観測野帳（２０２４年１２月）

| 観測点 | St. No | K1 | K2 | K3 | K4 | K5 | K6 | K7 | K8 | K9 | K10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Lat. N | 33°50.21' | 33°50.19' | 33°50.18' | 33°55.12' | 33°55.20' | 33°55.26' | 33°55.22' | 34°00.18' | 34°00.25' | 34°00.29' |
| | Lat. E | 134°50.18' | 134°56.18' | 135°02.22' | 135°02.18' | 134°56.23' | 134°50.23' | 134°44.31' | 134°41.47' | 134°43.93' | 134°49.67' |
| | 観測月日 | 12/9 | 12/9 | 12/9 | 12/9 | 12/9 | 12/9 | 12/9 | 12/5 | 12/5 | 12/5 |
| | 開始時間 | 10:50 | 11:41 | 12:45 | 13:23 | 13:57 | 14:33 | 15:09 | 11:33 | 12:02 | 12:48 |
| | 終了時間 | 11:13 | 12:19 | 12:52 | 13:29 | 14:05 | 14:40 | 15:16 | 11:39 | 12:19 | 12:57 |
| 海 | 海深 m | 71.6 | 72.0 | 60.3 | 46.8 | 73.2 | 62.9 | 39.7 | 35.0 | 42.5 | 57.9 |
| 海 | 航走水温 | 18.7 | 19.5 | 19 | 19.2 | 19.2 | 18.4 | 17.4 | 18.2 | 18.4 | 19.1 |
| 海 | 水色 1 | 5 | 5 | 7 | 6 | 5 | 5 | 7 | 8 | 9 | 7 |
| 海 | 水色 2 | | | | | | | | | | |
| 海 | 透明度 m | 17.0 | 20.0 | 11.0 | 12.5 | 17.0 | 15.5 | 10.0 | 6.0 | 5.5 | 7.0 |
| 海 | 波浪 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 3 | 4 |
| 象 | うねり | −・0 | −・0 | −・0 | −・0 | −・0 | −・0 | −・0 | −・0 | −・0 | −・0 |
| 気 | 風向(d) | NNW | NNW | NNW | N | NNW | NNW | N | NW | NW | NNW |
| 気 | 風速 | 6.9 | 8.0 | 9.0 | 10.1 | 10.9 | 10.5 | 9.9 | 5.5 | 6.9 | 6.9 |
| 気 | 気温(℃) | 10.7 | 12.2 | 12.0 | 11.4 | 11.4 | 11.0 | 10.9 | 12.3 | 12.7 | 12.7 |
| 気 | 雲形 1 | Sc | Sc | Sc | Sc | Sc | Sc | Sc | Cs | Cs | Sc |
| 気 | 雲形 2 | St | St | St | St | St | St | St | Sc | Sc | Cc |
| 気 | 雲量 | 4 | 4 | 7 | 7 | 6 | 4 | 3 | 8 | 8 | 9 |
| 象 | 天気 | bc | bc | bc | bc | bc | bc | bc | c | c | c |
| 象 | 気圧(hPa) | 1021.7 | 1021.0 | 1019.9 | 1019.9 | 1019.5 | 1019.4 | 1019.5 | 1014.2 | 1013.7 | 1013.1 |
| 象 | 湿度 | 57.7 | 59.1 | 60.3 | 60.1 | 60.5 | 61.7 | 58.1 | 53.2 | 55.6 | 54.4 |
| 水 | 0m | 18.933 | 19.575 | 19.006 | 19.305 | 19.218 | 18.510 | 17.419 | 17.225 | 18.418 | 19.276 |
| 水 | 5m | 18.951 | 19.571 | 19.039 | 19.323 | 19.215 | 18.512 | 17.458 | 17.332 | 18.433 | 19.282 |
| 水 | 10m | 19.069 | 19.573 | 19.060 | 19.317 | 19.222 | 18.510 | 17.557 | 17.612 | 18.432 | 19.265 |
