

気象・海象データ 1990年

定時観測は毎日9時に山本善万・興田喜久男両技官が、天気・雲形・風向および風力を目視観測し、百葉箱中の最高・最低気温および乾球・湿球温度を読み取った。また実験所北浜の田辺湾に面した船着場先端で表面海水を採取し、水温を測定した。塩分は山本善万が鶴見精機KKのE2型電磁誘導方式の塩分計で測定した。他の実験所職員も、両技官による欠測をさけるべく観測を補った。

連続測定・自記記録は気温・水温・湿度・気圧・風向・風速および雨量について自動化されている。田名瀬英朋技官はそのシステムの点検・調整・自記記録の読み取り等を行い、このデータをまとめた。

—表について—

最大風速は研究棟屋上に設置した風車型風向・風速計による0～24時の自記記録の結果による。風速は10分毎の平均値m/secで、その時の風向を16方位で示す。5m/sec以上のNWの風は番所山のかげになってNNW～Nを示している。

降水量は実験所研究棟屋上に設置した転倒マス式雨量計による自記記録の0～24時の総雨量である。+は一時的な小雨を、-は記載不要を示す。

—天気記号について—

- ：快晴，雲量 0～1
- ①：晴，雲量 2～8
- ◎：曇，雲量 9～10
- ：雨

水温の最高・最低値は、実験所北浜の船着場突堤先海底に設置したサーミスター水温センサーの自記記録による底層水温を示す。そのため、定時の表層水温値が、底層水温の最高・最低値の範囲内におさまらない場合がある。

空欄は欠測を示す。

—1990年の集計結果について—

毎日午前9時の天気は、快晴が94回、晴が98回、曇が127回、雨が46回年間に観測された。月別内訳は下表のとうり。

最高気温は8月28日34.9°C、最低気温は1月24日-0.7°C。

最低相対湿度は1月21日、2月20日に32%。

最大平均風速は9月30日にNE22.7m。

海水温の最高は7月30日28.47°C、最低は1月27日10.90°C。

塩分の最高は1月1日34.880、最低は9月30日23.501。

年間の総雨量は1,499.5mm。

日間最多雨量は9月19日に155.5mm。

(田名瀬英朋)

月別午前9時の天気

| 月 | 快晴 | 晴 | 曇 | 雨 |
|----|----|----|-----|----|
| 1 | 6 | 13 | 6 | 6 |
| 2 | 6 | 1 | 17 | 4 |
| 3 | 12 | 5 | 9 | 5 |
| 4 | 6 | 7 | 13 | 4 |
| 5 | 8 | 4 | 13 | 6 |
| 6 | 6 | 4 | 14 | 6 |
| 7 | 6 | 7 | 16 | 2 |
| 8 | 8 | 17 | 6 | |
| 9 | 6 | 9 | 12 | 3 |
| 10 | 9 | 9 | 8 | 5 |
| 11 | 10 | 8 | 7 | 5 |
| 12 | 11 | 14 | 6 | |
| 計 | 94 | 98 | 127 | 46 |

1990年 1月

| | 天氣 定時 | 氣 温 °C | | | 濕 度% | | 降水量 日間 mm | 最大風速 m/s | | 水 温 °C | | | 塩分S 定時 |
|----|----------|--------|------|------|------|----|--------------|----------|------|--------|------|------|-----------|
| | | 定時 | 最高 | 最低 | 最高 | 最低 | | 風向 | 風速 | 定時 | 最高 | 最低 | |
| 1 | ☉ | 6.8 | 10.4 | 4.6 | 75 | 38 | — | NNW | 11.8 | 15.42 | 16.1 | 14.0 | 34.880 |
| 2 | ⊕ | 6.5 | 12.8 | 5.4 | 76 | 48 | — | NNW | 10.9 | 16.13 | 16.2 | 14.7 | 34.465 |
| 3 | ○ | 7.4 | 9.6 | 4.0 | 78 | 38 | — | NNW | 13.2 | 14.73 | 15.0 | 14.0 | 34.114 |
| 4 | ⊕ | 6.4 | 9.5 | 3.5 | 73 | 40 | — | N | 12.0 | 14.67 | 15.1 | 13.8 | 34.226 |
| 5 | ○ | 6.0 | 13.5 | 1.3 | 76 | 34 | — | NNW | 5.2 | 14.71 | 15.5 | 13.4 | 34.119 |
| 6 | ⊕ | 13.4 | 16.1 | 3.7 | 82 | 38 | — | NNW | 14.9 | 14.58 | 15.2 | 13.3 | 34.257 |
| 7 | ⊕ | 7.7 | 10.6 | 6.2 | 68 | 37 | — | N | 12.4 | 14.27 | 15.1 | 12.8 | 34.306 |
| 8 | ○ | 6.8 | 11.8 | 0.7 | 72 | 34 | — | N | 8.7 | 14.31 | 15.3 | 13.4 | 34.277 |
| 9 | ⊕ | 9.8 | 17.1 | 5.6 | 72 | 43 | — | E | 3.9 | 14.90 | 15.7 | 14.1 | 34.266 |
| 10 | ● | 16.8 | 19.5 | 8.9 | 89 | 52 | 30.5 | SSW | 15.4 | 16.26 | 16.5 | 14.5 | 34.233 |
| 11 | ⊕ | 10.6 | 13.2 | 9.2 | 76 | 42 | + | NNW | 15.4 | 15.51 | 15.9 | 14.2 | 34.256 |
| 12 | ● | 9.7 | 11.4 | 5.5 | 87 | 71 | 4.0 | NNW | 8.2 | 15.77 | 15.9 | 14.0 | 34.313 |
| 13 | ⊕ | 9.6 | 9.7 | 8.7 | 86 | 44 | + | NNW | 13.8 | 15.51 | 15.9 | 14.0 | 34.420 |
| 14 | ☉ | 4.5 | 11.4 | 0.6 | 84 | 36 | + | N | 10.2 | 15.94 | 17.1 | 14.0 | 34.408 |
| 15 | ○ | 7.2 | 10.4 | 4.0 | 80 | 38 | 0.5 | N | 9.5 | 15.53 | 15.9 | 14.3 | 34.649 |
| 16 | ● | 4.2 | 9.2 | 3.4 | 91 | 47 | 17.0 | N | 11.8 | 14.56 | 16.2 | 13.6 | 33.680 |
| 17 | ⊕ | 8.4 | 12.2 | 3.5 | 78 | 35 | + | NNW | 12.0 | 15.44 | 15.8 | 14.8 | 34.490 |
| 18 | ☉ | 11.4 | 16.5 | 2.6 | 81 | 51 | — | SW | 9.4 | 15.43 | 16.4 | 14.3 | 34.520 |
| 19 | ● | 11.8 | 14.0 | 10.4 | 90 | 61 | 39.0 | NNW | 13.8 | 16.31 | 16.7 | 15.3 | 33.441 |
| 20 | ⊕ | 7.1 | 9.1 | 5.2 | 71 | 41 | + | N | 15.5 | 14.98 | 16.0 | 13.8 | 34.504 |
| 21 | ☉ | 5.8 | 10.2 | 1.0 | 74 | 32 | — | N | 9.2 | 13.93 | 14.3 | 12.3 | 34.112 |
| 22 | ☉ | 5.0 | 10.8 | 0.1 | 74 | 37 | — | NNW | 10.3 | 12.91 | 13.1 | 11.0 | 33.468 |
| 23 | ☉ | 5.8 | 6.2 | 4.5 | 64 | 41 | — | NNW | 13.2 | 12.59 | 13.4 | 10.7 | 34.320 |
| 24 | ⊕ | 2.4 | 6.5 | -0.7 | 85 | 36 | + | N | 15.2 | 13.49 | 14.6 | 11.6 | 34.353 |
| 25 | ⊕ | 2.8 | 4.9 | 0.0 | | | — | NNW | 13.2 | 11.78 | 13.0 | 9.8 | 34.287 |
| 26 | ⊕ | 2.8 | 6.2 | 0.1 | | | — | N | 10.9 | 12.13 | 12.8 | 10.4 | 34.065 |
| 27 | ⊕ | 4.0 | 7.0 | 2.5 | | | — | NNW | 11.8 | 10.90 | 11.5 | 9.7 | 33.958 |
| 28 | ○ | 5.1 | 12.3 | 2.0 | | | — | N | 10.9 | 11.83 | 13.3 | 10.6 | 33.936 |
| 29 | ● | 12.2 | 17.0 | 4.2 | | | 18.0 | SSW | 13.0 | 12.81 | 13.4 | 11.6 | 33.625 |
| 30 | ○ | 10.4 | 10.8 | 4.8 | | | + | N | 13.3 | 14.21 | 15.4 | 12.5 | 34.370 |
| 31 | ● | 5.8 | 7.5 | 5.0 | | | 6.0 | NNW | 8.8 | 12.91 | 13.1 | 11.6 | 33.784 |
| 合計 | | | | | | | 115.0 | | | | | | |
| 平均 | | 7.6 | | | | | | 11.5 | | 14.34 | | | 34.197 |
| 最高 | | 16.8 | 19.5 | | 91 | | 39.0 | N 15.5 | | 16.31 | 17.1 | | 34.880 |
| 最低 | | 2.4 | | -0.7 | 32 | | | E 3.9 | | 10.90 | | 9.7 | 33.441 |

