

波浪整理表（1）

2013年 1月

| 波高   |       | 波向   |       |
|------|-------|------|-------|
| 規定回数 | 372 回 | 規定回数 | 372 回 |
| 測得回数 | 372 回 | 測得回数 | 368 回 |
| 欠測回数 | 0 回   | 欠測回数 | 4 回   |
| 欠測率  | 0.0 % | 欠測率  | 1.1 % |

観測所名：直江津港(直轄) | 機種：波高 海象計 -32m 波向 海象計 -32m

| 日  | 時  | H max  | T max | H 1/10 | T 1/10 | H 1/3  | T 1/3 | H mean | T mean | 波向   |     |
|----|----|--------|-------|--------|--------|--------|-------|--------|--------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)    | (m)    | (s)   | (m)    | (s)    | 16方位 | 角度  |
| 01 | 00 | 5.19   | 7.7   | * 3.95 | 8.1    | * 3.11 | 8.1   | * 1.93 | 6.1    | NW   | 323 |
|    | 02 | 4.64   | 9.2   | 3.65   | 8.7    | 3.06   | 8.9   | 1.92   | 6.6    | NNW  | 327 |
|    | 04 | 4.64   | 8.0   | 3.45   | 9.0    | 2.69   | 8.2   | 1.74   | 6.2    | NNW  | 327 |
|    | 06 | 3.97   | 7.8   | 3.10   | 8.6    | 2.54   | 8.2   | 1.65   | 6.2    | NW   | 319 |
|    | 08 | 4.56   | 9.8   | 3.54   | 9.1    | 2.67   | 8.7   | 1.62   | 6.8    | NW   | 323 |
|    | 10 | 3.67   | 7.0   | 3.24   | 8.6    | 2.64   | 8.6   | 1.64   | 6.5    | NNW  | 327 |
|    | 12 | 4.27   | 7.1   | 3.30   | 7.0    | 2.70   | 6.9   | 1.73   | 5.5    | NW   | 323 |
|    | 14 | 4.43   | 7.8   | 3.53   | 7.2    | 2.91   | 7.3   | 1.86   | 5.6    | NNW  | 327 |
|    | 16 | * 5.65 | 7.1   | 3.57   | 7.3    | 2.74   | 6.9   | 1.73   | 5.2    | NW   | 319 |
|    | 18 | 3.64   | 6.6   | 2.80   | 6.9    | 2.24   | 6.6   | 1.42   | 5.2    | NNW  | 331 |
|    | 20 | 3.16   | 6.7   | 2.12   | 8.0    | 1.72   | 8.2   | 1.02   | 6.1    | NNW  | 327 |
|    | 22 | 2.15   | 7.7   | 1.83   | 8.5    | 1.50   | 8.4   | 0.92   | 6.5    | NNW  | 335 |
|    | 最大 | 5.65   | 7.1   | 3.95   | 8.1    | 3.11   | 8.1   | 1.93   | 6.1    |      |     |
|    | 平均 | 4.16   | 7.7   | 3.17   | 8.1    | 2.54   | 7.9   | 1.60   | 6.0    |      |     |
| 02 | 00 | 1.89   | 8.2   | 1.43   | 8.3    | 1.15   | 8.3   | 0.73   | 6.8    | NW   | 323 |
|    | 02 | 3.62   | 5.4   | 2.55   | 6.3    | 2.05   | 6.5   | 1.29   | 5.2    | W    | 274 |
|    | 04 | 2.62   | 6.9   | 2.10   | 6.7    | 1.70   | 6.8   | 1.11   | 5.2    | NW   | 307 |
|    | 06 | 3.43   | 6.7   | 2.82   | 6.9    | 2.26   | 7.0   | 1.41   | 5.3    | NW   | 307 |
|    | 08 | 4.33   | 6.4   | 2.72   | 7.3    | 2.16   | 6.9   | 1.32   | 5.3    | NW   | 307 |
|    | 10 | 2.73   | 7.1   | 2.27   | 7.7    | 1.82   | 7.5   | 1.15   | 6.1    | NW   | 307 |
|    | 12 | 2.98   | 6.6   | 2.40   | 6.8    | 1.92   | 6.7   | 1.25   | 5.6    | WNW  | 286 |
|    | 14 | 4.80   | 7.1   | 3.52   | 7.2    | 2.89   | 6.8   | 1.81   | 5.6    | WNW  | 286 |
|    | 16 | 5.08   | 8.1   | 4.07   | 7.6    | 3.29   | 7.6   | 2.01   | 5.8    | NW   | 307 |
|    | 18 | * 7.83 | 7.4   | 4.91   | 7.7    | 3.91   | 7.2   | 2.48   | 6.0    |      |     |
|    | 20 | 6.10   | 8.7   | 5.06   | 7.9    | 4.07   | 7.7   | * 2.57 | 6.2    | WNW  | 282 |
|    | 22 | 6.53   | 8.3   | * 5.12 | 7.8    | * 4.13 | 7.7   | 2.50   | 6.2    | NW   | 315 |
|    | 最大 | 7.83   | 7.4   | 5.12   | 7.8    | 4.13   | 7.7   | 2.57   | 6.2    |      |     |
|    | 平均 | 4.33   | 7.2   | 3.25   | 7.4    | 2.61   | 7.2   | 1.64   | 5.8    |      |     |
| 03 | 00 | 5.88   | 6.7   | 4.58   | 7.9    | 3.75   | 7.7   | 2.39   | 6.1    | NW   | 311 |
|    | 02 | 4.90   | 7.0   | 4.21   | 6.9    | 3.46   | 7.6   | 2.22   | 6.0    | NW   | 307 |
|    | 04 | 6.00   | 8.7   | * 4.97 | 7.5    | 3.76   | 7.6   | 2.37   | 6.4    | WNW  | 303 |
|    | 06 | 5.48   | 6.5   | 4.18   | 7.4    | 3.33   | 7.3   | 2.10   | 5.9    | NW   | 315 |
|    | 08 | * 6.76 | 9.9   | 4.75   | 8.9    | 3.74   | 8.7   | 2.28   | 6.5    | NNW  | 327 |
|    | 10 | 5.79   | 9.1   | 4.42   | 9.3    | 3.51   | 8.5   | 2.12   | 6.7    | NNW  | 327 |
|    | 12 | 4.44   | 8.6   | 3.86   | 8.6    | 3.10   | 8.1   | 1.96   | 6.2    | NW   | 315 |
|    | 14 | 5.20   | 9.8   | 3.70   | 7.7    | 2.78   | 7.6   | 1.67   | 5.9    | NNW  | 327 |
|    | 16 | 4.91   | 7.9   | 3.85   | 7.9    | 3.00   | 7.5   | 1.91   | 6.2    | NNW  | 331 |
|    | 18 | 6.72   | 8.0   | 4.02   | 8.3    | 3.21   | 8.0   | 1.99   | 6.5    | NW   | 323 |
|    | 20 | 4.67   | 6.8   | 4.20   | 7.8    | 3.39   | 8.0   | 2.15   | 6.5    | NNW  | 331 |
|    | 22 | 6.34   | 7.7   | 4.94   | 8.4    | * 4.01 | 8.4   | * 2.56 | 6.8    | NNW  | 327 |
|    | 最大 | 6.76   | 9.9   | 4.97   | 7.5    | 4.01   | 8.4   | 2.56   | 6.8    |      |     |
|    | 平均 | 5.59   | 8.1   | 4.31   | 8.1    | 3.42   | 7.9   | 2.14   | 6.3    |      |     |
| 04 | 00 | * 7.18 | 7.0   | * 5.10 | 8.6    | * 3.95 | 8.4   | 2.39   | 6.4    | NW   | 323 |
|    | 02 | 6.60   | 8.7   | 4.55   | 8.4    | 3.66   | 8.1   | 2.35   | 6.6    | NNW  | 331 |
|    | 04 | 6.60   | 10.0  | 4.76   | 8.4    | 3.83   | 7.9   | * 2.43 | 6.5    | NNW  | 327 |
|    | 06 | 6.31   | 9.8   | 4.57   | 9.5    | 3.59   | 8.4   | 2.33   | 6.8    | NW   | 319 |
|    | 08 | 4.85   | 6.7   | 3.80   | 9.1    | 3.09   | 8.2   | 1.87   | 6.0    | NNW  | 331 |
|    | 10 | 4.76   | 9.0   | 3.67   | 7.8    | 3.07   | 7.8   | 2.00   | 6.4    | NNW  | 331 |
|    | 12 | 6.50   | 7.5   | 3.76   | 7.3    | 2.91   | 7.6   | 1.87   | 5.9    | NW   | 323 |
|    | 14 | 6.03   | 7.1   | 3.98   | 8.1    | 3.19   | 7.8   | 2.06   | 6.2    | NNW  | 327 |
|    | 16 | 5.35   | 6.9   | 4.07   | 8.5    | 3.31   | 8.4   | 2.07   | 6.5    | NNW  | 331 |
|    | 18 | 4.65   | 9.3   | 3.99   | 8.4    | 3.24   | 8.0   | 2.07   | 6.7    | NNW  | 327 |
|    | 20 | 5.05   | 7.6   | 3.70   | 9.0    | 2.87   | 8.4   | 1.74   | 6.2    | NNW  | 331 |
|    | 22 | 4.35   | 8.2   | 3.35   | 8.8    | 2.72   | 8.6   | 1.71   | 6.7    | NNW  | 331 |
|    | 最大 | 7.18   | 7.0   | 5.10   | 8.6    | 3.95   | 8.4   | 2.43   | 6.5    |      |     |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 平均 | 5.69   | 8.2 | 4.11   | 8.5 | 3.29   | 8.1 | 2.07   | 6.4 |     |     |
| 05 | 00 | * 4.65 | 9.2 | * 3.58 | 9.0 | * 2.91 | 8.9 | * 1.82 | 6.9 | NW  | 323 |
|    | 02 | 4.61   | 8.9 | 3.40   | 8.8 | 2.68   | 8.7 | 1.68   | 6.9 | NNW | 331 |
|    | 04 | 3.41   | 9.8 | 3.07   | 9.2 | 2.53   | 8.8 | 1.55   | 7.0 | NNW | 331 |
|    | 06 | 3.02   | 8.9 | 2.58   | 8.7 | 2.08   | 8.5 | 1.35   | 7.2 | NNW | 335 |
|    | 08 | 2.68   | 8.1 | 2.21   | 8.4 | 1.80   | 8.5 | 1.16   | 7.2 | NNW | 344 |
|    | 10 | 2.81   | 7.5 | 2.11   | 8.0 | 1.70   | 8.1 | 1.09   | 7.2 | NNW | 335 |
|    | 12 | 2.28   | 8.0 | 1.92   | 8.2 | 1.51   | 8.2 | 0.96   | 7.1 | NNW | 327 |
|    | 14 | 2.08   | 7.3 | 1.61   | 7.8 | 1.32   | 8.0 | 0.86   | 6.8 | NW  | 319 |
|    | 16 | 1.77   | 6.5 | 1.42   | 7.1 | 1.12   | 7.3 | 0.73   | 6.4 | NNW | 340 |
|    | 18 | 2.25   | 7.3 | 1.41   | 7.7 | 1.13   | 7.5 | 0.69   | 6.2 | NNW | 327 |
|    | 20 | 1.76   | 7.3 | 1.24   | 7.3 | 0.97   | 7.5 | 0.61   | 6.5 | NW  | 319 |
|    | 22 | 1.33   | 7.1 | 0.95   | 7.4 | 0.75   | 7.4 | 0.46   | 5.8 | NNW | 348 |
|    | 最大 | 4.65   | 9.2 | 3.58   | 9.0 | 2.91   | 8.9 | 1.82   | 6.9 |     |     |
|    | 平均 | 2.72   | 8.0 | 2.13   | 8.1 | 1.71   | 8.1 | 1.08   | 6.8 |     |     |
| 06 | 00 | 1.22   | 6.8 | 0.88   | 6.9 | 0.72   | 7.0 | 0.44   | 5.8 | NNW | 331 |
|    | 02 | 3.41   | 5.3 | 2.65   | 5.4 | 2.15   | 5.4 | 1.36   | 4.7 | WNW | 282 |
|    | 04 | 4.53   | 6.0 | 3.36   | 5.8 | 2.55   | 5.8 | 1.62   | 5.2 | W   | 274 |
|    | 06 | * 4.69 | 6.2 | * 3.49 | 5.7 | * 2.70 | 5.9 | * 1.66 | 4.9 | W   | 270 |
|    | 08 | 3.62   | 5.9 | 2.77   | 5.7 | 2.28   | 5.7 | 1.44   | 4.8 | W   | 266 |
|    | 10 | 3.79   | 5.6 | 2.94   | 6.4 | 2.38   | 6.7 | 1.51   | 5.5 | NW  | 307 |
|    | 12 | 3.38   | 6.3 | 2.46   | 6.7 | 1.98   | 6.6 | 1.29   | 5.5 | NNW | 331 |
|    | 14 | 3.11   | 7.1 | 2.44   | 7.0 | 2.01   | 7.0 | 1.31   | 5.8 | NNW | 335 |
|    | 16 | 3.49   | 7.0 | 2.67   | 7.3 | 2.10   | 7.2 | 1.32   | 6.0 | NW  | 323 |
|    | 18 | 3.32   | 9.1 | 2.70   | 7.6 | 2.05   | 7.4 | 1.27   | 6.2 | NNW | 335 |
|    | 20 | 3.53   | 7.5 | 2.58   | 8.6 | 2.15   | 8.1 | 1.38   | 6.6 | NNW | 331 |
|    | 22 | 3.52   | 7.4 | 2.34   | 7.9 | 1.86   | 8.0 | 1.17   | 6.0 | NW  | 323 |
|    | 最大 | 4.69   | 6.2 | 3.49   | 5.7 | 2.70   | 5.9 | 1.66   | 4.9 |     |     |
|    | 平均 | 3.47   | 6.7 | 2.61   | 6.8 | 2.08   | 6.7 | 1.31   | 5.6 |     |     |
| 07 | 00 | * 2.76 | 7.3 | * 2.23 | 7.5 | * 1.83 | 7.7 | * 1.15 | 5.8 | NNW | 331 |
|    | 02 | 2.50   | 7.1 | 1.97   | 7.8 | 1.62   | 7.4 | 1.02   | 5.9 | NW  | 311 |
|    | 04 | 2.09   | 6.5 | 1.89   | 7.2 | 1.53   | 7.7 | 0.97   | 6.6 | NW  | 315 |
|    | 06 | 2.12   | 6.8 | 1.71   | 7.1 | 1.36   | 7.5 | 0.84   | 6.3 | NW  | 319 |
|    | 08 | 2.10   | 6.8 | 1.56   | 7.7 | 1.21   | 7.8 | 0.77   | 6.4 | NW  | 323 |
|    | 10 | 1.99   | 7.3 | 1.45   | 7.6 | 1.20   | 7.7 | 0.76   | 6.4 | NNW | 327 |
|    | 12 | 1.86   | 6.8 | 1.36   | 7.7 | 1.07   | 7.4 | 0.66   | 5.9 | NNW | 327 |
|    | 14 | 2.21   | 7.0 | 1.43   | 7.3 | 1.11   | 7.1 | 0.68   | 5.5 | NW  | 323 |
|    | 16 | 1.68   | 7.8 | 1.31   | 7.4 | 1.08   | 7.2 | 0.68   | 5.9 | NNW | 335 |
|    | 18 | 1.92   | 7.2 | 1.37   | 7.6 | 1.06   | 7.5 | 0.67   | 6.1 | N   | 352 |
|    | 20 | 1.27   | 5.4 | 1.06   | 6.7 | 0.84   | 6.9 | 0.54   | 5.6 | NNW | 331 |
|    | 22 | 1.32   | 6.5 | 1.04   | 6.8 | 0.82   | 6.9 | 0.51   | 5.7 | NW  | 323 |
|    | 最大 | 2.76   | 7.3 | 2.23   | 7.5 | 1.83   | 7.7 | 1.15   | 5.8 |     |     |
|    | 平均 | 1.99   | 6.9 | 1.53   | 7.4 | 1.23   | 7.4 | 0.77   | 6.0 |     |     |
| 08 | 00 | 1.13   | 7.2 | 0.94   | 6.8 | 0.78   | 7.0 | 0.49   | 5.6 | NW  | 307 |
|    | 02 | 1.17   | 6.8 | 0.97   | 7.0 | 0.76   | 6.9 | 0.47   | 5.4 | NW  | 311 |
|    | 04 | 3.19   | 6.3 | 2.38   | 5.6 | 2.00   | 5.6 | 1.32   | 4.9 | W   | 274 |
|    | 06 | * 4.50 | 5.3 | * 3.38 | 6.0 | * 2.61 | 6.0 | * 1.67 | 5.2 | W   | 270 |
|    | 08 | 4.38   | 5.5 | 2.65   | 6.1 | 2.06   | 6.0 | 1.27   | 4.9 | W   | 270 |
|    | 10 | 2.40   | 6.3 | 1.70   | 6.0 | 1.37   | 6.1 | 0.87   | 5.3 | NW  | 323 |
|    | 12 | 1.81   | 6.8 | 1.49   | 6.1 | 1.21   | 6.2 | 0.78   | 5.5 | NNW | 335 |
|    | 14 | 1.97   | 6.3 | 1.49   | 6.1 | 1.17   | 6.3 | 0.73   | 5.2 | NNW | 344 |
|    | 16 | 1.86   | 6.7 | 1.67   | 6.3 | 1.28   | 6.5 | 0.81   | 5.8 | NNW | 327 |
|    | 18 | 1.87   | 6.5 | 1.40   | 6.3 | 1.12   | 6.2 | 0.72   | 5.4 | NNW | 344 |
|    | 20 | 1.85   | 6.1 | 1.39   | 6.2 | 1.11   | 6.2 | 0.70   | 5.4 | NW  | 319 |
|    | 22 | 1.94   | 6.3 | 1.40   | 6.3 | 1.15   | 6.4 | 0.74   | 5.6 | NNW | 331 |
|    | 最大 | 4.50   | 5.3 | 3.38   | 6.0 | 2.61   | 6.0 | 1.67   | 5.2 |     |     |
|    | 平均 | 2.34   | 6.3 | 1.74   | 6.2 | 1.39   | 6.3 | 0.88   | 5.4 |     |     |
| 09 | 00 | 1.99   | 6.5 | 1.60   | 6.3 | 1.25   | 6.4 | 0.78   | 5.5 | NW  | 323 |
|    | 02 | 1.90   | 5.6 | 1.42   | 6.4 | 1.10   | 6.4 | 0.69   | 5.5 | NW  | 319 |
|    | 04 | 1.82   | 7.4 | 1.24   | 6.7 | 0.98   | 6.7 | 0.60   | 5.5 | NW  | 323 |
|    | 06 | 2.76   | 5.6 | 1.95   | 5.4 | 1.54   | 5.7 | 0.99   | 4.9 | NW  | 323 |
|    | 08 | * 5.58 | 5.6 | * 3.44 | 6.0 | * 2.75 | 6.0 | * 1.78 | 5.2 | W   | 270 |
|    | 10 | 4.63   | 5.4 | 3.19   | 5.8 | 2.50   | 5.8 | 1.58   | 4.8 | W   | 270 |
|    | 12 | 4.68   | 5.7 | 2.88   | 5.8 | 2.23   | 5.7 | 1.36   | 4.7 | W   | 270 |
|    | 14 | 2.44   | 5.1 | 2.01   | 6.0 | 1.67   | 6.1 | 1.11   | 5.1 | NNW | 335 |
|    | 16 | 2.52   | 5.4 | 2.04   | 6.1 | 1.57   | 6.1 | 0.98   | 5.1 | NNW | 348 |
|    | 18 | 2.24   | 5.6 | 1.72   | 6.0 | 1.39   | 6.0 | 0.91   | 5.0 | NNW | 340 |
|    | 20 | 3.19   | 5.7 | 2.09   | 6.2 | 1.66   | 6.2 | 1.05   | 5.2 | N   | 4   |
|    | 22 | 4.18   | 6.8 | 3.08   | 6.6 | 2.39   | 6.7 | 1.52   | 5.6 | NW  | 319 |

|          |          |              |              |              |              |              |              |              |              |            |     |     |
|----------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----|-----|
|          |          | 最大<br>平均     | 5.58<br>3.16 | 5.6<br>5.9   | 3.44<br>2.22 | 6.0<br>6.1   | 2.75<br>1.75 | 6.0<br>6.2   | 1.78<br>1.11 | 5.2<br>5.2 |     |     |
| 10       | 00       | 4.25         | 7.2          | 3.13         | 6.8          | 2.51         | 6.8          | 1.58         | 5.6          | NW         | 323 |     |
|          | 02       | 4.73         | 7.6          | 3.24         | 7.1          | 2.58         | 7.1          | 1.61         | 5.7          | NNW        | 327 |     |
|          | 04       | 4.41         | 7.1          | 3.26         | 7.6          | 2.64         | 7.4          | 1.64         | 6.0          | NNW        | 335 |     |
|          | 06       | * 4.83       | 8.2          | * 3.50       | 7.6          | * 2.83       | 7.7          | * 1.82       | 6.3          | NW         | 323 |     |
|          | 08       | 4.36         | 7.2          | 3.18         | 7.4          | 2.61         | 7.4          | 1.67         | 6.4          | NW         | 323 |     |
|          | 10       | 4.73         | 8.4          | 3.35         | 7.8          | 2.61         | 7.4          | 1.56         | 5.7          | NW         | 315 |     |
|          | 12       | 4.18         | 8.7          | 3.14         | 7.9          | 2.54         | 7.7          | 1.59         | 5.9          | NW         | 323 |     |
|          | 14       | 3.96         | 7.8          | 2.80         | 7.5          | 2.30         | 7.2          | 1.47         | 5.7          | NW         | 323 |     |
|          | 16       | 4.10         | 8.4          | 3.22         | 8.2          | 2.65         | 7.9          | 1.65         | 6.3          | NW         | 315 |     |
|          | 18       | 3.22         | 8.3          | 2.79         | 8.4          | 2.22         | 7.7          | 1.33         | 5.9          | NW         | 319 |     |
|          | 20       | 3.52         | 7.2          | 2.56         | 7.6          | 2.07         | 7.4          | 1.33         | 5.9          | NW         | 311 |     |
|          | 22       | 4.80         | 7.3          | 3.11         | 7.1          | 2.42         | 7.0          | 1.58         | 5.8          | NNW        | 327 |     |
|          | 最大<br>平均 | 4.83<br>4.26 | 8.2<br>7.8   | 3.50<br>3.11 | 7.6<br>7.6   | 2.83<br>2.50 | 7.7<br>7.4   | 1.82<br>1.57 | 6.3<br>5.9   |            |     |     |
|          | 11       | 00           | 4.72         | 7.8          | 3.89         | 7.1          | 2.97         | 7.1          | 1.90         | 5.9        | NNW | 327 |
|          |          | 02           | 5.10         | 7.8          | 4.28         | 8.0          | 3.39         | 8.1          | * 2.15       | 6.5        | NNW | 331 |
|          |          | 04           | 6.12         | 7.8          | * 4.31       | 8.3          | * 3.45       | 8.1          | * 2.15       | 6.5        | NW  | 323 |
|          |          | 06           | 4.99         | 7.5          | 4.00         | 7.4          | 3.21         | 7.8          | 2.04         | 6.3        | NW  | 315 |
|          |          | 08           | * 6.22       | 7.7          | 3.56         | 7.6          | 2.65         | 7.4          | 1.56         | 5.5        | NNW | 327 |
|          |          | 10           | 4.90         | 8.8          | 3.46         | 8.2          | 2.79         | 8.1          | 1.72         | 6.5        | NW  | 319 |
|          |          | 12           | 4.14         | 8.0          | 3.24         | 8.4          | 2.71         | 8.2          | 1.70         | 6.8        | NNW | 335 |
|          |          | 14           | 4.47         | 9.7          | 3.18         | 9.5          | 2.49         | 9.2          | 1.52         | 7.0        | NNW | 331 |
|          |          | 16           | 3.93         | 7.5          | 3.00         | 8.6          | 2.35         | 8.8          | 1.48         | 7.3        | NW  | 315 |
| 18       |          | 3.29         | 8.9          | 2.68         | 9.0          | 2.22         | 9.0          | 1.38         | 7.4          | NNW        | 327 |     |
| 20       |          | 3.16         | 8.2          | 2.44         | 8.5          | 1.93         | 8.6          | 1.20         | 7.2          | NW         | 323 |     |
| 22       |          | 3.21         | 8.5          | 2.29         | 7.8          | 1.74         | 8.2          | 1.07         | 7.1          | NNW        | 331 |     |
| 最大<br>平均 |          | 6.22<br>4.52 | 7.7<br>8.2   | 4.31<br>3.36 | 8.3<br>8.2   | 3.45<br>2.66 | 8.1<br>8.2   | 2.15<br>1.66 | 6.5<br>6.7   |            |     |     |
| 12       |          | 00           | 2.43         | 7.9          | 2.12         | 8.4          | 1.66         | 8.3          | 1.01         | 7.1        | NW  | 323 |
|          |          | 02           | 2.19         | 8.3          | 1.80         | 8.1          | 1.50         | 8.1          | 0.96         | 7.0        | NW  | 315 |
|          |          | 04           | 2.14         | 7.4          | 1.65         | 7.8          | 1.34         | 7.9          | 0.86         | 6.9        | NW  | 323 |
|          |          | 06           | 1.81         | 7.0          | 1.16         | 7.5          | 0.93         | 7.4          | 0.57         | 5.9        | NW  | 319 |
|          |          | 08           | 1.14         | 7.6          | 0.97         | 7.5          | 0.77         | 7.3          | 0.47         | 5.6        | NW  | 319 |
|          |          | 10           | 1.22         | 7.5          | 0.90         | 7.3          | 0.67         | 6.8          | 0.43         | 5.2        | NNW | 331 |
|          |          | 12           | 1.49         | 5.8          | 1.26         | 5.7          | 1.01         | 5.8          | 0.67         | 5.0        | NW  | 319 |
|          |          | 14           | * 4.05       | 5.3          | 2.75         | 5.5          | 2.14         | 5.5          | 1.36         | 4.9        | W   | 270 |
|          |          | 16           | 3.36         | 6.0          | 2.26         | 5.6          | 1.86         | 5.5          | 1.19         | 4.7        | W   | 274 |
|          | 18       | 3.11         | 5.5          | 2.30         | 5.7          | 1.84         | 5.5          | 1.18         | 4.6          | W          | 274 |     |
|          | 20       | 3.55         | 5.6          | 2.85         | 5.7          | 2.25         | 5.8          | 1.41         | 5.1          | W          | 270 |     |
|          | 22       | 3.72         | 6.6          | * 2.95       | 5.9          | * 2.43       | 5.9          | * 1.53       | 5.1          | W          | 278 |     |
|          | 最大<br>平均 | 4.05<br>2.52 | 5.3<br>6.7   | 2.95<br>1.91 | 5.9<br>6.7   | 2.43<br>1.53 | 5.9<br>6.7   | 1.53<br>0.97 | 5.1<br>5.6   |            |     |     |
|          | 13       | 00           | 3.93         | 6.2          | * 2.92       | 6.1          | * 2.35       | 5.9          | 1.46         | 4.9        | W   | 274 |
|          |          | 02           | 3.38         | 5.8          | 2.60         | 5.8          | 2.09         | 6.0          | 1.30         | 5.0        | W   | 274 |
|          |          | 04           | * 4.38       | 4.7          | 2.79         | 5.4          | 2.19         | 5.4          | 1.35         | 4.6        | W   | 274 |
|          |          | 06           | 3.74         | 5.4          | 2.87         | 5.8          | 2.32         | 5.7          | * 1.49       | 4.8        | W   | 266 |
|          |          | 08           | 4.27         | 4.6          | 2.63         | 5.5          | 2.13         | 5.4          | 1.39         | 4.8        | W   | 278 |
|          |          | 10           | 2.87         | 6.0          | 2.21         | 6.1          | 1.78         | 6.0          | 1.14         | 5.0        | NNW | 327 |
|          |          | 12           | 2.12         | 6.7          | 1.73         | 5.8          | 1.36         | 5.7          | 0.84         | 4.5        | NW  | 319 |
|          |          | 14           | 1.70         | 6.1          | 1.36         | 5.7          | 1.09         | 5.8          | 0.69         | 4.5        | NW  | 307 |
|          |          | 16           | 1.84         | 6.4          | 1.33         | 5.7          | 1.05         | 5.3          | 0.68         | 4.3        | NW  | 323 |
| 18       |          | 1.85         | 3.9          | 1.31         | 5.7          | 1.03         | 5.4          | 0.66         | 4.5          | NNW        | 327 |     |
| 20       |          | 1.42         | 5.5          | 1.23         | 5.6          | 0.99         | 5.6          | 0.62         | 4.6          | NNW        | 331 |     |
| 22       |          | 1.28         | 5.7          | 1.04         | 6.0          | 0.85         | 5.8          | 0.55         | 4.7          | WNW        | 303 |     |
| 最大<br>平均 |          | 4.38<br>2.73 | 4.7<br>5.6   | 2.92<br>2.00 | 6.1<br>5.8   | 2.35<br>1.60 | 5.9<br>5.7   | 1.49<br>1.01 | 4.8<br>4.7   |            |     |     |
| 14       |          | 00           | 1.49         | 6.0          | 1.16         | 6.1          | 0.90         | 6.2          | 0.56         | 5.0        | NW  | 319 |
|          |          | 02           | 1.43         | 6.0          | 1.08         | 6.2          | 0.87         | 6.6          | 0.55         | 5.4        | NW  | 315 |
|          |          | 04           | 1.36         | 6.3          | 1.13         | 5.8          | 0.94         | 5.6          | 0.61         | 4.7        | NW  | 319 |
|          |          | 06           | * 1.82       | 4.7          | 1.19         | 5.5          | 0.99         | 5.5          | 0.64         | 4.6        | NW  | 323 |
|          |          | 08           | 1.61         | 7.0          | 1.24         | 6.2          | 0.98         | 6.1          | 0.62         | 4.9        | NNW | 331 |
|          |          | 10           | 1.66         | 6.6          | * 1.32       | 6.4          | * 1.03       | 6.4          | * 0.67       | 5.3        | NW  | 315 |
|          |          | 12           | 1.46         | 6.2          | 1.15         | 5.9          | 0.93         | 6.2          | 0.60         | 5.0        | NNW | 327 |
|          |          | 14           | 1.67         | 6.4          | 1.11         | 6.2          | 0.89         | 6.1          | 0.56         | 4.9        | NW  | 323 |

