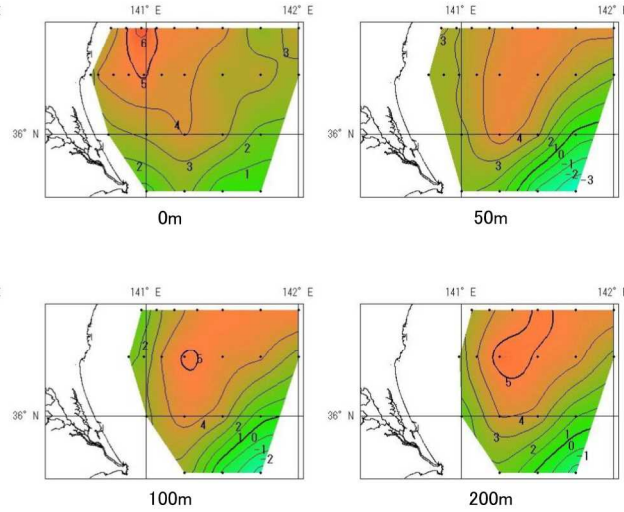
令和4年7月の海洋観測結果(水温前月差)

観測日 | 7/4~5  
調査船 | いばらき丸  
※図中の黒点は観測点です



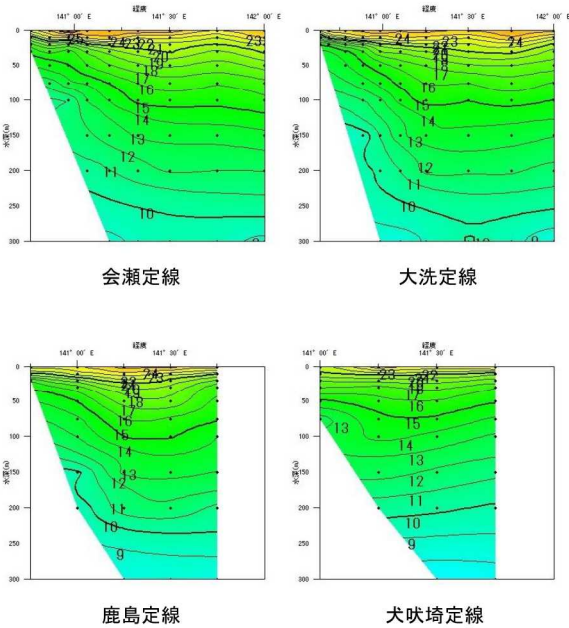
令和4年7月の海洋観測結果(水温平年偏差)

観測日 | 7/4~5  
調査船 | いばらき丸  
※図中の黒点は観測点です



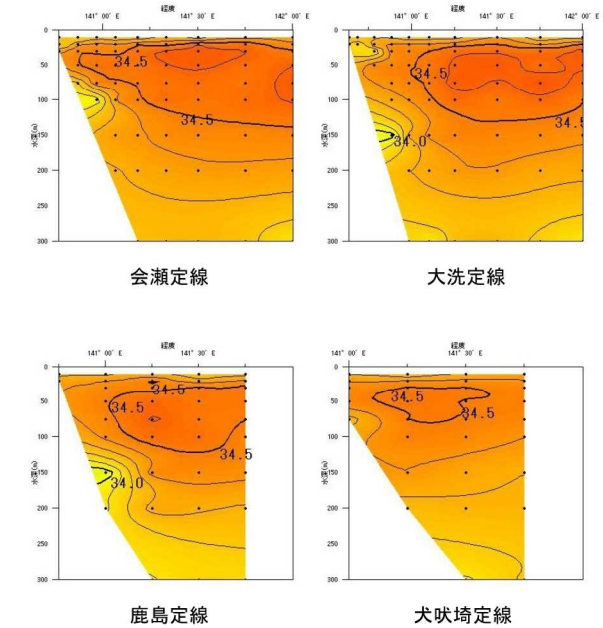
令和4年7月の海洋観測結果(鉛直水温)

観測日 | 7/4~5  
調査船 | いばらき丸  
※図中の黒点は観測点です



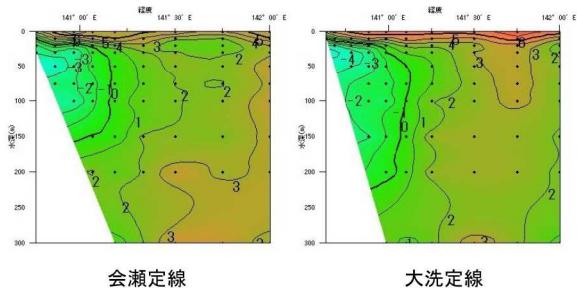
令和4年7月の海洋観測結果(鉛直塩分)

観測日 | 7/4~5  
調査船 | いばらき丸  
※図中の黒点は観測点です



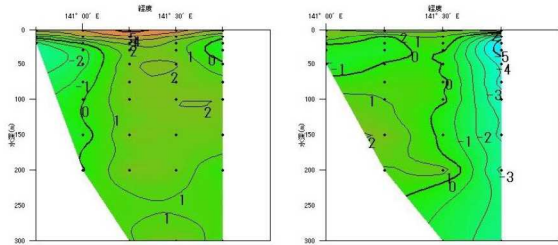
令和4年7月の海洋観測結果(鉛直水温前月差)

観測日 | 7/4~5  
調査船 | いばらき丸  
※図中の黒点は観測点です



会瀬定線

大洗定線

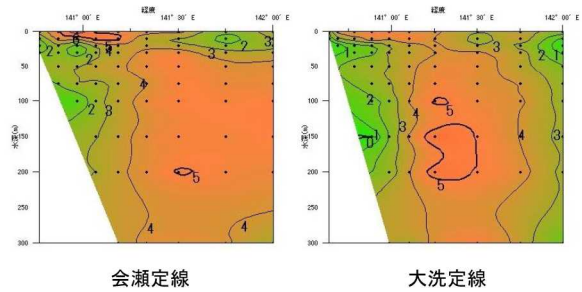


鹿島定線

犬吠埼定線

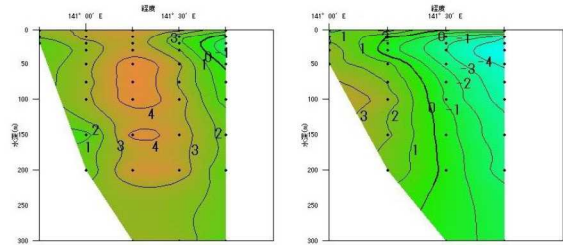
令和4年7月の海洋観測結果(鉛直水温年平均偏差)

観測日 | 7/4~5  
調査船 | いばらき丸  
※図中の黒点は観測点です  
※水温年平均値は過去30年間(1991年~2020年)の海洋観測データから算出しています



会瀬定線

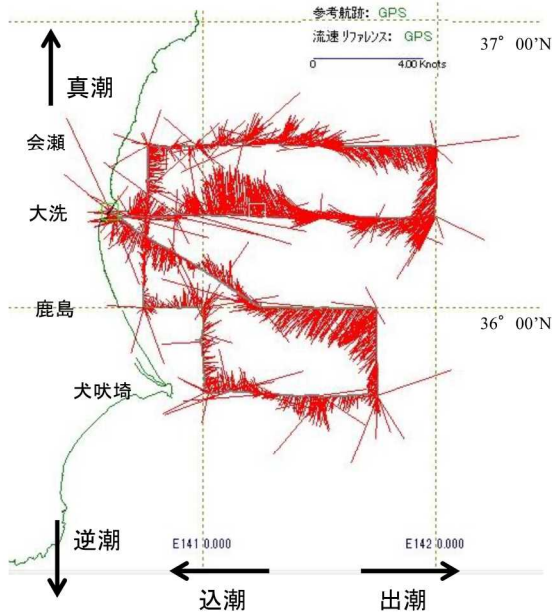
大洗定線



鹿島定線

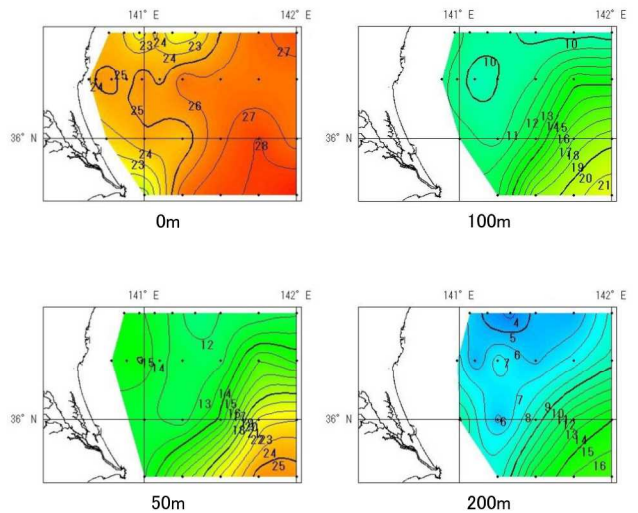
犬吠埼定線

令和4年7月観測  
表層の流向流速



令和4年8月の海洋観測結果(水温)

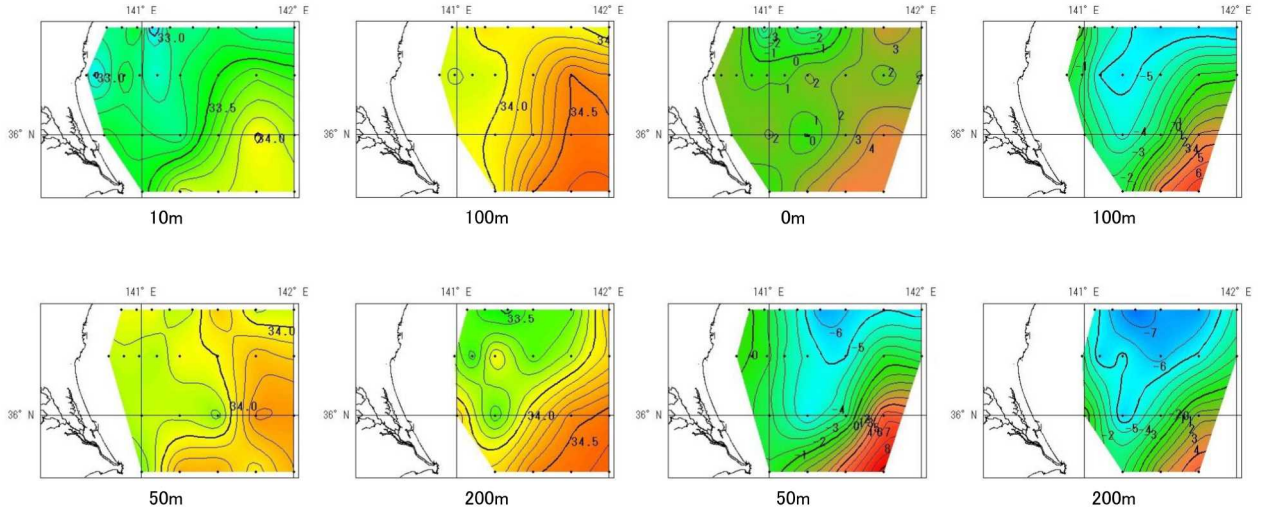
観測日 | 8/1~2  
調査船 | いばらき丸  
※図中の黒点は観測点です