1990年 2月

| | 天氣 定時 | 氣 温 °C | | | 湿 度% | | 降水量 日間 mm | 最大風速 m/s | | 水 温 °C | | | 塩分S 定時 |
|----|----------|--------|------|------|------|----|--------------|----------|------|--------|------|------|-----------|
| | | 定時 | 最高 | 最低 | 最高 | 最低 | | 風向 | 風速 | 定時 | 最高 | 最低 | |
| 1 | ☉ | 6.6 | 8.4 | 5.2 | | | 10.5 | N | 9.4 | 12.28 | 12.3 | 10.2 | 32.588 |
| 2 | ○ | 6.8 | 12.6 | 3.7 | | | + | N | 10.0 | 11.41 | 12.5 | 10.4 | 33.585 |
| 3 | ● | 10.0 | 10.7 | 5.5 | | | 4.0 | N | 8.2 | 12.29 | 12.8 | 11.6 | 33.798 |
| 4 | ☉ | 7.7 | 9.0 | 6.7 | | | 2.0 | N | 6.7 | 12.70 | 12.8 | 11.6 | 33.663 |
| 5 | ☉ | 8.6 | 13.5 | 6.6 | | | + | NNW | 9.7 | 11.52 | 13.2 | 11.2 | 33.245 |
| 6 | ☉ | 8.0 | 10.8 | 3.8 | | | 1.5 | NNE | 4.0 | 12.03 | 12.7 | 11.2 | 33.634 |
| 7 | ☉ | 10.4 | 14.5 | 7.4 | | | + | N | 7.4 | 13.67 | 15.8 | 12.5 | 33.947 |
| 8 | ⊕ | 8.8 | 11.6 | 5.9 | | | 0.5 | NNW | 8.0 | 13.63 | 14.3 | 12.3 | 34.100 |
| 9 | ○ | 8.4 | 13.5 | 5.5 | | | + | NNW | 8.9 | 13.28 | 14.4 | 12.1 | 34.269 |
| 10 | ☉ | 10.0 | 18.1 | 3.5 | | | - | SSE | 5.9 | 13.27 | 14.2 | 12.3 | 34.074 |
| 11 | ☉ | 17.4 | 18.0 | 9.3 | | | 9.0 | SSW | 17.2 | 15.52 | 16.5 | 14.6 | 34.239 |
| 12 | ☉ | 10.9 | 14.2 | 7.4 | | | + | NNW | 12.2 | 14.73 | 15.1 | 13.2 | 34.481 |
| 13 | ○ | 7.8 | 11.9 | 5.0 | | | - | N | 11.3 | 13.54 | 14.6 | 12.3 | 34.236 |
| 14 | ☉ | 8.6 | 10.4 | 4.1 | | | - | NNE | 4.9 | 13.45 | 13.7 | 13.0 | 34.048 |
| 15 | ☉ | 9.8 | 10.5 | 7.3 | | | 2.0 | N | 7.0 | 13.67 | 15.2 | 13.0 | 34.081 |
| 16 | ☉ | 9.0 | 13.0 | 7.2 | | | 3.0 | N | 15.0 | 14.02 | 15.0 | 13.4 | 34.232 |
| 17 | ○ | 9.6 | 14.7 | 6.5 | 84 | 34 | - | N | 10.1 | 13.28 | 15.7 | 12.6 | 34.270 |
| 18 | ○ | 9.9 | 15.4 | 4.0 | 83 | 56 | - | SW | 4.0 | 14.63 | 15.5 | 12.9 | 34.536 |
| 19 | ☉ | 13.2 | 17.0 | 9.0 | 96 | 56 | 13.5 | SSE | 8.4 | 15.44 | 15.5 | 14.1 | 34.523 |
| 20 | ☉ | 14.6 | 18.3 | 12.2 | 100 | 32 | 31.5 | SW | 13.2 | 15.59 | 16.8 | 14.3 | 33.015 |
| 21 | ○ | 12.6 | 16.2 | 9.4 | 91 | 48 | - | N | 5.2 | 13.99 | 16.1 | 13.7 | 32.076 |
| 22 | ☉ | 11.8 | 17.9 | 7.8 | 83 | 58 | - | S | 6.7 | 15.47 | 16.8 | 15.2 | 34.267 |
| 23 | ● | 14.2 | 18.4 | 14.0 | 100 | 76 | 19.0 | S | 14.0 | 15.91 | 16.4 | 15.6 | 34.363 |
| 24 | ☉ | 13.1 | 15.7 | 11.6 | 100 | 63 | 17.5 | SSW | 14.2 | 16.04 | 16.6 | 14.4 | 33.869 |
| 25 | ● | 11.7 | 12.8 | 10.2 | 93 | 69 | 0.5 | N | 8.3 | 14.57 | 16.6 | 14.4 | 31.041 |
| 26 | ☉ | 11.0 | 12.2 | 9.6 | 96 | 72 | 1.0 | N | 5.8 | 13.69 | 15.8 | 12.6 | 31.463 |
| 27 | ● | 10.6 | 12.3 | 9.8 | 82 | 66 | - | N | 11.0 | 13.19 | 15.4 | 12.5 | 30.902 |
| 28 | ☉ | 8.0 | 13.6 | 3.9 | 87 | 51 | + | N | 11.5 | 11.85 | | | 32.039 |
| 合計 | | | | | | | 115.5 | | | | | | |
| 平均 | | 10.3 | | | | | | | 9.2 | 13.74 | | | 33.521 |
| 最高 | | 17.4 | 18.4 | | 100 | | 31.5 | SSW | 17.2 | 16.04 | 16.8 | | 34.536 |
| 最低 | | 6.6 | | 3.5 | | 32 | | SW | 4.0 | 11.41 | | 10.2 | 30.902 |

1990年 3月

| | 天氣 定時 | 氣 温 °C | | | 濕 度% | | 降水量 日間 mm | 最大風速 m/s | | 水 温 °C | | | 塩分S 定時 |
|----|----------|--------|------|------|------|----|--------------|----------|------|--------|------|------|-----------|
| | | 定時 | 最高 | 最低 | 最高 | 最低 | | 風向 | 風速 | 定時 | 最高 | 最低 | |
| 1 | ● | 12.8 | 14.8 | 7.1 | 100 | 74 | 5.0 | NE | 8.5 | 14.58 | 15.2 | 14.4 | 34.112 |
| 2 | ● | 12.4 | 12.7 | 10.6 | 100 | 85 | 7.0 | N | 8.1 | 15.44 | 15.6 | 14.6 | 34.320 |
| 3 | ◎ | 12.8 | 14.2 | 9.8 | 99 | 73 | 10.0 | N | 13.0 | 14.83 | 15.7 | 14.5 | 34.225 |
| 4 | ○ | 10.0 | 13.0 | 7.4 | 84 | 45 | + | N | 14.0 | 14.03 | 15.0 | 13.5 | 34.455 |
| 5 | ① | 8.9 | 13.6 | 6.2 | 71 | 37 | - | N | 9.7 | 14.47 | 15.7 | 14.1 | 34.263 |
| 6 | ○ | 9.5 | 13.4 | 6.6 | 79 | 36 | - | N | 9.7 | 13.94 | 15.4 | 13.7 | 34.204 |
| 7 | ○ | 11.4 | 10.6 | 4.8 | 88 | 37 | - | N | 14.0 | 14.08 | 15.6 | 12.9 | 34.145 |
| 8 | ◎ | 6.2 | 9.6 | 2.6 | 86 | 43 | + | N | 14.5 | 13.36 | 13.9 | 12.0 | 34.427 |
| 9 | ○ | 8.4 | 14.0 | 5.6 | 92 | 32 | - | N | 8.1 | 14.19 | 15.5 | 12.4 | 34.350 |
| 10 | ○ | 12.2 | 17.6 | 4.6 | 87 | 27 | - | NNW | 9.2 | 13.65 | 15.5 | 11.7 | 34.227 |
| 11 | ◎ | 13.2 | 19.9 | 5.6 | 81 | 37 | - | S | 11.4 | 14.34 | 15.6 | 13.8 | 34.395 |
| 12 | ◎ | 16.2 | 16.5 | 11.8 | 100 | 36 | 10.0 | SSW | 17.5 | 14.89 | 15.4 | 12.7 | 34.112 |
| 13 | ① | 9.1 | 13.5 | 5.4 | 69 | 38 | - | N | 15.0 | 13.01 | 14.3 | 11.6 | 34.164 |
| 14 | ○ | 10.6 | 17.9 | 2.8 | 82 | 38 | - | SSW | 10.7 | 13.57 | 16.0 | 12.9 | 34.103 |
| 15 | ① | 17.8 | 18.0 | 9.4 | 100 | 43 | 9.0 | N | 14.9 | 14.81 | 15.8 | 13.6 | 34.117 |
| 16 | ○ | 12.0 | 16.0 | 8.4 | 67 | 34 | - | NNW | 9.5 | 13.48 | 15.3 | 12.8 | 34.053 |
| 17 | ① | 11.0 | 14.9 | 5.2 | 91 | 36 | - | NNW | 6.8 | 13.57 | 15.6 | 12.9 | 33.912 |
| 18 | ○ | 14.4 | 15.3 | 5.7 | 85 | 38 | - | N | 14.7 | 13.93 | 15.7 | 13.2 | 34.003 |
| 19 | ○ | 10.0 | 16.0 | 6.8 | 77 | 26 | - | N | 13.0 | 13.14 | 15.0 | 12.1 | 34.240 |
| 20 | ◎ | 12.8 | 19.4 | 7.8 | 86 | 35 | - | N | 8.3 | 13.97 | 15.6 | 13.5 | 34.168 |
| 21 | ○ | 14.8 | 16.5 | 9.4 | 82 | 32 | - | N | 8.3 | 13.92 | 15.9 | 13.5 | 34.093 |
| 22 | ○ | 14.2 | 17.4 | 9.2 | 82 | 42 | - | SSW | 6.6 | 14.54 | 15.6 | 14.2 | 34.396 |
| 23 | ◎ | 16.4 | 20.0 | 10.0 | 93 | 53 | - | SSW | 4.7 | 14.99 | 15.6 | 14.5 | 34.233 |
| 24 | ● | 16.2 | 19.0 | 12.7 | 99 | 76 | 5.5 | NNW | 10.0 | 15.54 | 15.9 | 14.5 | 34.112 |
| 25 | ◎ | 11.5 | 14.8 | 9.3 | 81 | 37 | + | N | 13.8 | 14.43 | 15.5 | 12.4 | 34.281 |
| 26 | ○ | 10.8 | 16.6 | 6.7 | 66 | 28 | + | NNW | 11.0 | 14.35 | 16.2 | 12.2 | 34.323 |
| 27 | ① | 11.3 | 14.2 | 2.5 | 75 | 37 | - | SSW | 6.5 | 14.28 | 15.4 | 12.8 | 34.416 |
| 28 | ● | 10.8 | 14.9 | 8.0 | 100 | 68 | 14.0 | SSE | 5.0 | 14.62 | 14.7 | 14.0 | 34.391 |
| 29 | ● | 14.8 | 16.9 | 10.0 | 100 | 66 | 20.5 | NNW | 6.9 | 14.68 | 15.4 | 14.0 | 34.019 |
| 30 | ◎ | 14.5 | 18.8 | 11.6 | 92 | 63 | + | ENE | 5.0 | 15.25 | 16.9 | 14.7 | 33.911 |
| 31 | ◎ | 16.4 | 17.4 | 13.6 | 100 | 73 | 7.0 | NNW | 4.9 | 15.53 | 15.8 | 15.2 | 33.943 |
| 合計 | | | | | | | 88.0 | | | | | | |
| 平均 | | 12.4 | | | | | | | 10.1 | 14.30 | | | 34.197 |
| 最高 | | 17.8 | 20.0 | | 100 | | 20.5 | SSW | 17.5 | 15.54 | 16.9 | | 34.455 |
| 最低 | | 6.2 | | 2.5 | | 26 | | SSW | 4.7 | 13.01 | | 11.6 | 33.911 |