|    |    |        |        |        |        |        |        |        |        |     |     |     |
|----|----|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|
|    | 16 | 1.21   | 5.6    | 1.05   | 5.6    | 0.86   | 5.7    | 0.57   | 4.8    | NNW | 327 |     |
|    | 18 | 1.26   | 5.0    | 1.04   | 5.7    | 0.82   | 5.5    | 0.54   | 4.6    | NNW | 340 |     |
|    | 20 | 1.22   | 4.4    | 0.94   | 5.4    | 0.74   | 5.3    | 0.48   | 4.5    | NW  | 319 |     |
|    | 22 | 1.21   | 4.3    | 1.00   | 4.8    | 0.80   | 4.6    | 0.51   | 3.7    | NNW | 327 |     |
|    | 最大 | 1.82   | 4.7    | 1.32   | 6.4    | 1.03   | 6.4    | 0.67   | 5.3    |     |     |     |
|    | 平均 | 1.45   | 5.7    | 1.12   | 5.8    | 0.90   | 5.8    | 0.58   | 4.8    |     |     |     |
| 15 | 00 | 3.03   | 4.5    | 2.00   | 4.5    | 1.54   | 4.7    | 0.99   | 4.2    | NNW | 331 |     |
|    | 02 | 4.51   | 5.8    | 3.41   | 6.4    | 2.66   | 6.2    | 1.68   | 5.3    | NNW | 331 |     |
|    | 04 | 4.39   | 8.7    | 3.89   | 7.2    | 3.20   | 7.4    | 2.13   | 6.3    | NNW | 331 |     |
|    | 06 | * 5.51 | 7.9    | * 4.35 | 7.9    | * 3.52 | 8.2    | * 2.30 | 6.9    | NNW | 344 |     |
|    | 08 | 5.04   | 7.2    | 4.17   | 7.4    | 3.29   | 7.3    | 2.08   | 6.0    | NNW | 331 |     |
|    | 10 | 4.66   | 7.2    | 3.65   | 7.4    | 2.91   | 7.0    | 1.82   | 5.7    | NNW | 340 |     |
|    | 12 | 4.83   | 7.8    | 3.36   | 7.7    | 2.66   | 7.6    | 1.70   | 6.1    | NW  | 323 |     |
|    | 14 | 3.68   | 7.3    | 2.89   | 7.5    | 2.35   | 7.5    | 1.49   | 5.8    | NNW | 335 |     |
|    | 16 | 3.27   | 6.7    | 2.67   | 7.4    | 2.15   | 7.3    | 1.34   | 5.5    | NNW | 348 |     |
|    | 18 | 3.65   | 7.7    | 2.70   | 7.7    | 2.17   | 7.5    | 1.34   | 5.6    | NNW | 331 |     |
|    | 20 | 3.18   | 7.6    | 2.63   | 7.4    | 2.16   | 7.1    | 1.42   | 5.8    | NNW | 348 |     |
|    | 22 | 3.52   | 8.1    | 2.59   | 7.6    | 2.08   | 7.4    | 1.34   | 5.5    | NNW | 340 |     |
|    | 最大 | 5.51   | 7.9    | 4.35   | 7.9    | 3.52   | 8.2    | 2.30   | 6.9    |     |     |     |
|    | 平均 | 4.11   | 7.2    | 3.19   | 7.2    | 2.56   | 7.1    | 1.64   | 5.7    |     |     |     |
|    | 16 | 00     | * 3.10 | 6.3    | * 2.51 | 7.6    | * 2.02 | 7.2    | * 1.26 | 5.4 | NW  | 323 |
|    |    | 02     | 3.08   | 7.4    | 2.13   | 7.3    | 1.72   | 6.7    | 1.10   | 5.0 | NW  | 323 |
| 04 |    | 2.80   | 9.0    | 2.18   | 7.6    | 1.79   | 7.3    | 1.13   | 5.5    | NNW | 335 |     |
| 06 |    | 2.45   | 8.0    | 1.99   | 7.3    | 1.63   | 6.8    | 1.03   | 5.2    | NW  | 323 |     |
| 08 |    | 2.16   | 7.3    | 1.72   | 7.1    | 1.42   | 6.9    | 0.91   | 5.3    | NNW | 331 |     |
| 10 |    | 1.83   | 8.4    | 1.61   | 7.2    | 1.28   | 7.1    | 0.79   | 5.5    | NNW | 348 |     |
| 12 |    | 1.86   | 6.7    | 1.59   | 7.7    | 1.27   | 7.6    | 0.79   | 6.0    | NW  | 315 |     |
| 14 |    | 1.81   | 6.2    | 1.40   | 7.1    | 1.12   | 7.2    | 0.70   | 5.6    | NW  | 319 |     |
| 16 |    | 1.83   | 6.9    | 1.28   | 7.4    | 1.03   | 7.2    | 0.65   | 5.8    | NW  | 323 |     |
| 18 |    | 1.65   | 7.0    | 1.25   | 7.2    | 0.96   | 7.2    | 0.60   | 5.9    | NNW | 344 |     |
| 20 |    | 1.30   | 7.4    | 0.98   | 6.8    | 0.76   | 6.6    | 0.47   | 5.4    | NNW | 327 |     |
| 22 |    | 1.45   | 6.4    | 1.04   | 6.7    | 0.81   | 6.5    | 0.51   | 5.9    | NNW | 344 |     |
| 最大 |    | 3.10   | 6.3    | 2.51   | 7.6    | 2.02   | 7.2    | 1.26   | 5.4    |     |     |     |
| 平均 |    | 2.11   | 7.3    | 1.64   | 7.3    | 1.32   | 7.0    | 0.83   | 5.5    |     |     |     |
| 17 |    | 00     | 2.64   | 6.0    | 1.96   | 5.6    | 1.60   | 5.5    | 1.04   | 4.5 |     |     |
|    |    | 02     | 2.70   | 5.2    | 1.95   | 5.0    | 1.54   | 5.0    | 0.98   | 4.4 | NW  | 323 |
|    | 04 | 3.28   | 5.6    | 1.99   | 5.5    | 1.60   | 5.4    | 1.02   | 4.7    | NW  | 315 |     |
|    | 06 | 2.65   | 5.9    | 2.05   | 5.9    | 1.63   | 5.7    | 1.04   | 4.8    | N   | 0   |     |
|    | 08 | 2.17   | 5.1    | 1.79   | 6.1    | 1.50   | 6.0    | 0.96   | 4.9    | NNW | 327 |     |
|    | 10 | 2.76   | 5.8    | 2.03   | 5.6    | 1.58   | 5.7    | 1.01   | 4.8    | NNW | 327 |     |
|    | 12 | 2.37   | 6.1    | 1.83   | 5.6    | 1.47   | 5.6    | 0.93   | 4.5    | NNW | 340 |     |
|    | 14 | 2.99   | 5.5    | 2.28   | 5.7    | 1.83   | 5.7    | 1.12   | 4.8    | NNW | 331 |     |
|    | 16 | * 3.28 | 7.1    | 2.53   | 6.5    | 2.08   | 6.5    | * 1.35 | 5.5    | NNW | 340 |     |
|    | 18 | 3.10   | 6.3    | * 2.64 | 6.3    | * 2.12 | 6.2    | 1.34   | 5.3    | NNW | 331 |     |
|    | 20 | 3.05   | 6.5    | 2.29   | 6.3    | 1.81   | 6.0    | 1.14   | 5.0    | NNW | 327 |     |
|    | 22 | 2.77   | 5.0    | 2.21   | 5.9    | 1.71   | 5.9    | 1.05   | 4.8    | NNW | 340 |     |
|    | 最大 | 3.28   | 7.1    | 2.64   | 6.3    | 2.12   | 6.2    | 1.35   | 5.5    |     |     |     |
|    | 平均 | 2.81   | 5.8    | 2.13   | 5.8    | 1.71   | 5.8    | 1.08   | 4.8    |     |     |     |
|    | 18 | 00     | 2.60   | 4.0    | 2.03   | 6.0    | 1.65   | 5.7    | 1.02   | 4.5 | NNW | 331 |
|    |    | 02     | 2.84   | 4.7    | 2.56   | 5.8    | 2.10   | 6.0    | 1.34   | 5.0 | NW  | 311 |
| 04 |    | 4.59   | 6.4    | 3.34   | 6.5    | 2.61   | 6.3    | 1.65   | 5.3    | NW  | 311 |     |
| 06 |    | 5.10   | 6.2    | 3.36   | 6.4    | 2.67   | 6.7    | 1.67   | 5.3    | NNW | 331 |     |
| 08 |    | 4.11   | 7.4    | 3.37   | 7.2    | 2.83   | 7.1    | 1.89   | 5.9    | NW  | 315 |     |
| 10 |    | 4.47   | 7.8    | 3.53   | 6.9    | 2.86   | 6.7    | 1.78   | 5.4    | NNW | 327 |     |
| 12 |    | 5.23   | 7.5    | 3.88   | 6.9    | 3.17   | 6.9    | 1.99   | 5.6    | NNW | 327 |     |
| 14 |    | 5.55   | 5.9    | 4.29   | 7.2    | 3.32   | 7.3    | 2.10   | 5.8    | NW  | 307 |     |
| 16 |    | * 6.68 | 7.5    | 4.43   | 7.7    | 3.57   | 7.4    | 2.30   | 6.2    | NW  | 323 |     |
| 18 |    | 6.37   | 6.1    | * 4.55 | 7.5    | 3.58   | 7.7    | 2.23   | 6.0    | NW  | 323 |     |
| 20 |    | 5.72   | 7.9    | 4.49   | 8.2    | 3.42   | 7.9    | 2.08   | 6.0    | NNW | 327 |     |
| 22 |    | 5.36   | 8.6    | 4.47   | 7.9    | * 3.72 | 7.9    | * 2.33 | 6.3    | NNW | 327 |     |
| 最大 |    | 6.68   | 7.5    | 4.55   | 7.5    | 3.72   | 7.9    | 2.33   | 6.3    |     |     |     |
| 平均 |    | 4.89   | 6.7    | 3.69   | 7.0    | 2.96   | 7.0    | 1.87   | 5.6    |     |     |     |
| 19 |    | 00     | * 6.06 | 9.2    | * 4.72 | 7.9    | * 3.71 | 7.5    | * 2.40 | 6.1 | NNW | 340 |
|    |    | 02     | 5.82   | 8.3    | 4.19   | 8.1    | 3.27   | 7.7    | 2.04   | 6.0 | NW  | 311 |
|    | 04 | 4.65   | 9.5    | 3.86   | 8.6    | 2.99   | 8.1    | 1.90   | 6.2    | NW  | 319 |     |
|    | 06 | 4.87   | 8.4    | 3.50   | 8.0    | 2.68   | 8.0    | 1.73   | 6.2    | NW  | 323 |     |
|    | 08 | 3.89   | 7.2    | 3.07   | 8.5    | 2.54   | 7.9    | 1.55   | 5.9    | NW  | 323 |     |
|    | 10 | 3.43   | 8.4    | 2.88   | 8.7    | 2.31   | 8.3    | 1.46   | 6.4    | NW  | 315 |     |

|    |        |        |        |        |        |        |        |        |     |     |     |
|----|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|
|    | 12     | 3.12   | 8.9    | 2.72   | 8.8    | 2.17   | 8.4    | 1.40   | 6.3 | NW  | 323 |
|    | 14     | 3.15   | 6.5    | 2.54   | 7.8    | 1.95   | 7.7    | 1.22   | 6.1 | NW  | 323 |
|    | 16     | 2.75   | 5.9    | 2.09   | 7.0    | 1.66   | 6.6    | 1.08   | 5.2 | NNW | 344 |
|    | 18     | 2.74   | 8.2    | 2.28   | 7.7    | 1.78   | 7.3    | 1.05   | 5.4 | NNW | 335 |
|    | 20     | 2.76   | 7.6    | 2.10   | 7.4    | 1.68   | 7.0    | 1.05   | 5.3 | NW  | 315 |
|    | 22     | 2.89   | 7.6    | 2.17   | 7.2    | 1.74   | 7.0    | 1.09   | 5.5 | NNW | 335 |
|    |        |        |        |        |        |        |        |        |     |     |     |
|    | 最大     | 6.06   | 9.2    | 4.72   | 7.9    | 3.71   | 7.5    | 2.40   | 6.1 |     |     |
|    | 平均     | 3.84   | 8.0    | 3.01   | 8.0    | 2.37   | 7.6    | 1.50   | 5.9 |     |     |
|    |        |        |        |        |        |        |        |        |     |     |     |
| 20 | 00     | 2.90   | 7.1    | 2.16   | 6.7    | 1.75   | 6.6    | 1.11   | 5.3 | NW  | 323 |
|    | 02     | 3.38   | 4.9    | 2.84   | 5.9    | 2.27   | 6.0    | 1.43   | 5.0 | NNW | 327 |
|    | 04     | 3.55   | 6.7    | 2.90   | 6.2    | 2.34   | 6.1    | 1.47   | 5.0 | NNW | 331 |
|    | 06     | * 3.92 | 5.6    | * 3.05 | 5.9    | * 2.42 | 6.1    | * 1.49 | 4.9 | NW  | 323 |
|    | 08     | 3.49   | 6.2    | 2.65   | 5.9    | 2.13   | 5.9    | 1.38   | 5.0 | NNW | 327 |
|    | 10     | 3.20   | 5.6    | 2.56   | 5.8    | 2.07   | 6.0    | 1.31   | 4.8 | NW  | 323 |
|    |        |        |        |        |        |        |        |        |     |     |     |
|    | 12     | 3.69   | 6.5    | 2.65   | 6.1    | 2.12   | 5.9    | 1.31   | 4.7 | NW  | 323 |
|    | 14     | 3.20   | 9.1    | 2.59   | 6.4    | 2.04   | 6.3    | 1.31   | 4.9 | NW  | 311 |
|    | 16     | 3.35   | 5.5    | 2.28   | 6.2    | 1.82   | 6.0    | 1.17   | 4.9 | NW  | 311 |
| 18 | 2.91   | 6.3    | 2.05   | 6.3    | 1.67   | 6.3    | 1.07   | 4.9    | NW  | 323 |     |
| 20 | 2.64   | 6.7    | 2.02   | 6.5    | 1.59   | 6.2    | 0.99   | 4.8    | NW  | 323 |     |
| 22 | 1.97   | 5.6    | 1.63   | 6.2    | 1.35   | 6.1    | 0.85   | 4.7    | NNW | 327 |     |
|    |        |        |        |        |        |        |        |        |     |     |     |
| 最大 | 3.92   | 5.6    | 3.05   | 5.9    | 2.42   | 6.1    | 1.49   | 4.9    |     |     |     |
| 平均 | 3.18   | 6.3    | 2.45   | 6.2    | 1.96   | 6.1    | 1.24   | 4.9    |     |     |     |
|    |        |        |        |        |        |        |        |        |     |     |     |
| 21 | 00     | 1.93   | 6.2    | 1.50   | 7.3    | 1.21   | 6.8    | * 0.78 | 5.3 | NW  | 319 |
|    | 02     | 1.73   | 7.6    | 1.44   | 6.8    | 1.15   | 7.1    | 0.73   | 5.7 | NNW | 331 |
|    | 04     | 1.69   | 6.6    | 1.44   | 7.7    | 1.15   | 7.4    | 0.73   | 6.0 | NNW | 327 |
|    | 06     | 1.98   | 7.0    | * 1.58 | 7.4    | * 1.25 | 7.4    | 0.74   | 5.9 | NW  | 315 |
|    | 08     | * 2.24 | 7.4    | 1.45   | 7.5    | 1.09   | 7.2    | 0.67   | 6.2 | NNW | 335 |
|    | 10     | 1.55   | 7.6    | 1.36   | 7.6    | 1.10   | 7.4    | 0.72   | 6.7 | NW  | 323 |
|    |        |        |        |        |        |        |        |        |     |     |     |
|    | 12     | 1.87   | 7.2    | 1.43   | 7.4    | 1.10   | 7.4    | 0.69   | 6.5 | NNW | 331 |
|    | 14     | 1.73   | 7.0    | 1.28   | 7.3    | 1.03   | 7.3    | 0.65   | 5.6 | NW  | 319 |
|    | 16     | 1.34   | 7.4    | 1.08   | 7.2    | 0.88   | 7.3    | 0.56   | 5.8 | NW  | 315 |
| 18 | 1.24   | 7.2    | 1.11   | 7.2    | 0.88   | 7.4    | 0.55   | 6.2    | NNW | 327 |     |
| 20 | 1.72   | 7.9    | 1.10   | 7.3    | 0.83   | 7.1    | 0.52   | 5.6    | NW  | 323 |     |
| 22 | 1.21   | 7.0    | 1.00   | 7.1    | 0.82   | 7.0    | 0.52   | 5.7    | NNW | 335 |     |
|    |        |        |        |        |        |        |        |        |     |     |     |
| 最大 | 2.24   | 7.4    | 1.58   | 7.4    | 1.25   | 7.4    | 0.78   | 5.3    |     |     |     |
| 平均 | 1.69   | 7.2    | 1.31   | 7.3    | 1.04   | 7.2    | 0.66   | 5.9    |     |     |     |
|    |        |        |        |        |        |        |        |        |     |     |     |
| 22 | 00     | 1.16   | 7.7    | 0.96   | 7.0    | 0.75   | 6.7    | 0.47   | 5.6 | NNW | 335 |
|    | 02     | 0.85   | 7.5    | 0.74   | 6.7    | 0.62   | 6.5    | 0.40   | 5.3 | NNW | 335 |
|    | 04     | 1.16   | 5.8    | 0.86   | 6.9    | 0.67   | 6.2    | 0.42   | 4.8 | NNW | 331 |
|    | 06     | 1.47   | 7.3    | 1.12   | 5.6    | 0.86   | 5.2    | 0.54   | 4.3 | NNW | 335 |
|    | 08     | 1.16   | 6.8    | 0.83   | 4.9    | 0.68   | 4.8    | 0.44   | 4.1 | NNW | 327 |
|    | 10     | 1.14   | 4.2    | 0.81   | 5.0    | 0.66   | 5.2    | 0.44   | 4.4 | NNW | 335 |
|    |        |        |        |        |        |        |        |        |     |     |     |
|    | 12     | 1.21   | 4.0    | 0.86   | 4.6    | 0.67   | 4.9    | 0.42   | 4.1 | NNE | 16  |
|    | 14     | 0.96   | 5.7    | 0.73   | 5.1    | 0.57   | 5.2    | 0.37   | 4.3 | NNW | 340 |
|    | 16     | 1.00   | 4.4    | 0.76   | 4.9    | 0.60   | 5.1    | 0.39   | 4.2 | NW  | 323 |
| 18 | 1.54   | 4.4    | 1.09   | 4.6    | 0.88   | 4.6    | 0.57   | 3.9    | NW  | 319 |     |
| 20 | 2.36   | 5.8    | 1.87   | 5.5    | 1.49   | 5.4    | 0.93   | 4.5    | NNW | 344 |     |
| 22 | * 2.39 | 4.9    | * 1.88 | 5.6    | * 1.49 | 5.6    | * 0.95 | 4.8    | NW  | 315 |     |
|    |        |        |        |        |        |        |        |        |     |     |     |
| 最大 | 2.39   | 4.9    | 1.88   | 5.6    | 1.49   | 5.6    | 0.95   | 4.8    |     |     |     |
| 平均 | 1.37   | 5.7    | 1.04   | 5.5    | 0.83   | 5.5    | 0.53   | 4.5    |     |     |     |
|    |        |        |        |        |        |        |        |        |     |     |     |
| 23 | 00     | * 2.46 | 6.2    | * 2.05 | 5.4    | * 1.65 | 5.5    | * 1.08 | 4.8 | NNW | 327 |
|    | 02     | 2.21   | 6.2    | 1.78   | 6.2    | 1.41   | 6.2    | 0.90   | 5.1 | NNW | 340 |
|    | 04     | 1.80   | 5.2    | 1.49   | 5.7    | 1.21   | 5.9    | 0.78   | 5.1 | NNW | 327 |
|    | 06     | 1.72   | 5.7    | 1.40   | 6.0    | 1.11   | 6.1    | 0.69   | 5.3 | NNW | 327 |
|    | 08     | 1.51   | 6.3    | 1.14   | 6.1    | 0.92   | 5.8    | 0.59   | 5.1 | NNW | 335 |
|    | 10     | 1.53   | 6.6    | 1.17   | 6.1    | 0.91   | 6.1    | 0.56   | 5.2 | NW  | 323 |
|    |        |        |        |        |        |        |        |        |     |     |     |
|    | 12     | 1.30   | 5.8    | 1.06   | 6.1    | 0.83   | 6.0    | 0.51   | 5.2 | NNW | 331 |
|    | 14     | 1.35   | 6.0    | 1.05   | 5.6    | 0.84   | 5.3    | 0.52   | 4.3 | NNW | 335 |
|    | 16     | 1.12   | 4.8    | 0.91   | 5.3    | 0.75   | 5.4    | 0.47   | 4.3 | NNW | 344 |
| 18 | 1.19   | 6.0    | 0.94   | 5.6    | 0.72   | 5.6    | 0.45   | 4.5    | NW  | 311 |     |
| 20 | 1.44   | 5.3    | 1.01   | 5.5    | 0.78   | 5.4    | 0.50   | 4.5    | NNW | 331 |     |
| 22 | 1.20   | 6.9    | 0.96   | 5.9    | 0.81   | 5.7    | 0.53   | 4.8    | NNW | 327 |     |
|    |        |        |        |        |        |        |        |        |     |     |     |
| 最大 | 2.46   | 6.2    | 2.05   | 5.4    | 1.65   | 5.5    | 1.08   | 4.8    |     |     |     |
| 平均 | 1.57   | 5.9    | 1.25   | 5.8    | 1.00   | 5.8    | 0.63   | 4.9    |     |     |     |
|    |        |        |        |        |        |        |        |        |     |     |     |
| 24 | 00     | 1.06   | 5.8    | 0.83   | 6.0    | 0.66   | 5.6    | 0.44   | 4.9 | NNW | 348 |
|    | 02     | 1.71   | 5.2    | 0.87   | 5.8    | 0.68   | 5.6    | 0.44   | 4.8 | NNW | 335 |

|    |    |        |      |        |      |        |      |        |     |     |     |
|----|----|--------|------|--------|------|--------|------|--------|-----|-----|-----|
|    | 04 | 0.93   | 5.2  | 0.74   | 5.6  | 0.59   | 5.6  | 0.38   | 4.8 | NNW | 331 |
|    | 06 | 0.83   | 5.3  | 0.61   | 5.3  | 0.50   | 4.9  | 0.33   | 3.9 | NNW | 335 |
|    | 08 | 1.95   | 5.2  | 1.34   | 4.9  | 1.06   | 5.0  | 0.67   | 4.4 | W   | 270 |
|    | 10 | 1.08   | 4.9  | 0.87   | 4.5  | 0.70   | 4.7  | 0.46   | 4.3 | W   | 266 |
|    |    |        |      |        |      |        |      |        |     |     |     |
|    | 12 | 1.63   | 3.7  | 1.16   | 4.6  | 0.95   | 4.7  | 0.63   | 4.3 | W   | 270 |
|    | 14 | 1.47   | 4.6  | 1.18   | 4.9  | 0.96   | 4.9  | 0.64   | 4.5 | W   | 274 |
|    | 16 | 1.26   | 4.6  | 0.90   | 5.0  | 0.71   | 4.8  | 0.45   | 4.5 | W   | 274 |
|    | 18 | * 3.25 | 5.4  | * 2.42 | 5.7  | * 1.93 | 5.6  | * 1.24 | 4.6 | W   | 278 |
|    | 20 | 3.12   | 6.2  | 2.28   | 6.1  | 1.78   | 6.3  | 1.11   | 5.1 | W   | 270 |
|    | 22 | 2.58   | 5.7  | 1.93   | 5.8  | 1.56   | 5.8  | 0.97   | 4.9 | W   | 270 |
|    |    |        |      |        |      |        |      |        |     |     |     |
|    | 最大 | 3.25   | 5.4  | 2.42   | 5.7  | 1.93   | 5.6  | 1.24   | 4.6 |     |     |
|    | 平均 | 1.74   | 5.2  | 1.26   | 5.4  | 1.01   | 5.3  | 0.65   | 4.6 |     |     |
| 25 | 00 | 2.66   | 5.3  | 2.04   | 5.9  | 1.69   | 5.8  | 1.10   | 4.9 | W   | 270 |
|    | 02 | 2.77   | 5.8  | 2.27   | 6.2  | 1.74   | 6.1  | 1.12   | 5.6 | W   | 270 |
|    | 04 | 4.26   | 5.9  | 3.19   | 6.1  | 2.53   | 6.1  | 1.58   | 5.4 | WNW | 282 |
|    | 06 | 3.84   | 5.9  | 3.25   | 6.5  | 2.60   | 6.5  | 1.63   | 5.3 |     |     |
|    | 08 | 6.48   | 6.6  | 4.87   | 7.3  | 3.88   | 7.2  | 2.36   | 5.9 | WNW | 290 |
|    | 10 | 7.37   | 7.6  | * 5.73 | 8.2  | 4.50   | 8.2  | 2.78   | 6.5 | NW  | 307 |
|    |    |        |      |        |      |        |      |        |     |     |     |
|    | 12 | * 8.02 | 8.1  | 5.67   | 8.8  | 4.49   | 9.0  | 2.71   | 6.8 | NW  | 319 |
|    | 14 | 6.59   | 10.2 | 5.15   | 8.4  | 4.22   | 8.3  | 2.57   | 6.2 | NW  | 307 |
|    | 16 | 7.45   | 8.4  | 5.59   | 8.3  | 4.47   | 8.4  | 2.70   | 6.5 | NW  | 311 |
|    | 18 | 6.98   | 9.8  | 5.50   | 9.4  | * 4.65 | 9.2  | * 3.05 | 7.5 | NW  | 323 |
|    | 20 | 6.83   | 8.6  | 5.70   | 9.1  | 4.56   | 9.2  | 2.84   | 7.0 | NW  | 323 |
|    | 22 | 7.61   | 9.6  | 5.68   | 8.9  | 4.64   | 9.0  | 3.02   | 7.4 |     |     |
|    |    |        |      |        |      |        |      |        |     |     |     |
|    | 最大 | 8.02   | 8.1  | 5.73   | 8.2  | 4.65   | 9.2  | 3.05   | 7.5 |     |     |
|    | 平均 | 5.91   | 7.7  | 4.55   | 7.8  | 3.66   | 7.8  | 2.29   | 6.3 |     |     |
| 26 | 00 | 7.51   | 11.0 | 5.94   | 9.7  | 4.78   | 9.4  | 2.95   | 7.2 | NW  | 319 |
|    | 02 | 7.48   | 9.7  | 5.92   | 10.1 | 4.85   | 9.8  | 3.06   | 7.6 | NW  | 323 |
|    | 04 | 7.54   | 11.0 | 6.10   | 10.5 | 4.76   | 9.5  | 2.80   | 6.8 | NNW | 327 |
|    | 06 | * 9.66 | 10.1 | 7.02   | 10.6 | 5.27   | 10.2 | 3.19   | 7.6 | NNW | 331 |
|    | 08 | 6.93   | 10.3 | 6.19   | 9.8  | 5.20   | 9.7  | 3.46   | 8.0 | NW  | 315 |
|    | 10 | 8.94   | 8.9  | * 7.18 | 9.8  | * 5.72 | 9.7  | * 3.65 | 7.8 | NNW | 327 |
|    |    |        |      |        |      |        |      |        |     |     |     |
|    | 12 | 7.07   | 8.3  | 5.75   | 9.5  | 4.70   | 9.3  | 3.04   | 7.6 | NNW | 327 |
|    | 14 | 7.73   | 7.6  | 6.01   | 8.7  | 4.70   | 8.7  | 2.88   | 6.7 | NW  | 315 |
|    | 16 | 8.77   | 10.4 | 6.80   | 9.6  | 5.14   | 9.0  | 3.13   | 7.1 | NW  | 319 |
|    | 18 | 7.05   | 11.0 | 6.23   | 10.1 | 5.13   | 9.8  | 3.26   | 7.5 | NW  | 319 |
|    | 20 | 6.70   | 9.8  | 5.76   | 9.5  | 4.61   | 8.9  | 2.91   | 6.7 | NW  | 315 |
|    | 22 | 7.07   | 7.5  | 4.88   | 8.0  | 3.86   | 7.9  | 2.52   | 6.4 | NW  | 307 |
|    |    |        |      |        |      |        |      |        |     |     |     |
|    | 最大 | 9.66   | 10.1 | 7.18   | 9.8  | 5.72   | 9.7  | 3.65   | 7.8 |     |     |
|    | 平均 | 7.70   | 9.6  | 6.15   | 9.7  | 4.89   | 9.3  | 3.07   | 7.3 |     |     |
| 27 | 00 | * 7.06 | 8.7  | * 5.33 | 8.5  | * 4.21 | 8.4  | * 2.58 | 6.6 | NW  | 323 |
|    | 02 | 6.25   | 9.7  | 5.13   | 9.0  | 4.06   | 9.1  | 2.51   | 6.9 | NW  | 323 |
|    | 04 | 6.64   | 10.2 | 5.13   | 10.2 | 3.98   | 9.9  | 2.46   | 7.2 | NNW | 340 |
|    | 06 | 5.42   | 9.9  | 4.29   | 9.8  | 3.44   | 9.0  | 2.13   | 6.8 | NNW | 335 |
|    | 08 | 5.97   | 9.4  | 4.21   | 10.9 | 3.41   | 10.4 | 2.28   | 7.3 | NNW | 344 |
|    | 10 | 6.08   | 11.0 | 4.34   | 11.8 | 3.47   | 11.1 | 2.18   | 7.9 | NNW | 340 |
|    |    |        |      |        |      |        |      |        |     |     |     |
|    | 12 | 4.99   | 10.6 | 3.80   | 9.6  | 2.96   | 9.1  | 1.82   | 6.5 | NNW | 340 |
|    | 14 | 5.25   | 9.6  | 3.23   | 10.4 | 2.71   | 9.6  | 1.71   | 6.9 | NNW | 340 |
|    | 16 | 3.78   | 11.1 | 3.07   | 9.8  | 2.48   | 9.3  | 1.53   | 6.8 | NNW | 340 |
|    | 18 | 3.15   | 12.5 | 2.72   | 9.5  | 2.18   | 9.3  | 1.33   | 6.8 | NNW | 340 |
|    | 20 | 3.84   | 9.3  | 2.87   | 10.0 | 2.29   | 10.0 | 1.46   | 8.0 | N   | 352 |
|    | 22 | 2.97   | 8.9  | 2.58   | 10.5 | 2.08   | 9.9  | 1.33   | 8.0 | NNW | 340 |
|    |    |        |      |        |      |        |      |        |     |     |     |
|    | 最大 | 7.06   | 8.7  | 5.33   | 8.5  | 4.21   | 8.4  | 2.58   | 6.6 |     |     |
|    | 平均 | 5.12   | 10.1 | 3.89   | 10.0 | 3.11   | 9.6  | 1.94   | 7.1 |     |     |
| 28 | 00 | 2.99   | 10.2 | 2.39   | 10.1 | 1.97   | 10.6 | 1.30   | 8.6 | NNW | 335 |
|    | 02 | 2.50   | 10.2 | 1.95   | 10.0 | 1.52   | 9.3  | 0.91   | 7.5 | NNW | 348 |
|    | 04 | 2.11   | 7.6  | 1.66   | 9.0  | 1.35   | 8.6  | 0.87   | 7.3 | NNW | 335 |
|    | 06 | 2.00   | 10.1 | 1.54   | 9.0  | 1.23   | 8.9  | 0.77   | 7.0 | NNW | 340 |
|    | 08 | 1.87   | 8.0  | 1.54   | 8.2  | 1.26   | 8.1  | 0.81   | 6.7 | NW  | 323 |
|    | 10 | 1.95   | 7.8  | 1.47   | 8.7  | 1.18   | 8.7  | 0.74   | 6.7 | NNW | 335 |
|    |    |        |      |        |      |        |      |        |     |     |     |
|    | 12 | 2.28   | 7.9  | 1.69   | 7.0  | 1.32   | 6.2  | 0.85   | 4.7 | NNW | 331 |
|    | 14 | 3.33   | 4.7  | 2.35   | 5.4  | 1.86   | 5.3  | 1.20   | 4.5 | WNW | 282 |
|    | 16 | 3.53   | 5.8  | 2.91   | 5.5  | 2.31   | 5.5  | 1.49   | 5.0 | W   | 270 |
|    | 18 | * 4.05 | 5.3  | * 3.00 | 6.1  | * 2.39 | 5.8  | * 1.53 | 5.0 | NNW | 327 |
|    | 20 | 3.99   | 6.9  | 2.80   | 6.6  | 2.28   | 6.5  | 1.47   | 5.3 | NNW | 335 |
|    | 22 | 3.36   | 5.7  | 2.50   | 6.2  | 2.09   | 6.4  | 1.40   | 5.4 | NW  | 319 |
|    |    |        |      |        |      |        |      |        |     |     |     |
|    | 最大 | 4.05   | 5.3  | 3.00   | 6.1  | 2.39   | 5.8  | 1.53   | 5.0 |     |     |