| 温 | 20m | 19.124 | 19.705 | 19.314 | 19.321 | 19.253 | 18.500 | 17.612 | 17.989 | 18.441 | 19.375 |
| 温 | 30m | 19.064 | 19.838 | 19.362 | 19.344 | 19.260 | 18.528 | 17.637 | | 18.461 | 19.470 |
| 温 | 40m | 18.940 | 20.012 | 19.354 | 19.869 | 19.257 | 18.635 | | | 18.532 | 19.899 |
| 温 | 50m | 19.480 | 20.340 | 19.246 | | 19.269 | 18.929 | | | | 20.116 |
| 温 | 60m | 18.463 | 20.401 | | | 19.721 | | | | | |
| 温 | 最深層 | 18.203 | 20.316 | 19.243 | 19.867 | 19.075 | 18.927 | 17.643 | 17.995 | 18.533 | 20.121 |
| 塩 | 0m | 33.530 | 33.867 | 33.819 | 33.711 | 33.760 | 33.229 | 32.650 | 31.970 | 32.793 | 33.226 |
| 塩 | 5m | 33.538 | 33.866 | 33.821 | 33.711 | 33.761 | 33.229 | 32.668 | 32.059 | 32.792 | 33.228 |
| 塩 | 10m | 33.589 | 33.866 | 33.848 | 33.710 | 33.761 | 33.227 | 32.709 | 32.295 | 32.793 | 33.223 |
| 分 | 20m | 33.631 | 33.970 | 34.044 | 33.712 | 33.772 | 33.224 | 32.731 | 32.539 | 32.794 | 33.263 |
| 分 | 30m | 33.620 | 34.038 | 34.074 | 33.739 | 33.775 | 33.238 | 32.790 | | 32.800 | 33.301 |
| 分 | 40m | 33.594 | 34.120 | 34.166 | 34.304 | 33.774 | 33.297 | | | 32.836 | 33.486 |
| 分 | 50m | 33.890 | 34.257 | 34.362 | | 33.779 | 33.453 | | | | 33.578 |
| 分 | 60m | 34.394 | 34.288 | | | 34.189 | | | | | |
| 分 | 最深層 | 34.473 | 34.267 | 34.368 | 34.301 | 34.450 | 33.463 | 32.796 | 32.545 | 32.837 | 33.580 |
| 潮 | 5m(°) | 234.8 | 35.3 | 172.6 | 197.8 | 12.5 | 352.6 | 319.6 | 285.8 | 329.3 | 95 |
| 潮 | 5mKt | 0.2 | 0.5 | 0.6 | 0.1 | 0.6 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 |
| 潮 | 10m(°) | 323.4 | 31.1 | 181.8 | 151.5 | 19.1 | 41.8 | 314.5 | 286.7 | 345.1 | 3.5 |
| 潮 | 10mKt | 0.3 | 0.4 | 0.6 | 0.3 | 0.5 | 0.2 | 0.3 | 0.1 | 0.1 | 0.2 |
| 流 | 40m(°) | 334.1 | 17.5 | 306.7 | | 21.2 | 10.2 | | | | 306 |
| 流 | 40mKt | 0.6 | 0.4 | 0.2 | | 0.9 | 0.7 | | | | 0.1 |

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| 観測点 | Ｓｔ．Ｎｏ | K11 | K12 | K13 | K14 | K15 | K16 | K17 | K18 | K19 | K20 |
| | Ｌａｔ．Ｎ | 34°00.37' | 34°05.19' | 34°05.20' | 34°05.18' | 34°04.85' | 34°09.21' | 34°09.19' | 34°09.19' | 34°09.18' | 33°52.20' |