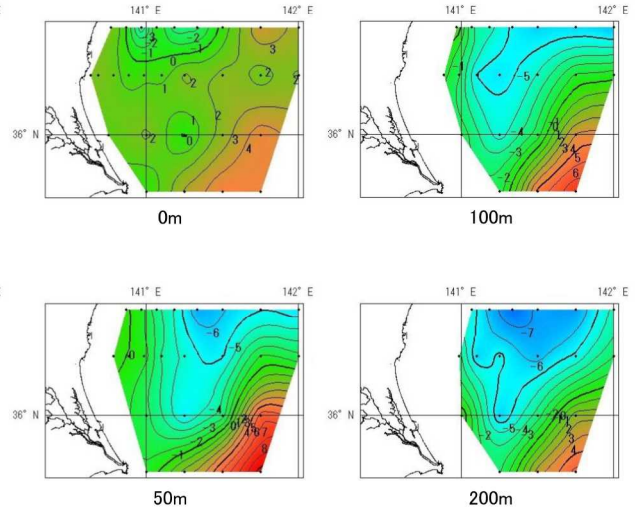
令和4年8月の海洋観測結果(塩分)

観測日 | 8/1~2  
調査船 | いばらき丸  
※図中の黒点は観測点です



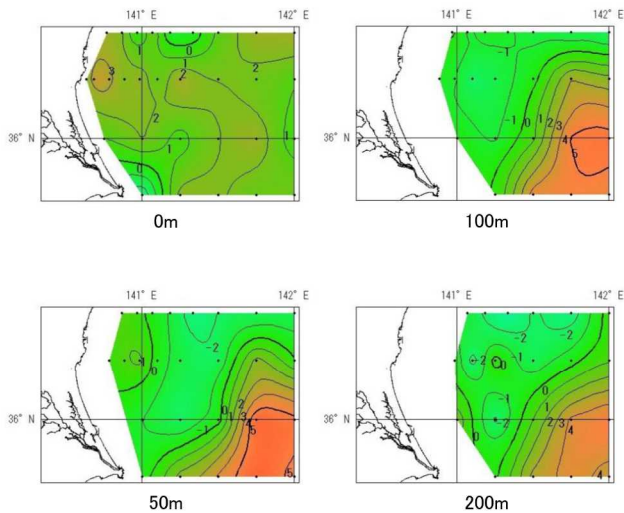
令和4年8月の海洋観測結果(水温前月差)

観測日 | 8/1~2  
調査船 | いばらき丸  
※図中の黒点は観測点です



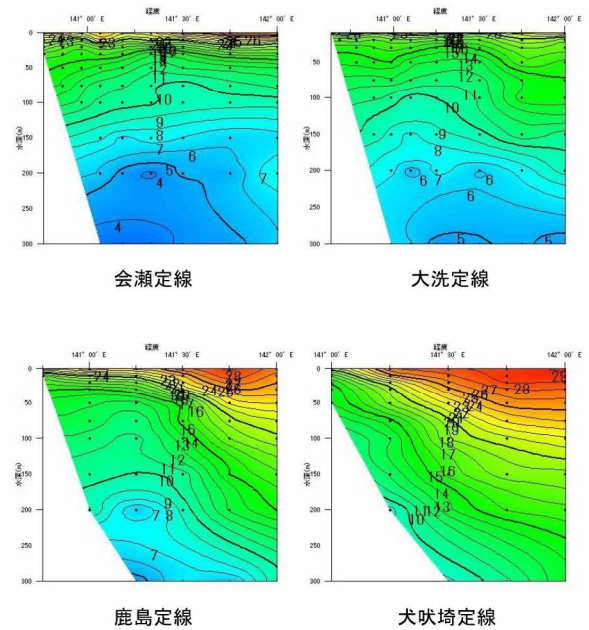
令和4年8月の海洋観測結果(水温平年偏差)

観測日 | 8/1~2  
調査船 | いばらき丸  
※図中の黒点は観測点です



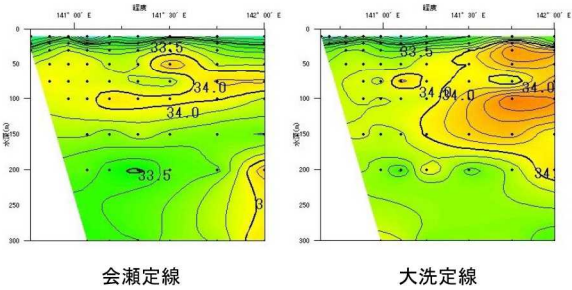
令和4年8月の海洋観測結果(鉛直水温)

観測日 | 8/1~2  
調査船 | いばらき丸  
※図中の黒点は観測点です



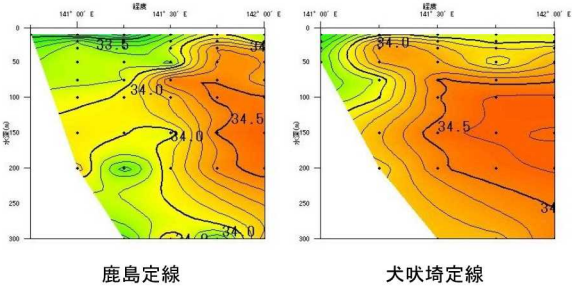
令和4年8月の海洋観測結果(鉛直塩分)

観測日 | 8/1~2  
調査船 | いばらき丸  
※図中の黒点は観測点です



会瀬定線

大洗定線

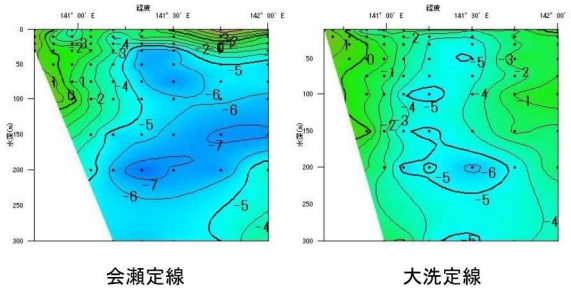


鹿島定線

犬吠埼定線

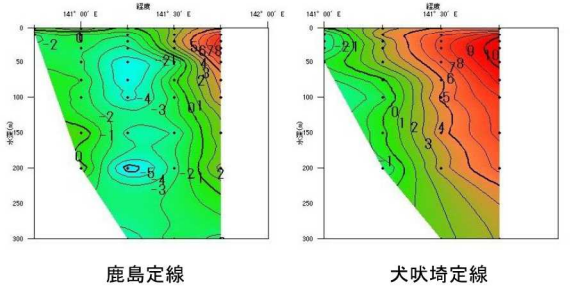
令和4年8月の海洋観測結果(鉛直水温前月差)

観測日 | 8/1~2  
調査船 | いばらき丸  
※図中の黒点は観測点です



会瀬定線

大洗定線

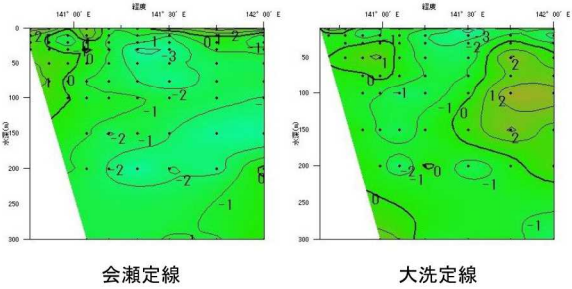


鹿島定線

犬吠埼定線

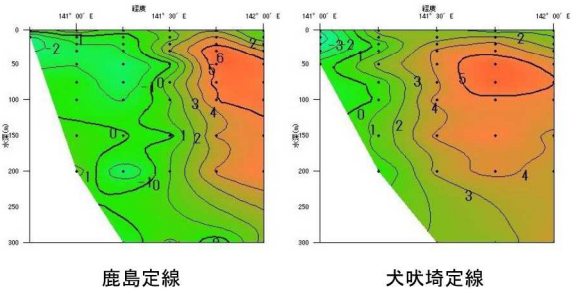
令和4年8月の海洋観測結果(鉛直水温平年偏差)

観測日 | 8/1~2  
調査船 | いばらき丸  
※図中の黒点は観測点です  
※水温平年値は過去30年間(1991年~2020年)の海洋観測データから算出しています



会瀬定線

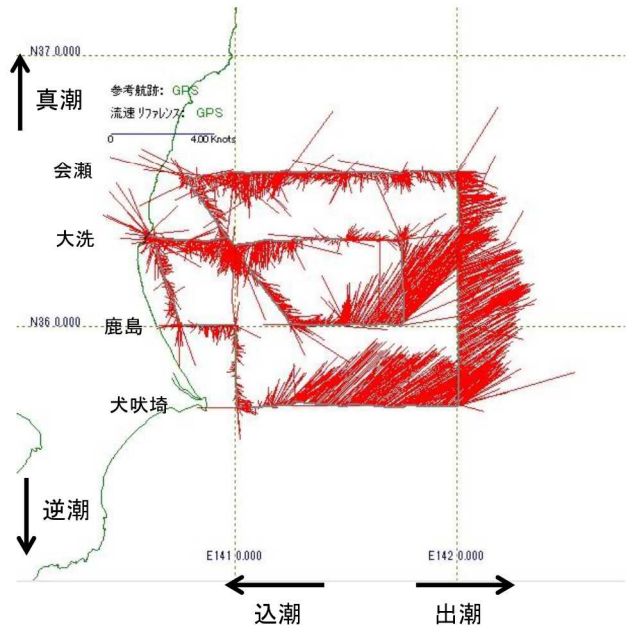
大洗定線



鹿島定線

犬吠埼定線

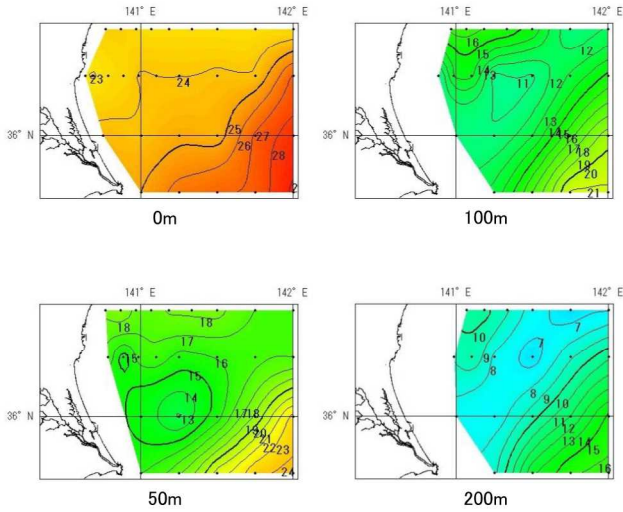
令和4年8月観測  
表層の流向流速





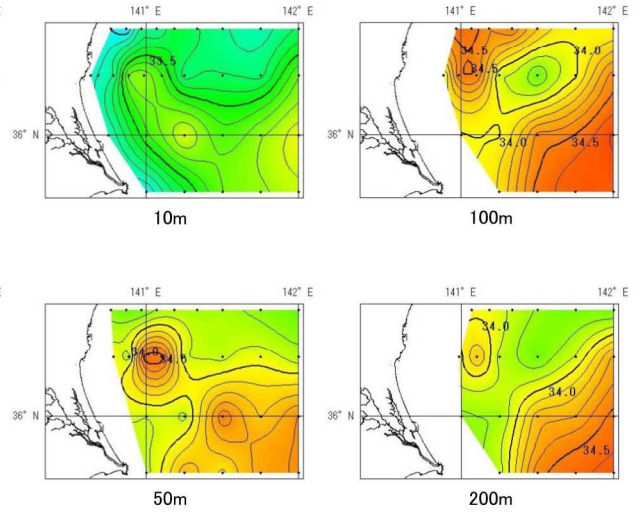
### 令和4年9月の海洋観測結果(水温)