|     | 平均 | 2.83   | 7.5  | 2.15   | 7.7 | 1.73   | 7.5 | 1.11   | 6.1 |     |     |
|-----|----|--------|------|--------|-----|--------|-----|--------|-----|-----|-----|
| 29  | 00 | 3.42   | 6.4  | 2.50   | 6.4 | 2.01   | 6.2 | 1.25   | 4.8 | NNW | 327 |
|     | 02 | 3.71   | 5.6  | 2.43   | 5.9 | 1.98   | 5.7 | 1.26   | 4.7 | NNW | 327 |
|     | 04 | 4.03   | 6.9  | 2.90   | 6.4 | 2.35   | 6.2 | 1.49   | 5.1 | NNW | 327 |
|     | 06 | 4.29   | 5.8  | 3.13   | 6.5 | 2.41   | 6.5 | 1.49   | 5.0 | NNW | 327 |
|     | 08 | 3.94   | 6.3  | 2.98   | 7.3 | 2.35   | 7.0 | 1.41   | 5.3 | NNW | 344 |
|     | 10 | * 4.31 | 8.1  | * 3.22 | 7.4 | * 2.49 | 7.2 | * 1.52 | 5.6 | NNW | 327 |
|     | 12 | 3.16   | 6.6  | 2.36   | 7.6 | 1.98   | 7.1 | 1.29   | 5.9 | NNW | 335 |
|     | 14 | 2.98   | 8.0  | 2.35   | 7.7 | 1.85   | 7.2 | 1.14   | 5.5 | NNW | 331 |
|     | 16 | 2.96   | 7.2  | 1.83   | 7.3 | 1.47   | 7.0 | 0.91   | 5.3 | NNW | 335 |
|     | 18 | 2.02   | 7.2  | 1.73   | 7.2 | 1.39   | 6.9 | 0.86   | 5.2 | NNW | 331 |
|     | 20 | 2.29   | 6.6  | 1.82   | 7.6 | 1.39   | 7.0 | 0.88   | 6.0 | NNW | 331 |
|     | 22 | 2.06   | 6.9  | 1.62   | 7.5 | 1.25   | 7.2 | 0.79   | 6.0 | NNW | 335 |
|     | 最大 | 4.31   | 8.1  | 3.22   | 7.4 | 2.49   | 7.2 | 1.52   | 5.6 |     |     |
|     | 平均 | 3.26   | 6.8  | 2.41   | 7.1 | 1.91   | 6.8 | 1.19   | 5.4 |     |     |
| 30  | 00 | 2.31   | 4.7  | 1.79   | 5.7 | 1.44   | 5.2 | 0.90   | 4.1 | NNW | 340 |
|     | 02 | 2.56   | 5.3  | 1.96   | 5.1 | 1.53   | 5.0 | 0.97   | 4.1 | NNW | 344 |
|     | 04 | 2.65   | 7.4  | 2.00   | 5.5 | 1.59   | 5.4 | 0.97   | 4.2 | NNW | 331 |
|     | 06 | 2.59   | 5.0  | 1.89   | 5.5 | 1.53   | 5.2 | 1.00   | 4.3 | NNW | 327 |
|     | 08 | 2.50   | 6.3  | 2.11   | 5.8 | 1.70   | 5.6 | 1.07   | 4.5 | NNW | 335 |
|     | 10 | * 3.20 | 5.9  | 2.51   | 5.8 | 2.04   | 5.8 | 1.26   | 4.9 | NNW | 348 |
|     | 12 | 2.90   | 7.2  | * 2.51 | 6.4 | * 2.06 | 6.5 | * 1.32 | 5.2 | NNW | 335 |
|     | 14 | 2.58   | 5.4  | 2.18   | 6.3 | 1.81   | 6.3 | 1.13   | 5.0 | NNW | 348 |
|     | 16 | 2.85   | 6.6  | 2.33   | 6.8 | 1.89   | 6.9 | 1.20   | 5.3 | NNW | 331 |
|     | 18 | 2.45   | 5.6  | 1.95   | 6.5 | 1.58   | 6.3 | 1.02   | 5.2 | NNW | 335 |
|     | 20 | 2.02   | 5.8  | 1.65   | 6.2 | 1.35   | 6.3 | 0.85   | 4.9 | NW  | 323 |
|     | 22 | 2.11   | 6.2  | 1.51   | 6.4 | 1.19   | 6.3 | 0.74   | 5.0 | NNW | 335 |
|     | 最大 | 3.20   | 5.9  | 2.51   | 6.4 | 2.06   | 6.5 | 1.32   | 5.2 |     |     |
|     | 平均 | 2.56   | 6.0  | 2.03   | 6.0 | 1.64   | 5.9 | 1.04   | 4.7 |     |     |
| 31  | 00 | * 2.31 | 6.2  | * 1.62 | 6.7 | * 1.28 | 6.7 | * 0.79 | 5.6 | NNW | 335 |
|     | 02 | 1.85   | 6.6  | 1.45   | 7.0 | 1.13   | 7.0 | 0.70   | 5.9 | NNW | 331 |
|     | 04 | 1.83   | 7.0  | 1.28   | 6.8 | 1.01   | 6.8 | 0.66   | 6.2 | NNW | 348 |
|     | 06 | 1.45   | 6.8  | 1.19   | 6.7 | 0.96   | 6.9 | 0.62   | 6.2 | NNW | 327 |
|     | 08 | 1.30   | 6.6  | 1.03   | 6.9 | 0.84   | 6.8 | 0.55   | 6.2 | NNW | 331 |
|     | 10 | 1.48   | 6.2  | 1.12   | 6.6 | 0.88   | 6.8 | 0.55   | 5.9 | NNW | 340 |
|     | 12 | 1.08   | 6.1  | 0.83   | 6.5 | 0.69   | 6.7 | 0.45   | 5.9 | NNW | 331 |
|     | 14 | 1.40   | 6.8  | 0.98   | 7.2 | 0.79   | 7.3 | 0.50   | 5.8 | NNW | 348 |
|     | 16 | 1.17   | 7.5  | 0.96   | 8.1 | 0.78   | 8.0 | 0.50   | 6.2 | N   | 352 |
|     | 18 | 1.27   | 6.3  | 0.99   | 7.7 | 0.82   | 7.7 | 0.53   | 6.3 | NNW | 348 |
|     | 20 | 1.26   | 7.7  | 1.02   | 8.1 | 0.82   | 8.3 | 0.52   | 6.9 | NNW | 344 |
|     | 22 | 1.28   | 8.2  | 1.09   | 8.9 | 0.92   | 9.0 | 0.58   | 7.5 | NNW | 340 |
|     | 最大 | 2.31   | 6.2  | 1.62   | 6.7 | 1.28   | 6.7 | 0.79   | 5.6 |     |     |
|     | 平均 | 1.47   | 6.8  | 1.13   | 7.3 | 0.91   | 7.3 | 0.58   | 6.2 |     |     |
|     |    |        |      |        |     |        |     |        |     |     |     |
| 月最大 |    | 9.66   | 10.1 | 7.18   | 9.8 | 5.72   | 9.7 | 3.65   | 7.8 |     |     |
| 起時  |    | 2606   |      | 2610   |     | 2610   |     | 2610   |     |     |     |
| 平均  |    | 3.39   | 7.1  | 2.58   | 7.1 | 2.06   | 7.0 | 1.30   | 5.7 |     |     |

\* は日最大波高を示す

波浪整理表（1）

| 波高   |       | 波向   |       |
|------|-------|------|-------|
| 規定回数 | 336 回 | 規定回数 | 336 回 |
| 測得回数 | 336 回 | 測得回数 | 331 回 |
| 欠測回数 | 0 回   | 欠測回数 | 5 回   |
| 欠測率  | 0.0 % | 欠測率  | 1.5 % |

観測所名：直江津港(直轄) | 機種：波高 海象計 -32m 波向 海象計 -32m

| 日  | 時  | H max  | T max | H 1/10 | T 1/10 | H 1/3  | T 1/3 | H mean | T mean | 波向   |     |
|----|----|--------|-------|--------|--------|--------|-------|--------|--------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)    | (m)    | (s)   | (m)    | (s)    | 16方位 | 角度  |
| 01 | 00 | * 1.32 | 9.0   | * 1.04 | 9.2    | * 0.83 | 9.0   | * 0.50 | 7.1    | NNW  | 335 |
|    | 02 | 1.31   | 7.9   | 0.99   | 8.5    | 0.76   | 8.4   | 0.47   | 6.9    | N    | 352 |
|    | 04 | 1.18   | 8.2   | 0.89   | 8.3    | 0.73   | 8.4   | 0.47   | 7.1    | NNW  | 348 |
|    | 06 | 1.03   | 8.0   | 0.74   | 8.5    | 0.58   | 8.0   | 0.36   | 6.4    | N    | 356 |
|    | 08 | 0.78   | 8.0   | 0.67   | 8.4    | 0.55   | 8.2   | 0.34   | 6.4    | NNW  | 348 |
|    | 10 | 0.68   | 7.5   | 0.54   | 8.0    | 0.45   | 7.9   | 0.27   | 6.0    | NNW  | 344 |
|    | 12 | 0.71   | 7.9   | 0.57   | 8.1    | 0.46   | 8.2   | 0.29   | 6.6    | NNW  | 335 |
|    | 14 | 0.63   | 7.3   | 0.45   | 7.5    | 0.36   | 7.2   | 0.23   | 5.3    | NNW  | 348 |
|    | 16 | 0.65   | 7.8   | 0.42   | 7.3    | 0.32   | 6.8   | 0.20   | 4.8    | N    | 356 |
|    | 18 | 0.49   | 7.3   | 0.39   | 6.3    | 0.32   | 5.1   | 0.21   | 3.7    | NW   | 311 |
|    | 20 | 0.46   | 6.7   | 0.30   | 6.5    | 0.24   | 6.1   | 0.15   | 4.2    | NNW  | 327 |
|    | 22 | 0.38   | 7.8   | 0.27   | 6.3    | 0.21   | 5.6   | 0.13   | 3.8    | NNW  | 344 |
|    | 最大 | 1.32   | 9.0   | 1.04   | 9.2    | 0.83   | 9.0   | 0.50   | 7.1    |      |     |
|    | 平均 | 0.80   | 7.8   | 0.61   | 7.7    | 0.48   | 7.4   | 0.30   | 5.7    |      |     |
| 02 | 00 | 0.29   | 6.0   | 0.23   | 6.8    | 0.18   | 6.2   | 0.12   | 4.3    | N    | 352 |
|    | 02 | 0.43   | 2.9   | 0.35   | 3.4    | 0.28   | 3.4   | 0.19   | 2.8    | NNE  | 27  |
|    | 04 | 0.68   | 5.3   | 0.48   | 5.2    | 0.38   | 5.0   | 0.24   | 4.0    | WNW  | 282 |
|    | 06 | 1.13   | 5.9   | 0.65   | 5.9    | 0.52   | 5.9   | 0.32   | 5.0    | W    | 274 |
|    | 08 | 2.35   | 6.1   | 1.65   | 6.1    | 1.29   | 6.1   | 0.84   | 5.1    | W    | 274 |
|    | 10 | 2.62   | 4.6   | 1.76   | 5.3    | 1.45   | 5.2   | 0.95   | 4.3    | W    | 270 |
|    | 12 | 2.28   | 4.0   | 1.83   | 5.0    | 1.44   | 5.1   | 0.94   | 4.3    | W    | 274 |
|    | 14 | 2.57   | 4.8   | 1.89   | 5.4    | 1.52   | 5.3   | 0.95   | 4.4    | NW   | 307 |
|    | 16 | 2.23   | 4.4   | 1.74   | 5.3    | 1.32   | 5.3   | 0.82   | 4.2    | WNW  | 303 |
|    | 18 | 2.66   | 4.4   | 1.85   | 5.4    | 1.48   | 5.4   | 0.92   | 4.3    | NW   | 319 |
|    | 20 | 2.99   | 4.9   | 1.98   | 5.5    | 1.59   | 5.3   | 1.03   | 4.4    | NNW  | 327 |
|    | 22 | * 3.80 | 6.1   | * 2.43 | 5.6    | * 1.92 | 5.6   | * 1.20 | 4.7    | WNW  | 290 |
|    | 最大 | 3.80   | 6.1   | 2.43   | 5.6    | 1.92   | 5.6   | 1.20   | 4.7    |      |     |
|    | 平均 | 2.00   | 5.0   | 1.40   | 5.4    | 1.11   | 5.3   | 0.71   | 4.3    |      |     |
| 03 | 00 | 4.36   | 6.8   | 3.13   | 7.3    | 2.52   | 6.9   | 1.60   | 5.5    | NW   | 315 |
|    | 02 | 4.06   | 8.1   | * 3.36 | 7.7    | * 2.61 | 7.2   | * 1.69 | 5.8    | NW   | 315 |
|    | 04 | 3.87   | 8.8   | 3.22   | 8.1    | 2.58   | 7.7   | 1.64   | 5.9    | NNW  | 340 |
|    | 06 | 3.36   | 10.2  | 2.87   | 7.7    | 2.35   | 7.1   | 1.56   | 5.7    | NNW  | 327 |
|    | 08 | * 4.52 | 8.3   | 3.08   | 7.8    | 2.37   | 7.7   | 1.45   | 5.7    | NNW  | 331 |
|    | 10 | 3.61   | 9.3   | 2.85   | 8.5    | 2.22   | 8.2   | 1.36   | 5.9    | NNW  | 344 |
|    | 12 | 3.32   | 6.6   | 2.63   | 8.1    | 2.20   | 8.2   | 1.43   | 6.4    | NNW  | 327 |
|    | 14 | 3.39   | 8.5   | 2.51   | 8.5    | 1.92   | 8.1   | 1.19   | 6.3    | NNW  | 344 |
|    | 16 | 3.49   | 8.1   | 2.38   | 8.2    | 1.87   | 8.5   | 1.14   | 6.4    | NNW  | 335 |
|    | 18 | 2.78   | 8.3   | 2.17   | 8.6    | 1.79   | 8.8   | 1.11   | 7.0    | NNW  | 335 |
|    | 20 | 1.96   | 8.2   | 1.63   | 8.3    | 1.40   | 8.4   | 0.90   | 6.9    | NNW  | 340 |
|    | 22 | 2.24   | 8.1   | 1.93   | 8.7    | 1.55   | 8.6   | 1.00   | 7.1    | NNW  | 344 |
|    | 最大 | 4.52   | 8.3   | 3.36   | 7.7    | 2.61   | 7.2   | 1.69   | 5.8    |      |     |
|    | 平均 | 3.41   | 8.3   | 2.65   | 8.1    | 2.12   | 8.0   | 1.34   | 6.2    |      |     |
| 04 | 00 | 2.31   | 8.3   | 1.89   | 8.7    | 1.49   | 8.6   | 0.94   | 7.3    | NNW  | 335 |
|    | 02 | 2.75   | 9.0   | 1.85   | 8.2    | 1.46   | 8.3   | 0.91   | 7.2    | NNW  | 335 |
|    | 04 | 2.43   | 6.8   | 1.81   | 8.0    | 1.43   | 8.0   | 0.90   | 7.0    | NNW  | 331 |
|    | 06 | 1.85   | 8.6   | 1.58   | 8.0    | 1.31   | 8.2   | 0.85   | 7.0    | N    | 352 |
|    | 08 | 1.55   | 7.2   | 1.24   | 8.0    | 1.05   | 8.2   | 0.68   | 7.1    | NW   | 323 |
|    | 10 | 1.28   | 8.0   | 1.10   | 8.0    | 0.89   | 8.0   | 0.58   | 7.0    | NW   | 323 |
|    | 12 | 1.30   | 8.5   | 1.04   | 8.1    | 0.81   | 7.9   | 0.51   | 6.7    | NNW  | 344 |
|    | 14 | 1.08   | 6.9   | 0.87   | 7.6    | 0.70   | 7.6   | 0.44   | 6.2    | NNW  | 340 |
|    | 16 | 0.99   | 7.8   | 0.81   | 7.7    | 0.63   | 7.6   | 0.39   | 6.1    | NNW  | 335 |
|    | 18 | 2.28   | 4.7   | 1.38   | 4.1    | 1.07   | 4.1   | 0.69   | 3.5    | WNW  | 295 |
|    | 20 | 4.14   | 5.5   | 3.12   | 5.5    | 2.52   | 5.4   | 1.58   | 4.7    | WNW  | 290 |
|    | 22 | * 6.46 | 7.0   | * 4.21 | 6.8    | * 3.42 | 7.1   | * 2.14 | 6.0    | NW   | 315 |
|    | 最大 | 6.46   | 7.0   | 4.21   | 6.8    | 3.42   | 7.1   | 2.14   | 6.0    |      |     |



|    |    |        |        |        |        |        |        |        |        |     |     |     |
|----|----|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|
|    | 平均 | 2.37   | 7.4    | 1.74   | 7.4    | 1.40   | 7.4    | 0.88   | 6.3    |     |     |     |
| 05 | 00 | * 6.03 | 6.2    | * 4.25 | 7.2    | * 3.40 | 7.1    | * 2.08 | 5.7    | NW  | 315 |     |
|    | 02 | 5.27   | 7.5    | 4.10   | 7.3    | 3.29   | 7.3    | 2.00   | 5.8    | WNW | 290 |     |
|    | 04 | 5.15   | 8.0    | 3.55   | 7.5    | 2.83   | 7.3    | 1.76   | 5.9    | NNW | 327 |     |
|    | 06 | 4.75   | 8.3    | 3.41   | 8.3    | 2.84   | 8.0    | 1.84   | 6.5    | NNW | 331 |     |
|    | 08 | 4.14   | 7.9    | 3.49   | 8.6    | 2.63   | 8.1    | 1.63   | 6.2    | NNW | 340 |     |
|    | 10 | 3.52   | 9.2    | 3.02   | 8.7    | 2.43   | 8.4    | 1.49   | 6.9    | NNW | 331 |     |
|    | 12 | 3.66   | 9.3    | 3.11   | 9.5    | 2.49   | 9.1    | 1.52   | 7.1    | NW  | 323 |     |
|    | 14 | 4.21   | 9.3    | 2.55   | 8.8    | 2.00   | 8.7    | 1.25   | 6.9    | NW  | 311 |     |
|    | 16 | 3.53   | 8.3    | 2.67   | 9.0    | 2.03   | 9.0    | 1.25   | 7.2    | NW  | 315 |     |
|    | 18 | 3.00   | 9.3    | 2.27   | 9.2    | 1.80   | 8.8    | 1.10   | 7.0    | NW  | 323 |     |
|    | 20 | 2.44   | 7.3    | 2.16   | 8.5    | 1.79   | 8.8    | 1.12   | 7.1    | NNW | 327 |     |
|    | 22 | 2.42   | 8.4    | 2.02   | 8.9    | 1.60   | 8.8    | 0.98   | 6.7    | WNW | 303 |     |
|    | 最大 | 6.03   | 6.2    | 4.25   | 7.2    | 3.40   | 7.1    | 2.08   | 5.7    |     |     |     |
|    | 平均 | 4.01   | 8.3    | 3.05   | 8.5    | 2.43   | 8.3    | 1.50   | 6.6    |     |     |     |
|    | 06 | 00     | * 2.91 | 9.1    | * 2.24 | 9.1    | * 1.69 | 8.7    | * 1.02 | 6.8 | NNW | 327 |
|    |    | 02     | 2.31   | 8.1    | 1.74   | 8.5    | 1.44   | 8.8    | 0.89   | 6.5 | NW  | 315 |
|    |    | 04     | 2.62   | 8.2    | 2.08   | 8.6    | 1.63   | 8.2    | 1.01   | 6.5 | NNW | 348 |
|    |    | 06     | 2.09   | 8.6    | 1.56   | 8.3    | 1.30   | 8.1    | 0.84   | 6.1 | NW  | 323 |
|    |    | 08     | 2.08   | 7.4    | 1.52   | 7.9    | 1.21   | 7.3    | 0.77   | 5.9 | NNW | 340 |
|    |    | 10     | 1.72   | 7.1    | 1.45   | 7.4    | 1.19   | 7.4    | 0.77   | 5.8 | NNW | 331 |
|    |    | 12     | 1.80   | 6.1    | 1.38   | 7.1    | 1.08   | 7.1    | 0.66   | 5.7 | NNW | 335 |
|    |    | 14     | 1.87   | 6.4    | 1.23   | 6.1    | 1.01   | 6.2    | 0.65   | 5.4 | NNW | 335 |
| 16 |    | 1.80   | 6.0    | 1.26   | 6.3    | 1.01   | 6.3    | 0.63   | 5.3    | NNW | 331 |     |
| 18 |    | 1.34   | 6.0    | 1.14   | 6.4    | 0.94   | 6.4    | 0.60   | 5.4    | NNW | 331 |     |
| 20 |    | 1.29   | 5.5    | 1.02   | 6.2    | 0.78   | 6.2    | 0.50   | 5.4    | NNW | 344 |     |
| 22 |    | 1.17   | 6.9    | 0.83   | 6.5    | 0.67   | 6.3    | 0.43   | 5.3    | NNW | 348 |     |
| 最大 |    | 2.91   | 9.1    | 2.24   | 9.1    | 1.69   | 8.7    | 1.02   | 6.8    |     |     |     |
| 平均 |    | 1.92   | 7.1    | 1.45   | 7.4    | 1.16   | 7.3    | 0.73   | 5.8    |     |     |     |
| 07 |    | 00     | 1.12   | 6.2    | 0.83   | 5.9    | 0.66   | 6.1    | 0.43   | 5.4 | NNW | 340 |
|    |    | 02     | 0.94   | 5.9    | 0.67   | 6.2    | 0.54   | 6.2    | 0.36   | 5.4 | NNW | 340 |
|    |    | 04     | 0.86   | 6.9    | 0.59   | 6.8    | 0.47   | 6.7    | 0.30   | 5.4 | N   | 356 |
|    |    | 06     | 0.64   | 6.4    | 0.51   | 6.7    | 0.40   | 6.4    | 0.25   | 5.0 | N   | 0   |
|    |    | 08     | 0.49   | 6.7    | 0.37   | 6.4    | 0.30   | 6.4    | 0.19   | 4.7 | NNW | 348 |
|    |    | 10     | 2.25   | 3.6    | 1.84   | 5.1    | 1.47   | 5.0    | 0.91   | 4.3 | W   | 274 |
|    |    | 12     | 5.51   | 5.5    | 3.75   | 5.8    | 2.92   | 5.9    | 1.91   | 5.4 | W   | 270 |
|    |    | 14     | 5.85   | 7.0    | 4.37   | 6.6    | 3.51   | 6.6    | 2.30   | 5.7 |     |     |
|    | 16 | 6.03   | 8.0    | 4.21   | 6.8    | 3.46   | 6.7    | 2.25   | 5.6    | W   | 278 |     |
|    | 18 | * 6.56 | 7.7    | 4.95   | 8.6    | 3.89   | 8.3    | 2.41   | 6.3    |     |     |     |
|    | 20 | 6.29   | 7.6    | 4.86   | 8.3    | 3.83   | 7.9    | 2.35   | 6.3    | NW  | 319 |     |
|    | 22 | 5.64   | 7.7    | * 5.03 | 8.1    | * 4.10 | 7.7    | * 2.56 | 6.2    | NNW | 327 |     |
|    | 最大 | 6.56   | 7.7    | 5.03   | 8.1    | 4.10   | 7.7    | 2.56   | 6.2    |     |     |     |
|    | 平均 | 3.52   | 6.6    | 2.67   | 6.8    | 2.13   | 6.7    | 1.35   | 5.5    |     |     |     |
|    | 08 | 00     | 6.84   | 7.7    | 5.45   | 7.6    | 4.27   | 7.6    | 2.71   | 6.1 |     |     |
|    |    | 02     | 6.24   | 7.9    | 4.92   | 7.8    | 4.02   | 7.8    | 2.57   | 6.2 | NW  | 315 |
|    |    | 04     | 6.93   | 7.4    | 5.47   | 9.0    | 4.50   | 8.5    | 2.82   | 6.6 |     |     |
|    |    | 06     | 7.92   | 7.9    | 6.34   | 9.6    | 5.00   | 9.5    | 3.15   | 7.5 | NW  | 319 |
|    |    | 08     | 7.76   | 10.0   | * 6.42 | 10.7   | * 5.48 | 10.3   | * 3.42 | 8.0 | NW  | 319 |
|    |    | 10     | * 8.23 | 11.2   | 5.88   | 10.0   | 4.58   | 9.7    | 2.92   | 7.4 | NW  | 323 |
|    |    | 12     | 7.19   | 9.8    | 5.61   | 10.6   | 4.55   | 9.7    | 2.91   | 7.3 | NNW | 327 |
|    |    | 14     | 7.86   | 11.3   | 5.84   | 10.5   | 4.67   | 10.5   | 2.88   | 7.5 | NNW | 331 |
| 16 |    | 6.97   | 12.6   | 5.86   | 11.9   | 4.83   | 11.4   | 3.08   | 8.4    | NNW | 327 |     |
| 18 |    | 8.04   | 12.1   | 6.15   | 11.4   | 4.73   | 10.6   | 2.83   | 7.7    | NNW | 327 |     |
| 20 |    | 7.23   | 11.3   | 5.85   | 11.6   | 4.58   | 10.9   | 2.74   | 7.8    | NNW | 331 |     |
| 22 |    | 7.50   | 13.0   | 5.36   | 11.1   | 4.16   | 9.9    | 2.60   | 7.6    | NNW | 327 |     |
| 最大 |    | 8.23   | 11.2   | 6.42   | 10.7   | 5.48   | 10.3   | 3.42   | 8.0    |     |     |     |
| 平均 |    | 7.39   | 10.2   | 5.76   | 10.2   | 4.61   | 9.7    | 2.89   | 7.3    |     |     |     |
| 09 |    | 00     | 5.75   | 11.2   | 4.55   | 11.3   | 3.67   | 9.9    | 2.27   | 7.2 | NNW | 327 |
|    |    | 02     | * 6.31 | 10.9   | * 5.06 | 10.6   | * 4.01 | 9.8    | * 2.47 | 7.3 | NNW | 331 |
|    |    | 04     | 5.59   | 9.2    | 4.76   | 9.8    | 3.82   | 10.0   | 2.35   | 7.3 | NNW | 335 |
|    |    | 06     | 6.04   | 12.0   | 4.79   | 10.1   | 3.77   | 10.0   | 2.38   | 7.4 | NW  | 319 |
|    |    | 08     | 4.99   | 11.1   | 4.13   | 9.9    | 3.30   | 9.3    | 2.03   | 6.8 | NNW | 327 |
|    |    | 10     | 4.95   | 9.6    | 3.70   | 9.8    | 2.95   | 9.1    | 1.87   | 7.0 | NW  | 319 |
|    |    | 12     | 4.17   | 9.4    | 3.26   | 9.2    | 2.60   | 9.1    | 1.66   | 7.2 | NNW | 331 |
|    |    | 14     | 3.87   | 9.8    | 2.93   | 9.2    | 2.35   | 8.6    | 1.41   | 6.3 | NW  | 319 |
|    | 16 | 3.32   | 9.1    | 2.58   | 9.0    | 2.05   | 8.7    | 1.31   | 6.7    | NW  | 315 |     |
|    | 18 | 3.03   | 9.8    | 2.45   | 9.1    | 1.88   | 8.9    | 1.19   | 6.8    | NW  | 323 |     |
|    | 20 | 2.61   | 7.9    | 1.89   | 9.1    | 1.60   | 9.1    | 0.98   | 6.8    | NNW | 331 |     |
|    | 22 | 3.17   | 8.7    | 2.14   | 9.1    | 1.69   | 9.0    | 1.05   | 7.2    | NNW | 331 |     |