1990年 4月

| | 天氣 定時 | 氣 温 °C | | | 湿 度% | | 降水量 日間 mm | 最大風速 m/s | | 水 温 °C | | | 塩分S 定時 |
|----|----------|--------|------|------|------|----|--------------|----------|------|--------|------|------|-----------|
| | | 定時 | 最高 | 最低 | 最高 | 最低 | | 風向 | 風速 | 定時 | 最高 | 最低 | |
| 1 | ☉ | 16.2 | 19.5 | 12.4 | 99 | 68 | 0.5 | NNW | 7.5 | 15.92 | 17.9 | 15.1 | 33.730 |
| 2 | ○ | 17.4 | 21.8 | 13.6 | 79 | 40 | — | NNW | 11.3 | 15.90 | 17.9 | 15.5 | 34.276 |
| 3 | ⊕ | 19.8 | 21.5 | 10.2 | 79 | 46 | — | S | 10.4 | 16.16 | 16.9 | 15.5 | 34.232 |
| 4 | ● | 14.8 | 18.7 | 13.5 | 96 | 63 | 4.0 | NNW | 11.7 | 16.35 | 16.8 | 15.1 | 34.329 |
| 5 | ⊕ | 8.2 | 13.6 | 6.5 | 84 | 47 | + | N | 12.5 | 15.07 | 15.8 | 14.2 | 34.250 |
| 6 | ⊕ | 13.6 | 16.2 | 2.8 | 86 | 39 | — | SW | 5.8 | 15.23 | 15.9 | 13.7 | 34.311 |
| 7 | ☉ | 16.4 | 17.0 | 8.5 | 90 | 58 | — | S | 12.7 | 15.14 | 15.5 | 14.6 | 34.353 |
| 8 | ● | 13.4 | 16.7 | 12.4 | 100 | 36 | 13.5 | SSW | 18.7 | 15.64 | 16.4 | 14.9 | 34.199 |
| 9 | ○ | 15.9 | 19.5 | 7.6 | 86 | 36 | + | N | 8.2 | 15.46 | 17.5 | 14.8 | 34.325 |
| 10 | ☉ | 15.4 | 20.8 | 10.2 | 82 | 40 | — | N | 3.9 | 15.56 | 17.1 | 15.5 | 33.878 |
| 11 | ☉ | 18.0 | 23.2 | 10.0 | 76 | 26 | — | S | 9.7 | 16.28 | 17.2 | 15.7 | 34.170 |
| 12 | ☉ | 19.6 | 22.0 | 13.6 | 76 | 28 | — | SE | 7.4 | 15.89 | 17.4 | 15.7 | 34.040 |
| 13 | ● | 17.8 | 19.5 | 14.4 | 100 | 70 | 28.0 | S | 11.6 | 15.68 | 16.2 | 15.6 | 33.805 |
| 14 | ☉ | 15.4 | 19.3 | 14.1 | 100 | 50 | + | NNW | 10.5 | 15.43 | 17.7 | 15.3 | 33.798 |
| 15 | ⊕ | 17.0 | 19.5 | 12.0 | 79 | 35 | — | N | 10.7 | 15.44 | 16.7 | 14.9 | 33.511 |
| 16 | ○ | 16.2 | 18.6 | 7.2 | 91 | 41 | 0.5 | N | 5.5 | 15.63 | 16.5 | 13.8 | 33.269 |
| 17 | ☉ | 14.8 | 17.5 | 9.5 | 90 | 50 | + | NNW | 9.3 | 15.72 | 18.3 | 14.4 | 33.756 |
| 18 | ⊕ | 13.6 | 16.7 | 9.2 | 74 | 40 | — | NNW | 11.7 | 15.58 | 17.2 | 14.7 | 34.157 |
| 19 | ○ | 12.9 | 16.5 | 7.5 | 79 | 44 | — | N | 9.4 | 15.38 | 15.9 | 14.7 | 34.172 |
| 20 | ☉ | 16.2 | 16.6 | 8.9 | 88 | 48 | — | NW | 4.9 | 15.54 | 15.6 | 14.9 | 34.297 |
| 21 | ● | 14.0 | 19.0 | 11.6 | 96 | 69 | + | NNW | 3.5 | 15.76 | 16.9 | 15.6 | 34.168 |
| 22 | ☉ | 16.0 | 20.0 | 12.5 | 97 | 76 | 2.0 | SE | 4.0 | 16.30 | 16.6 | 15.7 | 34.092 |
| 23 | ☉ | 19.0 | 19.5 | 14.4 | 100 | 54 | 1.0 | N | 15.5 | 16.67 | 17.0 | 15.8 | 33.732 |
| 24 | ⊕ | 15.4 | 17.5 | 10.6 | 82 | 34 | — | NNW | 13.2 | 15.50 | 16.9 | 14.4 | 33.849 |
| 25 | ○ | 14.8 | 19.0 | 5.2 | 82 | 17 | — | SSW | 7.3 | 16.54 | 19.3 | 15.1 | 34.017 |
| 26 | ☉ | 18.2 | 22.0 | 10.4 | 93 | 57 | — | S | 6.8 | 15.92 | 18.2 | 15.2 | 34.167 |
| 27 | ○ | 20.9 | 21.7 | 13.0 | 95 | 62 | — | S | 7.0 | 17.12 | 20.3 | 16.7 | 34.213 |
| 28 | ⊕ | 21.7 | 21.8 | 13.2 | 96 | 66 | — | SSW | 6.4 | 18.52 | 19.3 | 16.8 | 34.424 |
| 29 | ☉ | 17.8 | 22.5 | 14.4 | 98 | 42 | + | NNE | 13.8 | 18.50 | 20.0 | 17.4 | 34.552 |
| 30 | ☉ | 14.2 | 22.2 | 10.5 | 72 | 30 | — | NNW | 11.2 | 17.72 | 19.0 | 17.3 | 34.540 |
| 合計 | | | | | | | 49.5 | | | | | | |
| 平均 | | 16.2 | | | | | | 9.4 | | 16.05 | | | 34.087 |
| 最高 | | 21.7 | 23.2 | | 100 | | 28.0 | SSW | 18.7 | 18.52 | 20.3 | | 34.552 |
| 最低 | | 8.2 | | 2.8 | 17 | | | NNW | 3.5 | 15.07 | | 13.7 | 33.269 |