観測日 | 9/5~8  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



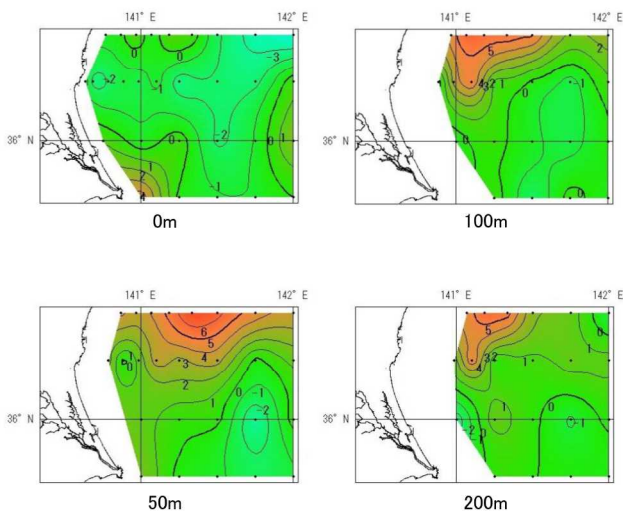
### 令和4年9月の海洋観測結果(塩分)

観測日 | 9/5~8  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



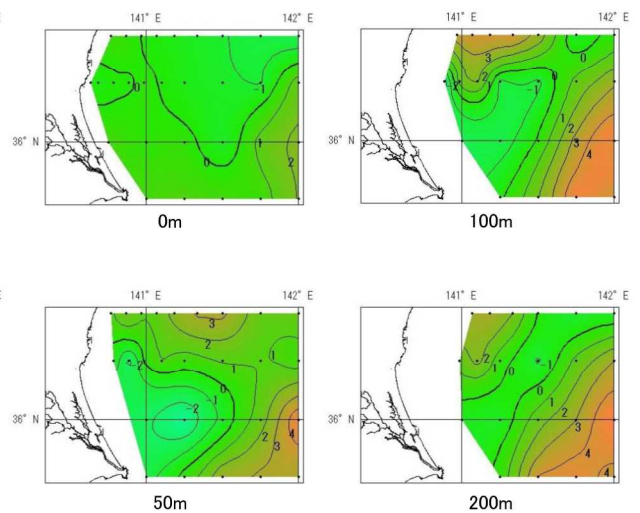
### 令和4年9月の海洋観測結果(水温前月差)

観測日 | 9/5~8  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



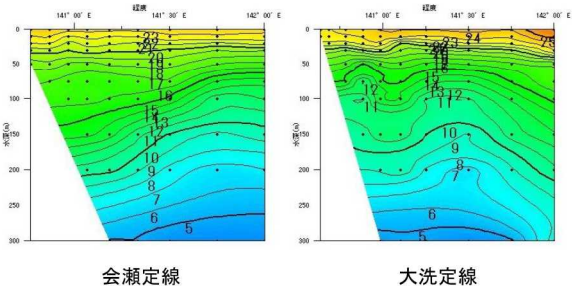
### 令和4年9月の海洋観測結果(水温年偏差)

観測日 | 9/5~8  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



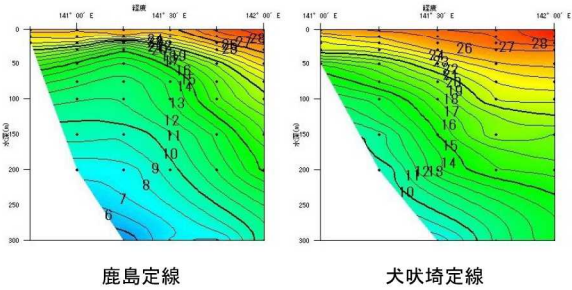
令和4年9月の海洋観測結果(鉛直水温)

観測日 | 9/5~8  
調査船 | いばらき丸  
※図中の黒点は観測点です



会瀬定線

大洗定線

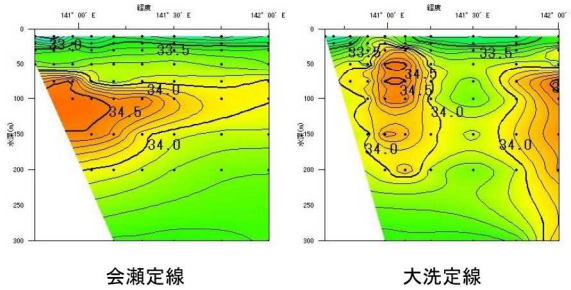


鹿島定線

犬吠埼定線

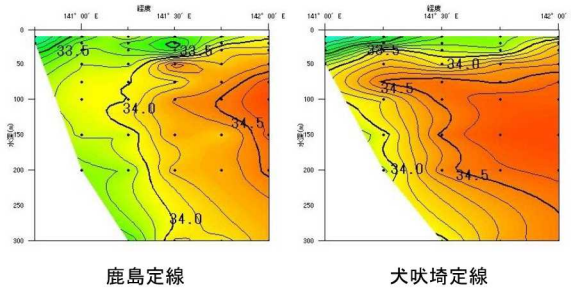
令和4年9月の海洋観測結果(鉛直塩分)

観測日 | 9/5~8  
調査船 | いばらき丸  
※図中の黒点は観測点です



会瀬定線

大洗定線

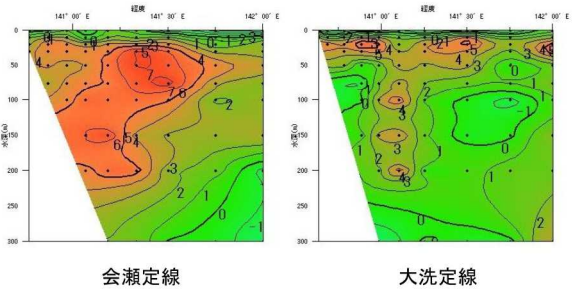


鹿島定線

犬吠埼定線

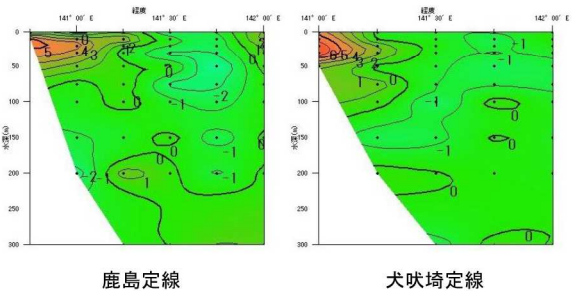
令和4年9月の海洋観測結果(鉛直水温前月差)

観測日 | 9/5~8  
調査船 | いばらき丸  
※図中の黒点は観測点です



会瀬定線

大洗定線

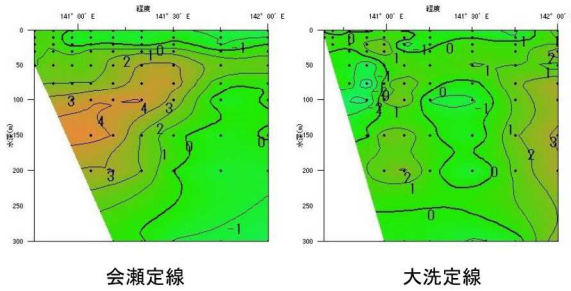


鹿島定線

犬吠埼定線

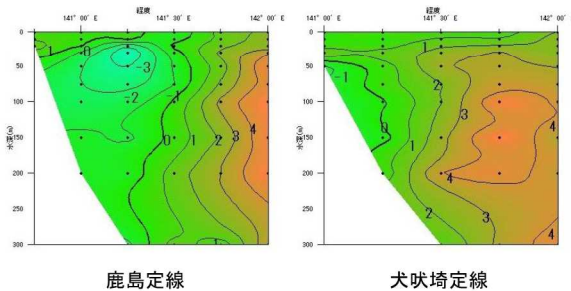
令和4年9月の海洋観測結果(鉛直水温年偏差)

観測日 | 9/5~8  
調査船 | いばらき丸  
※図中の黒点は観測点です  
※水温年偏差は過去30年間(1991年~2020年)の海洋観測データから算出しています



会瀬定線

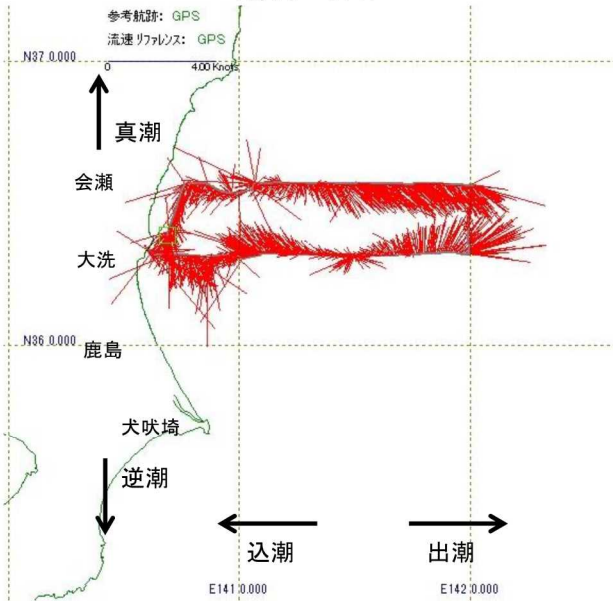
大洗定線



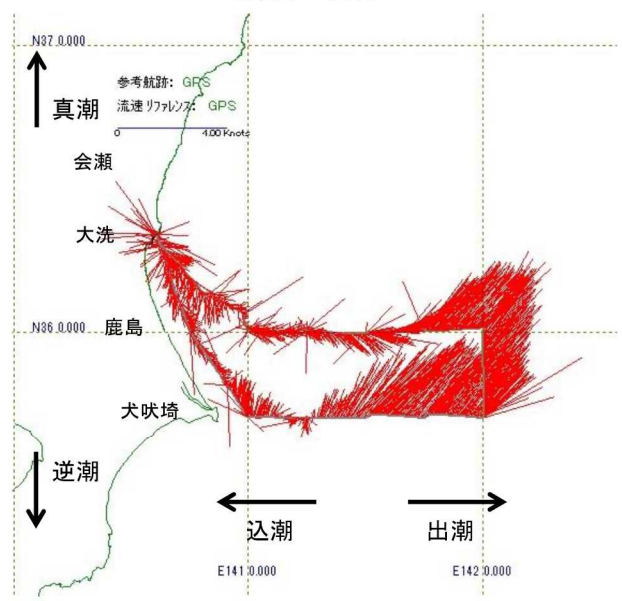
鹿島定線

犬吠埼定線

令和4年9月観測  
表層の流向流速  
(9月5~6日)