|    |          |              |             |              |             |              |            |              |            |     |     |
|----|----------|--------------|-------------|--------------|-------------|--------------|------------|--------------|------------|-----|-----|
|    | 最大<br>平均 | 6.31<br>4.48 | 10.9<br>9.9 | 5.06<br>3.52 | 10.6<br>9.7 | 4.01<br>2.81 | 9.8<br>9.3 | 2.47<br>1.75 | 7.3<br>7.0 |     |     |
| 10 | 00       | 2.31         | 9.6         | 1.82         | 8.8         | 1.45         | 8.8        | 0.92         | 7.4        | NW  | 319 |
|    | 02       | 2.22         | 8.2         | 1.55         | 8.0         | 1.24         | 8.2        | 0.80         | 7.0        | NNW | 327 |
|    | 04       | 1.75         | 8.4         | 1.42         | 9.0         | 1.13         | 8.2        | 0.72         | 6.7        | NW  | 323 |
|    | 06       | 1.99         | 7.3         | 1.68         | 7.1         | 1.39         | 7.0        | 0.89         | 5.7        | NNW | 327 |
|    | 08       | 1.62         | 6.9         | 1.39         | 7.1         | 1.17         | 7.1        | 0.76         | 5.3        | NNW | 335 |
|    | 10       | 3.05         | 6.9         | 2.35         | 5.9         | 1.82         | 5.7        | 1.20         | 4.7        | W   | 270 |
|    | 12       | 3.75         | 5.3         | 3.04         | 5.8         | 2.47         | 5.8        | 1.55         | 5.0        | W   | 270 |
|    | 14       | 2.81         | 5.6         | 1.77         | 5.8         | 1.48         | 5.8        | 0.95         | 4.6        | NNW | 340 |
|    | 16       | 3.56         | 5.5         | 2.43         | 5.3         | 1.97         | 5.3        | 1.29         | 4.7        | W   | 266 |
|    | 18       | 4.25         | 5.3         | 2.69         | 5.4         | 2.22         | 5.5        | 1.39         | 4.6        | W   | 274 |
|    | 20       | 3.58         | 5.9         | 2.90         | 5.8         | 2.33         | 6.0        | 1.47         | 4.9        | NW  | 323 |
|    | 22       | * 4.81       | 6.5         | * 3.34       | 6.3         | * 2.64       | 6.1        | * 1.60       | 5.0        | NW  | 315 |
|    | 最大<br>平均 | 4.81<br>2.98 | 6.5<br>6.8  | 3.34<br>2.20 | 6.3<br>6.7  | 2.64<br>1.78 | 6.1<br>6.6 | 1.60<br>1.13 | 5.0<br>5.5 |     |     |
| 11 | 00       | 3.67         | 6.2         | 2.58         | 6.1         | 1.98         | 6.0        | 1.24         | 4.9        | NW  | 307 |
|    | 02       | 3.04         | 4.5         | 2.26         | 5.6         | 1.76         | 5.7        | 1.16         | 4.9        | NNW | 331 |
|    | 04       | 3.01         | 6.1         | 1.96         | 5.7         | 1.55         | 5.7        | 0.98         | 4.7        | NNW | 335 |
|    | 06       | 2.78         | 5.1         | 1.95         | 6.1         | 1.56         | 6.3        | 0.99         | 5.0        | NW  | 323 |
|    | 08       | 3.07         | 6.6         | 2.11         | 5.9         | 1.72         | 5.8        | 1.09         | 4.7        | NNW | 335 |
|    | 10       | 3.57         | 6.7         | 2.86         | 6.2         | 2.32         | 6.1        | 1.50         | 5.2        | NNW | 331 |
|    | 12       | 4.99         | 7.9         | 3.91         | 7.6         | 3.21         | 7.2        | 2.01         | 6.1        | NW  | 323 |
|    | 14       | 5.86         | 7.2         | * 4.38       | 7.9         | * 3.45       | 7.5        | * 2.18       | 6.3        | NW  | 323 |
|    | 16       | * 7.43       | 8.2         | 4.34         | 7.9         | 3.34         | 7.7        | 2.02         | 6.1        | NNW | 340 |
|    | 18       | 5.82         | 7.9         | 4.11         | 7.9         | 3.22         | 7.6        | 1.99         | 5.9        | NNW | 331 |
|    | 20       | 3.88         | 7.7         | 3.32         | 7.6         | 2.68         | 7.1        | 1.67         | 5.4        | NNW | 327 |
|    | 22       | 4.14         | 8.3         | 3.29         | 7.3         | 2.67         | 7.1        | 1.74         | 5.9        | NW  | 319 |
|    | 最大<br>平均 | 7.43<br>4.27 | 8.2<br>6.9  | 4.38<br>3.09 | 7.9<br>6.8  | 3.45<br>2.46 | 7.5<br>6.7 | 2.18<br>1.55 | 6.3<br>5.4 |     |     |
| 12 | 00       | * 3.67       | 8.2         | * 3.04       | 8.0         | * 2.43       | 7.7        | * 1.47       | 5.8        | NW  | 307 |
|    | 02       | 3.14         | 6.8         | 2.41         | 8.2         | 1.99         | 7.9        | 1.30         | 6.3        | NW  | 323 |
|    | 04       | 3.19         | 7.4         | 2.33         | 8.3         | 1.88         | 7.9        | 1.13         | 6.0        | NW  | 315 |
|    | 06       | 3.46         | 8.9         | 2.59         | 8.7         | 2.09         | 8.3        | 1.27         | 6.3        | NW  | 323 |
|    | 08       | 3.45         | 8.6         | 2.90         | 9.3         | 2.29         | 9.6        | 1.35         | 7.3        | NNW | 335 |
|    | 10       | 3.52         | 9.0         | 2.65         | 9.1         | 2.05         | 9.1        | 1.25         | 7.5        | N   | 352 |
|    | 12       | 2.88         | 9.1         | 2.33         | 9.2         | 1.84         | 9.1        | 1.14         | 7.4        | NNW | 344 |
|    | 14       | 3.25         | 8.6         | 2.30         | 8.8         | 1.82         | 8.7        | 1.14         | 7.2        | NNW | 340 |
|    | 16       | 2.71         | 7.8         | 1.96         | 8.5         | 1.53         | 8.1        | 0.92         | 6.2        | NW  | 323 |
|    | 18       | 2.21         | 7.9         | 1.65         | 8.2         | 1.36         | 8.0        | 0.87         | 6.7        | NNW | 327 |
|    | 20       | 1.71         | 7.8         | 1.34         | 8.1         | 1.07         | 8.2        | 0.65         | 6.1        | NNW | 344 |
|    | 22       | 1.37         | 7.2         | 1.23         | 7.8         | 1.05         | 7.7        | 0.67         | 6.2        | NNW | 335 |
|    | 最大<br>平均 | 3.67<br>2.88 | 8.2<br>8.1  | 3.04<br>2.23 | 8.0<br>8.5  | 2.43<br>1.78 | 7.7<br>8.4 | 1.47<br>1.10 | 5.8<br>6.6 |     |     |
| 13 | 00       | 1.55         | 7.9         | 1.22         | 7.8         | 0.95         | 7.8        | 0.58         | 6.3        | NNW | 327 |
|    | 02       | 1.12         | 7.2         | 0.90         | 7.6         | 0.73         | 7.6        | 0.47         | 6.4        | NW  | 315 |
|    | 04       | 1.10         | 7.4         | 0.94         | 7.3         | 0.75         | 7.4        | 0.47         | 6.6        | N   | 0   |
|    | 06       | 3.64         | 5.1         | 2.71         | 5.2         | 2.15         | 5.1        | 1.37         | 4.6        | W   | 266 |
|    | 08       | 4.63         | 5.3         | * 3.88       | 6.0         | * 3.06       | 5.8        | * 1.84       | 5.0        | W   | 270 |
|    | 10       | 4.47         | 6.5         | 3.64         | 6.5         | 2.96         | 6.5        | 1.82         | 5.1        |     |     |
|    | 12       | * 4.83       | 6.1         | 3.74         | 6.3         | 2.92         | 6.4        | 1.81         | 5.1        | W   | 274 |
|    | 14       | 4.26         | 5.6         | 3.02         | 6.3         | 2.44         | 6.1        | 1.55         | 4.9        | WNW | 282 |
|    | 16       | 2.59         | 9.1         | 1.91         | 7.3         | 1.55         | 6.6        | 1.02         | 5.2        | NW  | 307 |
|    | 18       | 2.75         | 7.4         | 2.16         | 6.9         | 1.81         | 6.8        | 1.14         | 5.4        | NNW | 331 |
|    | 20       | 2.49         | 7.2         | 1.82         | 6.7         | 1.49         | 6.7        | 0.94         | 5.3        | NNW | 340 |
|    | 22       | 2.40         | 6.8         | 1.78         | 7.1         | 1.42         | 7.1        | 0.90         | 6.0        | NW  | 319 |
|    | 最大<br>平均 | 4.83<br>2.99 | 6.1<br>6.8  | 3.88<br>2.31 | 6.0<br>6.8  | 3.06<br>1.85 | 5.8<br>6.7 | 1.84<br>1.16 | 5.0<br>5.5 |     |     |
| 14 | 00       | * 2.35       | 5.8         | * 1.76       | 7.0         | * 1.45       | 6.9        | * 0.92       | 5.4        | NNE | 16  |
|    | 02       | 2.33         | 6.6         | 1.76         | 6.9         | 1.43         | 6.4        | 0.91         | 4.9        | NNE | 16  |
|    | 04       | 1.86         | 4.7         | 1.58         | 6.4         | 1.30         | 6.4        | 0.81         | 5.0        | NW  | 323 |
|    | 06       | 2.02         | 5.1         | 1.49         | 6.3         | 1.16         | 6.4        | 0.72         | 5.2        | NW  | 319 |
|    | 08       | 1.70         | 6.4         | 1.23         | 6.8         | 1.02         | 6.9        | 0.68         | 5.8        | NNW | 335 |
|    | 10       | 1.41         | 6.4         | 1.12         | 6.2         | 0.88         | 6.1        | 0.57         | 5.3        | NW  | 315 |
|    | 12       | 1.22         | 6.2         | 0.96         | 5.8         | 0.76         | 5.9        | 0.47         | 5.0        | NNW | 331 |
|    | 14       | 1.27         | 5.5         | 0.96         | 4.9         | 0.78         | 4.8        | 0.49         | 3.8        | NW  | 307 |

|          |          |              |            |              |            |              |            |              |            |     |     |     |
|----------|----------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|-----|-----|-----|
|          | 16       | 1.32         | 5.5        | 0.86         | 4.9        | 0.68         | 4.9        | 0.43         | 3.9        | NNW | 327 |     |
|          | 18       | 1.06         | 4.4        | 0.75         | 5.0        | 0.60         | 5.0        | 0.39         | 4.1        | NW  | 319 |     |
|          | 20       | 0.77         | 5.0        | 0.61         | 5.2        | 0.51         | 5.1        | 0.32         | 4.1        | NNW | 331 |     |
|          | 22       | 0.94         | 5.7        | 0.57         | 4.9        | 0.46         | 4.8        | 0.29         | 3.8        | NNW | 348 |     |
|          | 最大<br>平均 | 2.35<br>1.52 | 5.8<br>5.6 | 1.76<br>1.14 | 7.0<br>5.9 | 1.45<br>0.92 | 6.9<br>5.8 | 0.92<br>0.58 | 5.4<br>4.7 |     |     |     |
| 15       | 00       | 0.65         | 4.1        | 0.52         | 5.1        | 0.41         | 4.9        | 0.27         | 4.0        | NNW | 340 |     |
|          | 02       | 0.79         | 3.9        | 0.64         | 4.5        | 0.51         | 4.5        | 0.33         | 3.8        | NW  | 323 |     |
|          | 04       | 0.91         | 5.5        | 0.66         | 5.0        | 0.55         | 4.8        | 0.35         | 4.2        | NW  | 307 |     |
|          | 06       | 0.84         | 5.6        | 0.68         | 5.3        | 0.55         | 5.3        | 0.36         | 4.5        | NNW | 327 |     |
|          | 08       | 1.30         | 4.6        | 0.98         | 5.8        | 0.78         | 5.9        | 0.49         | 5.0        | NW  | 311 |     |
|          | 10       | 1.35         | 5.7        | 1.06         | 5.7        | 0.82         | 5.7        | 0.53         | 4.9        | NNW | 327 |     |
|          | 12       | 1.18         | 6.9        | 1.04         | 5.6        | 0.87         | 5.7        | 0.55         | 4.2        | NW  | 307 |     |
|          | 14       | 1.68         | 3.4        | 1.10         | 5.3        | 0.87         | 5.0        | 0.56         | 4.0        | NW  | 323 |     |
|          | 16       | 1.28         | 5.0        | 0.91         | 5.5        | 0.75         | 5.2        | 0.48         | 4.3        | NNW | 331 |     |
|          | 18       | 1.06         | 5.0        | 0.73         | 5.4        | 0.59         | 5.3        | 0.37         | 4.4        | NNW | 335 |     |
|          | 20       | 1.54         | 4.4        | 1.17         | 4.1        | 0.93         | 4.2        | 0.58         | 3.7        | NW  | 305 |     |
|          | 22       | * 3.46       | 5.2        | * 2.81       | 5.7        | * 2.28       | 5.9        | * 1.44       | 4.9        | NNW | 327 |     |
|          | 最大<br>平均 | 3.46<br>1.34 | 5.2<br>4.9 | 2.81<br>1.03 | 5.7<br>5.3 | 2.28<br>0.83 | 5.9<br>5.2 | 1.44<br>0.53 | 4.9<br>4.3 |     |     |     |
|          | 16       | 00           | 4.71       | 6.8          | 3.45       | 6.3          | 2.75       | 6.7          | 1.74       | 5.5 | NW  | 315 |
|          |          | 02           | 5.37       | 6.9          | 4.43       | 7.0          | 3.41       | 7.3          | 2.17       | 6.1 | NNW | 327 |
|          |          | 04           | 5.79       | 7.6          | 4.48       | 7.9          | 3.62       | 7.7          | * 2.34     | 6.4 | NW  | 315 |
|          |          | 06           | 6.01       | 6.8          | 4.07       | 7.2          | 3.33       | 7.1          | 2.12       | 5.8 | NW  | 323 |
|          |          | 08           | 5.70       | 8.3          | 4.36       | 7.9          | 3.43       | 8.2          | 2.16       | 6.4 | NW  | 319 |
|          |          | 10           | 6.00       | 7.3          | * 4.82     | 8.1          | * 3.71     | 8.0          | 2.27       | 6.3 | NNW | 327 |
|          |          | 12           | 5.02       | 7.7          | 4.11       | 7.8          | 3.29       | 7.7          | 2.04       | 6.0 | NW  | 323 |
| 14       |          | * 6.55       | 7.5        | 4.25         | 8.0        | 3.37         | 8.1        | 2.15         | 6.3        | NNW | 327 |     |
| 16       |          | 5.16         | 8.8        | 4.18         | 7.9        | 3.41         | 7.8        | 2.06         | 6.1        | NW  | 319 |     |
| 18       |          | 5.00         | 7.5        | 4.04         | 7.4        | 3.12         | 7.8        | 1.97         | 6.0        | NW  | 315 |     |
| 20       |          | 5.60         | 7.7        | 3.62         | 8.3        | 2.83         | 7.8        | 1.76         | 6.1        | NNW | 327 |     |
| 22       |          | 4.22         | 7.5        | 3.23         | 7.8        | 2.53         | 7.0        | 1.54         | 5.3        | NNW | 335 |     |
| 最大<br>平均 |          | 6.55<br>5.43 | 7.5<br>7.5 | 4.82<br>4.09 | 8.1<br>7.6 | 3.71<br>3.23 | 8.0<br>7.6 | 2.34<br>2.03 | 6.4<br>6.0 |     |     |     |
| 17       |          | 00           | * 4.19     | 7.5          | * 2.96     | 7.5          | 2.32       | 7.5          | 1.46       | 5.8 | NNW | 335 |
|          | 02       | 4.16         | 7.5        | 2.92         | 7.2        | * 2.37       | 6.9        | * 1.57       | 5.6        | NW  | 319 |     |
|          | 04       | 3.24         | 8.5        | 2.56         | 7.2        | 2.08         | 7.0        | 1.24         | 5.1        | NW  | 323 |     |
|          | 06       | 2.85         | 6.9        | 2.28         | 7.0        | 1.90         | 7.0        | 1.24         | 5.5        | NW  | 323 |     |
|          | 08       | 2.62         | 7.6        | 2.15         | 7.2        | 1.73         | 7.3        | 1.10         | 5.8        | N   | 356 |     |
|          | 10       | 2.63         | 7.0        | 2.00         | 7.6        | 1.59         | 7.2        | 1.04         | 6.0        | NNW | 331 |     |
|          | 12       | 1.95         | 6.4        | 1.68         | 7.3        | 1.33         | 7.5        | 0.87         | 6.0        | NNW | 335 |     |
|          | 14       | 2.10         | 7.9        | 1.65         | 7.5        | 1.33         | 7.3        | 0.83         | 6.0        | NNW | 327 |     |
|          | 16       | 2.12         | 6.9        | 1.61         | 7.6        | 1.24         | 7.2        | 0.78         | 6.1        | NNW | 331 |     |
|          | 18       | 1.64         | 7.1        | 1.32         | 7.4        | 1.03         | 7.2        | 0.63         | 5.8        | NW  | 311 |     |
|          | 20       | 1.45         | 6.7        | 1.19         | 6.9        | 0.99         | 6.9        | 0.64         | 5.9        | NW  | 323 |     |
|          | 22       | 1.31         | 7.0        | 1.05         | 7.2        | 0.83         | 7.1        | 0.55         | 6.0        | NNW | 331 |     |
|          | 最大<br>平均 | 4.19<br>2.52 | 7.5<br>7.3 | 2.96<br>1.95 | 7.5<br>7.3 | 2.37<br>1.56 | 6.9<br>7.2 | 1.57<br>1.00 | 5.6<br>5.8 |     |     |     |
|          | 18       | 00           | 1.29       | 6.1          | 1.06       | 6.9          | 0.83       | 6.9          | 0.52       | 6.0 | NW  | 315 |
| 02       |          | 1.08         | 7.0        | 0.86         | 7.0        | 0.65         | 6.6        | 0.41         | 5.6        | NNW | 327 |     |
| 04       |          | 1.04         | 6.9        | 0.77         | 6.8        | 0.60         | 6.8        | 0.37         | 5.5        | NNW | 344 |     |
| 06       |          | 0.97         | 6.4        | 0.68         | 6.9        | 0.52         | 7.1        | 0.30         | 5.5        | N   | 356 |     |
| 08       |          | 1.04         | 6.2        | 0.86         | 6.0        | 0.70         | 6.3        | 0.47         | 5.7        | W   | 278 |     |
| 10       |          | 1.01         | 6.4        | 0.65         | 5.7        | 0.52         | 5.9        | 0.33         | 5.0        | W   | 270 |     |
| 12       |          | 0.63         | 8.1        | 0.50         | 6.5        | 0.40         | 6.5        | 0.25         | 4.9        | NW  | 323 |     |
| 14       |          | 0.61         | 6.9        | 0.48         | 6.5        | 0.38         | 6.2        | 0.25         | 5.0        | NNW | 327 |     |
| 16       |          | 0.64         | 6.8        | 0.47         | 6.4        | 0.39         | 6.0        | 0.25         | 4.7        | NNW | 340 |     |
| 18       |          | 1.99         | 4.0        | 1.23         | 3.9        | 0.97         | 4.1        | 0.62         | 3.6        | N   | 353 |     |
| 20       |          | * 2.50       | 4.9        | * 1.79       | 5.0        | * 1.44       | 5.1        | * 0.92       | 4.2        | WNW | 290 |     |
| 22       |          | 2.12         | 5.0        | 1.68         | 4.9        | 1.36         | 4.9        | 0.88         | 4.3        | NW  | 323 |     |
| 最大<br>平均 |          | 2.50<br>1.24 | 4.9<br>6.2 | 1.79<br>0.92 | 5.0<br>6.0 | 1.44<br>0.73 | 5.1<br>6.0 | 0.92<br>0.46 | 4.2<br>5.0 |     |     |     |
| 19       |          | 00           | 3.06       | 4.2          | 2.20       | 5.4          | 1.77       | 5.3          | 1.12       | 4.5 | NW  | 307 |
|          | 02       | 3.56         | 6.2        | 2.62         | 6.1        | 2.03         | 5.8        | 1.27         | 4.7        | NW  | 315 |     |
|          | 04       | 3.50         | 7.3        | 2.76         | 6.7        | 2.26         | 6.5        | 1.43         | 5.3        | NNW | 331 |     |
|          | 06       | 4.28         | 8.5        | 3.30         | 8.3        | 2.61         | 7.7        | 1.64         | 6.0        | NW  | 323 |     |
|          | 08       | 4.38         | 8.4        | * 3.60       | 8.8        | * 2.81       | 8.6        | 1.71         | 6.4        | NNW | 331 |     |
|          | 10       | 3.78         | 8.4        | 3.15         | 8.9        | 2.62         | 8.7        | 1.69         | 6.7        | NNW | 327 |     |

|    |    |        |      |        |     |        |     |        |     |     |     |
|----|----|--------|------|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 12 | 3.78   | 7.5  | 3.31   | 8.3 | 2.74   | 8.5 | * 1.71 | 6.6 | NNW | 327 |
|    | 14 | * 4.79 | 10.3 | 3.34   | 9.5 | 2.66   | 8.4 | 1.64   | 6.5 | NW  | 319 |
|    | 16 | 4.42   | 9.9  | 3.44   | 8.9 | 2.64   | 8.6 | 1.58   | 6.2 | NNW | 335 |
|    | 18 | 4.66   | 9.6  | 2.85   | 8.9 | 2.28   | 8.5 | 1.45   | 6.5 | NW  | 315 |
|    | 20 | 3.94   | 8.5  | 2.80   | 9.1 | 2.27   | 8.9 | 1.36   | 6.2 | NNW | 327 |
|    | 22 | 3.20   | 8.6  | 2.51   | 8.6 | 2.03   | 8.3 | 1.20   | 5.9 | NNW | 331 |
|    | 最大 | 4.79   | 10.3 | 3.60   | 8.8 | 2.81   | 8.6 | 1.71   | 6.6 |     |     |
|    | 平均 | 3.95   | 8.1  | 2.99   | 8.1 | 2.39   | 7.8 | 1.48   | 6.0 |     |     |
| 20 | 00 | 3.60   | 8.9  | 2.62   | 8.9 | 2.10   | 8.9 | 1.30   | 6.5 | NNW | 331 |
|    | 02 | 3.14   | 8.4  | 2.41   | 8.1 | 1.91   | 7.9 | 1.19   | 6.1 | NNW | 331 |
|    | 04 | 3.06   | 8.6  | 2.33   | 8.0 | 1.94   | 8.1 | 1.26   | 6.6 | NNW | 335 |
|    | 06 | 3.18   | 7.5  | 2.38   | 7.3 | 1.90   | 7.7 | 1.21   | 5.9 | NW  | 323 |
|    | 08 | 2.96   | 7.9  | 2.28   | 8.0 | 1.81   | 7.7 | 1.15   | 6.1 | NW  | 323 |
|    | 10 | 2.69   | 6.6  | 2.12   | 7.0 | 1.73   | 6.7 | 1.07   | 5.0 | NNW | 335 |
|    | 12 | 3.34   | 6.8  | 2.56   | 6.7 | 2.06   | 6.4 | 1.30   | 4.9 | NNW | 340 |
|    | 14 | 3.70   | 8.0  | 2.67   | 6.7 | 2.15   | 6.4 | 1.37   | 5.2 | NNW | 331 |
|    | 16 | 4.06   | 7.4  | 3.25   | 6.8 | 2.64   | 6.8 | 1.63   | 5.6 | NNW | 327 |
|    | 18 | 4.76   | 6.9  | 3.78   | 7.1 | 2.96   | 7.2 | 1.81   | 5.8 | NNW | 331 |
|    | 20 | 5.14   | 7.1  | * 4.16 | 7.5 | * 3.32 | 7.5 | * 2.04 | 6.1 | NW  | 323 |
|    | 22 | * 5.19 | 7.9  | 3.96   | 7.8 | 3.18   | 7.8 | 2.01   | 6.3 | NNW | 327 |
|    | 最大 | 5.19   | 7.9  | 4.16   | 7.5 | 3.32   | 7.5 | 2.04   | 6.1 |     |     |
|    | 平均 | 3.74   | 7.7  | 2.88   | 7.5 | 2.31   | 7.4 | 1.45   | 5.8 |     |     |
| 21 | 00 | 5.62   | 7.7  | 3.78   | 8.2 | 2.98   | 8.0 | 1.92   | 6.4 | NW  | 323 |
|    | 02 | 4.93   | 10.2 | 4.07   | 8.8 | 3.23   | 8.5 | 2.05   | 6.6 | NW  | 319 |
|    | 04 | * 7.08 | 7.8  | * 4.50 | 8.5 | * 3.57 | 8.1 | * 2.23 | 6.4 | NNW | 344 |
|    | 06 | 5.27   | 8.1  | 4.22   | 8.8 | 3.46   | 8.5 | 2.21   | 6.5 | NNW | 327 |
|    | 08 | 5.17   | 8.9  | 3.99   | 8.5 | 3.14   | 8.1 | 1.97   | 6.3 | NNW | 327 |
|    | 10 | 4.66   | 8.5  | 3.49   | 8.5 | 2.70   | 8.1 | 1.67   | 6.2 | NNW | 327 |
|    | 12 | 4.15   | 8.4  | 3.38   | 8.8 | 2.67   | 8.6 | 1.68   | 6.5 | NNW | 327 |
|    | 14 | 4.86   | 8.3  | 3.57   | 8.4 | 2.79   | 8.2 | 1.75   | 6.4 | NNW | 327 |
|    | 16 | 3.40   | 7.2  | 2.82   | 7.6 | 2.23   | 7.7 | 1.37   | 5.8 | NNW | 331 |
|    | 18 | 3.90   | 7.4  | 2.66   | 7.3 | 2.17   | 7.2 | 1.39   | 5.7 | NNW | 331 |
|    | 20 | 3.83   | 5.8  | 3.04   | 7.3 | 2.57   | 7.6 | 1.66   | 6.2 | NW  | 323 |
|    | 22 | 3.49   | 6.2  | 2.70   | 7.1 | 2.23   | 7.2 | 1.42   | 5.7 | NNW | 340 |
|    | 最大 | 7.08   | 7.8  | 4.50   | 8.5 | 3.57   | 8.1 | 2.23   | 6.4 |     |     |
|    | 平均 | 4.70   | 7.9  | 3.52   | 8.2 | 2.81   | 8.0 | 1.78   | 6.2 |     |     |
| 22 | 00 | 3.68   | 8.8  | 2.78   | 7.6 | 2.25   | 7.4 | 1.42   | 5.8 | NNW | 335 |
|    | 02 | 4.23   | 7.3  | 2.61   | 7.5 | 2.08   | 7.0 | 1.30   | 5.4 | NNW | 335 |
|    | 04 | 3.97   | 6.8  | 2.82   | 7.3 | 2.28   | 7.1 | 1.44   | 5.6 | NNW | 335 |
|    | 06 | 3.18   | 8.0  | 2.50   | 7.7 | 2.04   | 7.4 | 1.30   | 5.6 | NNW | 335 |
|    | 08 | 3.38   | 8.8  | 2.55   | 7.3 | 2.04   | 7.2 | 1.25   | 5.3 | NNW | 331 |
|    | 10 | 2.93   | 8.6  | 2.40   | 8.0 | 1.84   | 7.7 | 1.15   | 6.0 | NNW | 335 |
|    | 12 | 2.38   | 7.3  | 1.97   | 7.2 | 1.67   | 6.7 | 1.08   | 5.1 | NNW | 331 |
|    | 14 | 2.68   | 8.4  | 2.08   | 6.9 | 1.69   | 6.7 | 1.09   | 5.1 | NNW | 327 |
|    | 16 | 3.39   | 5.8  | 2.55   | 5.6 | 2.09   | 5.9 | 1.31   | 4.6 | NNW | 335 |
|    | 18 | 2.67   | 6.7  | 2.24   | 6.7 | 1.82   | 6.4 | 1.18   | 5.0 | WNW | 303 |
|    | 20 | 3.52   | 6.3  | 2.63   | 6.2 | 2.13   | 6.2 | 1.36   | 5.0 | NW  | 311 |
|    | 22 | * 4.29 | 5.6  | * 3.54 | 6.2 | * 2.82 | 6.4 | * 1.79 | 5.1 | NW  | 319 |
|    | 最大 | 4.29   | 5.6  | 3.54   | 6.2 | 2.82   | 6.4 | 1.79   | 5.1 |     |     |
|    | 平均 | 3.36   | 7.4  | 2.56   | 7.0 | 2.06   | 6.8 | 1.31   | 5.3 |     |     |
| 23 | 00 | 6.51   | 7.6  | * 5.75 | 8.0 | * 4.74 | 8.2 | * 2.94 | 6.7 | NW  | 307 |
|    | 02 | * 7.30 | 9.0  | 5.18   | 8.3 | 3.97   | 8.3 | 2.48   | 6.6 | WNW | 303 |
|    | 04 | 5.61   | 7.9  | 4.63   | 8.2 | 3.83   | 8.1 | 2.49   | 6.7 | NW  | 315 |
|    | 06 | 5.08   | 5.7  | 3.36   | 7.2 | 2.67   | 7.2 | 1.75   | 5.9 | NW  | 307 |
|    | 08 | 3.43   | 7.4  | 2.76   | 6.4 | 2.26   | 6.6 | 1.46   | 5.1 | WNW | 303 |
|    | 10 | 3.48   | 5.4  | 2.61   | 6.6 | 2.14   | 6.1 | 1.38   | 5.1 | NNW | 340 |
|    | 12 | 3.27   | 5.8  | 2.70   | 6.1 | 2.14   | 6.0 | 1.32   | 4.8 | NNW | 335 |
|    | 14 | 3.20   | 6.3  | 2.59   | 6.1 | 2.13   | 6.2 | 1.40   | 5.1 | NW  | 311 |
|    | 16 | 3.06   | 8.5  | 2.65   | 6.9 | 2.07   | 6.6 | 1.25   | 5.1 | NW  | 307 |
|    | 18 | 3.19   | 8.0  | 2.35   | 6.7 | 1.81   | 6.7 | 1.15   | 5.5 | NNW | 327 |
|    | 20 | 2.73   | 6.8  | 2.06   | 7.0 | 1.67   | 7.0 | 1.04   | 5.6 | NW  | 319 |
|    | 22 | 2.77   | 8.4  | 2.17   | 7.6 | 1.68   | 7.3 | 1.01   | 5.4 | NW  | 315 |
|    | 最大 | 7.30   | 9.0  | 5.75   | 8.0 | 4.74   | 8.2 | 2.94   | 6.7 |     |     |
|    | 平均 | 4.14   | 7.2  | 3.23   | 7.1 | 2.59   | 7.0 | 1.64   | 5.6 |     |     |
| 24 | 00 | 2.54   | 8.1  | 2.12   | 8.5 | 1.77   | 8.2 | 1.12   | 6.8 | NW  | 323 |
|    | 02 | 3.22   | 6.6  | 2.55   | 7.0 | 2.02   | 6.4 | 1.25   | 4.8 | NW  | 323 |