1990年 5月

| | 天氣 定時 | 氣 温 °C | | | 湿 度% | | 降水量 日間 mm | 最大風速 m/s | | 水 温 °C | | | 塩分S 定時 |
|----|----------|--------|------|------|------|----|--------------|----------|------|--------|------|------|-----------|
| | | 定時 | 最高 | 最低 | 最高 | 最低 | | 風向 | 風速 | 定時 | 最高 | 最低 | |
| 1 | ○ | 15.1 | 20.6 | 11.6 | 69 | 27 | - | NNW | 12.6 | 16.63 | 18.8 | 15.4 | 34.642 |
| 2 | ◎ | 14.0 | 18.5 | 11.2 | 92 | 61 | + | NE | 5.6 | 16.90 | 17.8 | 16.5 | 34.473 |
| 3 | ◎ | 18.2 | 18.9 | 13.1 | 99 | 71 | 19.0 | S | 6.6 | 17.16 | 17.5 | 16.8 | 34.463 |
| 4 | ● | 17.8 | 19.6 | 14.8 | 100 | 87 | 67.5 | S | 12.4 | 17.12 | 17.6 | 16.7 | 34.341 |
| 5 | ● | 16.2 | 19.2 | 15.4 | 100 | 72 | 32.5 | NNW | 7.5 | 16.72 | 17.3 | 16.1 | 24.282 |
| 6 | ○ | 17.1 | 21.4 | 10.0 | 99 | 68 | + | S | 9.6 | 17.11 | 18.9 | 16.5 | 29.215 |
| 7 | ● | 17.4 | 21.0 | 13.4 | 100 | 70 | 12.0 | S | 10.9 | 17.08 | 17.8 | 16.9 | 32.180 |
| 8 | ○ | 20.4 | 22.9 | 14.6 | 100 | 61 | + | NNW | 6.7 | 18.31 | 20.6 | 17.9 | 32.637 |
| 9 | ○ | 19.1 | 23.2 | 12.4 | 98 | 57 | - | NE | 3.6 | 18.17 | 21.2 | 17.8 | 32.481 |
| 10 | ◎ | 22.4 | 23.0 | 14.7 | 93 | 73 | - | SSW | 5.9 | 18.61 | 19.7 | 18.2 | 32.789 |
| 11 | ◎ | 20.4 | 22.5 | 17.4 | 97 | 62 | + | S | 7.0 | 18.60 | 19.4 | 17.9 | 32.980 |
| 12 | ◎ | 19.6 | 22.2 | 16.0 | 98 | 82 | + | SW | 2.0 | 19.14 | 21.0 | 18.7 | 32.727 |
| 13 | ◎ | 20.1 | 22.6 | 16.4 | 99 | 74 | - | S | 9.0 | 18.74 | 19.2 | 17.9 | 32.754 |
| 14 | ● | 19.6 | 20.6 | 17.4 | 100 | 88 | 10.5 | NNW | 6.7 | 18.00 | 18.8 | 17.4 | 32.378 |
| 15 | ⊕ | 19.0 | 22.4 | 15.6 | 100 | 48 | + | NNW | 11.5 | 18.32 | 20.7 | 17.7 | 32.650 |
| 16 | ⊕ | 19.0 | 21.8 | 13.4 | 79 | 50 | - | N | 9.0 | 18.15 | 19.9 | 16.8 | 32.820 |
| 17 | ◎ | 19.9 | 22.3 | 13.9 | 81 | 44 | - | S | 10.5 | 17.92 | 18.4 | 17.4 | 33.257 |
| 18 | ◎ | 18.6 | 23.2 | 14.3 | 94 | 56 | 3.5 | S | 8.0 | 17.96 | 18.0 | 17.1 | 33.617 |
| 19 | ● | 19.8 | 22.0 | 17.6 | 100 | 72 | 30.0 | S | 15.2 | 17.92 | 19.2 | 17.3 | 33.720 |
| 20 | ◎ | 19.9 | 23.5 | 23.7 | 97 | 60 | + | SSW | 6.5 | 17.91 | 19.2 | 17.6 | 33.204 |
| 21 | ● | 19.2 | 22.0 | 16.8 | 99 | 75 | 5.0 | SW | 4.8 | 18.39 | 19.4 | 17.7 | 32.574 |
| 22 | ⊕ | 20.0 | 22.9 | 12.8 | 98 | 52 | + | NNE | 3.4 | 19.14 | 20.4 | 18.1 | 32.616 |
| 23 | ◎ | 17.8 | 21.2 | 15.6 | 88 | 57 | - | NNW | 9.4 | 18.82 | 20.4 | 18.3 | 32.634 |
| 24 | ◎ | 17.6 | 20.1 | 13.6 | 88 | 56 | - | SSE | 3.1 | 18.36 | 19.6 | 17.7 | 32.745 |
| 25 | ○ | 19.4 | 21.5 | 11.4 | 98 | 48 | - | NNW | 7.6 | 18.75 | 20.7 | 18.2 | 32.829 |
| 26 | ○ | 19.7 | 20.8 | 11.4 | 87 | 43 | - | NNW | 6.9 | 18.55 | 21.4 | 18.0 | 33.181 |
| 27 | ○ | 20.0 | 22.0 | 10.7 | 90 | 56 | - | SSW | 5.2 | 18.31 | 21.0 | 17.8 | 33.729 |
| 28 | ◎ | 20.2 | 22.5 | 10.8 | 84 | 50 | - | SSW | 8.4 | 18.22 | 20.3 | 17.4 | 33.214 |
| 29 | ○ | 21.0 | 22.6 | 12.5 | 91 | 63 | - | SSW | 8.5 | 19.28 | 20.4 | 18.5 | 34.200 |
| 30 | ⊕ | 22.4 | 23.8 | 13.6 | 93 | 59 | - | S | 11.3 | 19.73 | 20.3 | 18.5 | 34.177 |
| 31 | ◎ | 21.4 | 25.2 | 17.6 | 96 | 52 | + | S | 9.5 | 19.70 | 20.5 | 19.4 | 32.881 |
| 合計 | | | | | | | 180.0 | | | | | | |
| 平均 | | 19.1 | | | | | | 7.9 | | 18.18 | | | 32.787 |
| 最高 | | 22.4 | 25.2 | | 100 | | 67.5 | S 15.2 | | 19.73 | 21.4 | | 34.642 |
| 最低 | | 14.0 | | 10.0 | | 27 | | SW 2.0 | | 16.63 | | 15.4 | 24.282 |

1990年 6月

| | 天氣 定時 | 氣 温 °C | | | 湿 度% | | 降水量 日間 mm | 最大風速 m/s | | 水 温 °C | | | 塩分S 定時 |
|----|----------|--------|------|------|------|----|--------------|----------|------|--------|------|------|-----------|
| | | 定時 | 最高 | 最低 | 最高 | 最低 | | 風向 | 風速 | 定時 | 最高 | 最低 | |
| 1 | ☉ | 22.4 | 23.7 | 19.6 | 100 | 68 | 35.5 | S | 9.4 | 19.34 | 19.6 | 18.4 | 33.498 |
| 2 | ☉ | 21.3 | 26.6 | 18.2 | 100 | 45 | 1.5 | NNW | 7.5 | 20.14 | 22.2 | 19.8 | 33.070 |
| 3 | ☉ | 23.3 | 26.5 | 15.4 | 97 | 60 | + | NNW | 4.2 | 20.14 | 20.6 | 19.6 | 33.337 |
| 4 | ● | 20.0 | 22.6 | 16.8 | 100 | 46 | 5.5 | NE | 7.0 | 19.73 | 20.6 | 19.4 | 33.174 |
| 5 | ☉ | 20.2 | 22.8 | 17.8 | 100 | 78 | 6.5 | NNW | 6.2 | 20.20 | 20.9 | 19.8 | 32.008 |
| 6 | ○ | 22.6 | 24.0 | 16.0 | 100 | 58 | - | SW | 3.2 | 20.08 | 21.7 | 19.0 | 33.099 |
| 7 | ☉ | 23.3 | 26.5 | 15.6 | 98 | 56 | - | N | 5.6 | 20.29 | 22.2 | 19.7 | 33.397 |
| 8 | ⊕ | 24.2 | 26.5 | 15.2 | 94 | 48 | - | SE | 5.5 | 21.14 | 22.8 | 20.3 | 33.501 |
| 9 | ● | 23.0 | 24.2 | 19.2 | 100 | 76 | 25.0 | S | 15.8 | 20.75 | 21.1 | 20.6 | 33.052 |
| 10 | ☉ | 23.7 | 24.8 | 20.0 | 98 | 64 | + | N | 7.1 | 21.88 | 23.0 | 20.9 | 32.196 |
| 11 | ○ | 23.0 | 25.6 | 17.2 | 97 | 68 | - | S | 6.0 | 20.12 | 21.1 | 19.3 | 32.963 |
| 12 | ☉ | 24.2 | 27.7 | 16.8 | 97 | 76 | + | NE | 7.4 | 22.80 | 24.4 | 22.1 | 33.190 |
| 13 | ☉ | 25.2 | 25.7 | 20.3 | 96 | 71 | - | SSW | 8.8 | 23.17 | 24.1 | 22.5 | 33.373 |
| 14 | ○ | 25.8 | 26.8 | 19.2 | 98 | 64 | - | S | 8.8 | 23.20 | 24.1 | 22.6 | 33.449 |
| 15 | ● | 24.8 | 26.3 | 21.8 | 100 | 85 | 21.0 | S | 10.5 | 23.11 | 23.5 | 23.0 | 33.533 |
| 16 | ● | 24.4 | 25.0 | 23.2 | 100 | 85 | 3.5 | SSW | 12.3 | 22.56 | 23.3 | 22.4 | 33.574 |
| 17 | ⊕ | 25.1 | 25.5 | 17.5 | 100 | 64 | + | NNW | 6.1 | 23.11 | 24.4 | 22.2 | 33.238 |
| 18 | ○ | 25.2 | 27.4 | 16.4 | 94 | 47 | - | S | 6.3 | 23.13 | 24.1 | 22.2 | 33.216 |
| 19 | ⊕ | 26.0 | 27.1 | 17.9 | 92 | 68 | - | S | 6.2 | 23.07 | 23.6 | 22.2 | 33.429 |
| 20 | ☉ | 26.4 | 27.5 | 20.6 | 94 | 77 | - | SSW | 6.1 | 23.03 | 23.7 | 22.2 | 33.073 |
| 21 | ☉ | 26.6 | 28.2 | 23.9 | 98 | 75 | - | SSW | 8.3 | 23.76 | 24.5 | 23.2 | 33.187 |
| 22 | ○ | 26.4 | 28.3 | 24.2 | 100 | 79 | - | SW | 6.4 | 24.32 | 26.9 | 23.6 | 33.126 |
| 23 | ○ | 28.0 | 28.4 | 22.9 | 98 | 75 | - | SSW | 5.9 | 24.64 | 26.8 | 23.8 | 33.023 |
| 24 | ☉ | 26.7 | 28.0 | 23.6 | 95 | 75 | - | S | 8.2 | 24.54 | 26.2 | 24.1 | 33.173 |
| 25 | ⊕ | 27.8 | 27.8 | 23.5 | 98 | 75 | - | S | 5.0 | 23.78 | 25.9 | 23.7 | 33.152 |
| 26 | ☉ | 26.0 | 27.5 | 24.2 | 98 | 84 | + | SSW | 8.4 | 23.38 | 25.1 | 22.7 | 33.306 |
| 27 | ☉ | 26.8 | 27.6 | 24.4 | 96 | 76 | + | SSW | 5.8 | 23.93 | 24.6 | 23.3 | 33.364 |
| 28 | ● | 23.6 | 23.7 | 22.5 | 98 | 76 | 1.0 | NNW | 6.3 | 24.32 | 24.4 | 23.9 | 33.333 |
| 29 | ● | 21.2 | 23.5 | 19.4 | 100 | 87 | 3.5 | ENE | 3.6 | 22.16 | 23.6 | 19.6 | 33.554 |
| 30 | ☉ | 22.2 | 23.4 | 20.3 | 97 | 76 | 4.0 | NE | 4.7 | 21.16 | 22.3 | 19.5 | 33.567 |
| 合計 | | | | | | | 107.0 | | | | | | |
| 平均 | | 24.3 | | | | | | | 7.1 | 22.23 | | | 33.205 |
| 最高 | | 28.0 | 28.4 | | 100 | | 35.5 | S | 15.8 | 24.64 | 26.9 | | 33.574 |
| 最低 | | 20.0 | | 15.2 | | 45 | | SW | 3.2 | 19.34 | | 18.4 | 32.008 |