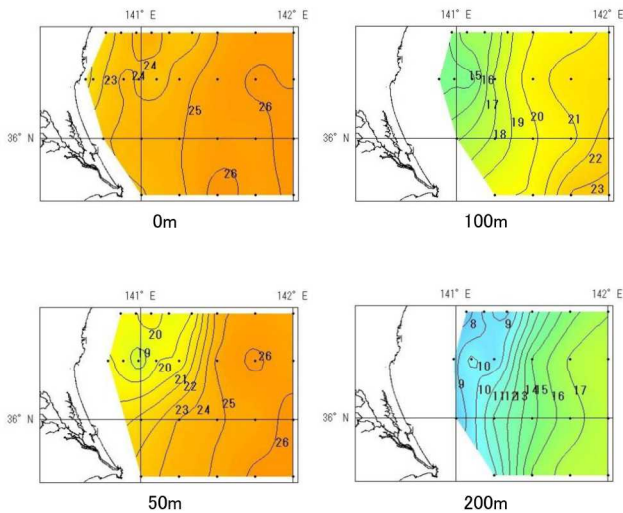


令和4年9月観測  
表層の流向流速  
(9月7~8日)



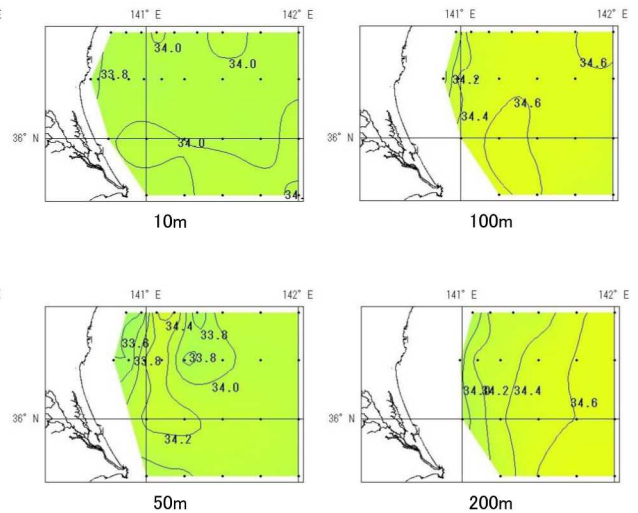
令和4年10月の海洋観測結果(水温)

観測日 | 10/15~17  
調査船 | いばらき丸  
※図中の黒点は観測点です



令和4年10月の海洋観測結果(塩分)

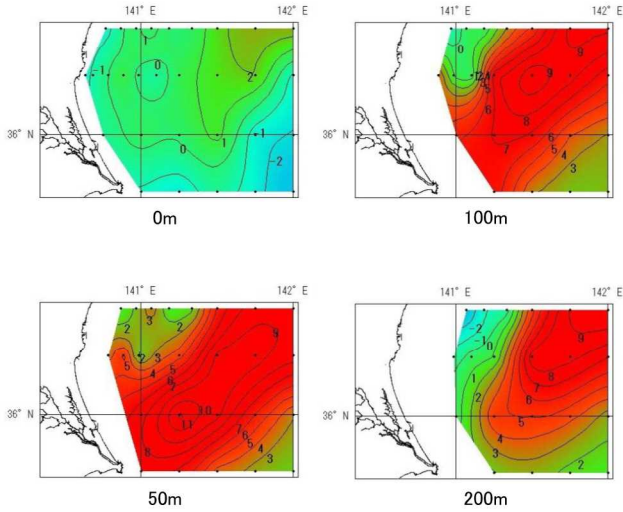
観測日 | 10/15~17  
調査船 | いばらき丸  
※図中の黒点は観測点です





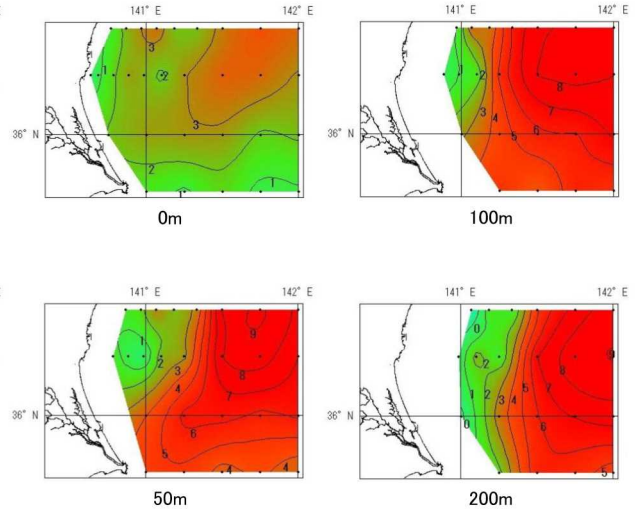
令和4年10月の海洋観測結果(水温前月差)

観測日 | 10/15~17  
調査船 | いばらき丸  
※図中の黒点は観測点です



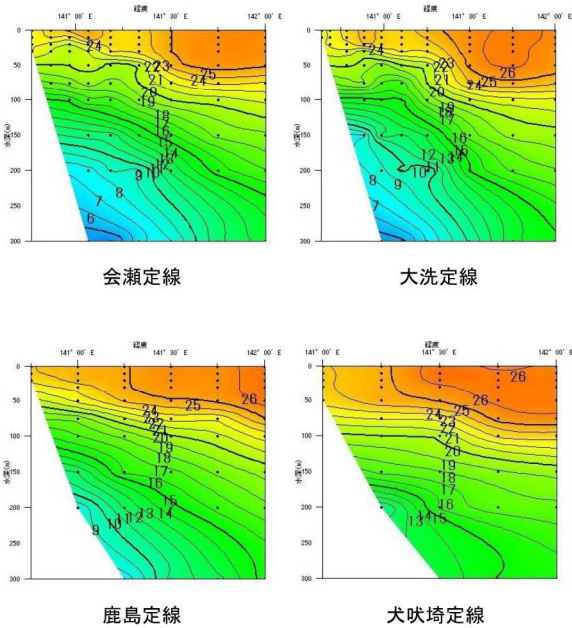
令和4年10月の海洋観測結果(水温平年偏差)

観測日 | 10/15~17  
調査船 | いばらき丸  
※図中の黒点は観測点です



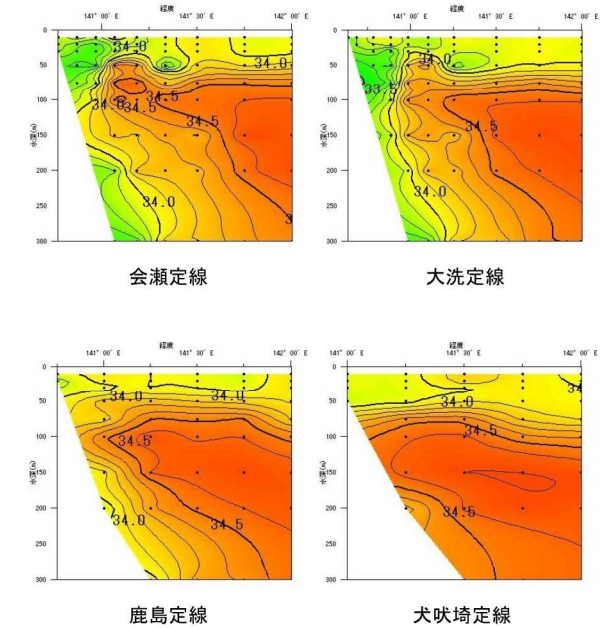
令和4年10月の海洋観測結果(鉛直水温)

観測日 | 10/15~17  
調査船 | いばらき丸  
※図中の黒点は観測点です



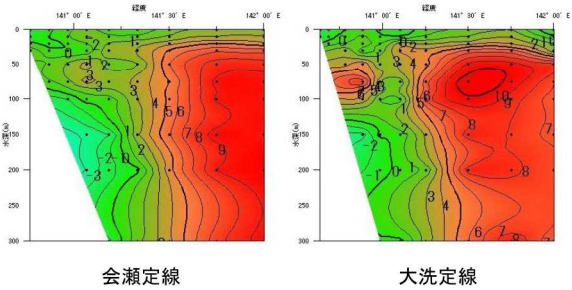
令和4年10月の海洋観測結果(鉛直塩分)

観測日 | 10/15~17  
調査船 | いばらき丸  
※図中の黒点は観測点です



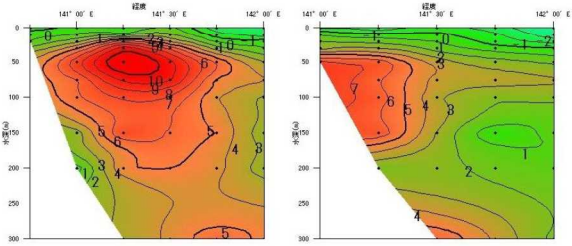
令和4年10月の海洋観測結果(鉛直水温前月差)

観測日 | 10/15~17  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



会瀬定線

大洗定線

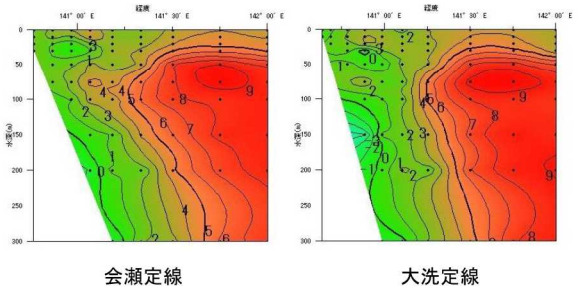


鹿島定線

犬吠埼定線

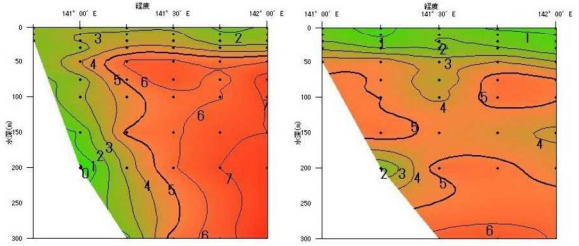
令和4年10月の海洋観測結果(鉛直水温平年偏差)

観測日 | 10/15~17  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です  
 ※水温平年値は過去30年間(1991年~2020年)の海洋観測データから算出しています