| | Ｌａｔ．Ｅ | 134°55.67' | 134°56.30' | 134°50.34' | 134°44.26' | 134°38.18' | 134°39.53' | 134°44.31' | 134°50.24' | 134°56.20' | 134°45.50' |
| | 観測月日 | 12/5 | 12/3 | 12/3 | 12/3 | 12/3 | 12/3 | 12/3 | 12/3 | 12/3 | 12/5 |
| | 開始時間 | 13:24 | 13:35 | 13:00 | 12:24 | 11:50 | 15:49 | 15:15 | 14:40 | 14:06 | 10:32 |
| | 終了時間 | 13:35 | 13:43 | 13:09 | 12:32 | 11:57 | 15:56 | 15:24 | 14:47 | 14:13 | 10:41 |
| 海象 | 海深　m | 71.1 | 69.4 | 54.7 | 36.9 | 16.2 | 18.7 | 25.2 | 54.3 | 64.7 | 45.0 |
| | 航走水温 | 20.1 | 20 | 19.9 | 18.6 | 17.4 | 18.5 | 18.4 | 19.8 | 19.7 | 20.7 |
| | 水色 1 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 7 |
| | 水色 2 | | | | | | | | | | |
| | 透明度 m | 10.0 | 8.5 | 8.0 | 6.5 | 6.0 | 7.0 | 7.5 | 12.0 | 12.0 | 11.0 |
| | 波浪 | 4 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 4 |
| | うねり | －・0 | －・0 | －・0 | －・0 | －・0 | －・0 | －・0 | －・0 | －・0 | －・0 |
| 気象 | 風向(d) | NNW | S | SE | ENE | ESE | N | NNW | NNW | WSW | NNW |
| | 風速 | 8.1 | 0.9 | 1.1 | 1.6 | 1.9 | 5.9 | 6.6 | 1.4 | 0.6 | 9.6 |
| | 気温(℃) | 13.5 | 17.5 | 17.2 | 16.5 | 14.8 | 17.2 | 17.3 | 18.5 | 18.3 | 11.6 |
| | 雲形 1 | Sc | Cs | Cu | Cu | Cu | St | Cs | Ci | Ci | Cs |
| | 雲形 2 | Cc | Cu | St | St | St | Cu | Cu | Sc | Sc | Sc |
| | 雲量 | 9 | 1 | 1 | 1 | 1 | 3 | 3 | 4 | 2 | 7 |
| | 天気 | c | b | b | b | b | bc | bc | bc | b | bc |
| | 気圧(hPa) | 1013.0 | 1015.5 | 1016.1 | 1016.4 | 1016.7 | 1015.9 | 1015.6 | 1015.5 | 1015.5 | 1014.5 |
| | 湿度 | 56.8 | 59.3 | 64.7 | 68.7 | 71.2 | 65.8 | 63 | 56.3 | 56.8 | 64 |
| 水温 | ０ｍ | 20.191 | 20.042 | 19.759 | 18.457 | 17.650 | 18.542 | 18.443 | 19.445 | 19.456 | 20.761 |
| | ５ｍ | 20.192 | 19.839 | 19.699 | 18.433 | 17.888 | 18.540 | 18.456 | 19.360 | 19.409 | 20.761 |
| | １０ｍ | 20.181 | 19.721 | 19.734 | 18.415 | 18.501 | 18.549 | 18.509 | 19.368 | 19.503 | 20.781 |
| | ２０ｍ | 20.181 | 19.690 | 19.610 | 18.419 | | | 19.027 | 19.469 | 19.863 | 20.761 |
| | ３０ｍ | 20.191 | 19.745 | 19.638 | 19.363 | | | | 19.768 | 19.867 | 20.919 |
| | ４０ｍ | 20.199 | 19.759 | 19.671 | | | | | 19.847 | 19.877 | 20.902 |
| | ５０ｍ | 20.232 | 19.775 | 19.704 | | | | | 19.851 | 19.880 | |
| | ６０ｍ | 20.494 | 19.784 | | | | | | | | |