|    |    |        |      |        |     |        |     |        |     |     |     |
|----|----|--------|------|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 04 | 4.59   | 8.4  | 3.33   | 7.0 | 2.63   | 6.8 | 1.63   | 5.3 | NNW | 327 |
|    | 06 | 7.67   | 8.2  | 5.84   | 8.6 | 4.56   | 8.6 | 2.94   | 7.0 | NW  | 315 |
|    | 08 | *10.17 | 8.4  | 5.68   | 9.4 | 4.24   | 8.6 | 2.50   | 6.6 | NW  | 323 |
|    | 10 | 6.71   | 9.2  | * 5.98 | 9.1 | * 4.87 | 9.0 | * 3.21 | 7.5 | NW  | 323 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 12 | 8.20   | 10.4 | 5.58   | 9.3 | 4.53   | 9.0 | 2.79   | 6.7 | NNW | 331 |
|    | 14 | 5.46   | 9.7  | 4.46   | 8.5 | 3.81   | 8.3 | 2.53   | 6.7 | NW  | 323 |
|    | 16 | 6.59   | 8.4  | 4.79   | 8.0 | 3.86   | 8.3 | 2.41   | 6.5 | NNW | 327 |
|    | 18 | 8.01   | 8.5  | 4.98   | 8.4 | 3.92   | 8.5 | 2.51   | 6.6 | NW  | 323 |
|    | 20 | 6.72   | 9.4  | 5.04   | 8.9 | 3.89   | 8.6 | 2.27   | 6.4 | NW  | 323 |
|    | 22 | 5.41   | 8.0  | 4.29   | 8.7 | 3.60   | 8.8 | 2.21   | 6.6 | NW  | 319 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 最大 | 10.17  | 8.4  | 5.98   | 9.1 | 4.87   | 9.0 | 3.21   | 7.5 |     |     |
|    | 平均 | 6.27   | 8.6  | 4.55   | 8.5 | 3.64   | 8.3 | 2.28   | 6.5 |     |     |
| 25 | 00 | 5.41   | 7.9  | * 4.19 | 9.4 | 3.31   | 8.8 | * 2.10 | 6.9 | NW  | 319 |
|    | 02 | * 5.70 | 8.3  | 3.97   | 8.3 | 3.19   | 8.1 | 2.05   | 6.5 | NW  | 319 |
|    | 04 | 5.16   | 9.8  | 4.14   | 8.8 | * 3.32 | 9.1 | 2.05   | 6.8 | NW  | 323 |
|    | 06 | 5.24   | 7.2  | 3.47   | 7.4 | 2.82   | 7.4 | 1.80   | 5.7 | NNW | 327 |
|    | 08 | 4.40   | 8.0  | 3.43   | 8.1 | 2.74   | 7.8 | 1.74   | 5.9 | NNW | 331 |
|    | 10 | 4.50   | 9.1  | 3.09   | 7.7 | 2.45   | 7.3 | 1.57   | 5.6 | NNW | 331 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 12 | 4.82   | 6.8  | 3.62   | 7.1 | 2.93   | 6.9 | 1.87   | 5.7 | WNW | 299 |
|    | 14 | 4.71   | 5.9  | 3.40   | 6.9 | 2.71   | 7.2 | 1.72   | 5.5 | NW  | 307 |
|    | 16 | 3.91   | 6.9  | 3.03   | 7.1 | 2.41   | 6.7 | 1.51   | 5.3 | NW  | 319 |
|    | 18 | 3.32   | 5.6  | 2.84   | 6.9 | 2.33   | 6.9 | 1.50   | 5.6 | NNW | 331 |
|    | 20 | 3.79   | 7.0  | 2.68   | 6.8 | 2.14   | 6.6 | 1.36   | 5.0 | NW  | 323 |
|    | 22 | 3.53   | 6.1  | 2.79   | 6.5 | 2.18   | 6.7 | 1.33   | 5.1 | NW  | 315 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 最大 | 5.70   | 8.3  | 4.19   | 9.4 | 3.32   | 9.1 | 2.10   | 6.9 |     |     |
|    | 平均 | 4.54   | 7.4  | 3.39   | 7.6 | 2.71   | 7.5 | 1.72   | 5.8 |     |     |
| 26 | 00 | * 3.64 | 6.5  | * 2.60 | 6.5 | * 2.07 | 6.3 | * 1.32 | 5.0 | NNW | 331 |
|    | 02 | 3.03   | 5.4  | 2.42   | 6.7 | 1.89   | 6.3 | 1.22   | 4.8 | NNW | 327 |
|    | 04 | 2.58   | 6.2  | 2.14   | 7.0 | 1.74   | 6.2 | 1.10   | 4.8 | NNW | 331 |
|    | 06 | 2.31   | 7.5  | 1.93   | 7.0 | 1.57   | 6.8 | 1.02   | 5.5 | NW  | 315 |
|    | 08 | 2.12   | 8.1  | 1.63   | 6.7 | 1.33   | 6.6 | 0.82   | 5.3 | NW  | 323 |
|    | 10 | 2.05   | 6.8  | 1.48   | 6.7 | 1.20   | 6.8 | 0.77   | 5.4 | NNW | 327 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 12 | 1.70   | 7.3  | 1.35   | 7.0 | 1.08   | 6.9 | 0.67   | 5.5 | NNW | 331 |
|    | 14 | 1.66   | 7.0  | 1.25   | 6.7 | 1.00   | 6.9 | 0.62   | 5.8 | NNW | 348 |
|    | 16 | 1.82   | 6.1  | 1.28   | 6.8 | 1.02   | 6.9 | 0.63   | 5.7 | NNW | 344 |
|    | 18 | 1.33   | 5.8  | 1.05   | 6.6 | 0.83   | 6.8 | 0.51   | 5.5 | NNW | 327 |
|    | 20 | 1.42   | 6.7  | 1.15   | 7.1 | 0.96   | 7.1 | 0.62   | 6.2 | NW  | 323 |
|    | 22 | 1.92   | 6.7  | 1.13   | 6.9 | 0.90   | 7.0 | 0.55   | 5.9 | NNW | 335 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 最大 | 3.64   | 6.5  | 2.60   | 6.5 | 2.07   | 6.3 | 1.32   | 5.0 |     |     |
|    | 平均 | 2.13   | 6.7  | 1.62   | 6.8 | 1.30   | 6.7 | 0.82   | 5.5 |     |     |
| 27 | 00 | 1.41   | 7.4  | 0.98   | 7.0 | 0.75   | 7.0 | 0.46   | 5.8 | NNW | 331 |
|    | 02 | 1.08   | 7.2  | 0.81   | 6.9 | 0.67   | 7.0 | 0.42   | 5.8 | NNW | 335 |
|    | 04 | 1.14   | 7.0  | 0.69   | 6.9 | 0.56   | 6.9 | 0.35   | 5.7 | NNW | 340 |
|    | 06 | 0.87   | 7.3  | 0.61   | 6.7 | 0.49   | 6.7 | 0.32   | 5.6 | NNW | 331 |
|    | 08 | 0.65   | 6.3  | 0.49   | 6.7 | 0.39   | 6.6 | 0.23   | 4.9 | NNW | 344 |
|    | 10 | 0.73   | 6.7  | 0.47   | 6.5 | 0.36   | 6.5 | 0.23   | 5.1 | N   | 0   |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 12 | 0.53   | 6.8  | 0.40   | 6.4 | 0.31   | 6.3 | 0.19   | 4.7 | NNW | 344 |
|    | 14 | 0.61   | 3.2  | 0.43   | 4.4 | 0.34   | 4.2 | 0.22   | 3.0 | NE  | 55  |
|    | 16 | 0.47   | 6.2  | 0.35   | 5.2 | 0.29   | 4.5 | 0.19   | 3.2 | NNW | 340 |
|    | 18 | 1.49   | 3.5  | 1.07   | 3.8 | 0.86   | 3.9 | 0.55   | 3.4 | WSW | 242 |
|    | 20 | 1.96   | 3.8  | 1.43   | 3.9 | 1.13   | 3.9 | 0.72   | 3.6 | W   | 275 |
|    | 22 | * 1.98 | 4.4  | * 1.56 | 4.2 | * 1.27 | 4.3 | * 0.80 | 3.8 | WNW | 287 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 最大 | 1.98   | 4.4  | 1.56   | 4.2 | 1.27   | 4.3 | 0.80   | 3.8 |     |     |
|    | 平均 | 1.08   | 5.8  | 0.77   | 5.7 | 0.62   | 5.7 | 0.39   | 4.6 |     |     |
| 28 | 00 | * 2.36 | 4.3  | * 1.75 | 4.3 | * 1.34 | 4.5 | * 0.84 | 4.0 | W   | 278 |
|    | 02 | 2.35   | 4.7  | 1.47   | 4.5 | 1.16   | 4.6 | 0.74   | 4.0 | WNW | 299 |
|    | 04 | 2.06   | 4.4  | 1.36   | 4.8 | 1.07   | 4.8 | 0.67   | 4.0 | NNW | 331 |
|    | 06 | 1.37   | 4.7  | 0.95   | 4.7 | 0.76   | 4.6 | 0.48   | 4.0 | NNW | 344 |
|    | 08 | 1.12   | 4.6  | 0.81   | 4.8 | 0.65   | 4.9 | 0.40   | 4.2 | N   | 352 |
|    | 10 | 0.94   | 3.9  | 0.68   | 4.7 | 0.54   | 4.8 | 0.35   | 4.3 | NNW | 331 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 12 | 0.87   | 3.6  | 0.57   | 4.6 | 0.47   | 4.6 | 0.30   | 4.0 | NNW | 331 |
|    | 14 | 0.74   | 4.9  | 0.50   | 5.1 | 0.41   | 5.1 | 0.27   | 4.3 | N   | 352 |
|    | 16 | 0.78   | 5.1  | 0.62   | 5.1 | 0.48   | 5.1 | 0.30   | 4.3 | NNW | 335 |
|    | 18 | 0.80   | 5.2  | 0.55   | 5.4 | 0.42   | 5.2 | 0.26   | 4.3 | NNW | 331 |
|    | 20 | 0.65   | 5.1  | 0.53   | 5.5 | 0.44   | 5.5 | 0.29   | 4.8 | NNW | 331 |
|    | 22 | 0.82   | 5.4  | 0.61   | 5.8 | 0.48   | 5.7 | 0.31   | 5.2 | NNW | 344 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 最大 | 2.36   | 4.3  | 1.75   | 4.3 | 1.34   | 4.5 | 0.84   | 4.0 |     |     |

|     |    |       |     |      |      |      |      |      |     |  |
|-----|----|-------|-----|------|------|------|------|------|-----|--|
|     | 平均 | 1.24  | 4.7 | 0.87 | 4.9  | 0.69 | 5.0  | 0.43 | 4.3 |  |
| 月最大 |    | 10.17 | 8.4 | 6.42 | 10.7 | 5.48 | 10.3 | 3.42 | 8.0 |  |
| 起時  |    | 2408  |     | 0808 |      | 0808 |      | 0808 |     |  |
| 平均  |    | 3.22  | 7.2 | 2.43 | 7.3  | 1.95 | 7.1  | 1.22 | 5.7 |  |

\* は日最大波高を示す

波浪整理表（1）

2013年 3月

| 波高   |       | 波向   |       |
|------|-------|------|-------|
| 規定回数 | 372 回 | 規定回数 | 372 回 |
| 測得回数 | 372 回 | 測得回数 | 369 回 |
| 欠測回数 | 0 回   | 欠測回数 | 3 回   |
| 欠測率  | 0.0 % | 欠測率  | 0.8 % |

観測所名：直江津港(直轄) | 機種：波高 海象計 -32m 波向 海象計 -32m

| 日  | 時  | H max  | T max | H 1/10 | T 1/10 | H 1/3  | T 1/3 | H mean | T mean | 波向   |     |
|----|----|--------|-------|--------|--------|--------|-------|--------|--------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)    | (m)    | (s)   | (m)    | (s)    | 16方位 | 角度  |
| 01 | 00 | 0.74   | 6.2   | 0.58   | 5.7    | 0.47   | 5.8   | 0.30   | 5.0    | NNW  | 331 |
|    | 02 | 0.77   | 5.8   | 0.55   | 6.0    | 0.44   | 5.9   | 0.29   | 5.1    | NNW  | 331 |
|    | 04 | 0.65   | 6.0   | 0.48   | 5.7    | 0.38   | 5.8   | 0.25   | 5.0    | NNW  | 340 |
|    | 06 | 0.71   | 3.7   | 0.41   | 5.7    | 0.33   | 5.7   | 0.21   | 4.4    | NNW  | 344 |
|    | 08 | 0.48   | 5.9   | 0.35   | 5.7    | 0.28   | 5.7   | 0.18   | 4.5    | NNW  | 335 |
|    | 10 | 0.51   | 6.0   | 0.38   | 6.0    | 0.31   | 6.0   | 0.19   | 4.6    | N    | 356 |
|    | 12 | 0.76   | 6.0   | 0.42   | 5.9    | 0.33   | 5.9   | 0.20   | 4.3    | NNW  | 340 |
|    | 14 | 0.88   | 4.6   | 0.53   | 4.2    | 0.41   | 4.2   | 0.26   | 3.2    | NNW  | 347 |
|    | 16 | 0.76   | 3.2   | 0.56   | 4.9    | 0.45   | 4.6   | 0.29   | 3.5    | WNW  | 299 |
|    | 18 | 0.77   | 5.6   | 0.58   | 5.8    | 0.45   | 5.9   | 0.28   | 5.0    | WNW  | 282 |
|    | 20 | 3.36   | 4.7   | 2.17   | 4.9    | 1.76   | 4.9   | 1.12   | 4.1    | W    | 266 |
|    | 22 | * 3.86 | 5.6   | * 2.72 | 5.6    | * 2.17 | 5.5   | * 1.38 | 4.6    | W    | 274 |
|    | 最大 | 3.86   | 5.6   | 2.72   | 5.6    | 2.17   | 5.5   | 1.38   | 4.6    |      |     |
|    | 平均 | 1.19   | 5.3   | 0.81   | 5.5    | 0.65   | 5.5   | 0.41   | 4.4    |      |     |
| 02 | 00 | 4.07   | 5.7   | 3.06   | 6.0    | 2.42   | 6.0   | 1.52   | 5.0    | WNW  | 303 |
|    | 02 | 4.02   | 5.7   | 3.19   | 6.3    | 2.45   | 6.1   | 1.51   | 5.1    | WNW  | 290 |
|    | 04 | 5.50   | 7.6   | 3.87   | 7.0    | 3.08   | 7.1   | 1.92   | 5.6    | NNW  | 335 |
|    | 06 | 5.19   | 7.7   | 4.19   | 7.3    | 3.35   | 7.0   | 2.09   | 5.6    | NW   | 307 |
|    | 08 | 7.11   | 8.4   | 5.27   | 8.9    | 4.17   | 8.7   | 2.65   | 6.8    | NNW  | 331 |
|    | 10 | 7.01   | 9.7   | 4.90   | 9.9    | 3.89   | 9.0   | 2.37   | 6.5    | NNW  | 331 |
|    | 12 | 6.79   | 7.9   | 5.28   | 8.7    | 3.99   | 8.7   | 2.47   | 6.4    | NNW  | 335 |
|    | 14 | 8.22   | 11.4  | * 6.70 | 10.2   | * 5.41 | 10.0  | * 3.37 | 7.6    | NNW  | 331 |
|    | 16 | 8.28   | 13.3  | 6.01   | 11.0   | 4.86   | 10.4  | 3.15   | 7.8    | NNW  | 340 |
|    | 18 | 6.79   | 11.0  | 5.63   | 10.7   | 4.57   | 10.0  | 2.88   | 7.6    | NW   | 319 |
|    | 20 | * 8.66 | 9.6   | 5.50   | 9.5    | 4.35   | 9.2   | 2.71   | 7.0    | NW   | 323 |
|    | 22 | 6.26   | 10.4  | 5.24   | 11.1   | 4.35   | 10.3  | 2.83   | 7.9    | NNW  | 331 |
|    | 最大 | 8.66   | 9.6   | 6.70   | 10.2   | 5.41   | 10.0  | 3.37   | 7.6    |      |     |
|    | 平均 | 6.49   | 9.0   | 4.90   | 8.9    | 3.91   | 8.5   | 2.46   | 6.6    |      |     |
| 03 | 00 | * 5.89 | 10.7  | * 4.90 | 10.4   | * 4.02 | 10.3  | * 2.45 | 7.3    | NNW  | 344 |
|    | 02 | 5.31   | 9.8   | 4.45   | 10.9   | 3.62   | 9.5   | 2.21   | 7.0    | NNW  | 327 |
|    | 04 | 4.87   | 8.7   | 3.90   | 9.1    | 3.13   | 8.7   | 2.00   | 6.5    | NNW  | 340 |
|    | 06 | 4.96   | 10.6  | 3.79   | 9.9    | 2.97   | 9.5   | 1.88   | 6.7    | NNW  | 335 |
|    | 08 | 4.06   | 9.8   | 3.16   | 9.5    | 2.53   | 8.7   | 1.60   | 6.6    | NNW  | 327 |
|    | 10 | 3.78   | 7.1   | 2.84   | 9.2    | 2.21   | 8.2   | 1.39   | 6.0    | NNW  | 340 |
|    | 12 | 4.05   | 10.0  | 2.95   | 9.2    | 2.42   | 8.8   | 1.45   | 6.2    | NNW  | 340 |
|    | 14 | 4.08   | 9.3   | 2.72   | 8.9    | 2.16   | 8.2   | 1.36   | 6.1    | NNW  | 348 |
|    | 16 | 3.98   | 9.9   | 2.56   | 8.8    | 2.03   | 8.2   | 1.23   | 6.1    | NNW  | 340 |
|    | 18 | 2.87   | 8.3   | 2.35   | 8.2    | 1.87   | 7.8   | 1.21   | 6.1    | NW   | 323 |
|    | 20 | 2.47   | 8.5   | 1.98   | 8.4    | 1.59   | 8.2   | 1.05   | 6.6    | NNW  | 331 |
|    | 22 | 2.12   | 8.8   | 1.87   | 8.5    | 1.50   | 8.6   | 0.94   | 6.6    | NNW  | 331 |
|    | 最大 | 5.89   | 10.7  | 4.90   | 10.4   | 4.02   | 10.3  | 2.45   | 7.3    |      |     |
|    | 平均 | 4.04   | 9.3   | 3.12   | 9.3    | 2.50   | 8.7   | 1.56   | 6.5    |      |     |
| 04 | 00 | * 2.66 | 8.0   | 1.82   | 7.6    | 1.46   | 8.1   | * 0.96 | 6.9    | NNW  | 331 |
|    | 02 | 2.44   | 7.9   | * 1.85 | 7.8    | * 1.50 | 8.2   | 0.94   | 6.7    | NNW  | 340 |
|    | 04 | 2.11   | 7.6   | 1.62   | 8.3    | 1.30   | 7.9   | 0.81   | 6.4    | NNW  | 344 |
|    | 06 | 1.71   | 8.2   | 1.42   | 8.0    | 1.15   | 8.1   | 0.73   | 6.4    | NNW  | 327 |
|    | 08 | 1.49   | 6.9   | 1.30   | 8.1    | 1.03   | 7.8   | 0.66   | 6.3    | NNW  | 331 |
|    | 10 | 1.51   | 8.2   | 1.24   | 7.7    | 1.02   | 7.9   | 0.65   | 6.4    | NNW  | 340 |
|    | 12 | 1.84   | 7.3   | 1.31   | 7.7    | 1.02   | 7.7   | 0.64   | 6.5    | NNW  | 344 |
|    | 14 | 1.63   | 8.5   | 1.18   | 7.2    | 0.90   | 7.1   | 0.56   | 6.0    | N    | 4   |
|    | 16 | 1.26   | 8.5   | 1.05   | 7.4    | 0.84   | 7.4   | 0.53   | 6.0    | NNW  | 327 |
|    | 18 | 1.27   | 6.7   | 0.91   | 6.7    | 0.72   | 6.9   | 0.46   | 5.7    | NNW  | 335 |
|    | 20 | 1.50   | 6.7   | 0.95   | 6.7    | 0.74   | 6.9   | 0.46   | 5.7    | NNW  | 331 |
|    | 22 | 1.17   | 6.7   | 0.90   | 6.9    | 0.74   | 7.1   | 0.45   | 5.9    | NW   | 323 |
|    | 最大 | 2.66   | 8.0   | 1.85   | 7.8    | 1.50   | 8.2   | 0.96   | 6.9    |      |     |

|    |    |        |        |        |        |        |        |        |        |     |     |
|----|----|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|
|    | 平均 | 1.72   | 7.6    | 1.30   | 7.5    | 1.04   | 7.6    | 0.65   | 6.2    |     |     |
| 05 | 00 | 0.96   | 7.9    | 0.68   | 6.8    | 0.54   | 6.8    | 0.35   | 5.6    | NNW | 327 |
|    | 02 | 0.98   | 6.7    | 0.73   | 6.8    | 0.59   | 7.2    | 0.37   | 6.1    | NW  | 323 |
|    | 04 | 2.32   | 4.0    | 1.44   | 4.0    | 1.13   | 4.1    | 0.73   | 3.7    | N   | 9   |
|    | 06 | 2.98   | 4.3    | 2.07   | 4.6    | 1.66   | 4.7    | 1.07   | 4.1    | W   | 266 |
|    | 08 | 2.18   | 4.4    | 1.78   | 4.7    | 1.45   | 4.7    | 0.92   | 4.1    | W   | 266 |
|    | 10 | * 3.84 | 5.5    | * 2.68 | 5.3    | * 2.12 | 5.4    | * 1.34 | 4.7    |     |     |
|    | 12 | 2.85   | 4.5    | 2.47   | 5.1    | 1.96   | 5.0    | 1.25   | 4.5    | W   | 274 |
|    | 14 | 2.62   | 5.3    | 1.83   | 5.5    | 1.47   | 5.4    | 0.94   | 4.6    | NNW | 340 |
|    | 16 | 2.97   | 4.8    | 1.90   | 4.9    | 1.48   | 5.1    | 0.94   | 4.3    | W   | 278 |
|    | 18 | 1.58   | 4.7    | 1.31   | 5.0    | 1.04   | 5.0    | 0.67   | 4.0    | NNW | 348 |
|    | 20 | 1.55   | 5.4    | 1.32   | 5.3    | 1.04   | 5.2    | 0.66   | 4.3    | NNW | 340 |
|    | 22 | 1.72   | 5.2    | 1.23   | 5.0    | 0.96   | 5.1    | 0.62   | 4.4    | NNW | 327 |
|    | 最大 | 3.84   | 5.5    | 2.68   | 5.3    | 2.12   | 5.4    | 1.34   | 4.7    |     |     |
|    | 平均 | 2.21   | 5.2    | 1.62   | 5.3    | 1.29   | 5.3    | 0.82   | 4.5    |     |     |
|    | 06 | 00     | 1.27   | 4.7    | 1.05   | 5.1    | 0.86   | 5.3    | 0.57   | 4.7 | NNW |
| 02 |    | 1.16   | 5.3    | 0.91   | 5.4    | 0.74   | 5.5    | 0.48   | 4.7    | NNW | 340 |
| 04 |    | 1.05   | 5.9    | 0.88   | 5.5    | 0.71   | 5.5    | 0.44   | 4.9    | NW  | 323 |
| 06 |    | 1.36   | 5.7    | 1.15   | 5.4    | 0.92   | 5.4    | 0.57   | 5.0    | WNW | 299 |
| 08 |    | 1.51   | 5.1    | 1.25   | 5.4    | 1.02   | 5.4    | 0.65   | 4.9    | W   | 274 |
| 10 |    | 3.04   | 4.7    | 2.39   | 4.8    | 1.92   | 5.1    | 1.21   | 4.5    | W   | 270 |
| 12 |    | 3.29   | 4.7    | 2.71   | 5.6    | 2.19   | 5.8    | 1.42   | 4.8    | W   | 270 |
| 14 |    | * 3.69 | 6.5    | * 2.88 | 5.8    | * 2.22 | 5.8    | * 1.43 | 4.8    | W   | 274 |
| 16 |    | 3.11   | 6.2    | 2.63   | 5.6    | 2.08   | 5.5    | 1.32   | 4.5    | W   | 274 |
| 18 |    | 3.01   | 4.5    | 2.26   | 5.7    | 1.78   | 5.6    | 1.13   | 4.8    | NW  | 319 |
| 20 |    | 2.32   | 6.1    | 1.70   | 5.9    | 1.36   | 5.8    | 0.91   | 4.8    | WNW | 303 |
| 22 |    | 1.50   | 5.7    | 1.23   | 5.8    | 1.00   | 5.8    | 0.64   | 4.7    | NW  | 311 |
| 最大 |    | 3.69   | 6.5    | 2.88   | 5.8    | 2.22   | 5.8    | 1.43   | 4.8    |     |     |
| 平均 |    | 2.19   | 5.4    | 1.75   | 5.5    | 1.40   | 5.5    | 0.90   | 4.8    |     |     |
| 07 |    | 00     | * 1.25 | 6.2    | * 0.97 | 5.6    | * 0.78 | 5.5    | * 0.49 | 4.6 | WNW |
|    | 02 | 1.11   | 6.3    | 0.87   | 5.7    | 0.68   | 5.7    | 0.43   | 4.9    | NW  | 307 |
|    | 04 | 1.05   | 6.6    | 0.85   | 6.5    | 0.67   | 6.4    | 0.41   | 5.2    | NW  | 311 |
|    | 06 | 1.19   | 6.2    | 0.88   | 6.9    | 0.70   | 7.3    | 0.43   | 5.9    | NW  | 311 |
|    | 08 | 1.20   | 7.0    | 0.94   | 7.5    | 0.75   | 7.5    | 0.46   | 6.3    | NW  | 311 |
|    | 10 | 0.88   | 7.2    | 0.74   | 7.3    | 0.60   | 7.1    | 0.39   | 6.2    | NW  | 307 |
|    | 12 | 0.71   | 6.4    | 0.58   | 7.0    | 0.46   | 6.9    | 0.30   | 5.8    | NW  | 311 |
|    | 14 | 0.81   | 6.6    | 0.57   | 6.8    | 0.44   | 6.8    | 0.28   | 5.4    | NW  | 307 |
|    | 16 | 0.90   | 6.3    | 0.58   | 6.1    | 0.46   | 6.1    | 0.29   | 5.1    | NW  | 323 |
|    | 18 | 0.93   | 5.4    | 0.75   | 5.2    | 0.61   | 5.3    | 0.39   | 4.4    | WNW | 303 |
|    | 20 | 0.84   | 5.2    | 0.59   | 5.8    | 0.48   | 5.7    | 0.31   | 4.6    | NW  | 315 |
|    | 22 | 0.88   | 4.4    | 0.68   | 5.7    | 0.53   | 5.6    | 0.34   | 4.1    | NW  | 307 |
|    | 最大 | 1.25   | 6.2    | 0.97   | 5.6    | 0.78   | 5.5    | 0.49   | 4.6    |     |     |
|    | 平均 | 0.98   | 6.2    | 0.75   | 6.3    | 0.60   | 6.3    | 0.38   | 5.2    |     |     |
|    | 08 | 00     | 1.60   | 4.9    | 1.24   | 5.1    | 0.98   | 5.1    | 0.62   | 4.2 | W   |
| 02 |    | 0.98   | 6.2    | 0.77   | 5.8    | 0.62   | 5.3    | 0.41   | 4.4    | NW  | 319 |
| 04 |    | 1.39   | 6.0    | 1.06   | 6.5    | 0.82   | 6.1    | 0.53   | 4.9    | NW  | 307 |
| 06 |    | 1.23   | 6.1    | 0.99   | 5.7    | 0.79   | 5.9    | 0.51   | 4.9    | NW  | 315 |
| 08 |    | 0.92   | 6.2    | 0.73   | 5.7    | 0.61   | 5.9    | 0.39   | 4.9    | NW  | 311 |
| 10 |    | 1.11   | 7.6    | 0.77   | 6.7    | 0.63   | 6.2    | 0.41   | 4.8    | NW  | 307 |
| 12 |    | 2.08   | 5.0    | 1.33   | 4.8    | 1.09   | 4.7    | 0.72   | 3.7    | NW  | 315 |
| 14 |    | 3.00   | 4.8    | 1.90   | 4.3    | 1.51   | 4.4    | 0.93   | 3.7    | NNW | 343 |
| 16 |    | 2.58   | 4.9    | 2.00   | 5.0    | 1.65   | 5.1    | 1.08   | 4.5    | WNW | 282 |
| 18 |    | 2.24   | 5.8    | 1.83   | 6.0    | 1.48   | 5.6    | 0.96   | 4.6    | W   | 274 |
| 20 |    | 2.15   | 5.0    | 1.67   | 5.2    | 1.33   | 5.3    | 0.84   | 4.4    | WNW | 286 |
| 22 |    | * 3.50 | 5.5    | * 2.43 | 5.1    | * 1.94 | 5.1    | * 1.24 | 4.3    | W   | 274 |
| 最大 |    | 3.50   | 5.5    | 2.43   | 5.1    | 1.94   | 5.1    | 1.24   | 4.3    |     |     |
| 平均 |    | 1.90   | 5.7    | 1.39   | 5.5    | 1.12   | 5.4    | 0.72   | 4.4    |     |     |
| 09 |    | 00     | 2.50   | 4.6    | 1.95   | 5.5    | 1.59   | 5.2    | 1.04   | 4.3 | W   |
|    | 02 | 2.78   | 5.3    | 2.10   | 5.4    | 1.64   | 5.5    | 1.02   | 4.5    | WNW | 303 |
|    | 04 | * 3.42 | 5.8    | * 2.42 | 5.3    | * 1.94 | 5.5    | * 1.21 | 4.7    | NW  | 323 |
|    | 06 | 2.79   | 5.3    | 2.14   | 5.3    | 1.71   | 5.3    | 1.11   | 4.6    | NW  | 319 |
|    | 08 | 2.61   | 5.2    | 1.81   | 5.6    | 1.44   | 5.5    | 0.92   | 4.6    | NNW | 327 |
|    | 10 | 2.61   | 6.3    | 1.88   | 6.5    | 1.47   | 6.3    | 0.94   | 5.3    | NW  | 323 |
|    | 12 | 2.33   | 6.3    | 1.73   | 6.8    | 1.36   | 6.7    | 0.85   | 5.6    | NNW | 335 |
|    | 14 | 2.03   | 7.0    | 1.60   | 6.8    | 1.26   | 6.9    | 0.82   | 6.0    | NW  | 323 |
|    | 16 | 2.17   | 7.5    | 1.55   | 6.8    | 1.28   | 7.1    | 0.84   | 6.2    | NW  | 319 |
|    | 18 | 2.38   | 8.1    | 1.89   | 7.9    | 1.55   | 7.7    | 0.98   | 6.7    | NNW | 335 |
|    | 20 | 2.56   | 8.7    | 2.05   | 8.7    | 1.71   | 8.6    | 1.09   | 7.4    | NNW | 340 |
|    | 22 | 2.29   | 9.5    | 1.90   | 8.7    | 1.58   | 8.7    | 1.03   | 7.4    | NNW | 331 |