会瀬定線

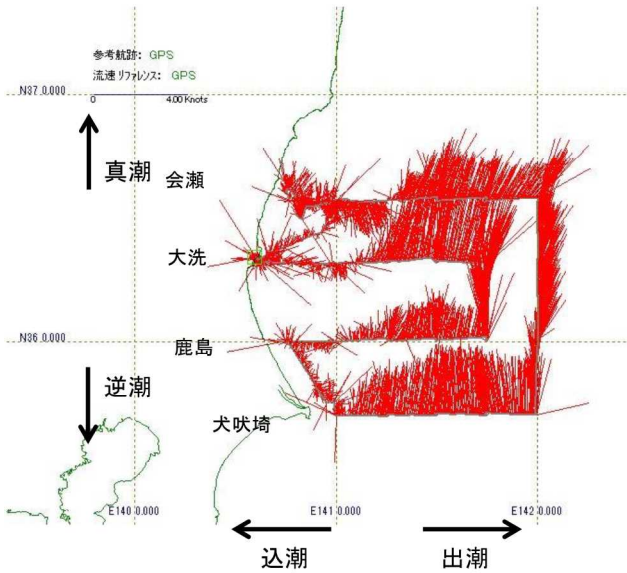
大洗定線



鹿島定線

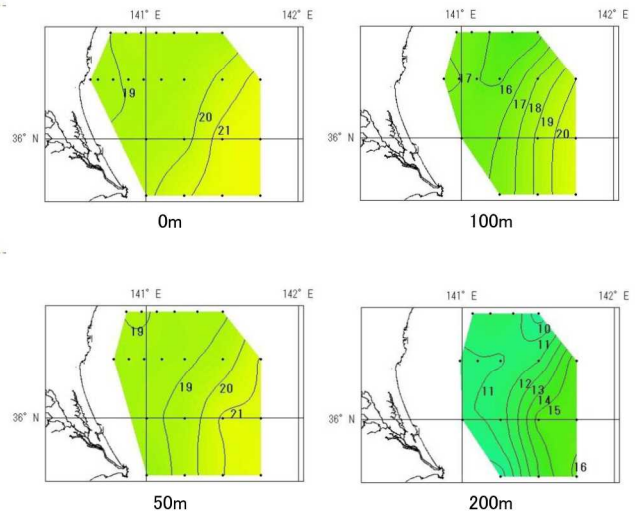
犬吠埼定線

令和4年10月観測  
 表層の流向流速



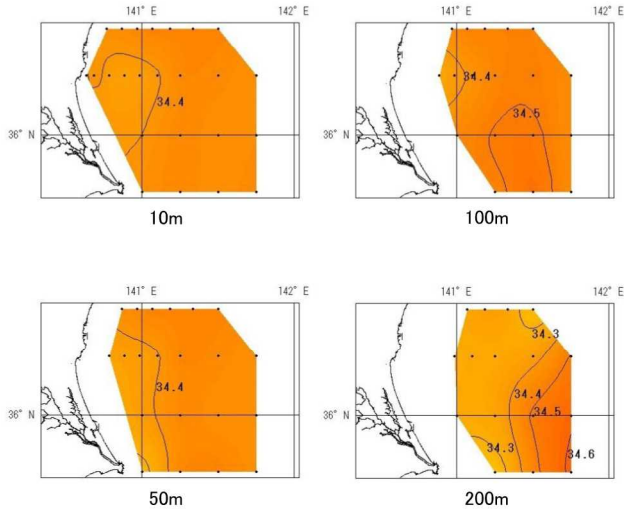
令和4年12月の海洋観測結果(水温)

観測日 | 12/14~16  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



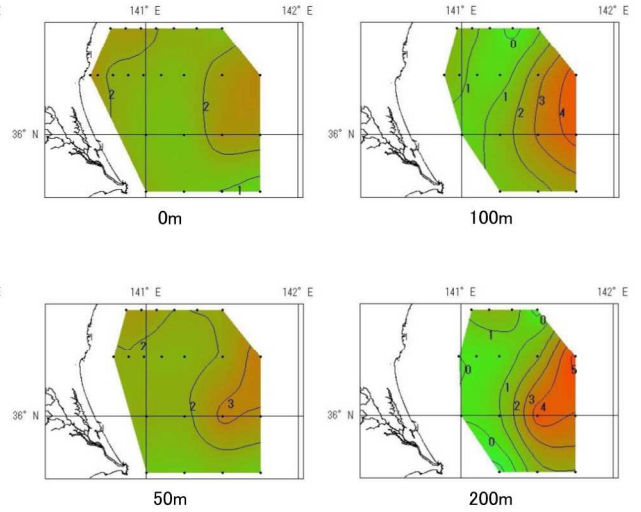
令和4年12月の海洋観測結果(塩分)

観測日 | 12/14~16  
調査船 | いばらき丸  
※図中の黒点は観測点です



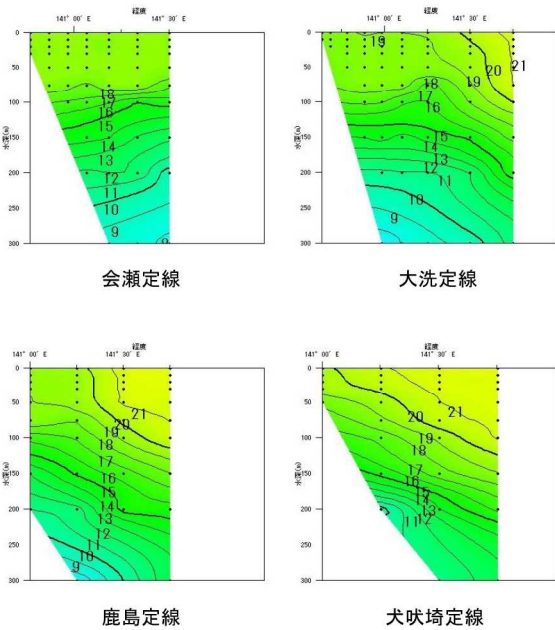
令和4年12月の海洋観測結果(水温平年偏差)

観測日 | 12/14~16  
調査船 | いばらき丸  
※図中の黒点は観測点です



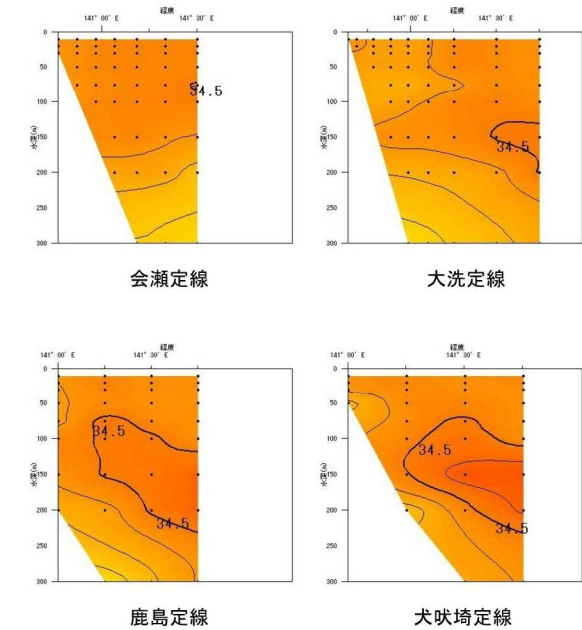
令和4年12月の海洋観測結果(鉛直水温)

観測日 | 12/14~16  
調査船 | いばらき丸  
※図中の黒点は観測点です



令和4年12月の海洋観測結果(鉛直塩分)

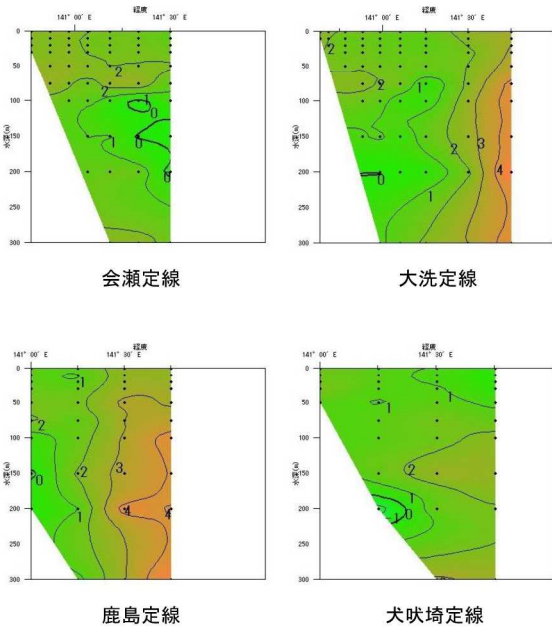
観測日 | 12/14~16  
調査船 | いばらき丸  
※図中の黒点は観測点です



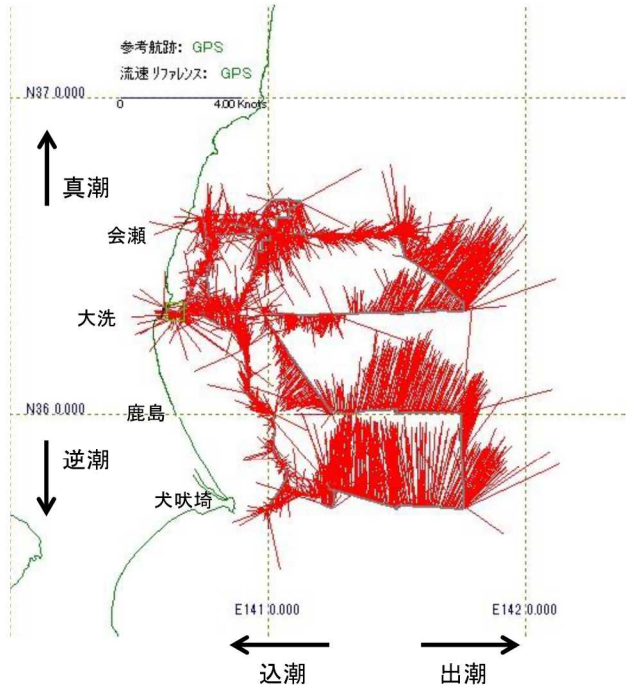


令和4年12月の海洋観測結果(鉛直水温年偏差)

観測日 | 12/14~16  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です  
 ※水温年偏差は過去30年間(1991年~2020年)の海洋観測データから算出しています