| | 最深層 | 19.182 | 19.812 | 19.693 | 19.413 | 18.525 | 18.553 | 19.195 | 19.840 | 19.880 | 20.911 |
| 塩分 | ０ｍ | 33.689 | 33.305 | 33.227 | 32.553 | 31.573 | 32.466 | 32.456 | 32.935 | 33.098 | 33.826 |
| | ５ｍ | 33.689 | 33.296 | 33.226 | 32.553 | 31.958 | 32.463 | 32.463 | 32.936 | 33.124 | 33.824 |
| | １０ｍ | 33.689 | 33.295 | 33.228 | 32.555 | 32.547 | 32.477 | 32.503 | 32.949 | 33.214 | 33.834 |
| | ２０ｍ | 33.689 | 33.303 | 33.245 | 32.562 | | | 32.834 | 33.036 | 33.381 | 33.825 |
| | ３０ｍ | 33.689 | 33.329 | 33.259 | 33.047 | | | | 33.260 | 33.385 | 33.889 |
| | ４０ｍ | 33.691 | 33.341 | 33.280 | | | | | 33.336 | 33.393 | 33.880 |
| | ５０ｍ | 33.704 | 33.348 | 33.297 | | | | | 33.355 | 33.398 | |
| | ６０ｍ | 33.949 | 33.351 | | | | | | | | |
| | 最深層 | 34.446 | 33.363 | 33.292 | 33.074 | 32.566 | 32.488 | 32.934 | 33.352 | 33.399 | 33.883 |
| 潮流 | ５ｍ(°) | 26.2 | 161.9 | 115.3 | 124.6 | 193 | 259.2 | 136 | 205.5 | 245.1 | 314.4 |
| | ５ｍKt | | 0.3 | 0.2 | 0.2 | 0.3 | 0.2 | 0.7 | 0.6 | | 0.7 |
| | １０ｍ(°) | 40.9 | 144 | 150 | 139.8 | | 266.3 | 126.2 | 216.3 | 151.3 | 318.4 |
| | １０ｍKt | 0.1 | 0.2 | 0.3 | 0.2 | | 0.4 | 0.7 | 0.4 | 0.1 | 0.7 |
| | ４０ｍ(°) | 341.1 | 215.6 | 123.3 | | | | | 106.3 | 210.4 | |
| | ４０ｍKt | 0.1 | | 0.1 | | | | | 0.2 | 0.1 | |

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| 観測点 | Ｓｔ．Ｎｏ | K21 |
| | Ｌａｔ．Ｎ | 34°01.83' |
| | Ｌａｔ．Ｅ | 134°38.20' |
| | 観測月日 | 12/3 |
| | 開始時間 | 11:24 |
| | 終了時間 | 11:31 |
| 海象 | 海深　m | 20.5 |
| | 航走水温 | 17.5 |
| | 水色 1 | 8 |
| | 水色 2 | |
| | 透明度 m | 6.0 |
| | 波浪 | 1 |
| | うねり | －・0 |
| 気象 | 風向(d) | E |
| | 風速 | 2.2 |
| | 気温(℃) | 14.6 |
| | 雲形 1 | Cu |
| | 雲形 2 | St |
| | 雲量 | 1 |
| | 天気 | b |
| | 気圧(hPa) | 1017.1 |
| | 湿度 | 69.2 |
| 水温 | ０ｍ | 17.524 |
| | ５ｍ | 17.754 |
| | １０ｍ | 18.255 |
| | ２０ｍ | |
| | ３０ｍ | |
| | ４０ｍ | |
| | ５０ｍ | |
| | ６０ｍ | |
| | 最深層 | 18.499 |
| 塩分 | ０ｍ | 31.725 |
| | ５ｍ | 31.971 |
| | １０ｍ | 32.431 |
| | ２０ｍ | |
| | ３０ｍ | |
| | ４０ｍ | |
| | ５０ｍ | |
| | ６０ｍ | |
| | 最深層 | 32.638 |
| 潮流 | ５ｍ(°) | 160.6 |
| | ５ｍKt | 0.4 |
| | １０ｍ(°) | 101.7 |
| | １０ｍKt | 0.4 |
| | ４０ｍ(°) | |
| | ４０ｍKt | |