|          |          |              |              |              |              |              |              |              |              |            |     |     |
|----------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----|-----|
|          |          | 最大<br>平均     | 3.42<br>2.54 | 5.8<br>6.6   | 2.42<br>1.92 | 5.3<br>6.6   | 1.94<br>1.54 | 5.5<br>6.6   | 1.21<br>0.99 | 4.7<br>5.6 |     |     |
| 10       | 00       | 2.64         | 8.7          | 2.02         | 9.3          | 1.58         | 9.0          | 0.95         | 7.4          | NW         | 323 |     |
|          | 02       | 2.61         | 8.9          | 1.74         | 8.8          | 1.44         | 9.0          | 0.87         | 7.3          | NNW        | 335 |     |
|          | 04       | 1.81         | 8.9          | 1.32         | 9.0          | 1.07         | 8.6          | 0.66         | 6.6          | NNW        | 335 |     |
|          | 06       | 2.74         | 5.6          | 2.27         | 5.2          | 1.87         | 5.3          | 1.24         | 4.5          | W          | 266 |     |
|          | 08       | 3.37         | 6.0          | 2.94         | 5.5          | 2.36         | 5.4          | 1.48         | 4.6          | W          | 270 |     |
|          | 10       | 3.85         | 6.0          | 2.85         | 5.8          | 2.32         | 6.0          | 1.52         | 5.0          | W          | 278 |     |
|          | 12       | 3.50         | 5.3          | 2.70         | 5.9          | 2.21         | 5.8          | 1.40         | 4.9          | NNW        | 331 |     |
|          | 14       | 5.14         | 7.6          | 4.23         | 7.5          | 3.34         | 7.5          | 2.07         | 6.0          | NNW        | 331 |     |
|          | 16       | 5.36         | 7.3          | 3.93         | 6.6          | 3.09         | 7.0          | 1.89         | 5.8          | NW         | 323 |     |
|          | 18       | 5.33         | 7.4          | 4.13         | 9.2          | 3.36         | 8.7          | 2.15         | 7.0          | NW         | 323 |     |
|          | 20       | * 6.45       | 9.1          | * 4.44       | 9.0          | * 3.51       | 9.2          | * 2.25       | 7.0          | NW         | 323 |     |
|          | 22       | 4.88         | 7.5          | 3.86         | 9.8          | 3.09         | 8.9          | 1.88         | 6.4          | NNW        | 331 |     |
|          | 最大<br>平均 | 6.45<br>3.97 | 9.1<br>7.4   | 4.44<br>3.04 | 9.0<br>7.6   | 3.51<br>2.44 | 9.2<br>7.5   | 2.25<br>1.53 | 7.0<br>6.0   |            |     |     |
|          | 11       | 00           | 4.94         | 6.8          | 4.02         | 9.1          | 3.19         | 8.8          | 1.98         | 6.5        | NNW | 331 |
|          |          | 02           | 6.54         | 9.6          | 4.62         | 8.7          | 3.55         | 8.3          | 2.19         | 6.7        | NNW | 327 |
|          |          | 04           | * 6.64       | 11.3         | * 5.20       | 9.7          | 3.91         | 9.5          | 2.43         | 7.2        | NNW | 335 |
|          |          | 06           | 6.16         | 8.5          | 4.77         | 9.5          | * 4.03       | 9.3          | * 2.60       | 7.4        | NW  | 323 |
|          |          | 08           | 5.61         | 11.0         | 4.61         | 9.9          | 3.95         | 9.9          | 2.45         | 7.3        | NNW | 331 |
|          |          | 10           | 5.11         | 8.5          | 4.41         | 9.6          | 3.38         | 9.2          | 2.06         | 6.8        | NNW | 331 |
|          |          | 12           | 4.66         | 8.5          | 3.60         | 9.5          | 2.94         | 9.5          | 1.86         | 7.0        | NNW | 327 |
|          |          | 14           | 4.23         | 10.2         | 3.56         | 9.8          | 2.92         | 9.5          | 1.74         | 7.0        | NNW | 327 |
|          |          | 16           | 4.21         | 8.9          | 3.18         | 9.8          | 2.53         | 9.3          | 1.56         | 7.0        | NNW | 331 |
| 18       |          | 3.25         | 10.0         | 2.79         | 9.2          | 2.25         | 9.3          | 1.38         | 7.1          | NNW        | 344 |     |
| 20       |          | 3.81         | 8.7          | 2.62         | 9.2          | 2.01         | 9.4          | 1.29         | 7.5          | NNW        | 327 |     |
| 22       |          | 3.07         | 9.8          | 2.56         | 9.6          | 2.10         | 9.2          | 1.35         | 7.9          | NNW        | 340 |     |
| 最大<br>平均 |          | 6.64<br>4.85 | 11.3<br>9.3  | 5.20<br>3.83 | 9.7<br>9.5   | 4.03<br>3.06 | 9.3<br>9.3   | 2.60<br>1.91 | 7.4<br>7.1   |            |     |     |
| 12       |          | 00           | 2.97         | 9.0          | 2.34         | 9.4          | 1.82         | 9.7          | 1.17         | 8.3        | NNW | 331 |
|          |          | 02           | * 3.40       | 9.7          | * 2.51       | 9.5          | * 1.97       | 9.3          | * 1.24       | 7.8        | NNW | 348 |
|          |          | 04           | 3.37         | 8.9          | 2.37         | 9.1          | 1.86         | 9.2          | 1.17         | 7.8        | NNW | 340 |
|          |          | 06           | 2.31         | 8.4          | 1.99         | 8.8          | 1.59         | 9.0          | 1.01         | 7.5        | NNW | 331 |
|          |          | 08           | 2.22         | 9.0          | 1.76         | 8.7          | 1.38         | 8.7          | 0.88         | 7.7        | NNW | 335 |
|          |          | 10           | 1.72         | 8.4          | 1.37         | 8.1          | 1.14         | 8.2          | 0.76         | 7.4        | NNW | 344 |
|          |          | 12           | 1.44         | 8.3          | 1.19         | 8.0          | 0.99         | 7.9          | 0.64         | 6.9        | NNW | 335 |
|          |          | 14           | 1.09         | 8.1          | 0.99         | 7.6          | 0.76         | 7.8          | 0.48         | 6.3        | NNW | 331 |
|          |          | 16           | 0.89         | 7.9          | 0.73         | 7.6          | 0.60         | 8.0          | 0.40         | 6.5        | NNW | 331 |
|          | 18       | 0.81         | 8.1          | 0.67         | 7.4          | 0.53         | 7.4          | 0.33         | 6.1          | NNW        | 327 |     |
|          | 20       | 0.97         | 7.3          | 0.68         | 6.9          | 0.54         | 6.7          | 0.34         | 5.9          | NNW        | 340 |     |
|          | 22       | 0.81         | 6.6          | 0.64         | 6.6          | 0.50         | 6.5          | 0.32         | 5.4          | NW         | 323 |     |
|          | 最大<br>平均 | 3.40<br>1.83 | 9.7<br>8.3   | 2.51<br>1.44 | 9.5<br>8.1   | 1.97<br>1.14 | 9.3<br>8.2   | 1.24<br>0.73 | 7.8<br>7.0   |            |     |     |
|          | 13       | 00           | 0.63         | 6.2          | 0.55         | 6.7          | 0.45         | 6.4          | 0.29         | 5.4        | NNW | 331 |
|          |          | 02           | 0.69         | 5.9          | 0.52         | 6.1          | 0.41         | 6.3          | 0.27         | 5.3        | NNW | 331 |
|          |          | 04           | 0.60         | 6.1          | 0.49         | 6.1          | 0.40         | 6.1          | 0.26         | 5.3        | NNW | 327 |
|          |          | 06           | 0.88         | 4.2          | 0.47         | 5.8          | 0.37         | 6.0          | 0.23         | 4.5        | NNW | 327 |
|          |          | 08           | 0.54         | 4.8          | 0.42         | 5.3          | 0.34         | 5.3          | 0.21         | 4.0        | NW  | 315 |
|          |          | 10           | 0.70         | 4.9          | 0.51         | 4.8          | 0.42         | 4.6          | 0.27         | 3.6        | NW  | 311 |
|          |          | 12           | 1.02         | 5.1          | 0.80         | 5.4          | 0.65         | 5.4          | 0.42         | 4.6        | W   | 270 |
|          |          | 14           | 1.35         | 6.1          | 1.02         | 5.6          | 0.83         | 5.6          | 0.52         | 4.7        | WNW | 286 |
|          |          | 16           | 1.51         | 6.1          | 1.23         | 4.7          | 0.97         | 4.7          | 0.60         | 3.8        | W   | 278 |
| 18       |          | 2.19         | 5.2          | 1.85         | 5.0          | 1.45         | 5.0          | 0.94         | 4.3          | WNW        | 290 |     |
| 20       |          | 2.36         | 5.3          | 1.89         | 5.1          | 1.50         | 5.1          | 0.92         | 4.3          | WNW        | 299 |     |
| 22       |          | * 3.22       | 5.5          | * 2.18       | 5.5          | * 1.72       | 5.5          | * 1.07       | 4.6          | NNW        | 335 |     |
| 最大<br>平均 |          | 3.22<br>1.31 | 5.5<br>5.5   | 2.18<br>0.99 | 5.5<br>5.5   | 1.72<br>0.79 | 5.5<br>5.5   | 1.07<br>0.50 | 4.6<br>4.5   |            |     |     |
| 14       |          | 00           | 2.73         | 5.1          | 1.99         | 5.5          | 1.56         | 5.3          | 0.99         | 4.5        | NNW | 340 |
|          |          | 02           | 2.42         | 5.2          | 1.86         | 5.8          | 1.51         | 5.7          | 0.97         | 4.7        | NNW | 331 |
|          |          | 04           | 2.77         | 5.7          | 2.28         | 5.9          | 1.84         | 6.0          | 1.18         | 5.0        | NW  | 315 |
|          |          | 06           | 3.37         | 6.9          | 2.40         | 6.5          | 1.97         | 6.2          | 1.28         | 5.1        | NNW | 327 |
|          |          | 08           | 3.85         | 6.5          | 2.77         | 7.4          | 2.17         | 7.1          | 1.33         | 5.4        | NW  | 323 |
|          |          | 10           | 3.58         | 7.0          | 2.60         | 7.4          | 2.04         | 7.3          | 1.30         | 5.7        | NW  | 315 |
|          |          | 12           | * 3.90       | 10.0         | * 3.03       | 8.2          | * 2.33       | 8.1          | * 1.43       | 6.1        | NW  | 311 |
|          |          | 14           | 3.20         | 7.1          | 2.67         | 8.5          | 2.20         | 8.2          | 1.36         | 6.3        | NW  | 319 |

|  |    |        |        |        |        |        |        |        |        |     |     |
|--|----|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|
|  | 16 | 3.55   | 8.6    | 2.61   | 8.2    | 2.14   | 8.1    | 1.39   | 6.6    | NW  | 315 |
|  | 18 | 2.90   | 8.2    | 2.35   | 8.5    | 1.89   | 8.1    | 1.23   | 6.5    | NNW | 327 |
|  | 20 | 3.03   | 8.3    | 2.25   | 8.7    | 1.81   | 8.4    | 1.15   | 6.7    | NW  | 319 |
|  | 22 | 3.05   | 7.3    | 1.98   | 7.6    | 1.60   | 7.9    | 1.04   | 6.8    | NNW | 335 |
|  | 最大 | 3.90   | 10.0   | 3.03   | 8.2    | 2.33   | 8.1    | 1.43   | 6.1    |     |     |
|  |    | 3.20   | 7.2    | 2.40   | 7.4    | 1.92   | 7.2    | 1.22   | 5.8    |     |     |
|  | 15 | 00     | 2.26   | 7.8    | 1.87   | 7.9    | 1.55   | 8.0    | 6.7    | NNW | 340 |
|  |    | 02     | 2.30   | 7.4    | * 1.97 | 7.8    | * 1.57 | 7.9    | * 1.00 | NNW | 327 |
|  |    | 04     | * 2.63 | 8.2    | 1.82   | 8.1    | 1.38   | 8.1    | 0.84   | NW  | 323 |
|  |    | 06     | 2.56   | 8.6    | 1.75   | 8.1    | 1.40   | 8.1    | 0.86   | NW  | 319 |
|  |    | 08     | 2.09   | 7.3    | 1.39   | 7.6    | 1.11   | 7.7    | 0.69   | NNW | 344 |
|  |    | 10     | 1.70   | 7.9    | 1.45   | 7.7    | 1.19   | 7.8    | 0.76   | NNW | 340 |
|  |    | 12     | 1.85   | 7.1    | 1.23   | 7.3    | 0.99   | 7.5    | 0.60   | NNW | 331 |
|  |    | 14     | 1.63   | 6.4    | 1.11   | 7.2    | 0.91   | 7.4    | 0.57   | NNW | 344 |
|  |    | 16     | 1.18   | 6.2    | 1.00   | 6.9    | 0.82   | 7.0    | 0.53   | NW  | 319 |
|  |    | 18     | 1.24   | 7.1    | 0.92   | 6.9    | 0.72   | 6.9    | 0.45   | N   | 4   |
|  | 20 | 1.07   | 7.1    | 0.78   | 6.6    | 0.61   | 6.7    | 0.39   | 5.6    | N   | 0   |
|  | 22 | 0.96   | 6.4    | 0.72   | 6.6    | 0.57   | 6.6    | 0.37   | 5.8    | NNW | 331 |
|  | 最大 | 2.63   | 8.2    | 1.97   | 7.8    | 1.57   | 7.9    | 1.00   | 7.1    |     |     |
|  |    | 1.79   | 7.3    | 1.33   | 7.4    | 1.07   | 7.5    | 0.67   | 6.4    |     |     |
|  | 16 | 00     | 0.96   | 5.8    | 0.79   | 6.5    | 0.62   | 6.7    | 0.40   | N   | 356 |
|  |    | 02     | 1.04   | 6.6    | 0.79   | 6.4    | 0.60   | 6.3    | 0.39   | NNW | 344 |
|  |    | 04     | 0.88   | 5.8    | 0.74   | 6.3    | 0.62   | 6.3    | 0.40   | NW  | 319 |
|  |    | 06     | 0.92   | 5.7    | 0.71   | 6.1    | 0.59   | 6.1    | 0.39   | NW  | 315 |
|  |    | 08     | 1.01   | 6.1    | 0.79   | 6.4    | 0.64   | 6.4    | 0.40   | WNW | 303 |
|  |    | 10     | 1.01   | 6.1    | 0.75   | 6.5    | 0.61   | 6.5    | 0.38   | NW  | 311 |
|  |    | 12     | 2.35   | 5.0    | 1.79   | 4.6    | 1.44   | 4.8    | 0.93   | W   | 270 |
|  |    | 14     | 3.81   | 4.9    | 2.44   | 5.2    | 1.96   | 5.1    | 1.25   | W   | 274 |
|  |    | 16     | 3.31   | 5.7    | 2.44   | 5.4    | 1.93   | 5.4    | 1.23   | W   | 274 |
|  |    | 18     | 3.33   | 5.4    | 2.67   | 5.5    | 2.18   | 5.4    | 1.39   | NW  | 315 |
|  | 20 | * 3.96 | 5.9    | * 2.78 | 6.1    | * 2.19 | 6.0    | * 1.41 | 5.2    | N   | 352 |
|  | 22 | 2.52   | 5.9    | 2.03   | 5.7    | 1.61   | 5.9    | 1.01   | 4.9    | N   | 352 |
|  | 最大 | 3.96   | 5.9    | 2.78   | 6.1    | 2.19   | 6.0    | 1.41   | 5.2    |     |     |
|  |    | 2.09   | 5.7    | 1.56   | 5.9    | 1.25   | 5.9    | 0.80   | 5.2    |     |     |
|  | 17 | 00     | 2.27   | 5.6    | * 1.87 | 6.0    | * 1.51 | 6.0    | * 0.97 | NNW | 340 |
|  |    | 02     | * 2.69 | 5.9    | 1.79   | 6.2    | 1.37   | 6.2    | 0.83   | NNW | 335 |
|  |    | 04     | 2.40   | 6.3    | 1.60   | 6.3    | 1.26   | 6.4    | 0.80   | NNW | 327 |
|  |    | 06     | 1.82   | 6.9    | 1.41   | 6.6    | 1.17   | 6.7    | 0.74   | NW  | 323 |
|  |    | 08     | 1.97   | 6.3    | 1.10   | 6.8    | 0.86   | 6.6    | 0.56   | NW  | 319 |
|  |    | 10     | 1.61   | 7.9    | 1.23   | 7.0    | 0.95   | 6.9    | 0.60   | NNW | 331 |
|  |    | 12     | 1.92   | 6.8    | 1.51   | 7.7    | 1.19   | 7.8    | 0.75   | NNW | 331 |
|  |    | 14     | 1.82   | 6.5    | 1.48   | 7.7    | 1.21   | 7.7    | 0.77   | NW  | 323 |
|  |    | 16     | 1.66   | 6.8    | 1.18   | 7.5    | 0.88   | 6.9    | 0.51   | NW  | 323 |
|  |    | 18     | 1.50   | 7.4    | 1.30   | 7.5    | 1.03   | 7.5    | 0.64   | NNW | 340 |
|  | 20 | 1.35   | 7.0    | 1.01   | 7.2    | 0.79   | 7.2    | 0.48   | 6.2    | NNW | 335 |
|  | 22 | 0.96   | 6.8    | 0.76   | 7.1    | 0.63   | 7.1    | 0.41   | 6.3    | NNW | 331 |
|  | 最大 | 2.69   | 5.9    | 1.87   | 6.0    | 1.51   | 6.0    | 0.97   | 5.1    |     |     |
|  |    | 1.83   | 6.7    | 1.35   | 7.0    | 1.07   | 6.9    | 0.67   | 5.8    |     |     |
|  | 18 | 00     | 0.96   | 8.1    | 0.80   | 7.3    | 0.63   | 7.1    | 0.42   | NNW | 344 |
|  |    | 02     | 0.86   | 6.6    | 0.57   | 6.7    | 0.44   | 6.6    | 0.27   | NNW | 335 |
|  |    | 04     | 0.61   | 5.9    | 0.46   | 6.7    | 0.38   | 6.7    | 0.24   | NNW | 340 |
|  |    | 06     | 0.77   | 5.3    | 0.58   | 5.5    | 0.46   | 5.1    | 0.30   | NNW | 340 |
|  |    | 08     | 0.96   | 2.8    | 0.62   | 4.0    | 0.48   | 3.8    | 0.30   | W   | 260 |
|  |    | 10     | 0.61   | 4.3    | 0.44   | 5.1    | 0.36   | 5.1    | 0.23   | W   | 274 |
|  |    | 12     | 0.68   | 5.2    | 0.53   | 5.4    | 0.42   | 5.4    | 0.27   | W   | 274 |
|  |    | 14     | 0.98   | 5.4    | 0.65   | 5.1    | 0.52   | 4.6    | 0.32   | WSW | 258 |
|  |    | 16     | 1.13   | 5.0    | 0.77   | 3.6    | 0.60   | 3.6    | 0.39   | NNE | 22  |
|  |    | 18     | 0.93   | 5.0    | 0.64   | 5.4    | 0.52   | 5.1    | 0.32   | W   | 270 |
|  | 20 | 1.30   | 5.6    | * 1.02 | 5.1    | * 0.82 | 4.9    | * 0.53 | 4.1    | W   | 274 |
|  | 22 | * 1.36 | 4.7    | 0.82   | 4.6    | 0.65   | 4.6    | 0.42   | 3.9    | WNW | 286 |
|  | 最大 | 1.36   | 4.7    | 1.02   | 5.1    | 0.82   | 4.9    | 0.53   | 4.1    |     |     |
|  |    | 0.93   | 5.3    | 0.66   | 5.4    | 0.52   | 5.2    | 0.33   | 4.1    |     |     |
|  | 19 | 00     | 1.22   | 3.5    | 1.01   | 3.7    | 0.82   | 3.7    | 0.54   | N   | 2   |
|  |    | 02     | 1.20   | 3.4    | 0.86   | 4.1    | 0.67   | 4.2    | 0.43   | WSW | 248 |
|  |    | 04     | 1.16   | 4.4    | 0.94   | 4.3    | 0.76   | 4.3    | 0.50   | N   | 11  |
|  |    | 06     | 1.47   | 4.2    | 1.14   | 4.2    | 0.92   | 4.2    | 0.59   | W   | 268 |
|  |    | 08     | 2.19   | 5.0    | 1.53   | 4.4    | 1.18   | 4.5    | 0.74   |     |     |
|  |    | 10     | 1.89   | 4.2    | 1.49   | 4.3    | 1.25   | 4.4    | 0.82   | W   | 269 |