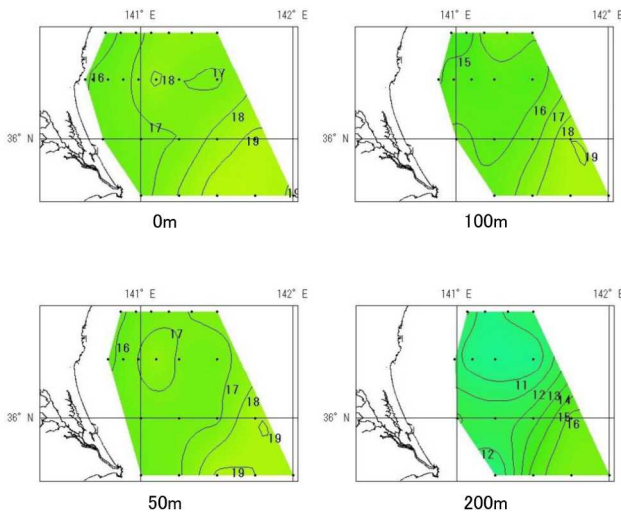


令和4年12月観測  
 表層の流向流速



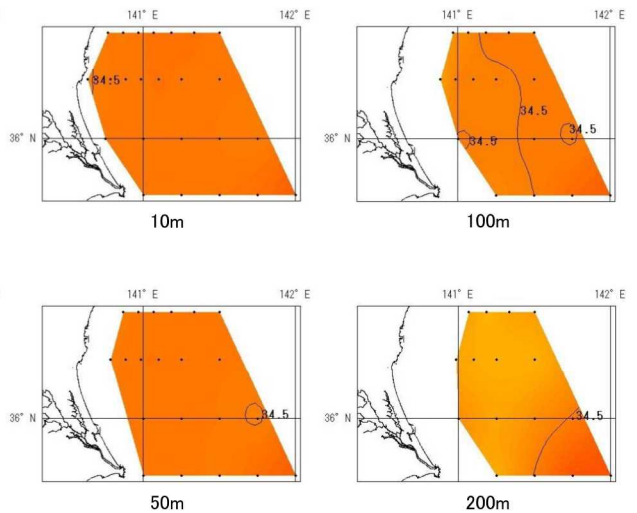
令和5年1月の海洋観測結果(水温)

観測日 | 1/5~6  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



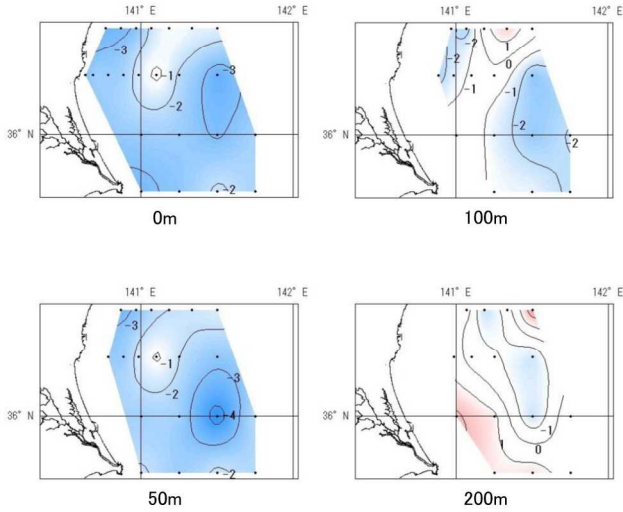
令和5年1月の海洋観測結果(塩分)

観測日 | 1/5~6  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です



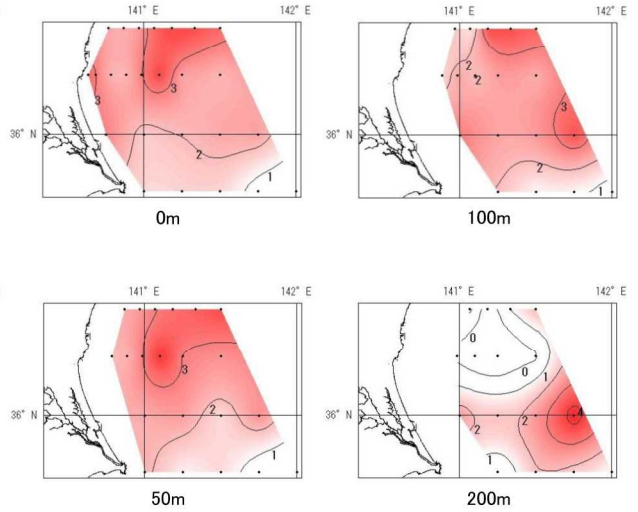
令和5年1月の海洋観測結果(水温前月差)

観測日 | 1/5~6  
調査船 | いばらき丸  
※図中の黒点は観測点です



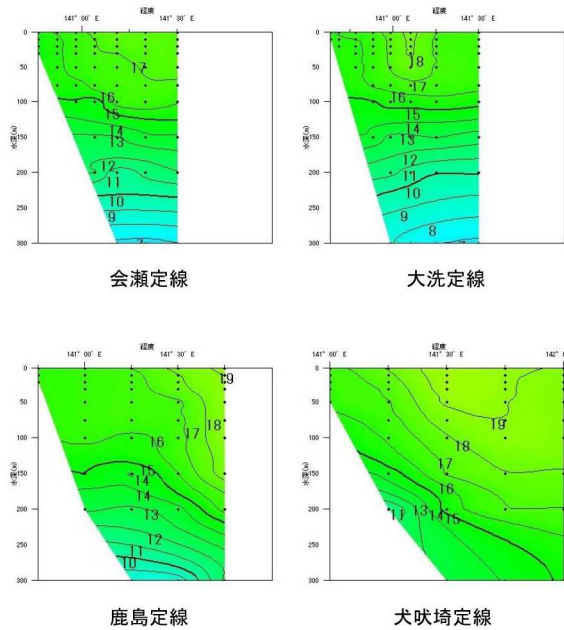
令和5年1月の海洋観測結果(水温平年偏差)

観測日 | 1/5~6  
調査船 | いばらき丸  
※図中の黒点は観測点です



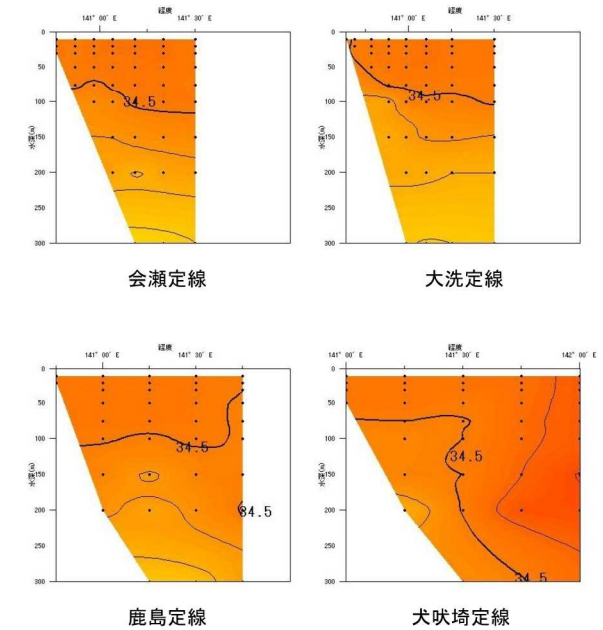
令和5年1月の海洋観測結果(鉛直水温)

観測日 | 1/5~6  
調査船 | いばらき丸  
※図中の黒点は観測点です



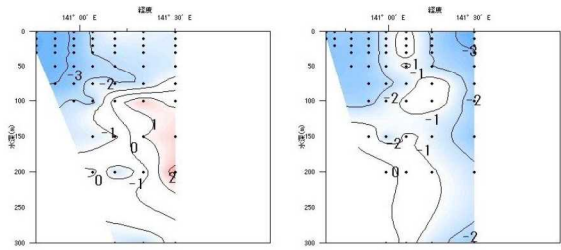
令和5年1月の海洋観測結果(鉛直塩分)

観測日 | 1/5~6  
調査船 | いばらき丸  
※図中の黒点は観測点です



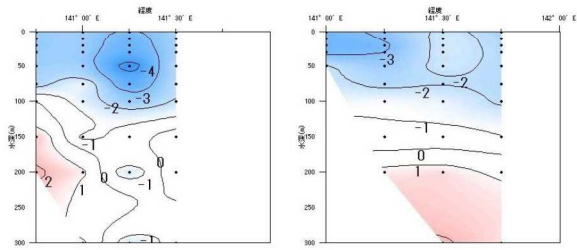
令和5年1月の海洋観測結果(鉛直水温前月差)

観測日 | 1/5~6  
調査船 | いばらき丸  
※図中の黒点は観測点です



会瀬定線

大洗定線

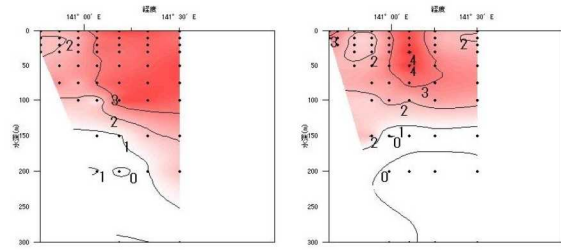


鹿島定線

犬吠埼定線

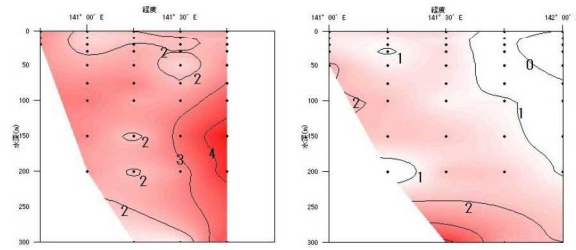
令和5年1月の海洋観測結果(鉛直水温年平均偏差)

観測日 | 1/5~6  
調査船 | いばらき丸  
※図中の黒点は観測点です  
※水温年平均値は過去30年間(1991年~2020年)の海洋観測データから算出しています