1990年 7月

| | 天氣 定時 | 氣 温 °C | | | 濕 度% | | 降水量 日間 mm | 最大風速 m/s | | 水 温 °C | | | 塩分S 定時 |
|----|----------|--------|------|------|------|----|--------------|----------|------|--------|------|------|-----------|
| | | 定時 | 最高 | 最低 | 最高 | 最低 | | 風向 | 風速 | 定時 | 最高 | 最低 | |
| 1 | ☉ | 22.3 | 26.0 | 18.6 | 98 | 74 | 4.0 | NE | 6.8 | 22.17 | 23.2 | 21.9 | 33.846 |
| 2 | ● | 21.6 | 23.3 | 20.0 | 97 | 83 | 20.0 | E | 4.9 | 22.31 | 22.5 | 22.0 | 34.042 |
| 3 | ● | 23.2 | 25.9 | 19.7 | 99 | 81 | 16.0 | NNE | 2.9 | 22.43 | 23.2 | 22.3 | 33.697 |
| 4 | ☉ | 25.9 | 27.2 | 22.1 | 97 | 77 | + | ENE | 2.9 | 23.52 | 25.4 | 22.7 | 33.647 |
| 5 | ○ | 26.2 | 27.8 | 20.2 | 99 | 64 | - | NNW | 9.0 | 23.48 | 24.9 | 22.3 | 33.825 |
| 6 | ⊕ | 25.2 | 26.8 | 17.6 | 95 | 63 | - | NNW | 9.3 | 23.89 | 24.9 | 21.9 | 33.670 |
| 7 | ☉ | 25.4 | 27.8 | 19.9 | 45 | 64 | - | SW | 3.9 | 22.50 | 24.1 | 21.9 | 33.443 |
| 8 | ☉ | 27.5 | 29.5 | 22.5 | 94 | 69 | - | S | 7.7 | 23.52 | 24.6 | 23.4 | 33.396 |
| 9 | ☉ | 27.4 | 29.2 | 23.6 | 95 | 72 | - | SW | 4.3 | 24.11 | 25.3 | 23.5 | 33.073 |
| 10 | ☉ | 26.0 | 28.5 | 22.4 | 97 | 78 | - | SSW | 4.7 | 24.40 | 25.5 | 23.9 | 33.209 |
| 11 | ☉ | 28.4 | 29.3 | 22.6 | 98 | 70 | - | S | 7.5 | 24.86 | 26.9 | 24.5 | 33.078 |
| 12 | ☉ | 25.1 | 28.8 | 24.5 | 97 | 77 | 4.0 | S | 8.8 | 24.70 | 25.0 | 23.7 | 33.046 |
| 13 | ⊕ | 28.4 | 30.6 | 23.4 | 100 | 67 | + | NNE | 6.4 | 24.89 | 27.3 | 24.9 | 33.239 |
| 14 | ☉ | 28.6 | 30.6 | 22.7 | 98 | 68 | - | S | 7.6 | 25.56 | 26.6 | 25.4 | 33.296 |
| 15 | ☉ | 29.2 | 30.8 | 25.5 | 99 | 78 | + | S | 7.7 | 24.72 | 25.7 | 24.2 | 33.439 |
| 16 | ☉ | 28.4 | 29.9 | 26.0 | 98 | 77 | - | S | 11.0 | 25.14 | 25.6 | 25.0 | 33.488 |
| 17 | ☉ | 28.2 | 30.0 | 25.8 | 100 | 78 | - | SSW | 6.9 | 25.47 | 26.0 | 25.3 | 33.544 |
| 18 | ○ | 28.8 | 29.8 | 26.4 | 98 | 76 | - | SSW | 7.4 | 26.09 | 26.6 | 25.6 | 33.543 |
| 19 | ○ | 29.4 | | 26.4 | 99 | 80 | - | SSW | 4.5 | 26.61 | 27.5 | 25.8 | 33.485 |
| 20 | ○ | 29.5 | 31.2 | | 98 | 70 | - | S | 8.8 | 26.89 | 27.6 | 22.7 | 33.541 |
| 21 | ○ | 29.0 | 30.9 | 23.7 | 97 | 71 | - | S | 7.8 | 27.24 | 28.4 | 25.2 | 33.580 |
| 22 | ⊕ | 30.1 | 30.7 | 23.2 | 99 | 75 | - | SSW | 4.4 | 27.21 | 29.2 | 26.1 | 33.499 |
| 23 | ☉ | 30.1 | 32.4 | 25.1 | 97 | 62 | - | SW | 4.4 | 28.11 | 30.2 | 27.1 | 33.426 |
| 24 | ☉ | 29.0 | 31.3 | 24.5 | 99 | 72 | 2.5 | S | 7.5 | 27.23 | 28.3 | 26.7 | 33.536 |
| 25 | ⊕ | 29.2 | 30.8 | 23.0 | 99 | 70 | 8.1 | SSW | 8.1 | 26.84 | 28.2 | 26.2 | 33.289 |
| 26 | ○ | 30.8 | 32.5 | 24.6 | 97 | 60 | - | SW | 3.9 | 28.04 | 30.2 | 27.3 | 33.203 |
| 27 | ⊕ | 28.8 | 31.0 | 23.8 | 96 | 66 | - | SW | 4.4 | 27.67 | 28.7 | 26.2 | 33.170 |
| 28 | ⊕ | 29.0 | 32.0 | 23.5 | 96 | 71 | - | SW | 4.4 | 28.14 | 29.1 | 27.7 | 33.293 |
| 29 | ☉ | 28.8 | 31.5 | 24.5 | 96 | 68 | - | SSW | 4.2 | 28.10 | 28.6 | 27.4 | 33.053 |
| 30 | ☉ | 29.0 | 32.0 | 20.4 | 97 | 63 | - | S | 6.4 | 28.47 | 29.5 | 27.9 | 33.009 |
| 31 | ⊕ | 30.2 | 32.4 | 23.0 | 97 | 57 | - | S | 7.2 | 27.95 | 29.3 | 27.1 | 33.194 |
| 合計 | | | | | | | 54.5 | | | | | | |
| 平均 | | 27.7 | | | | | | 6.3 | | 25.56 | | | 33.413 |
| 最高 | | 30.8 | 32.5 | | 100 | | 20.0 | S | 11.0 | 28.47 | 30.2 | | 34.042 |
| 最低 | | 21.6 | | 17.9 | | 57 | | NNE | 2.9 | 22.17 | | 21.9 | 33.009 |