|    |          |        |     |        |     |        |     |        |     |     |     |
|----|----------|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 12       | * 2.55 | 5.9 | * 1.97 | 5.0 | * 1.56 | 5.0 | * 1.01 | 4.2 | W   | 262 |
|    | 14       | 1.32   | 4.9 | 0.99   | 4.4 | 0.77   | 4.5 | 0.49   | 3.8 | W   | 270 |
|    | 16       | 1.30   | 4.1 | 1.03   | 4.5 | 0.85   | 4.7 | 0.57   | 4.1 | W   | 270 |
|    | 18       | 1.81   | 4.8 | 1.45   | 4.9 | 1.16   | 5.0 | 0.74   | 4.3 | WNW | 290 |
|    | 20       | 1.59   | 6.0 | 1.33   | 5.3 | 1.09   | 5.2 | 0.69   | 4.6 | WNW | 299 |
|    | 22       | 1.22   | 5.7 | 0.91   | 5.9 | 0.73   | 5.9 | 0.46   | 5.1 | NNW | 340 |
|    | 最大<br>平均 | 2.55   | 5.9 | 1.97   | 5.0 | 1.56   | 5.0 | 1.01   | 4.2 |     |     |
|    |          | 1.58   | 4.7 | 1.22   | 4.6 | 0.98   | 4.6 | 0.63   | 4.0 |     |     |
| 20 | 00       | 1.14   | 6.2 | 0.84   | 6.2 | 0.68   | 6.3 | 0.45   | 5.6 | NW  | 319 |
|    | 02       | 1.65   | 8.5 | 1.40   | 7.7 | 1.09   | 7.7 | 0.70   | 6.5 | NW  | 319 |
|    | 04       | 2.01   | 8.2 | 1.70   | 8.7 | 1.37   | 8.7 | 0.85   | 6.9 | NNW | 327 |
|    | 06       | 2.29   | 7.4 | 1.66   | 8.3 | 1.33   | 8.2 | 0.81   | 6.5 | NNW | 327 |
|    | 08       | 1.64   | 7.9 | 1.19   | 7.5 | 1.02   | 7.4 | 0.66   | 6.1 | NW  | 311 |
|    | 10       | 1.39   | 7.6 | 1.14   | 7.6 | 0.91   | 7.3 | 0.56   | 5.4 | NW  | 319 |
|    | 12       | 1.18   | 6.0 | 1.00   | 6.9 | 0.79   | 6.8 | 0.51   | 5.7 | WNW | 303 |
|    | 14       | 1.36   | 6.8 | 0.96   | 6.6 | 0.78   | 6.5 | 0.50   | 5.2 | NNW | 327 |
|    | 16       | 1.52   | 6.6 | 1.07   | 6.8 | 0.85   | 7.0 | 0.54   | 6.0 | NNW | 327 |
|    | 18       | 1.11   | 7.5 | 0.88   | 7.0 | 0.70   | 6.9 | 0.46   | 6.0 | NNW | 327 |
|    | 20       | 1.20   | 6.7 | 0.77   | 6.9 | 0.58   | 7.0 | 0.34   | 5.5 | NNW | 340 |
|    | 22       | * 2.79 | 4.1 | * 2.28 | 4.9 | * 1.87 | 4.9 | * 1.24 | 4.4 | W   | 278 |
|    | 最大<br>平均 | 2.79   | 4.1 | 2.28   | 4.9 | 1.87   | 4.9 | 1.24   | 4.4 |     |     |
|    |          | 1.61   | 7.0 | 1.24   | 7.1 | 1.00   | 7.1 | 0.64   | 5.8 |     |     |
| 21 | 00       | 4.78   | 5.2 | 3.68   | 6.0 | 2.93   | 6.2 | 1.85   | 5.3 | NW  | 315 |
|    | 02       | 5.41   | 7.4 | * 4.54 | 7.4 | * 3.70 | 7.6 | * 2.34 | 6.5 | NNW | 335 |
|    | 04       | * 7.28 | 7.3 | 4.24   | 7.4 | 3.24   | 7.2 | 2.01   | 5.8 | NNW | 327 |
|    | 06       | 4.86   | 7.0 | 4.20   | 7.7 | 3.48   | 7.7 | 2.18   | 6.2 | NNW | 344 |
|    | 08       | 4.23   | 8.8 | 3.77   | 7.2 | 3.04   | 7.4 | 1.90   | 5.9 | NNW | 335 |
|    | 10       | 5.03   | 7.4 | 3.36   | 7.8 | 2.64   | 7.5 | 1.60   | 5.7 | NNW | 327 |
|    | 12       | 4.06   | 6.6 | 2.87   | 8.1 | 2.20   | 7.9 | 1.36   | 5.9 | NNW | 340 |
|    | 14       | 3.79   | 8.3 | 2.47   | 8.0 | 1.93   | 7.5 | 1.18   | 5.8 | NNW | 327 |
|    | 16       | 3.35   | 7.8 | 2.47   | 7.8 | 2.00   | 7.9 | 1.20   | 6.2 | NW  | 315 |
|    | 18       | 2.99   | 7.0 | 2.27   | 8.3 | 1.78   | 7.9 | 1.07   | 6.3 | NW  | 323 |
|    | 20       | 2.97   | 7.8 | 2.16   | 8.5 | 1.79   | 8.5 | 1.16   | 7.3 | NNW | 344 |
|    | 22       | 4.38   | 8.9 | 2.40   | 9.0 | 1.82   | 8.7 | 1.17   | 7.4 | NNW | 331 |
|    | 最大<br>平均 | 7.28   | 7.3 | 4.54   | 7.4 | 3.70   | 7.6 | 2.34   | 6.5 |     |     |
|    |          | 4.43   | 7.5 | 3.20   | 7.8 | 2.55   | 7.7 | 1.59   | 6.2 |     |     |
| 22 | 00       | * 2.91 | 8.9 | 2.10   | 8.7 | 1.70   | 8.5 | 1.10   | 7.5 | NNW | 331 |
|    | 02       | 2.88   | 7.5 | * 2.41 | 8.4 | * 1.91 | 8.7 | * 1.16 | 7.6 | NNW | 327 |
|    | 04       | 2.23   | 8.7 | 1.69   | 8.5 | 1.41   | 8.5 | 0.92   | 7.5 | NNW | 327 |
|    | 06       | 1.94   | 7.3 | 1.55   | 8.0 | 1.25   | 8.1 | 0.80   | 7.2 | NNW | 327 |
|    | 08       | 1.77   | 7.9 | 1.23   | 8.0 | 0.95   | 8.0 | 0.61   | 6.7 | NNW | 327 |
|    | 10       | 1.41   | 7.8 | 1.10   | 7.9 | 0.90   | 7.7 | 0.56   | 6.6 | N   | 352 |
|    | 12       | 1.18   | 8.1 | 0.96   | 7.3 | 0.80   | 7.6 | 0.51   | 6.5 | NNW | 340 |
|    | 14       | 1.13   | 6.0 | 0.93   | 6.9 | 0.75   | 7.1 | 0.48   | 6.1 | NNW | 335 |
|    | 16       | 0.99   | 8.2 | 0.77   | 6.8 | 0.63   | 6.8 | 0.39   | 5.6 | NW  | 319 |
|    | 18       | 1.30   | 6.2 | 1.06   | 6.1 | 0.83   | 6.0 | 0.51   | 5.5 | NW  | 307 |
|    | 20       | 1.49   | 6.0 | 1.00   | 5.7 | 0.80   | 5.8 | 0.51   | 4.8 | NW  | 315 |
|    | 22       | 1.14   | 6.0 | 0.91   | 5.5 | 0.74   | 5.7 | 0.48   | 4.8 | NW  | 307 |
|    | 最大<br>平均 | 2.91   | 8.9 | 2.41   | 8.4 | 1.91   | 8.7 | 1.16   | 7.6 |     |     |
|    |          | 1.70   | 7.4 | 1.31   | 7.3 | 1.06   | 7.4 | 0.67   | 6.4 |     |     |
| 23 | 00       | 1.35   | 4.8 | 0.88   | 5.4 | 0.72   | 5.2 | 0.45   | 4.0 | NW  | 311 |
|    | 02       | 1.71   | 4.2 | 1.27   | 4.5 | 1.02   | 4.5 | 0.64   | 3.9 | WNW | 299 |
|    | 04       | 1.74   | 5.0 | 1.28   | 4.8 | 0.99   | 4.8 | 0.62   | 4.0 | WNW | 303 |
|    | 06       | 1.57   | 5.4 | 1.21   | 4.9 | 0.96   | 4.9 | 0.63   | 4.3 | NW  | 323 |
|    | 08       | 1.82   | 5.3 | 1.30   | 5.4 | 1.04   | 5.6 | 0.67   | 4.8 | WNW | 303 |
|    | 10       | 2.25   | 5.8 | 1.51   | 6.2 | 1.16   | 5.9 | 0.72   | 4.9 | WNW | 303 |
|    | 12       | 1.98   | 6.4 | 1.48   | 6.1 | 1.26   | 6.0 | 0.81   | 4.9 | NW  | 319 |
|    | 14       | * 2.29 | 6.5 | * 1.56 | 6.5 | * 1.31 | 6.6 | * 0.86 | 5.4 | NW  | 319 |
|    | 16       | 1.81   | 6.0 | 1.53   | 7.2 | 1.24   | 6.9 | 0.78   | 5.4 | NW  | 323 |
|    | 18       | 1.91   | 6.6 | 1.42   | 7.0 | 1.15   | 6.9 | 0.73   | 5.5 | NNW | 335 |
|    | 20       | 1.36   | 7.9 | 1.16   | 6.9 | 0.93   | 6.6 | 0.62   | 5.4 | NW  | 315 |
|    | 22       | 1.40   | 5.8 | 1.03   | 6.8 | 0.81   | 6.7 | 0.52   | 5.1 | NW  | 319 |
|    | 最大<br>平均 | 2.29   | 6.5 | 1.56   | 6.5 | 1.31   | 6.6 | 0.86   | 5.4 |     |     |
|    |          | 1.77   | 5.8 | 1.30   | 6.0 | 1.05   | 5.9 | 0.67   | 4.8 |     |     |
| 24 | 00       | 1.35   | 7.0 | 1.12   | 7.2 | 0.90   | 7.1 | 0.57   | 5.7 | NNW | 335 |
|    | 02       | 1.55   | 7.9 | 1.24   | 7.6 | 0.99   | 7.5 | * 0.65 | 6.5 | NNW | 335 |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 04 | 1.65   | 7.4 | * 1.30 | 7.7 | * 1.03 | 7.7 | 0.64   | 6.3 | NNW | 348 |
|    | 06 | 1.41   | 7.2 | 1.09   | 7.3 | 0.86   | 7.1 | 0.55   | 5.8 | NW  | 319 |
|    | 08 | 1.20   | 6.9 | 1.05   | 7.3 | 0.85   | 7.2 | 0.54   | 5.7 | NNW | 335 |
|    | 10 | * 1.70 | 5.8 | 1.06   | 7.0 | 0.83   | 6.7 | 0.52   | 5.2 | NNW | 327 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 1.46   | 7.0 | 1.02   | 6.0 | 0.83   | 5.4 | 0.54   | 4.2 | NNW | 348 |
|    | 14 | 1.61   | 5.6 | 1.06   | 5.3 | 0.87   | 5.1 | 0.56   | 4.2 | NNW | 335 |
|    | 16 | 1.58   | 4.8 | 1.07   | 5.0 | 0.87   | 5.2 | 0.56   | 4.2 | NNW | 327 |
|    | 18 | 1.34   | 6.1 | 1.07   | 6.0 | 0.87   | 5.6 | 0.57   | 4.6 | NNW | 340 |
|    | 20 | 1.15   | 6.6 | 0.95   | 6.1 | 0.75   | 5.9 | 0.46   | 4.6 | NNW | 331 |
|    | 22 | 1.24   | 5.2 | 0.87   | 5.7 | 0.68   | 5.5 | 0.44   | 4.8 | NNW | 327 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 1.70   | 5.8 | 1.30   | 7.7 | 1.03   | 7.7 | 0.65   | 6.5 |     |     |
|    | 平均 | 1.44   | 6.5 | 1.08   | 6.5 | 0.86   | 6.3 | 0.55   | 5.2 |     |     |
| 25 | 00 | 0.81   | 6.2 | 0.71   | 5.7 | 0.56   | 5.8 | 0.36   | 4.7 | NNW | 331 |
|    | 02 | 0.99   | 7.1 | 0.77   | 6.4 | 0.61   | 6.0 | 0.39   | 5.0 | NNW | 335 |
|    | 04 | 1.13   | 5.1 | 0.66   | 5.6 | 0.53   | 5.6 | 0.34   | 4.8 | N   | 356 |
|    | 06 | 0.79   | 6.3 | 0.57   | 5.8 | 0.44   | 5.6 | 0.28   | 4.7 | NNW | 348 |
|    | 08 | 0.61   | 5.9 | 0.45   | 5.8 | 0.36   | 5.6 | 0.23   | 4.4 | N   | 356 |
|    | 10 | 0.64   | 4.7 | 0.44   | 5.9 | 0.35   | 5.6 | 0.23   | 4.3 | N   | 352 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 1.07   | 3.2 | 0.66   | 3.7 | 0.52   | 3.6 | 0.34   | 3.0 | NNW | 334 |
|    | 14 | 1.79   | 3.4 | 1.28   | 3.5 | 1.03   | 3.5 | 0.67   | 3.4 | WSW | 246 |
|    | 16 | 2.35   | 3.8 | 1.70   | 4.4 | 1.38   | 4.5 | 0.89   | 4.0 | WSW | 258 |
|    | 18 | * 3.55 | 5.4 | * 2.52 | 5.3 | * 2.03 | 5.3 | * 1.25 | 4.4 | NNW | 335 |
|    | 20 | 3.48   | 5.1 | 2.38   | 5.5 | 1.89   | 5.6 | 1.18   | 4.7 | NNW | 327 |
|    | 22 | 2.77   | 6.0 | 2.08   | 5.7 | 1.69   | 5.6 | 1.07   | 4.6 | NNW | 335 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 3.55   | 5.4 | 2.52   | 5.3 | 2.03   | 5.3 | 1.25   | 4.4 |     |     |
|    | 平均 | 1.67   | 5.2 | 1.19   | 5.3 | 0.95   | 5.2 | 0.60   | 4.3 |     |     |
| 26 | 00 | 2.46   | 5.4 | * 1.92 | 5.6 | * 1.54 | 5.5 | 0.96   | 4.5 | NNW | 331 |
|    | 02 | 2.36   | 5.9 | 1.84   | 5.2 | 1.49   | 5.4 | 0.95   | 4.5 | NNW | 331 |
|    | 04 | * 2.58 | 4.9 | 1.62   | 5.4 | 1.28   | 5.3 | 0.83   | 4.4 | N   | 352 |
|    | 06 | 1.94   | 4.9 | 1.58   | 4.7 | 1.30   | 4.7 | 0.84   | 4.1 | NNW | 344 |
|    | 08 | 2.35   | 5.7 | 1.72   | 4.7 | 1.34   | 4.9 | 0.83   | 4.1 | NNW | 335 |
|    | 10 | 2.55   | 5.1 | 1.89   | 5.1 | 1.51   | 5.2 | * 0.97 | 4.5 | NNW | 331 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 1.96   | 5.2 | 1.61   | 5.3 | 1.28   | 5.3 | 0.82   | 4.5 | NNW | 340 |
|    | 14 | 1.84   | 5.9 | 1.37   | 5.6 | 1.10   | 5.3 | 0.70   | 4.4 | NW  | 323 |
|    | 16 | 1.98   | 5.8 | 1.26   | 5.5 | 1.00   | 5.5 | 0.66   | 4.8 | NNW | 327 |
|    | 18 | 1.57   | 5.5 | 1.17   | 5.9 | 0.96   | 5.9 | 0.65   | 5.2 | N   | 352 |
|    | 20 | 1.51   | 6.3 | 1.12   | 6.4 | 0.93   | 6.3 | 0.60   | 5.3 | NNW | 331 |
|    | 22 | 1.78   | 7.1 | 1.23   | 6.8 | 0.99   | 6.8 | 0.61   | 5.7 | NNW | 331 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 2.58   | 4.9 | 1.92   | 5.6 | 1.54   | 5.5 | 0.97   | 4.5 |     |     |
|    | 平均 | 2.07   | 5.6 | 1.53   | 5.5 | 1.23   | 5.5 | 0.79   | 4.7 |     |     |
| 27 | 00 | * 1.58 | 6.4 | * 1.22 | 6.6 | * 1.01 | 6.9 | * 0.66 | 6.2 | NNW | 331 |
|    | 02 | 1.37   | 7.7 | 1.04   | 6.8 | 0.83   | 6.6 | 0.53   | 5.9 | N   | 352 |
|    | 04 | 1.47   | 7.0 | 0.93   | 6.5 | 0.72   | 6.5 | 0.44   | 5.7 | NW  | 323 |
|    | 06 | 0.90   | 6.1 | 0.77   | 6.1 | 0.65   | 6.2 | 0.42   | 5.3 | NW  | 315 |
|    | 08 | 0.95   | 5.6 | 0.77   | 6.1 | 0.60   | 6.0 | 0.37   | 4.8 | NNW | 335 |
|    | 10 | 0.81   | 6.2 | 0.67   | 5.9 | 0.52   | 6.0 | 0.34   | 5.1 | NNW | 331 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.78   | 6.0 | 0.59   | 6.0 | 0.45   | 5.8 | 0.29   | 4.8 | N   | 356 |
|    | 14 | 0.80   | 5.9 | 0.57   | 5.9 | 0.44   | 5.7 | 0.27   | 4.4 | N   | 352 |
|    | 16 | 0.66   | 5.7 | 0.49   | 5.7 | 0.38   | 5.4 | 0.24   | 4.0 | NNW | 344 |
|    | 18 | 0.51   | 4.6 | 0.40   | 5.3 | 0.32   | 5.1 | 0.20   | 3.7 | NW  | 323 |
|    | 20 | 0.49   | 5.4 | 0.38   | 5.6 | 0.30   | 5.6 | 0.19   | 4.4 | N   | 352 |
|    | 22 | 0.50   | 5.9 | 0.33   | 5.5 | 0.27   | 5.3 | 0.17   | 4.0 | N   | 0   |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 1.58   | 6.4 | 1.22   | 6.6 | 1.01   | 6.9 | 0.66   | 6.2 |     |     |
|    | 平均 | 0.90   | 6.0 | 0.68   | 6.0 | 0.54   | 5.9 | 0.34   | 4.9 |     |     |
| 28 | 00 | * 0.41 | 5.2 | * 0.29 | 5.7 | * 0.23 | 5.7 | * 0.15 | 4.5 | NNW | 344 |
|    | 02 | 0.34   | 6.0 | 0.25   | 5.4 | 0.20   | 5.4 | 0.13   | 4.1 | NW  | 319 |
|    | 04 | 0.38   | 6.0 | 0.26   | 5.5 | 0.21   | 5.2 | 0.13   | 4.0 | NNE | 33  |
|    | 06 | 0.36   | 5.3 | 0.28   | 4.8 | 0.22   | 4.3 | 0.15   | 3.5 | N   | 354 |
|    | 08 | 0.26   | 5.0 | 0.21   | 4.7 | 0.17   | 4.6 | 0.11   | 3.3 | NW  | 311 |
|    | 10 | 0.33   | 4.7 | 0.23   | 4.7 | 0.19   | 4.4 | 0.12   | 3.5 | WNW | 282 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.24   | 5.4 | 0.20   | 4.3 | 0.16   | 4.4 | 0.11   | 3.4 | NW  | 311 |
|    | 14 | 0.27   | 5.6 | 0.22   | 4.7 | 0.18   | 4.4 | 0.11   | 3.5 | NE  | 50  |
|    | 16 | 0.28   | 3.4 | 0.21   | 4.9 | 0.17   | 4.8 | 0.11   | 3.6 |     |     |
|    | 18 | 0.37   | 2.7 | 0.20   | 4.3 | 0.16   | 4.0 | 0.11   | 3.0 | W   | 277 |
|    | 20 | 0.23   | 4.8 | 0.19   | 5.0 | 0.15   | 4.6 | 0.10   | 3.4 | WNW | 286 |
|    | 22 | 0.37   | 4.0 | 0.28   | 4.4 | 0.23   | 4.4 | 0.15   | 3.6 | N   | 352 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 0.41   | 5.2 | 0.29   | 5.7 | 0.23   | 5.7 | 0.15   | 4.5 |     |     |

|     | 平均 | 0.32   | 4.8 | 0.24   | 4.9  | 0.19   | 4.7  | 0.12   | 3.6 |     |     |
|-----|----|--------|-----|--------|------|--------|------|--------|-----|-----|-----|
| 29  | 00 | 0.44   | 3.3 | 0.33   | 4.2  | 0.27   | 4.4  | 0.18   | 3.6 | WSW | 257 |
|     | 02 | 0.55   | 3.7 | 0.43   | 3.8  | 0.34   | 3.7  | 0.23   | 3.1 | NNW | 335 |
|     | 04 | 0.74   | 3.3 | 0.52   | 3.9  | 0.42   | 3.7  | 0.27   | 3.3 | WSW | 257 |
|     | 06 | 0.81   | 4.3 | 0.55   | 4.1  | 0.44   | 4.0  | 0.28   | 3.4 | NW  | 315 |
|     | 08 | 1.17   | 3.7 | 0.88   | 3.8  | 0.69   | 3.9  | 0.45   | 3.4 | N   | 9   |
|     | 10 | 1.51   | 4.5 | 1.20   | 4.3  | 0.96   | 4.3  | 0.60   | 3.8 | N   | 349 |
|     | 12 | 1.64   | 4.1 | 1.06   | 4.7  | 0.82   | 4.6  | 0.52   | 4.0 | NNE | 25  |
|     | 14 | 1.55   | 4.7 | 1.05   | 4.8  | 0.85   | 4.8  | 0.56   | 4.3 | WNW | 303 |
|     | 16 | 1.40   | 4.9 | 1.09   | 5.0  | 0.90   | 5.1  | 0.57   | 4.3 | NNW | 340 |
|     | 18 | 1.89   | 5.6 | 1.48   | 5.4  | 1.15   | 5.4  | 0.73   | 4.8 | NNW | 340 |
|     | 20 | * 1.94 | 6.4 | * 1.55 | 6.0  | * 1.27 | 6.0  | * 0.82 | 5.2 | WNW | 303 |
|     | 22 | 1.62   | 6.1 | 1.36   | 5.8  | 1.09   | 5.8  | 0.70   | 4.9 | NW  | 323 |
|     | 最大 | 1.94   | 6.4 | 1.55   | 6.0  | 1.27   | 6.0  | 0.82   | 5.2 |     |     |
|     | 平均 | 1.27   | 4.6 | 0.96   | 4.7  | 0.77   | 4.6  | 0.49   | 4.0 |     |     |
| 30  | 00 | * 1.85 | 5.5 | * 1.34 | 5.7  | * 1.06 | 5.6  | * 0.68 | 4.6 | NW  | 323 |
|     | 02 | 1.67   | 4.2 | 1.24   | 5.4  | 1.01   | 5.4  | 0.64   | 4.3 | NW  | 315 |
|     | 04 | 1.60   | 4.7 | 1.07   | 5.0  | 0.86   | 5.1  | 0.56   | 4.1 | NW  | 319 |
|     | 06 | 1.15   | 5.1 | 0.95   | 4.8  | 0.77   | 4.7  | 0.49   | 4.0 | NW  | 315 |
|     | 08 | 1.06   | 4.8 | 0.85   | 5.0  | 0.70   | 4.9  | 0.46   | 4.3 | NNW | 348 |
|     | 10 | 1.28   | 5.1 | 1.01   | 5.3  | 0.79   | 5.4  | 0.51   | 4.6 | NNW | 348 |
|     | 12 | 1.37   | 4.2 | 1.05   | 5.3  | 0.84   | 5.3  | 0.53   | 4.8 | NW  | 315 |
|     | 14 | 1.34   | 4.9 | 1.08   | 5.5  | 0.87   | 5.6  | 0.55   | 4.8 | NW  | 315 |
|     | 16 | 1.50   | 5.9 | 1.16   | 5.9  | 0.92   | 5.9  | 0.60   | 5.2 | NNW | 327 |
|     | 18 | 1.43   | 6.0 | 1.04   | 5.7  | 0.82   | 5.9  | 0.51   | 4.9 | NW  | 319 |
|     | 20 | 1.19   | 5.3 | 0.99   | 5.5  | 0.77   | 5.6  | 0.48   | 4.3 | NNW | 331 |
|     | 22 | 1.23   | 6.1 | 0.99   | 5.7  | 0.79   | 5.6  | 0.51   | 4.5 | NNW | 327 |
|     | 最大 | 1.85   | 5.5 | 1.34   | 5.7  | 1.06   | 5.6  | 0.68   | 4.6 |     |     |
|     | 平均 | 1.39   | 5.2 | 1.06   | 5.4  | 0.85   | 5.4  | 0.54   | 4.5 |     |     |
| 31  | 00 | 1.33   | 5.8 | 0.90   | 5.5  | 0.70   | 5.3  | 0.44   | 4.3 | NW  | 319 |
|     | 02 | 0.87   | 6.8 | 0.72   | 5.6  | 0.61   | 5.5  | 0.40   | 4.4 | NW  | 311 |
|     | 04 | 1.23   | 3.7 | 0.88   | 4.4  | 0.71   | 4.4  | 0.46   | 3.9 | NNE | 28  |
|     | 06 | 0.90   | 4.7 | 0.70   | 4.8  | 0.58   | 4.7  | 0.38   | 4.0 | N   | 352 |
|     | 08 | 1.20   | 4.8 | 0.91   | 4.7  | 0.73   | 4.7  | 0.48   | 4.0 | NNE | 12  |
|     | 10 | 1.34   | 4.9 | 0.89   | 4.5  | 0.74   | 4.6  | 0.48   | 3.9 | NNE | 16  |
|     | 12 | 1.30   | 4.3 | 0.86   | 4.2  | 0.68   | 4.2  | 0.43   | 3.7 | N   | 5   |
|     | 14 | 1.15   | 4.1 | 0.81   | 4.4  | 0.62   | 4.5  | 0.40   | 4.0 | NNE | 16  |
|     | 16 | 0.88   | 4.3 | 0.55   | 4.4  | 0.44   | 4.7  | 0.29   | 4.2 | NE  | 37  |
|     | 18 | 0.56   | 3.8 | 0.46   | 4.5  | 0.38   | 4.5  | 0.25   | 3.9 | W   | 274 |
|     | 20 | 0.54   | 5.2 | 0.43   | 5.1  | 0.36   | 5.0  | 0.23   | 4.1 | N   | 4   |
|     | 22 | * 2.98 | 5.4 | * 2.46 | 5.2  | * 1.99 | 5.0  | * 1.28 | 4.4 | W   | 270 |
|     | 最大 | 2.98   | 5.4 | 2.46   | 5.2  | 1.99   | 5.0  | 1.28   | 4.4 |     |     |
|     | 平均 | 1.19   | 4.8 | 0.88   | 4.8  | 0.71   | 4.8  | 0.46   | 4.1 |     |     |
|     |    |        |     |        |      |        |      |        |     |     |     |
| 月最大 |    | 8.66   | 9.6 | 6.70   | 10.2 | 5.41   | 10.0 | 3.37   | 7.6 |     |     |
| 起時  |    | 0220   |     | 0214   |      | 0214   |      | 0214   |     |     |     |
| 平均  |    | 2.14   | 6.4 | 1.61   | 6.4  | 1.29   | 6.4  | 0.82   | 5.2 |     |     |

\* は日最大波高を示す

波浪整理表（1）

|               |    |              |              |               |               |              |              |               |               |      |     | 波高   |       | 波向                         |       |  |  |
|---------------|----|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|------|-----|------|-------|----------------------------|-------|--|--|
|               |    |              |              |               |               |              |              |               |               |      |     | 規定回数 | 360 回 | 規定回数                       | 360 回 |  |  |
|               |    |              |              |               |               |              |              |               |               |      |     | 測得回数 | 360 回 | 測得回数                       | 339 回 |  |  |
|               |    |              |              |               |               |              |              |               |               |      |     | 欠測回数 | 0 回   | 欠測回数                       | 21 回  |  |  |
|               |    |              |              |               |               |              |              |               |               |      |     | 欠測率  | 0.0 % | 欠測率                        | 5.8 % |  |  |
| 観測所名：直江津港(直轄) |    |              |              |               |               |              |              |               |               |      |     |      |       | 機種：波高 海象計 -32m 波向 海象計 -32m |       |  |  |
| 日             | 時  | H max<br>(m) | T max<br>(s) | H 1/10<br>(m) | T 1/10<br>(s) | H 1/3<br>(m) | T 1/3<br>(s) | H mean<br>(m) | T mean<br>(s) | 波向   |     |      |       |                            |       |  |  |
|               |    |              |              |               |               |              |              |               |               | 16方位 | 角度  |      |       |                            |       |  |  |
| 01            | 00 | * 3.74       | 5.5          | * 2.71        | 5.2           | * 2.15       | 5.3          | * 1.35        | 4.6           | W    | 262 |      |       |                            |       |  |  |
|               | 02 | 2.94         | 5.8          | 2.50          | 5.5           | 2.01         | 5.5          | 1.29          | 4.8           | W    | 270 |      |       |                            |       |  |  |
|               | 04 | 2.35         | 4.7          | 1.60          | 5.1           | 1.27         | 4.8          | 0.82          | 4.2           | WNW  | 299 |      |       |                            |       |  |  |
|               | 06 | 1.30         | 5.2          | 1.06          | 5.3           | 0.87         | 5.2          | 0.56          | 4.4           | NW   | 311 |      |       |                            |       |  |  |
|               | 08 | 1.15         | 5.3          | 0.89          | 5.5           | 0.73         | 5.5          | 0.46          | 4.4           | NW   | 307 |      |       |                            |       |  |  |
|               | 10 | 1.10         | 5.5          | 0.82          | 5.6           | 0.66         | 5.6          | 0.41          | 4.6           | NNW  | 327 |      |       |                            |       |  |  |
|               | 12 | 1.17         | 5.7          | 0.83          | 5.1           | 0.67         | 4.9          | 0.43          | 3.9           | WNW  | 303 |      |       |                            |       |  |  |
|               | 14 | 1.20         | 3.2          | 0.90          | 4.1           | 0.73         | 4.3          | 0.48          | 3.7           | NE   | 35  |      |       |                            |       |  |  |
|               | 16 | 1.28         | 3.9          | 0.96          | 4.0           | 0.76         | 4.1          | 0.48          | 3.6           | N    | 351 |      |       |                            |       |  |  |
|               | 18 | 1.46         | 4.1          | 0.99          | 4.1           | 0.79         | 4.0          | 0.51          | 3.6           | NNE  | 16  |      |       |                            |       |  |  |
|               | 20 | 0.99         | 4.1          | 0.76          | 4.1           | 0.60         | 4.1          | 0.38          | 3.7           | NW   | 307 |      |       |                            |       |  |  |
|               | 22 | 0.90         | 4.3          | 0.68          | 3.9           | 0.54         | 4.0          | 0.35          | 3.7           | W    | 261 |      |       |                            |       |  |  |
|               | 最大 | 3.74         | 5.5          | 2.71          | 5.2           | 2.15         | 5.3          | 1.35          | 4.6           |      |     |      |       |                            |       |  |  |
|               | 平均 | 1.63         | 4.8          | 1.23          | 4.8           | 0.98         | 4.8          | 0.63          | 4.1           |      |     |      |       |                            |       |  |  |
| 02            | 00 | 0.69         | 4.0          | 0.57          | 3.9           | 0.45         | 4.0          | 0.29          | 3.6           | WSW  | 244 |      |       |                            |       |  |  |
|               | 02 | 0.66         | 3.0          | 0.48          | 3.8           | 0.39         | 3.8          | 0.26          | 3.4           | WNW  | 300 |      |       |                            |       |  |  |
|               | 04 | 0.60         | 3.8          | 0.43          | 3.6           | 0.35         | 3.6          | 0.23          | 3.3           | WSW  | 244 |      |       |                            |       |  |  |
|               | 06 | 0.52         | 3.6          | 0.38          | 4.0           | 0.31         | 4.2          | 0.20          | 3.5           | NE   | 35  |      |       |                            |       |  |  |
|               | 08 | 0.68         | 3.7          | 0.40          | 3.8           | 0.32         | 3.9          | 0.21          | 3.3           | NNE  | 20  |      |       |                            |       |  |  |
|               | 10 | 0.50         | 3.6          | 0.35          | 4.2           | 0.29         | 4.1          | 0.19          | 3.4           | W    | 273 |      |       |                            |       |  |  |
|               | 12 | 0.63         | 2.7          | 0.44          | 3.4           | 0.37         | 3.4          | 0.24          | 3.1           | WSW  | 258 |      |       |                            |       |  |  |
|               | 14 | * 1.20       | 3.4          | 0.84          | 3.6           | 0.67         | 3.7          | * 0.44        | 3.5           | WSW  | 246 |      |       |                            |       |  |  |
|               | 16 | 1.10         | 4.0          | * 0.84        | 3.8           | * 0.68       | 3.9          | * 0.44        | 3.5           | NNW  | 335 |      |       |                            |       |  |  |
|               | 18 | 0.89         | 4.2          | 0.62          | 3.8           | 0.50         | 3.9          | 0.32          | 3.5           | NW   | 322 |      |       |                            |       |  |  |
|               | 20 | 0.74         | 3.1          | 0.54          | 3.7           | 0.43         | 3.8          | 0.28          | 3.5           | NW   | 318 |      |       |                            |       |  |  |
|               | 22 | 0.58         | 4.1          | 0.43          | 3.8           | 0.34         | 3.9          | 0.22          | 3.4           | N    | 354 |      |       |                            |       |  |  |
|               | 最大 | 1.20         | 3.4          | 0.84          | 3.8           | 0.68         | 3.9          | 0.44          | 3.5           |      |     |      |       |                            |       |  |  |
|               | 平均 | 0.73         | 3.6          | 0.53          | 3.8           | 0.43         | 3.9          | 0.28          | 3.4           |      |     |      |       |                            |       |  |  |
| 03            | 00 | 0.44         | 4.7          | 0.35          | 3.6           | 0.28         | 3.6          | 0.19          | 3.1           | WSW  | 257 |      |       |                            |       |  |  |
|               | 02 | 0.61         | 2.5          | 0.41          | 3.3           | 0.33         | 3.3          | 0.22          | 3.1           | W    | 280 |      |       |                            |       |  |  |
|               | 04 | 0.52         | 3.7          | 0.38          | 3.3           | 0.30         | 3.4          | 0.20          | 2.9           | NNW  | 341 |      |       |                            |       |  |  |
|               | 06 | 1.33         | 3.8          | 0.92          | 3.9           | 0.71         | 3.9          | 0.46          | 3.5           | NE   | 47  |      |       |                            |       |  |  |
|               | 08 | 1.24         | 4.1          | 0.98          | 4.0           | 0.79         | 3.9          | 0.50          | 3.3           |      |     |      |       |                            |       |  |  |
|               | 10 | 1.12         | 3.5          | 0.82          | 3.5           | 0.65         | 3.4          | 0.42          | 3.0           | NE   | 47  |      |       |                            |       |  |  |
|               | 12 | 1.23         | 3.3          | 0.86          | 3.5           | 0.68         | 3.4          | 0.43          | 3.1           | WNW  | 285 |      |       |                            |       |  |  |
|               | 14 | * 2.09       | 3.6          | * 1.46        | 3.9           | * 1.15       | 3.9          | * 0.76        | 3.6           | NNW  | 330 |      |       |                            |       |  |  |
|               | 16 | 1.75         | 4.7          | 1.25          | 4.5           | 1.03         | 4.3          | 0.67          | 3.8           | NW   | 315 |      |       |                            |       |  |  |
|               | 18 | 1.30         | 3.9          | 1.07          | 3.9           | 0.86         | 3.9          | 0.56          | 3.5           | NW   | 309 |      |       |                            |       |  |  |
|               | 20 | 1.08         | 4.0          | 0.86          | 4.0           | 0.70         | 4.0          | 0.45          | 3.5           | NNE  | 32  |      |       |                            |       |  |  |
|               | 22 | 1.38         | 4.0          | 1.11          | 4.1           | 0.89         | 4.1          | 0.57          | 3.5           | W    | 259 |      |       |                            |       |  |  |
|               | 最大 | 2.09         | 3.6          | 1.46          | 3.9           | 1.15         | 3.9          | 0.76          | 3.6           |      |     |      |       |                            |       |  |  |
|               | 平均 | 1.17         | 3.8          | 0.87          | 3.8           | 0.70         | 3.8          | 0.45          | 3.3           |      |     |      |       |                            |       |  |  |
| 04            | 00 | * 1.71       | 3.7          | * 1.35        | 4.4           | * 1.06       | 4.3          | 0.67          | 3.6           | N    | 7   |      |       |                            |       |  |  |
|               | 02 | 1.64         | 4.7          | 1.29          | 4.4           | 1.05         | 4.4          | * 0.68        | 3.8           | WSW  | 256 |      |       |                            |       |  |  |
|               | 04 | 1.54         | 4.3          | 1.10          | 4.5           | 0.86         | 4.5          | 0.55          | 3.8           | NNW  | 331 |      |       |                            |       |  |  |
|               | 06 | 1.30         | 4.2          | 0.94          | 4.3           | 0.75         | 4.3          | 0.47          | 3.6           | WSW  | 252 |      |       |                            |       |  |  |
|               | 08 | 1.18         | 3.9          | 0.91          | 4.3           | 0.75         | 4.2          | 0.49          | 3.6           | NE   | 35  |      |       |                            |       |  |  |
|               | 10 | 1.39         | 4.0          | 0.85          | 4.1           | 0.67         | 4.2          | 0.43          | 3.6           | NNE  | 30  |      |       |                            |       |  |  |
|               | 12 | 1.21         | 4.8          | 0.85          | 4.2           | 0.70         | 4.2          | 0.46          | 3.8           | N    | 8   |      |       |                            |       |  |  |
|               | 14 | 0.94         | 4.5          | 0.69          | 4.3           | 0.54         | 4.4          | 0.35          | 3.9           | WSW  | 246 |      |       |                            |       |  |  |
|               | 16 | 0.70         | 3.8          | 0.53          | 4.3           | 0.43         | 4.4          | 0.28          | 3.9           | W    | 262 |      |       |                            |       |  |  |
|               | 18 | 0.54         | 4.2          | 0.40          | 4.2           | 0.32         | 4.3          | 0.21          | 3.7           | WNW  | 286 |      |       |                            |       |  |  |
|               | 20 | 0.53         | 3.7          | 0.41          | 4.0           | 0.32         | 4.0          | 0.21          | 3.4           | NW   | 317 |      |       |                            |       |  |  |
|               | 22 | 0.53         | 4.1          | 0.36          | 4.2           | 0.28         | 4.3          | 0.18          | 3.6           | NE   | 53  |      |       |                            |       |  |  |
|               | 最大 | 1.71         | 3.7          | 1.35          | 4.4           | 1.06         | 4.3          | 0.68          | 3.8           |      |     |      |       |                            |       |  |  |