会瀬定線

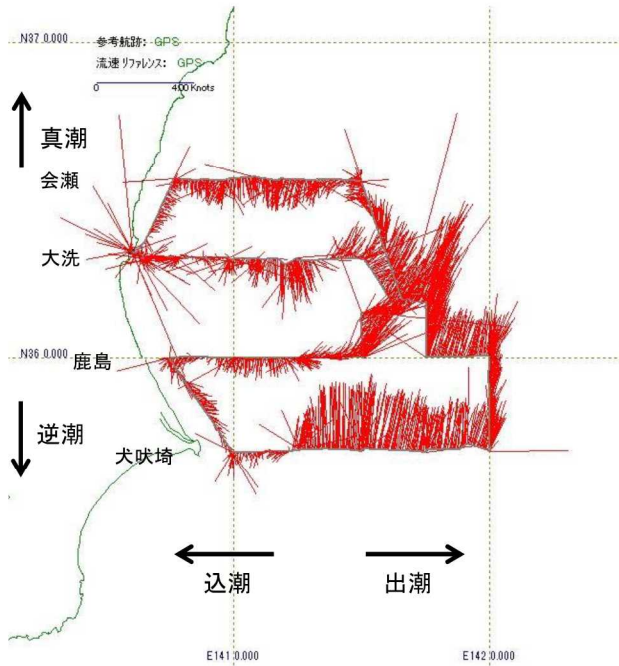
大洗定線



鹿島定線

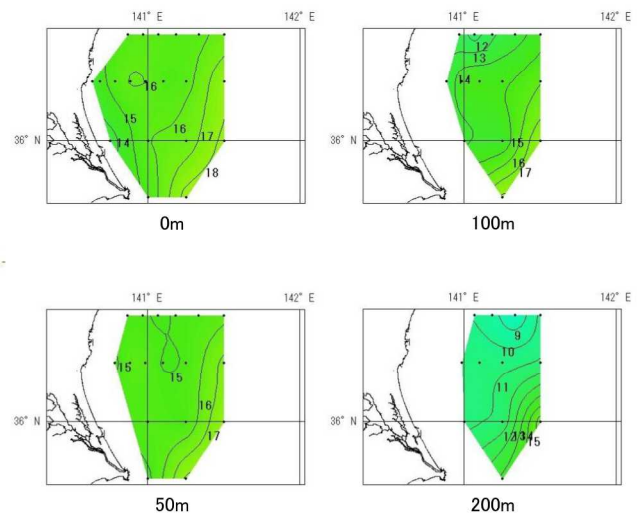
犬吠埼定線

令和5年1月観測  
表層の流向流速



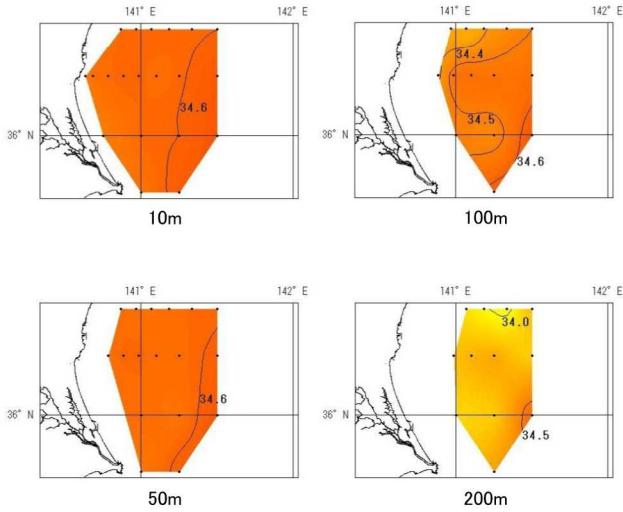
令和5年2月の海洋観測結果(水温)

観測日 | 2/17~18  
調査船 | いばらき丸  
※図中の黒点は観測点です。



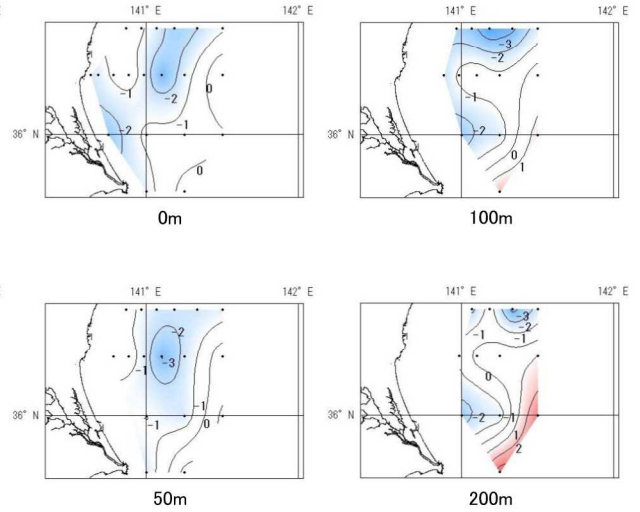
### 令和5年2月の海洋観測結果(塩分)

観測日 | 2/17~18  
調査船 | いばらき丸  
※図中の黒点は観測点です。



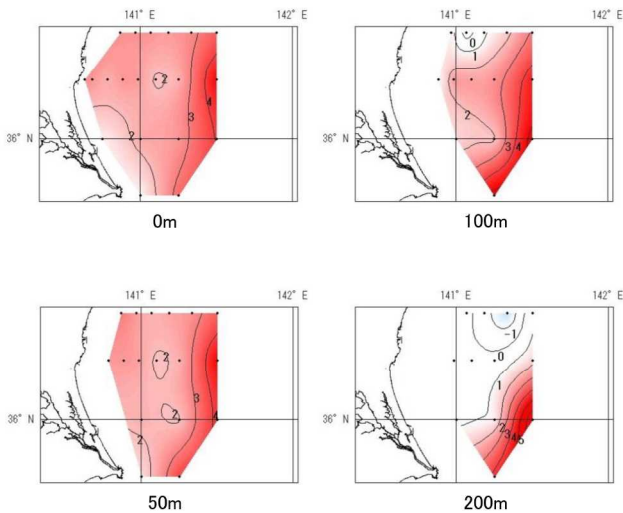
### 令和5年2月の海洋観測結果(水温前月差)

観測日 | 2/17~18  
調査船 | いばらき丸  
※図中の黒点は観測点です。



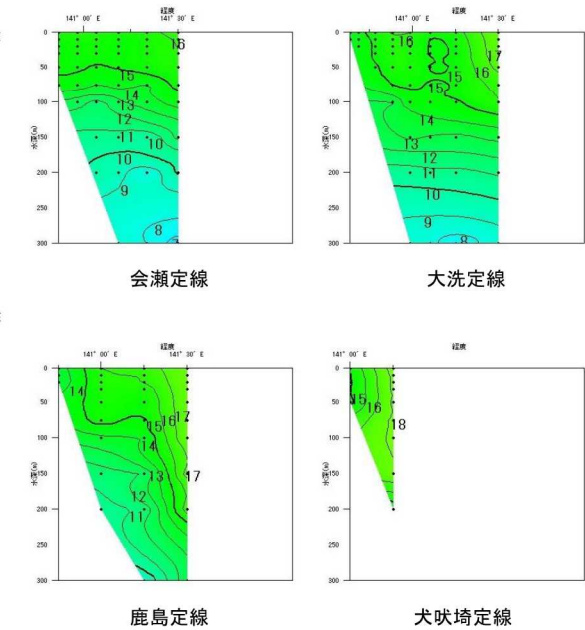
### 令和5年2月の海洋観測結果(水温年偏差)

観測日 | 2/17~18  
調査船 | いばらき丸  
※図中の黒点は観測点です。  
※水温年偏差は過去30年間(1991年~2020年)の海洋観測データから算出しています。



### 令和5年2月の海洋観測結果(鉛直水温)

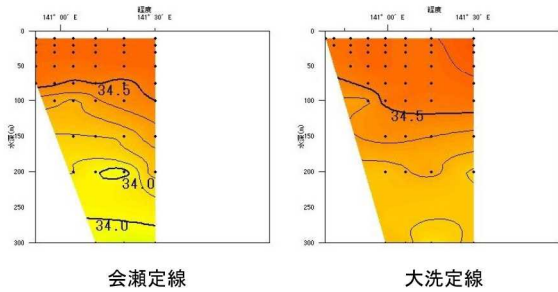
観測日 | 2/17~18  
調査船 | いばらき丸  
※図中の黒点は観測点です。





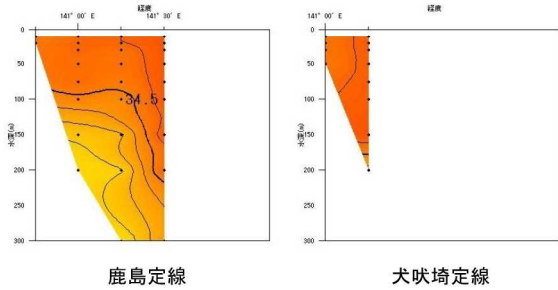
令和5年2月の海洋観測結果(鉛直塩分)

観測日 | 2/17~18  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です。



会瀬定線

大洗定線

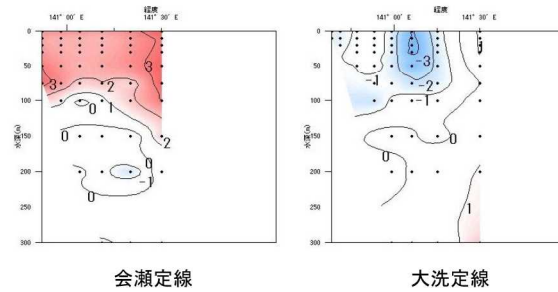


鹿島定線

犬吠埼定線

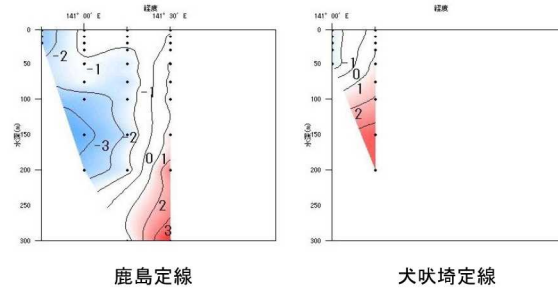
令和5年2月の海洋観測結果(鉛直水温前月差)

観測日 | 2/17~18  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です。



会瀬定線

大洗定線

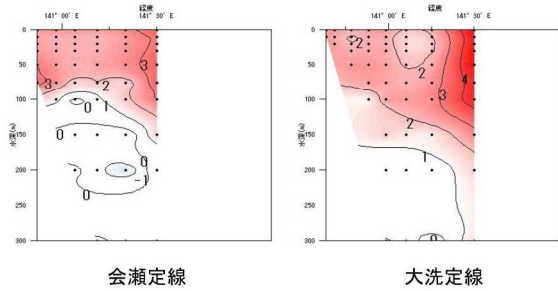


鹿島定線

犬吠埼定線

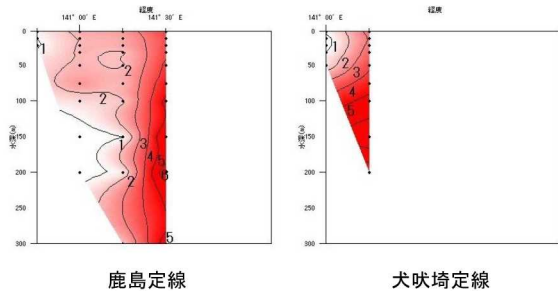
令和5年2月の海洋観測結果(鉛直水温平年偏差)

観測日 | 2/17~18  
 調査船 | いばらき丸  
 ※図中の黒点は観測点です。  
 ※水温平年値は過去30年間(1991年~2020年)の海洋観測データから算出しています。