1990年 8月

| | 天气 定時 | 气温 °C | | | 湿度% | | 降水量 日間 mm | 最大風速 m/s | | 水温 °C | | | 塩分S 定時 |
|----|----------|-------|------|------|-----|----|--------------|----------|------|-------|------|------|-----------|
| | | 定時 | 最高 | 最低 | 最高 | 最低 | | 風向 | 風速 | 定時 | 最高 | 最低 | |
| 1 | ○ | 29.9 | 30.4 | 23.1 | 95 | 66 | — | SSW | 8.5 | 28.19 | 28.6 | 27.0 | 33.262 |
| 2 | ○ | 30.2 | 30.5 | 22.0 | 95 | 63 | — | SW | 6.7 | 27.52 | 28.4 | 27.1 | 33.344 |
| 3 | ○ | 29.2 | 31.2 | 22.4 | 95 | 67 | — | SSW | 5.0 | 27.60 | 29.0 | 26.8 | 33.282 |
| 4 | ○ | 29.9 | 32.6 | 23.5 | 94 | 62 | — | W | 5.4 | 28.19 | 29.2 | 27.5 | 33.332 |
| 5 | ○ | 30.2 | 33.1 | 24.3 | 97 | 45 | — | | | 27.58 | 29.3 | 27.1 | 33.362 |
| 6 | ○ | 29.8 | 32.4 | 23.2 | 98 | 62 | — | S | 6.2 | 27.36 | 29.8 | 25.2 | 33.414 |
| 7 | ○ | 30.2 | 32.1 | 23.0 | 96 | 61 | — | S | 4.5 | 27.68 | 29.4 | 25.4 | 33.495 |
| 8 | ☉ | 29.6 | 32.5 | 22.8 | 91 | 62 | — | S | 7.5 | 27.24 | 28.9 | 26.6 | 33.437 |
| 9 | ⊕ | 31.0 | 32.6 | 24.1 | 97 | 52 | 8.0 | NE | 9.9 | 27.74 | 28.6 | 27.4 | 33.476 |
| 10 | ⊕ | 30.4 | 33.2 | 24.1 | 97 | 68 | + | NNW | 7.8 | 27.36 | 28.4 | 26.7 | 33.474 |
| 11 | ☉ | 29.2 | 31.5 | 27.3 | 98 | 77 | — | SSW | 8.0 | 27.21 | 28.0 | 26.9 | 33.581 |
| 12 | ⊕ | 30.8 | 31.8 | 25.0 | 100 | 78 | 1.0 | SSW | 5.2 | 27.81 | 28.1 | 26.9 | 33.571 |
| 13 | ☉ | 27.2 | 30.0 | 25.2 | 100 | 81 | 12.5 | SSW | 12.2 | 27.17 | 28.2 | 26.6 | 33.255 |
| 14 | ⊕ | 30.0 | 31.0 | 24.8 | 100 | 73 | 42.0 | SSW | 7.5 | 27.33 | 27.8 | 26.5 | 33.573 |
| 15 | ⊕ | 29.7 | 31.0 | 24.2 | 100 | 72 | + | S | 6.4 | 27.78 | 28.6 | 27.1 | 33.465 |
| 16 | ⊕ | 30.8 | 33.3 | 24.0 | 95 | 58 | — | S | 8.2 | 27.95 | 29.0 | 27.2 | 33.568 |
| 17 | ⊕ | 30.2 | 31.8 | 25.2 | 97 | 63 | 6.0 | S | 8.5 | 27.84 | 28.4 | 27.3 | 33.207 |
| 18 | ⊕ | 29.5 | 31.2 | 23.0 | 99 | 65 | + | S | 10.6 | 28.14 | 29.5 | 27.3 | 33.500 |
| 19 | ⊕ | 30.2 | 31.6 | 23.0 | 82 | 63 | — | S | 8.9 | 28.05 | 28.7 | 27.7 | 33.560 |
| 20 | ⊕ | 30.6 | 32.4 | 23.8 | 89 | 61 | + | S | 9.1 | 27.79 | 29.4 | 27.0 | 33.387 |
| 21 | ⊕ | 31.2 | 34.4 | 23.6 | 96 | 52 | — | SE | 6.1 | 27.89 | 29.4 | 27.2 | 33.460 |
| 22 | ⊕ | 31.0 | 31.0 | 27.4 | 92 | 62 | 0.5 | S | 13.9 | 27.56 | 27.8 | 27.5 | 33.200 |
| 23 | ☉ | 28.8 | 31.0 | 26.8 | 94 | 77 | 0.5 | SSW | 12.0 | 27.33 | 28.2 | 27.2 | 33.589 |
| 24 | ☉ | 28.2 | 32.5 | 26.5 | 100 | 56 | + | SSW | 10.0 | 27.34 | 28.3 | 27.2 | 33.635 |
| 25 | ⊕ | 29.6 | 32.5 | 22.0 | 90 | 44 | — | NNW | 5.5 | 27.89 | 28.5 | 27.9 | 33.569 |
| 26 | ⊕ | 28.4 | 31.2 | 21.4 | 87 | 53 | — | S | 4.9 | 27.39 | 27.8 | 27.2 | 33.521 |
| 27 | ⊕ | 28.6 | 34.9 | 20.4 | 93 | 36 | — | N | 8.5 | 27.06 | 27.2 | 26.9 | 33.634 |
| 28 | ○ | 27.8 | 30.4 | 19.2 | 92 | 57 | — | NNW | 3.0 | 26.76 | 27.5 | 26.7 | 33.648 |
| 29 | ⊕ | 30.6 | 31.5 | 26.5 | 95 | 59 | — | NE | 5.1 | 26.33 | 26.9 | 26.2 | 33.809 |
| 30 | ☉ | 30.6 | 32.2 | 24.2 | 92 | 63 | — | S | 6.8 | 26.79 | 27.8 | 26.8 | 33.840 |
| 31 | ⊕ | 30.4 | 30.9 | 25.3 | 99 | 74 | 1.0 | S | 5.8 | 27.50 | 28.6 | 27.0 | 32.234 |
| 合計 | | | | | | | 71.5 | | | | | | |
| 平均 | | 29.8 | | | | | | | 7.6 | 27.53 | | | 33.441 |
| 最高 | | 31.2 | 34.9 | | 100 | | 42.0 | S | 13.9 | 28.19 | 29.8 | | 33.840 |
| 最低 | | 27.2 | | 19.2 | | 36 | | NNW | 3.0 | 26.33 | | 25.2 | 32.234 |

1990年 9月

| | 天氣 定時 | 氣 温 °C | | | 濕 度 % | | 降水量 日間 mm | 最大風速 m/s | | 水 温 °C | | | 塩分S 定時 |
|----|----------|--------|------|------|-------|----|--------------|----------|------|--------|------|------|-----------|
| | | 定時 | 最高 | 最低 | 最高 | 最低 | | 風向 | 風速 | 定時 | 最高 | 最低 | |
| 1 | ☉ | 28.8 | 31.8 | 25.0 | 92 | 60 | — | S | 9.8 | 27.70 | 28.2 | 26.8 | 32.665 |
| 2 | ① | 30.6 | 34.7 | 21.4 | 92 | 44 | — | S | 8.8 | 27.60 | 28.8 | 26.9 | 32.933 |
| 3 | ☉ | 27.9 | 28.6 | 22.1 | 98 | 72 | 8.5 | SSW | 13.5 | 27.29 | 27.6 | 27.1 | 33.180 |
| 4 | ○ | 28.2 | 30.2 | 20.9 | 97 | 62 | + | N | 6.0 | 27.31 | 29.0 | 26.9 | 33.230 |
| 5 | ○ | 28.0 | 31.1 | 20.2 | 93 | 58 | — | S | 5.2 | 27.38 | 29.5 | 27.0 | 33.300 |
| 6 | ○ | 29.4 | 30.7 | 21.4 | 92 | 62 | — | S | 11.0 | 26.97 | 28.1 | 26.0 | 33.442 |
| 7 | ① | 30.6 | 31.2 | 22.5 | 94 | 62 | — | NNW | 4.6 | 26.89 | 28.6 | 26.5 | 33.640 |
| 8 | ○ | 29.5 | 31.7 | 22.0 | 98 | 47 | — | | | 27.14 | 28.0 | 26.3 | 33.582 |
| 9 | ○ | 27.8 | 29.8 | 19.5 | 92 | 45 | — | | | 26.02 | 27.1 | 25.5 | 33.603 |
| 10 | ① | 29.6 | 31.8 | 20.5 | 90 | 61 | — | | | 26.50 | 27.6 | 25.9 | 33.539 |
| 11 | ① | 30.4 | 30.5 | 22.6 | 93 | 69 | — | SSW | 5.7 | 26.28 | 27.1 | 25.9 | 33.620 |
| 12 | ○ | 29.2 | 30.2 | 25.5 | 95 | 71 | — | SSW | 6.3 | 26.07 | 26.7 | 25.4 | 33.659 |
| 13 | ① | 28.9 | 29.7 | 26.4 | 96 | 75 | — | SSW | 7.5 | 26.40 | 26.7 | 26.0 | 33.621 |
| 14 | ☉ | 25.8 | 30.8 | 24.1 | 100 | 67 | 28.5 | S | 8.9 | 26.82 | 27.7 | 26.6 | 32.897 |
| 15 | ☉ | 27.7 | 29.0 | 24.1 | 99 | 75 | 2.0 | SSW | 9.3 | 27.31 | 28.0 | 26.6 | 33.461 |
| 16 | ☉ | 24.9 | 28.0 | 22.5 | 99 | 73 | 1.0 | SW | 4.6 | 26.68 | 28.5 | 26.6 | 33.403 |
| 17 | ● | 24.0 | 29.9 | 22.4 | 100 | 88 | 109.0 | S | 9.6 | 26.08 | 27.2 | 25.6 | 32.881 |
| 18 | ☉ | 29.8 | 30.4 | 26.3 | 100 | 68 | 12.0 | S | 12.4 | 26.57 | 27.3 | 25.8 | 32.140 |
| 19 | ☉ | 27.0 | 28.4 | 24.2 | 100 | 69 | 155.5 | ENE | 20.5 | 26.40 | 26.4 | 25.6 | 32.634 |
| 20 | ☉ | 23.2 | 25.5 | 20.6 | 96 | 65 | 2.0 | N | 13.0 | 24.30 | 25.3 | 22.5 | 27.824 |
| 21 | ① | 23.0 | 26.7 | 13.5 | 93 | 58 | — | N | 8.5 | 23.46 | 24.9 | 21.1 | 28.269 |
| 22 | ① | 25.2 | 29.4 | 18.2 | 96 | 51 | — | NE | 5.3 | 24.78 | 25.6 | 24.2 | 31.296 |
| 23 | ☉ | 25.1 | 29.9 | 19.6 | | | — | ENE | 7.9 | 24.50 | | | 32.255 |
| 24 | ① | 26.8 | 28.7 | 20.5 | | | — | S | 8.1 | 24.48 | | | 30.903 |
| 25 | ☉ | 23.8 | 26.0 | 21.4 | | | + | NNW | 5.9 | 24.26 | | | 30.491 |
| 26 | ☉ | 24.6 | 25.5 | 20.6 | | | + | NNE | 6.3 | 24.77 | | | 31.395 |
| 27 | ① | 24.6 | 27.4 | 20.2 | | | + | NE | 7.2 | 24.48 | | | 31.597 |
| 28 | ☉ | 25.2 | 26.2 | 21.5 | | | — | ENE | 5.3 | 24.40 | | | 32.156 |
| 29 | ● | 22.2 | 23.5 | 20.2 | 100 | 85 | 32.0 | ENE | 7.4 | 24.41 | 25.1 | 23.8 | 32.285 |
| 30 | ● | 23.2 | 25.5 | 19.2 | 100 | 77 | 121.0 | NE | 22.7 | 24.06 | 24.8 | 22.3 | 23.501 |
| 合計 | | | | | | | 471.5 | | | | | | |
| 平均 | | 26.8 | | | | | | | 8.9 | 25.91 | | | 32.113 |
| 最高 | | 30.6 | 34.7 | | 100 | | 155.5 | NE | 22.7 | 27.70 | 29.5 | | 33.659 |
| 最低 | | 22.2 | | 13.5 | | 44 | | SW | 4.6 | 23.46 | | 21.7 | 23.501 |