会瀬定線

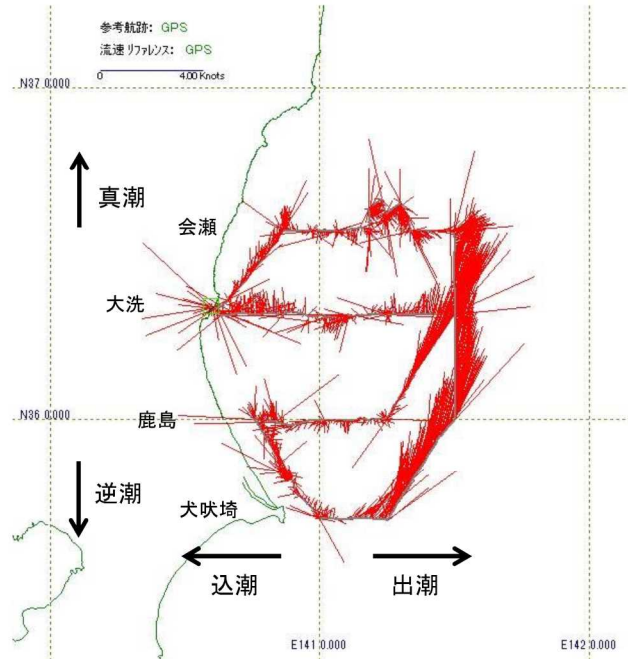
大洗定線



鹿島定線

犬吠埼定線

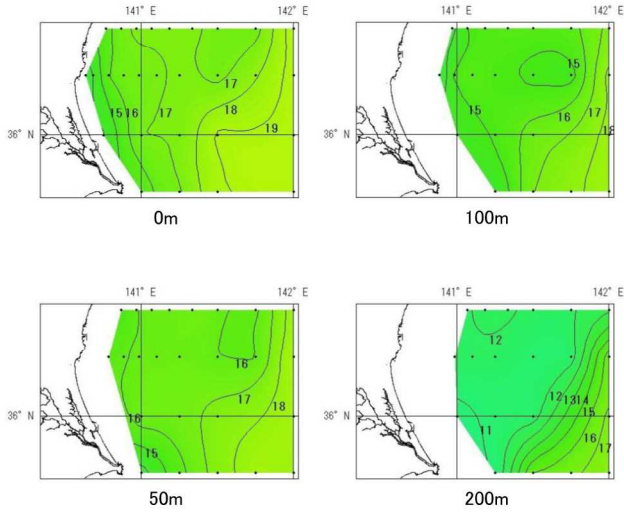
令和5年2月観測  
 表層の流向流速





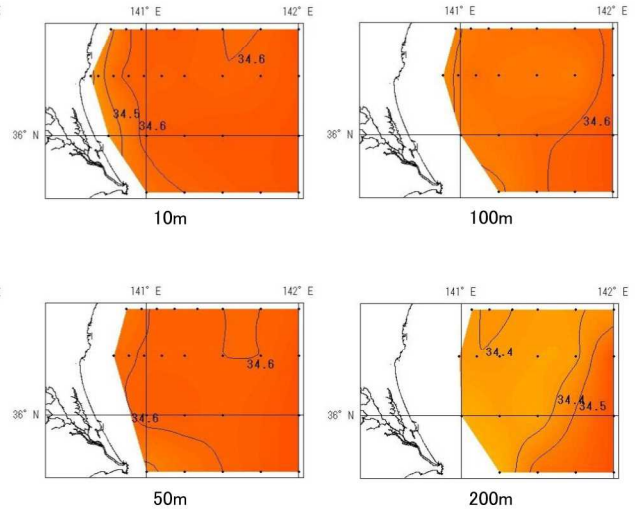
### 令和5年3月の海洋観測結果(水温)

観測日 | 3/15~16  
調査船 | いばらき丸  
※図中の黒点は観測点です。



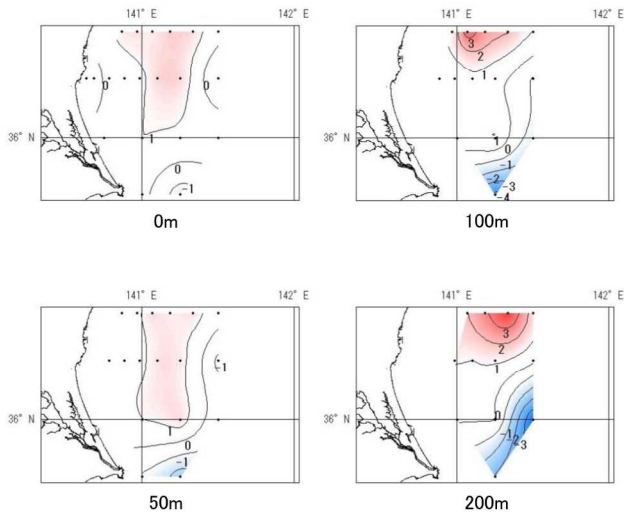
### 令和5年3月の海洋観測結果(塩分)

観測日 | 3/15~16  
調査船 | いばらき丸  
※図中の黒点は観測点です。



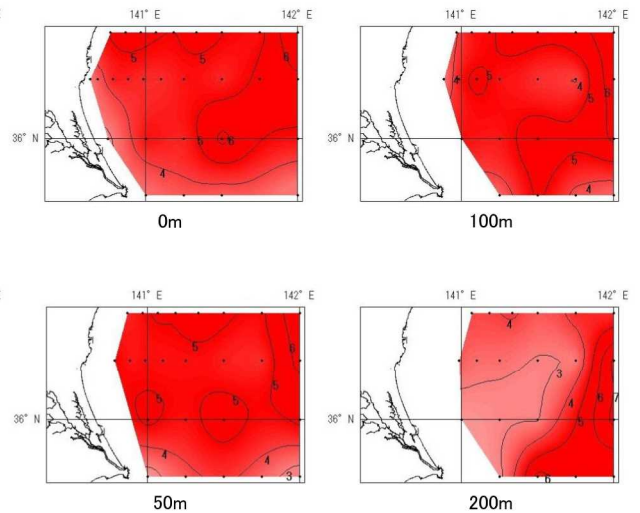
### 令和5年3月の海洋観測結果(水温前月差)

観測日 | 3/15~16  
調査船 | いばらき丸  
※図中の黒点は観測点です。



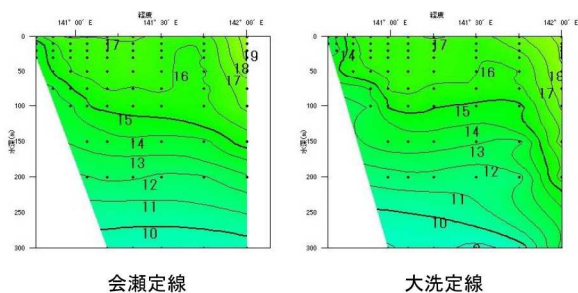
### 令和5年3月の海洋観測結果(水温平年偏差)

観測日 | 3/15~16  
調査船 | いばらき丸  
※図中の黒点は観測点です。  
※水温平年値は過去30年間(1991年~2020年)の海洋観測データから算出しています。



### 令和5年3月の海洋観測結果(鉛直水温)

観測日 | 3/15~16  
調査船 | いばらき丸  
※図中の黒点は観測点です。

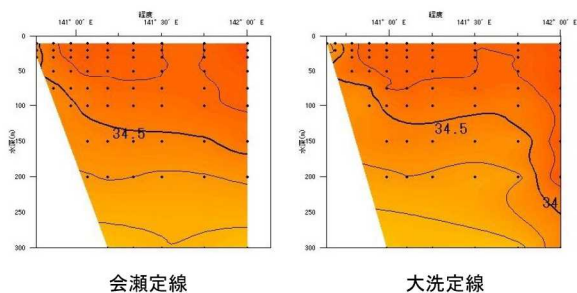


会瀬定線

大洗定線

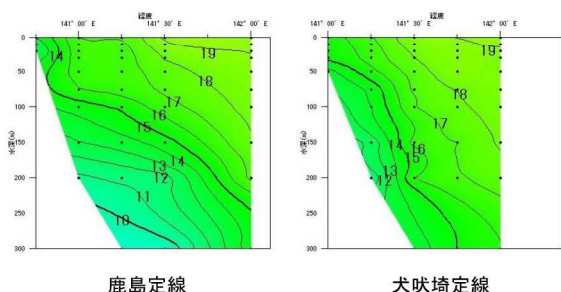
### 令和5年3月の海洋観測結果(鉛直塩分)

観測日 | 3/15~16  
調査船 | いばらき丸  
※図中の黒点は観測点です。



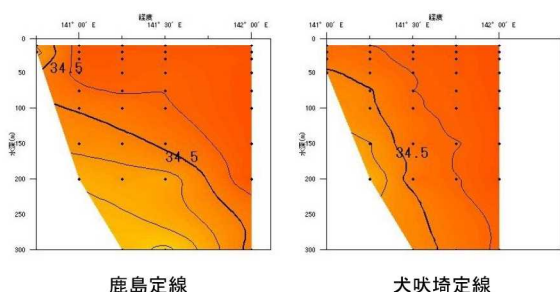
会瀬定線

大洗定線



鹿島定線

犬吠埼定線

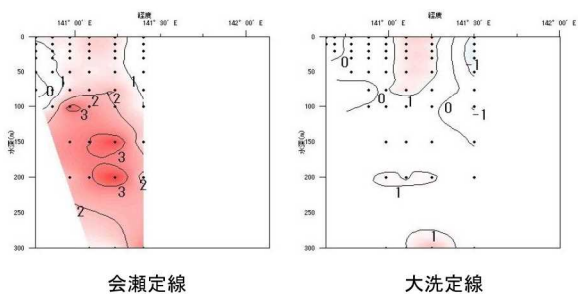


鹿島定線

犬吠埼定線

### 令和5年3月の海洋観測結果(鉛直水温前月差)

観測日 | 3/15~16  
調査船 | いばらき丸  
※図中の黒点は観測点です。

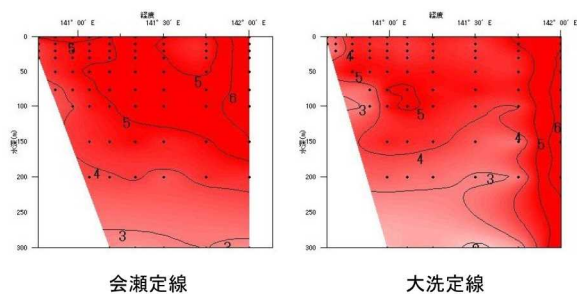


会瀬定線

大洗定線

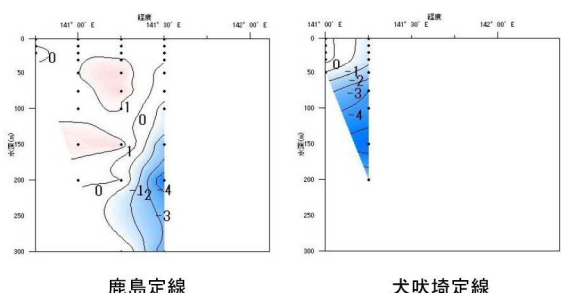
### 令和5年3月の海洋観測結果(鉛直水温平年偏差)

観測日 | 3/15~16  
調査船 | いばらき丸  
※図中の黒点は観測点です。  
※水温平年値は過去30年間(1991年~2020年)の海洋観測データから算出しています。



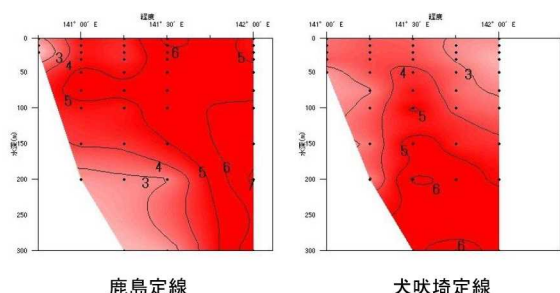
会瀬定線

大洗定線



鹿島定線

犬吠埼定線



鹿島定線

犬吠埼定線

令和5年3月観測  
表層の流向流速