1990年 10月

| | 天气 定時 | 气温 °C | | | 湿度% | | 降水量 日間 mm | 最大風速 m/s | | 水温 °C | | | 塩分S 定時 |
|----|----------|-------|------|------|-----|----|--------------|----------|------|-------|------|------|-----------|
| | | 定時 | 最高 | 最低 | 最高 | 最低 | | 風向 | 風速 | 定時 | 最高 | 最低 | |
| 1 | ⊙ | 24.8 | 29.0 | 17.4 | 100 | 56 | + | NNW | 6.8 | 23.78 | 25.1 | 22.0 | 25.489 |
| 2 | ☉ | 22.8 | 27.8 | 18.9 | 92 | 42 | - | NNW | 7.2 | 23.98 | 25.5 | 23.9 | 28.998 |
| 3 | ⊙ | 25.7 | 29.0 | 16.7 | 84 | 55 | - | ENE | 4.1 | 25.10 | 26.2 | 24.3 | 32.455 |
| 4 | ☉ | 26.2 | 27.9 | 21.8 | 100 | 72 | 18.0 | S | 6.5 | 25.12 | 25.6 | 24.8 | 32.801 |
| 5 | ☉ | 24.6 | 27.8 | 21.4 | 99 | 82 | + | SW | 2.9 | 24.76 | 25.1 | 24.6 | 32.698 |
| 6 | ⊙ | 27.8 | 29.5 | 21.9 | 100 | 69 | 7.5 | S | 7.8 | 25.36 | 26.5 | 25.1 | 32.422 |
| 7 | ● | 21.4 | 29.6 | 19.5 | 100 | 81 | 11.0 | NE | 6.6 | 25.02 | 25.1 | 24.0 | 32.060 |
| 8 | ● | 24.0 | 24.4 | 19.6 | 100 | 68 | 5.5 | NNW | 18.6 | 24.46 | 24.8 | 23.1 | 32.287 |
| 9 | ○ | 21.7 | 24.4 | 17.3 | 83 | 50 | + | NW | 9.5 | 24.62 | 25.5 | 23.9 | 32.608 |
| 10 | ○ | 19.4 | 22.5 | 15.5 | 75 | 44 | + | N | 11.0 | 22.40 | 22.5 | 21.3 | 32.822 |
| 11 | ⊙ | 22.1 | 23.2 | 11.5 | 86 | 55 | - | ENE | 4.4 | 22.87 | 24.8 | 22.4 | 32.743 |
| 12 | ● | 20.2 | 22.7 | 17.4 | 98 | 71 | 9.0 | ENE | 7.4 | 22.20 | 22.9 | 21.9 | 32.890 |
| 13 | ● | 20.2 | 25.4 | 17.1 | 99 | 83 | 7.0 | NE | 5.5 | 22.47 | 22.9 | 22.1 | 32.802 |
| 14 | ⊙ | 25.3 | 26.5 | 18.8 | 97 | 73 | + | NNW | 6.7 | 23.58 | 24.2 | 23.2 | 32.970 |
| 15 | ☉ | 23.0 | 23.4 | 19.4 | 96 | 74 | 9.5 | NNE | 5.3 | 23.32 | 23.4 | 22.5 | 33.088 |
| 16 | ⊙ | 20.8 | 24.3 | 15.2 | 98 | 64 | - | SSW | 6.5 | 22.85 | 23.8 | 22.2 | 33.094 |
| 17 | ⊙ | 21.0 | 25.0 | 15.0 | 98 | 60 | + | SW | 3.3 | 23.02 | 24.2 | 22.4 | 33.174 |
| 18 | ○ | 21.2 | 23.4 | 14.4 | 97 | 45 | - | NNW | 8.8 | 22.69 | 23.6 | 21.8 | 32.701 |
| 19 | ○ | 19.1 | 21.7 | 14.5 | 81 | 52 | - | N | 18.0 | 22.05 | 22.9 | 20.9 | 32.819 |
| 20 | ○ | 19.1 | 24.5 | 10.8 | 85 | 36 | - | NNW | 4.2 | 22.22 | 23.5 | 21.3 | 32.998 |
| 21 | ⊙ | 20.0 | 24.6 | 12.0 | 90 | 56 | - | NNW | 5.1 | 22.29 | 23.6 | 21.6 | 33.086 |
| 22 | ☉ | 18.8 | 23.1 | 15.0 | 94 | 57 | - | NNW | 3.5 | 22.47 | 23.0 | 22.0 | 33.357 |
| 23 | ☉ | 17.6 | 19.4 | 14.6 | 94 | 68 | 0.5 | NE | 5.9 | 21.95 | 22.1 | 21.4 | 33.022 |
| 24 | ○ | 17.8 | 23.5 | 10.4 | 91 | 43 | + | NNW | 5.5 | 21.79 | 22.8 | 20.7 | 32.881 |
| 25 | ☉ | 18.6 | 20.2 | 13.3 | 97 | 70 | 7.0 | S | 4.5 | 21.77 | 21.9 | 20.6 | 33.276 |
| 26 | ○ | 19.0 | 21.7 | 14.4 | 97 | 54 | 6.5 | NNW | 13.5 | 21.48 | 22.2 | 20.1 | 33.330 |
| 27 | ⊙ | 19.4 | 20.7 | 15.3 | 79 | 46 | + | N | 11.2 | 20.97 | 22.1 | 20.3 | 33.504 |
| 28 | ○ | 17.8 | 21.1 | 13.2 | 84 | 45 | - | N | 8.6 | 19.96 | 21.0 | 19.2 | 33.375 |
| 29 | ☉ | 16.4 | 21.0 | 14.0 | 91 | 63 | - | E | 3.6 | 20.47 | 21.5 | 20.1 | 33.231 |
| 30 | ● | 17.4 | 19.6 | 13.4 | 97 | 80 | 2.0 | N | 6.5 | 20.26 | 21.7 | 20.2 | 33.330 |
| 31 | ○ | 19.6 | 22.4 | 14.5 | 92 | 54 | + | N | 9.6 | 21.60 | 22.6 | 20.6 | 33.845 |
| 合計 | | | | | | | 83.5 | | | | | | |
| 平均 | | 21.1 | | | | | | | 7.4 | 22.80 | | | 32.586 |
| 最高 | | 27.8 | 29.6 | | 100 | | 18.0 | NNW | 18.6 | 25.36 | 26.5 | | 33.845 |
| 最低 | | 16.4 | | 10.4 | | 36 | | SW | 2.9 | 19.96 | | 19.2 | 25.489 |

1990年 11月

| | 天气 定時 | 气温 °C | | | 湿度% | | 降水量 日間 mm | 最大風速 m/s | | 水 温 °C | | | 塩分S 定時 |
|----|----------|-------|------|------|-----|----|--------------|----------|------|--------|------|------|-----------|
| | | 定時 | 最高 | 最低 | 最高 | 最低 | | 風向 | 風速 | 定時 | 最高 | 最低 | |
| 1 | ⊙ | 18.0 | 21.8 | 10.3 | 90 | 43 | — | E | 3.3 | 20.75 | 22.1 | 19.9 | 33.903 |
| 2 | ⊙ | 18.0 | 23.3 | 10.5 | 90 | 44 | — | NNW | 6.6 | 21.31 | 22.5 | 19.9 | 33.684 |
| 3 | ☉ | 18.3 | 24.0 | 11.7 | 89 | 42 | — | NE | 5.0 | 21.10 | 21.6 | 19.9 | 33.697 |
| 4 | ● | 20.2 | 22.2 | 15.4 | 100 | 73 | 37.5 | SSE | 15.4 | 21.06 | 21.6 | 20.0 | 32.933 |
| 5 | ⊙ | 20.0 | 22.3 | 15.8 | 89 | 58 | + | NNW | 9.0 | 20.87 | 22.0 | 19.6 | 33.724 |
| 6 | ⊙ | 17.6 | 24.0 | 16.8 | 92 | 49 | — | E | 3.5 | 20.76 | 21.9 | 19.9 | 33.606 |
| 7 | ○ | 18.6 | 23.4 | 12.2 | 96 | 50 | — | N | 12.8 | 21.53 | 22.3 | 20.1 | 33.760 |
| 8 | ○ | 18.8 | 23.1 | 13.6 | 82 | 39 | — | N | 7.5 | 20.54 | 21.9 | 19.5 | 33.684 |
| 9 | ● | 17.8 | 23.2 | 13.8 | 100 | 61 | 9.5 | S | 16.0 | 20.56 | 20.8 | 20.2 | 33.587 |
| 10 | ☉ | 15.3 | 15.5 | 12.6 | 87 | 46 | 0.5 | N | 18.2 | 19.35 | 20.2 | 17.9 | 33.928 |
| 11 | ⊙ | 12.2 | 15.2 | 7.2 | 85 | 46 | — | N | 11.0 | 17.84 | 18.9 | 17.2 | 33.832 |
| 12 | ○ | 15.1 | 19.5 | 6.6 | 94 | 54 | — | N | 6.8 | 18.61 | 20.1 | 18.3 | 33.575 |
| 13 | ○ | 14.3 | 20.8 | 7.4 | 92 | 48 | — | E | 4.0 | 19.58 | 20.8 | 19.3 | 33.782 |
| 14 | ○ | 15.6 | 21.9 | 10.2 | 92 | 46 | — | NNW | 5.0 | 19.91 | 21.2 | 19.5 | 33.748 |
| 15 | ○ | 15.8 | 21.9 | 8.8 | 96 | 47 | — | NNW | 10.0 | 20.29 | 21.3 | 19.6 | 33.856 |
| 16 | ○ | 14.0 | 20.5 | 7.6 | 94 | 42 | — | SW | 3.2 | 20.66 | 21.9 | 20.1 | 33.944 |
| 17 | ☉ | 17.1 | 21.5 | 11.0 | 91 | 51 | — | NNW | 5.0 | 20.03 | 20.9 | 18.8 | 34.020 |
| 18 | ○ | 15.1 | 21.4 | 9.6 | 92 | 61 | — | S | 6.5 | 19.22 | 20.2 | 18.0 | 33.895 |
| 19 | ☉ | 15.6 | 22.3 | 12.4 | 88 | 63 | — | E | 3.4 | 19.64 | 20.4 | 18.9 | 33.247 |
| 20 | ● | 17.8 | 22.0 | 14.8 | 100 | 85 | 27.0 | NNW | 7.5 | 19.63 | 20.0 | 18.6 | 33.056 |
| 21 | ⊙ | 16.2 | 16.7 | 14.4 | 94 | 50 | 0.5 | N | 14.3 | 19.03 | 19.4 | 17.4 | 33.322 |
| 22 | ⊙ | 14.2 | 15.0 | 7.6 | 78 | 45 | — | N | 9.8 | 16.89 | 17.7 | 15.8 | 33.473 |
| 23 | ○ | 12.5 | 17.1 | 6.5 | 89 | 47 | — | N | 13.9 | 17.32 | 18.8 | 17.0 | 33.427 |
| 24 | ○ | 10.9 | 18.5 | 4.4 | 88 | 35 | — | S | 7.0 | 16.90 | 18.1 | 15.7 | 33.606 |
| 25 | ⊙ | 16.4 | 20.2 | 9.5 | 94 | 57 | 2.0 | ENE | 4.4 | 17.43 | 18.6 | 15.9 | 33.805 |
| 26 | ● | 16.5 | 20.6 | 13.9 | 98 | 78 | 2.0 | NNW | 4.1 | 17.21 | 18.2 | 16.7 | 33.948 |
| 27 | ☉ | 15.8 | 19.9 | 10.2 | 98 | 66 | 3.0 | NE | 5.5 | 18.69 | 20.0 | 18.4 | 33.918 |
| 28 | ☉ | 16.8 | 19.6 | 13.6 | 97 | 75 | 1.0 | NNW | 5.5 | 19.53 | 20.1 | 19.1 | 34.045 |
| 29 | ☉ | 16.7 | 18.8 | 14.4 | 97 | 72 | 4.5 | N | 6.7 | 19.45 | 19.7 | 19.2 | 34.135 |
| 30 | ● | 18.6 | 20.2 | 14.5 | 98 | 78 | 27.5 | NNW | 21.2 | 18.98 | 19.7 | 18.6 | 33.627 |
| 合計 | | | | | | | 115.0 | | | | | | |
| 平均 | | 16.3 | | | | | | | 8.4 | 19.49 | | | 33.692 |
| 最高 | | 20.2 | 24.0 | | 100 | | 37.5 | NNW | 21.2 | 21.53 | 22.5 | | 34.135 |
| 最低 | | 10.9 | | 4.4 | | 35 | | SW | 3.2 | 16.89 | | 15.7 | 32.933 |

1990年 12月

| 日 | 天气 定時 | 气温 °C | | | 湿度% | | 降水量 日間 mm | 最大風速 m/s | | 水温 °C | | | 塩分S 定時 |
|----|----------|-------|------|------|-----|----|--------------|----------|------|-------|------|------|-----------|
| | | 定時 | 最高 | 最低 | 最高 | 最低 | | 風向 | 風速 | 定時 | 最高 | 最低 | |
| 1 | ☉ | 18.9 | 20.6 | 15.0 | 90 | 50 | + | NNE | 8.2 | 18.75 | 19.3 | 17.9 | 33.547 |
| 2 | ☉ | 12.6 | 15.6 | 10.0 | 79 | 45 | - | N | 11.0 | 18.01 | 18.8 | 16.6 | 33.960 |
| 3 | ○ | 10.2 | 12.4 | 8.3 | 68 | 43 | - | NNW | 12.8 | 17.55 | 18.0 | 15.7 | 34.025 |
| 4 | ⊕ | 10.8 | 15.0 | 7.4 | 83 | 45 | - | N | 8.8 | 17.19 | 17.7 | 15.1 | 33.977 |
| 5 | ○ | 9.6 | 15.9 | 4.4 | 90 | 43 | - | NNE | 6.2 | 16.71 | 16.9 | 14.4 | 33.775 |
| 6 | ○ | 10.4 | 17.7 | 4.1 | 90 | 40 | - | NNW | 4.5 | 16.62 | 17.5 | 14.6 | 33.816 |
| 7 | ○ | 10.8 | 19.2 | 4.4 | 78 | 39 | - | NNW | 4.2 | 16.80 | 17.8 | 14.8 | 33.857 |
| 8 | ○ | 9.6 | 18.6 | | 83 | 40 | - | SSE | 3.6 | 16.38 | 17.8 | 15.1 | 33.983 |
| 9 | ⊕ | 12.2 | 18.7 | 6.5 | 99 | 65 | 3.0 | E | 4.5 | 16.19 | 16.5 | 15.8 | 33.861 |
| 10 | ⊕ | 15.8 | 18.5 | 10.6 | 100 | 60 | 17.5 | NNW | 8.7 | 16.88 | 17.7 | 16.5 | 32.380 |
| 11 | ○ | 13.2 | 18.4 | 9.4 | 92 | 44 | 2.0 | NNW | 19.5 | 17.18 | 17.9 | 15.9 | 33.659 |
| 12 | ⊕ | 10.2 | 11.7 | 8.4 | 71 | 51 | + | NNW | 16.9 | 15.31 | 15.7 | 13.9 | 34.084 |
| 13 | ○ | 10.3 | 14.2 | 7.0 | 83 | 46 | + | N | 11.0 | 14.76 | 15.6 | 14.2 | 34.046 |
| 14 | ☉ | 10.8 | 14.7 | 6.7 | 93 | 66 | - | E | 4.5 | 16.31 | 16.6 | 13.6 | 34.240 |
| 15 | ○ | 13.2 | 15.9 | 9.5 | 97 | 42 | 0.5 | N | 9.5 | 16.97 | 18.0 | 15.6 | 34.416 |
| 16 | ⊕ | 10.8 | 12.2 | 8.2 | 70 | 38 | - | NNW | 13.5 | 15.88 | 16.8 | 14.6 | 34.545 |
| 17 | ○ | 8.2 | 11.1 | 4.8 | 94 | 44 | 1.0 | NNW | 9.5 | 16.20 | 16.8 | 15.2 | 34.530 |
| 18 | ☉ | 9.6 | 11.5 | 5.0 | 99 | 50 | 1.0 | NNW | 12.5 | 16.28 | 16.6 | 14.3 | 34.472 |
| 19 | ⊕ | 9.2 | 12.2 | 3.8 | 80 | 44 | + | N | 14.6 | 15.58 | 16.1 | 14.3 | 34.534 |
| 20 | ⊕ | 6.5 | 14.6 | 3.4 | 98 | 44 | 9.5 | NE | 11.5 | 16.59 | 17.2 | 13.8 | 34.554 |
| 21 | ⊕ | 12.6 | 16.5 | 4.0 | 100 | 49 | 6.5 | N | 9.5 | 15.51 | 16.4 | 15.1 | 34.546 |
| 22 | ⊕ | 11.1 | 17.8 | 7.0 | 93 | 44 | + | SW | 10.0 | 15.94 | 17.3 | 15.2 | 34.161 |
| 23 | ⊕ | 10.9 | 11.6 | 9.6 | 84 | 40 | - | N | 15.1 | 15.24 | 16.0 | 14.2 | 34.114 |
| 24 | ⊕ | 8.3 | 10.4 | 6.7 | 65 | 42 | - | N | 14.3 | 14.41 | 14.7 | 13.7 | 33.719 |
| 25 | ○ | 7.8 | 13.7 | 5.2 | 76 | 44 | - | NNW | 8.3 | 14.91 | 15.2 | 14.2 | 34.426 |
| 26 | ☉ | 11.8 | 14.2 | 4.8 | 100 | 43 | 1.0 | NNW | 18.0 | 15.13 | 15.9 | 13.8 | 34.340 |
| 27 | ☉ | 6.8 | 8.8 | 3.3 | 84 | 46 | - | NNW | 18.1 | 13.45 | 14.5 | 12.3 | 34.518 |
| 28 | ⊕ | 6.0 | 11.4 | 3.4 | 84 | 45 | - | NNW | 7.6 | 14.50 | 15.2 | 13.1 | 34.350 |
| 29 | ⊕ | 9.2 | 11.8 | 4.8 | 82 | 43 | - | N | 11.9 | 13.23 | 14.1 | 12.2 | 34.163 |
| 30 | ○ | 8.2 | 12.2 | 6.6 | 81 | 44 | - | N | 12.2 | 13.46 | 14.3 | 12.6 | 34.266 |
| 31 | ⊕ | 8.6 | 14.6 | 3.8 | 99 | 57 | 6.5 | E | 4.0 | 13.91 | 15.2 | 11.9 | 34.327 |
| 合計 | | | | | | | 48.5 | | | | | | |
| 平均 | | 10.5 | | | | | | | 10.5 | 15.87 | | | 34.103 |
| 最高 | | 18.9 | 20.6 | | 100 | | 17.5 | NNW | 19.5 | 18.75 | 19.3 | | 34.554 |
| 最低 | | 6.0 | | 3.3 | | 38 | | SSE | 3.6 | 13.23 | | 11.9 | 32.380 |