|    |    |        |      |        |      |        |     |        |     |     |     |
|----|----|--------|------|--------|------|--------|-----|--------|-----|-----|-----|
|    | 平均 | 1.10   | 4.2  | 0.81   | 4.3  | 0.64   | 4.3 | 0.42   | 3.7 |     |     |
| 05 | 00 | 0.45   | 4.9  | 0.32   | 4.4  | 0.24   | 4.4 | 0.16   | 3.7 | NNE | 26  |
|    | 02 | 0.44   | 4.0  | 0.29   | 4.3  | 0.22   | 4.5 | 0.14   | 3.7 | NW  | 307 |
|    | 04 | 0.37   | 3.9  | 0.28   | 4.2  | 0.22   | 4.2 | 0.15   | 3.4 | W   | 271 |
|    | 06 | 0.40   | 4.1  | 0.29   | 3.7  | 0.24   | 3.8 | 0.16   | 3.2 | W   | 276 |
|    | 08 | 0.35   | 3.6  | 0.26   | 4.5  | 0.22   | 4.3 | 0.15   | 3.8 | WNW | 290 |
|    | 10 | 0.41   | 4.6  | 0.29   | 4.5  | 0.23   | 4.2 | 0.14   | 3.3 | WNW | 287 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 12 | 0.75   | 2.9  | 0.41   | 4.0  | 0.32   | 3.9 | 0.21   | 3.2 | N   | 350 |
|    | 14 | 0.73   | 3.9  | 0.52   | 3.5  | 0.41   | 3.4 | 0.27   | 3.1 | NNE | 26  |
|    | 16 | 0.78   | 4.1  | 0.61   | 3.8  | 0.49   | 3.9 | 0.31   | 3.3 | NNW | 335 |
|    | 18 | 0.93   | 4.2  | 0.69   | 4.0  | * 0.57 | 4.1 | 0.38   | 3.6 | WSW | 242 |
|    | 20 | * 1.03 | 3.4  | * 0.72 | 4.0  | * 0.57 | 4.1 | * 0.38 | 3.8 | NW  | 314 |
|    | 22 | 0.76   | 4.5  | 0.57   | 4.6  | 0.46   | 4.6 | 0.30   | 4.0 | NNW | 340 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 最大 | 1.03   | 3.4  | 0.72   | 4.0  | 0.57   | 4.1 | 0.38   | 3.8 |     |     |
|    | 平均 | 0.62   | 4.0  | 0.44   | 4.1  | 0.35   | 4.1 | 0.23   | 3.5 |     |     |
| 06 | 00 | 0.75   | 3.6  | * 0.59 | 4.3  | * 0.47 | 4.2 | * 0.30 | 3.6 | WSW | 256 |
|    | 02 | 0.64   | 4.4  | 0.49   | 4.3  | 0.38   | 4.3 | 0.24   | 3.6 | WSW | 246 |
|    | 04 | * 0.75 | 4.0  | 0.55   | 4.3  | 0.43   | 4.1 | 0.27   | 3.6 | N   | 354 |
|    | 06 | 0.58   | 4.1  | 0.46   | 4.2  | 0.38   | 4.3 | 0.25   | 3.6 | NNE | 33  |
|    | 08 | 0.65   | 3.9  | 0.43   | 4.0  | 0.35   | 4.2 | 0.23   | 3.5 | NNW | 335 |
|    | 10 | 0.46   | 5.3  | 0.37   | 3.8  | 0.30   | 3.6 | 0.20   | 2.9 | WSW | 254 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 12 | 0.51   | 1.9  | 0.36   | 3.8  | 0.29   | 3.8 | 0.19   | 2.9 | NE  | 51  |
|    | 14 | 0.65   | 2.4  | 0.43   | 2.7  | 0.32   | 2.9 | 0.21   | 2.5 | NNW | 331 |
|    | 16 | 0.56   | 2.3  | 0.37   | 2.6  | 0.29   | 3.0 | 0.19   | 2.7 | NNE | 28  |
|    | 18 | 0.26   | 4.3  | 0.19   | 4.7  | 0.15   | 4.5 | 0.10   | 3.3 | N   | 8   |
|    | 20 | 0.34   | 3.3  | 0.24   | 4.2  | 0.19   | 3.9 | 0.13   | 3.0 | WSW | 242 |
|    | 22 | 0.35   | 4.2  | 0.28   | 3.6  | 0.22   | 3.6 | 0.14   | 3.1 | WSW | 258 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 最大 | 0.75   | 4.0  | 0.59   | 4.3  | 0.47   | 4.2 | 0.30   | 3.6 |     |     |
|    | 平均 | 0.54   | 3.6  | 0.40   | 3.9  | 0.31   | 3.9 | 0.20   | 3.2 |     |     |
| 07 | 00 | 0.72   | 2.7  | 0.44   | 2.9  | 0.35   | 3.1 | 0.22   | 2.7 | W   | 264 |
|    | 02 | 0.87   | 3.9  | 0.62   | 3.8  | 0.50   | 3.9 | 0.33   | 3.7 | N   | 2   |
|    | 04 | 1.13   | 3.1  | 0.77   | 3.5  | 0.62   | 3.5 | 0.40   | 3.2 | NE  | 54  |
|    | 06 | 1.55   | 4.2  | 1.23   | 4.1  | 0.98   | 4.1 | 0.63   | 3.7 | NW  | 314 |
|    | 08 | 3.18   | 5.8  | 2.50   | 5.2  | 1.91   | 5.0 | 1.22   | 4.5 | W   | 262 |
|    | 10 | 3.64   | 5.7  | 2.93   | 5.4  | 2.31   | 5.4 | 1.43   | 4.7 | W   | 262 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 12 | 4.46   | 6.3  | 3.66   | 6.0  | 3.02   | 6.2 | 1.95   | 5.3 | W   | 266 |
|    | 14 | 5.52   | 6.3  | 4.59   | 6.6  | 3.60   | 6.4 | 2.36   | 5.3 |     |     |
|    | 16 | 欠测     | 欠测   | 欠测     | 欠测   | * 4.90 | 6.6 | 欠测     | 欠测  |     |     |
|    | 18 | 4.42   | 6.9  | 3.71   | 6.7  | 3.01   | 6.4 | 1.92   | 5.2 |     |     |
|    | 20 | 6.12   | 9.3  | 4.54   | 7.8  | 3.58   | 7.3 | 2.36   | 6.0 |     |     |
|    | 22 | * 7.26 | 9.2  | * 5.27 | 9.1  | 4.10   | 8.5 | * 2.60 | 6.4 | NNW | 327 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 最大 | 7.26   | 9.2  | 5.27   | 9.1  | 4.90   | 6.6 | 2.60   | 6.4 |     |     |
|    | 平均 | 3.53   | 5.8  | 2.75   | 5.6  | 2.41   | 5.5 | 1.40   | 4.6 |     |     |
| 08 | 00 | 6.91   | 9.8  | 5.34   | 10.1 | 4.48   | 9.6 | 2.86   | 6.9 |     |     |
|    | 02 | * 8.26 | 8.5  | * 6.19 | 9.7  | * 4.96 | 9.5 | 2.99   | 7.2 | NNW | 344 |
|    | 04 | 7.45   | 11.0 | 5.94   | 9.6  | 4.74   | 9.8 | * 3.00 | 7.4 | NNW | 344 |
|    | 06 | 6.96   | 11.2 | 5.04   | 9.5  | 4.13   | 8.9 | 2.65   | 6.8 | NNW | 331 |
|    | 08 | 5.48   | 10.6 | 4.76   | 10.3 | 3.96   | 9.5 | 2.51   | 7.0 | NNW | 327 |
|    | 10 | 6.47   | 8.7  | 4.91   | 9.1  | 3.75   | 8.5 | 2.32   | 6.3 | NW  | 319 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 12 | 6.36   | 7.6  | 4.65   | 8.6  | 3.59   | 8.1 | 2.28   | 6.4 | NNW | 335 |
|    | 14 | 5.93   | 9.6  | 3.85   | 7.9  | 3.00   | 8.0 | 1.84   | 5.7 | NNW | 327 |
|    | 16 | 4.38   | 6.5  | 3.52   | 8.5  | 2.84   | 7.8 | 1.80   | 6.2 | NNW | 327 |
|    | 18 | 4.53   | 7.9  | 3.53   | 8.9  | 2.82   | 8.6 | 1.78   | 6.7 | NW  | 323 |
|    | 20 | 3.82   | 9.9  | 2.98   | 9.4  | 2.36   | 8.9 | 1.41   | 6.6 | NW  | 315 |
|    | 22 | 3.22   | 8.1  | 2.55   | 9.0  | 2.00   | 8.8 | 1.20   | 6.6 | NW  | 319 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 最大 | 8.26   | 8.5  | 6.19   | 9.7  | 4.96   | 9.5 | 3.00   | 7.4 |     |     |
|    | 平均 | 5.81   | 9.1  | 4.44   | 9.2  | 3.55   | 8.8 | 2.22   | 6.7 |     |     |
| 09 | 00 | 2.68   | 9.3  | 2.20   | 8.7  | 1.73   | 8.8 | 1.08   | 7.2 | NW  | 323 |
|    | 02 | 2.33   | 9.0  | 1.95   | 8.9  | 1.58   | 9.1 | 1.02   | 7.5 | NNW | 344 |
|    | 04 | 2.03   | 9.3  | 1.81   | 8.6  | 1.54   | 8.9 | 1.00   | 7.7 | NNW | 331 |
|    | 06 | 2.41   | 9.5  | 1.92   | 8.8  | 1.50   | 8.9 | 0.96   | 7.5 | NNW | 327 |
|    | 08 | 1.82   | 9.4  | 1.47   | 8.5  | 1.23   | 8.4 | 0.77   | 7.0 | NNW | 331 |
|    | 10 | 1.78   | 7.6  | 1.46   | 8.4  | 1.19   | 8.4 | 0.76   | 6.9 | NW  | 323 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 12 | 1.68   | 8.0  | 1.26   | 7.7  | 1.02   | 7.9 | 0.64   | 6.5 | NNW | 327 |
|    | 14 | 1.76   | 8.3  | 1.32   | 7.7  | 1.02   | 7.1 | 0.62   | 5.1 | NNW | 344 |
|    | 16 | 2.44   | 5.2  | 1.95   | 5.6  | 1.61   | 5.6 | 1.02   | 4.6 | NNW | 335 |
|    | 18 | 2.41   | 6.8  | 2.03   | 6.1  | 1.69   | 5.8 | 1.06   | 4.6 | NW  | 319 |
|    | 20 | 2.90   | 5.6  | * 2.21 | 5.4  | * 1.83 | 5.4 | * 1.16 | 4.4 | WNW | 299 |
|    | 22 | * 3.53 | 5.7  | 2.19   | 5.1  | 1.75   | 5.2 | 1.11   | 4.3 | W   | 278 |

|    |          |              |            |              |            |              |            |              |            |     |     |
|----|----------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|-----|-----|
|    | 最大<br>平均 | 3.53<br>2.31 | 5.7<br>7.8 | 2.21<br>1.81 | 5.4<br>7.5 | 1.83<br>1.47 | 5.4<br>7.5 | 1.16<br>0.93 | 4.4<br>6.1 |     |     |
| 10 | 00       | 1.75         | 4.9        | 1.42         | 6.0        | 1.15         | 5.9        | 0.73         | 4.7        | WNW | 282 |
|    | 02       | 1.71         | 5.8        | 1.28         | 6.4        | 1.04         | 6.5        | 0.65         | 5.3        | NW  | 311 |
|    | 04       | 1.79         | 6.6        | 1.16         | 6.2        | 0.87         | 6.2        | 0.53         | 4.8        | NW  | 315 |
|    | 06       | * 2.20       | 4.7        | 1.51         | 5.3        | 1.21         | 5.1        | 0.76         | 4.2        | WNW | 290 |
|    | 08       | 1.93         | 7.5        | 1.42         | 6.1        | 1.14         | 5.6        | 0.74         | 4.1        | WNW | 290 |
|    | 10       | 2.17         | 8.4        | * 1.66       | 7.1        | * 1.31       | 7.2        | 0.78         | 5.1        | NW  | 311 |
|    | 12       | 1.87         | 6.5        | 1.57         | 5.8        | 1.27         | 5.7        | 0.80         | 4.2        | NW  | 307 |
|    | 14       | 1.97         | 6.5        | 1.60         | 6.7        | 1.29         | 5.9        | * 0.81       | 4.4        | NW  | 307 |
|    | 16       | 1.97         | 8.2        | 1.49         | 6.9        | 1.15         | 6.4        | 0.71         | 4.8        | NW  | 315 |
|    | 18       | 1.89         | 7.6        | 1.50         | 7.2        | 1.25         | 7.0        | 0.78         | 5.6        | NW  | 307 |
|    | 20       | 1.91         | 6.4        | 1.42         | 6.7        | 1.13         | 6.8        | 0.72         | 5.5        | NW  | 311 |
|    | 22       | 1.57         | 6.9        | 1.21         | 7.0        | 0.99         | 6.7        | 0.65         | 5.5        | NW  | 311 |
|    | 最大<br>平均 | 2.20<br>1.89 | 4.7<br>6.7 | 1.66<br>1.44 | 7.1<br>6.5 | 1.31<br>1.15 | 7.2<br>6.3 | 0.81<br>0.72 | 4.4<br>4.9 |     |     |
| 11 | 00       | 1.85         | 8.5        | 1.16         | 7.7        | 0.93         | 7.4        | 0.59         | 5.9        | NW  | 311 |
|    | 02       | 1.51         | 7.7        | 1.30         | 7.4        | 1.03         | 7.7        | 0.66         | 6.7        | NW  | 307 |
|    | 04       | 1.43         | 6.6        | 1.18         | 7.1        | 0.93         | 7.3        | 0.59         | 6.1        | NW  | 315 |
|    | 06       | 1.43         | 7.5        | 1.19         | 7.0        | 0.93         | 6.9        | 0.57         | 5.2        | NW  | 307 |
|    | 08       | 1.48         | 6.5        | 1.16         | 7.0        | 0.95         | 7.2        | 0.63         | 6.3        | NW  | 311 |
|    | 10       | 1.39         | 5.2        | 1.08         | 5.9        | 0.86         | 6.1        | 0.55         | 5.1        | NW  | 311 |
|    | 12       | 1.99         | 4.3        | 1.46         | 4.9        | 1.15         | 5.0        | 0.72         | 4.0        | NW  | 315 |
|    | 14       | 3.41         | 5.2        | * 2.49       | 5.1        | * 1.97       | 5.0        | * 1.24       | 4.2        | W   | 278 |
|    | 16       | 2.65         | 5.2        | 2.12         | 5.4        | 1.75         | 5.2        | 1.16         | 4.5        | W   | 274 |
|    | 18       | * 3.79       | 5.0        | 2.27         | 5.8        | 1.84         | 5.5        | 1.19         | 4.5        | W   | 274 |
|    | 20       | 2.63         | 5.6        | 2.01         | 5.4        | 1.60         | 5.4        | 1.02         | 4.5        | W   | 274 |
|    | 22       | 2.10         | 4.8        | 1.56         | 5.5        | 1.26         | 5.3        | 0.81         | 4.4        | W   | 278 |
|    | 最大<br>平均 | 3.79<br>2.14 | 5.0<br>6.0 | 2.49<br>1.58 | 5.1<br>6.2 | 1.97<br>1.27 | 5.0<br>6.2 | 1.24<br>0.81 | 4.2<br>5.1 |     |     |
| 12 | 00       | 1.76         | 5.8        | 1.33         | 5.5        | 1.02         | 5.3        | 0.66         | 4.8        | WNW | 282 |
|    | 02       | 1.98         | 5.1        | * 1.53       | 5.4        | * 1.25       | 5.4        | 0.79         | 4.4        | W   | 278 |
|    | 04       | * 2.54       | 5.8        | 1.40         | 5.8        | 1.09         | 5.7        | 0.69         | 4.8        | WNW | 299 |
|    | 06       | 1.82         | 6.3        | 1.50         | 6.1        | 1.24         | 5.9        | * 0.80       | 4.8        | WNW | 286 |
|    | 08       | 1.63         | 5.9        | 1.18         | 6.3        | 0.91         | 6.5        | 0.59         | 5.6        | WNW | 295 |
|    | 10       | 1.74         | 6.2        | 1.18         | 5.1        | 0.95         | 5.1        | 0.60         | 4.0        | WNW | 299 |
|    | 12       | 1.38         | 4.9        | 1.05         | 5.5        | 0.85         | 5.3        | 0.55         | 4.2        | WNW | 303 |
|    | 14       | 1.68         | 3.7        | 1.23         | 5.2        | 0.94         | 5.1        | 0.59         | 4.1        | NW  | 307 |
|    | 16       | 1.93         | 6.7        | 1.34         | 4.7        | 1.08         | 4.8        | 0.71         | 4.0        | NW  | 307 |
|    | 18       | 1.67         | 4.4        | 1.15         | 5.0        | 0.92         | 4.9        | 0.58         | 4.1        | NW  | 307 |
|    | 20       | 1.37         | 5.4        | 0.95         | 5.9        | 0.77         | 5.6        | 0.48         | 4.2        | WNW | 303 |
|    | 22       | 1.16         | 5.9        | 0.87         | 5.6        | 0.69         | 5.4        | 0.43         | 4.4        | WNW | 299 |
|    | 最大<br>平均 | 2.54<br>1.72 | 5.8<br>5.5 | 1.53<br>1.23 | 5.4<br>5.5 | 1.25<br>0.98 | 5.4<br>5.4 | 0.80<br>0.62 | 4.8<br>4.5 |     |     |
| 13 | 00       | 1.07         | 7.1        | 0.86         | 5.6        | 0.68         | 5.7        | 0.43         | 4.8        | WNW | 303 |
|    | 02       | 1.07         | 4.9        | 0.86         | 5.4        | 0.70         | 5.1        | 0.47         | 4.6        | WNW | 299 |
|    | 04       | 1.16         | 5.4        | 0.84         | 5.2        | 0.66         | 5.4        | 0.43         | 4.4        | NW  | 315 |
|    | 06       | 1.13         | 7.4        | 0.86         | 5.7        | 0.68         | 5.8        | 0.44         | 4.7        | WNW | 299 |
|    | 08       | 1.09         | 7.2        | 0.91         | 6.3        | 0.71         | 6.4        | 0.44         | 4.9        | WNW | 303 |
|    | 10       | 1.20         | 6.1        | 0.97         | 5.3        | 0.79         | 4.9        | 0.49         | 3.8        | WNW | 303 |
|    | 12       | * 1.57       | 5.4        | * 1.21       | 5.2        | * 0.97       | 5.3        | * 0.60       | 4.2        | WNW | 295 |
|    | 14       | 1.54         | 6.1        | 1.03         | 5.8        | 0.80         | 5.3        | 0.49         | 4.2        | WNW | 295 |
|    | 16       | 1.27         | 5.9        | 0.90         | 5.2        | 0.72         | 5.2        | 0.44         | 4.1        | NW  | 307 |
|    | 18       | 1.03         | 6.0        | 0.75         | 5.7        | 0.60         | 5.5        | 0.37         | 4.5        | WNW | 290 |
|    | 20       | 0.80         | 5.6        | 0.63         | 5.5        | 0.50         | 5.6        | 0.33         | 4.7        | WNW | 299 |
|    | 22       | 0.56         | 6.5        | 0.43         | 5.7        | 0.37         | 5.5        | 0.24         | 4.6        | WNW | 303 |
|    | 最大<br>平均 | 1.57<br>1.12 | 5.4<br>6.1 | 1.21<br>0.85 | 5.2<br>5.6 | 0.97<br>0.68 | 5.3<br>5.5 | 0.60<br>0.43 | 4.2<br>4.5 |     |     |
| 14 | 00       | 0.62         | 6.0        | 0.43         | 5.8        | 0.34         | 5.8        | 0.21         | 4.4        | WNW | 299 |
|    | 02       | 0.52         | 6.7        | 0.40         | 6.4        | 0.32         | 6.3        | 0.20         | 4.7        | NW  | 315 |
|    | 04       | 0.59         | 6.6        | 0.41         | 6.0        | 0.34         | 6.3        | 0.21         | 4.6        | WNW | 299 |
|    | 06       | 0.85         | 7.3        | 0.65         | 6.8        | 0.51         | 6.2        | 0.31         | 4.2        | NW  | 311 |
|    | 08       | 0.91         | 7.2        | 0.73         | 6.7        | 0.57         | 5.8        | 0.36         | 4.2        | NW  | 315 |
|    | 10       | 0.94         | 6.6        | 0.74         | 6.5        | 0.61         | 6.6        | 0.38         | 4.8        | NW  | 315 |
|    | 12       | 1.07         | 6.7        | 0.87         | 6.8        | 0.69         | 7.0        | 0.45         | 5.7        | NW  | 307 |
|    | 14       | 1.50         | 7.0        | 1.11         | 6.9        | 0.91         | 6.7        | 0.62         | 5.7        | NW  | 311 |



|          |          |              |            |              |            |              |            |              |            |     |     |     |
|----------|----------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|-----|-----|-----|
|          | 16       | * 1.75       | 5.2        | * 1.45       | 5.3        | * 1.18       | 5.4        | * 0.75       | 4.3        | NW  | 307 |     |
|          | 18       | 1.61         | 8.9        | 1.20         | 7.5        | 0.98         | 6.7        | 0.63         | 5.2        | NW  | 319 |     |
|          | 20       | 1.63         | 10.3       | 1.32         | 8.0        | 1.03         | 7.2        | 0.65         | 5.0        | WNW | 303 |     |
|          | 22       | 1.56         | 9.2        | 1.18         | 8.5        | 0.97         | 7.9        | 0.61         | 5.4        | NW  | 311 |     |
|          | 最大<br>平均 | 1.75<br>1.13 | 5.2<br>7.3 | 1.45<br>0.87 | 5.3<br>6.8 | 1.18<br>0.70 | 5.4<br>6.5 | 0.75<br>0.45 | 4.3<br>4.9 |     |     |     |
| 15       | 00       | * 3.65       | 6.0        | * 2.68       | 5.7        | * 2.09       | 5.9        | * 1.32       | 5.0        | NW  | 311 |     |
|          | 02       | 2.37         | 5.8        | 1.99         | 5.8        | 1.62         | 5.8        | 1.04         | 4.9        | NW  | 311 |     |
|          | 04       | 2.33         | 6.5        | 1.47         | 5.8        | 1.18         | 6.1        | 0.76         | 4.9        | NNW | 327 |     |
|          | 06       | 1.72         | 4.7        | 1.14         | 5.5        | 0.91         | 5.9        | 0.60         | 5.2        | NW  | 311 |     |
|          | 08       | 1.15         | 6.1        | 0.97         | 6.4        | 0.78         | 6.3        | 0.49         | 5.1        | NW  | 315 |     |
|          | 10       | 1.28         | 7.0        | 0.95         | 6.2        | 0.76         | 6.4        | 0.49         | 5.5        | NW  | 307 |     |
|          | 12       | 1.31         | 7.1        | 0.92         | 6.8        | 0.73         | 6.6        | 0.46         | 5.5        | NW  | 307 |     |
|          | 14       | 0.97         | 6.0        | 0.78         | 6.5        | 0.63         | 6.4        | 0.41         | 5.2        | NNW | 327 |     |
|          | 16       | 1.04         | 5.7        | 0.82         | 6.9        | 0.63         | 6.5        | 0.39         | 4.9        | NW  | 319 |     |
|          | 18       | 1.04         | 7.0        | 0.83         | 6.9        | 0.64         | 6.6        | 0.40         | 5.2        | NW  | 311 |     |
|          | 20       | 1.24         | 7.6        | 0.91         | 7.2        | 0.72         | 7.1        | 0.45         | 5.6        | NW  | 311 |     |
|          | 22       | 1.59         | 6.0        | 1.19         | 6.1        | 0.95         | 6.1        | 0.61         | 5.2        | NW  | 319 |     |
|          | 最大<br>平均 | 3.65<br>1.64 | 6.0<br>6.3 | 2.68<br>1.22 | 5.7<br>6.3 | 2.09<br>0.97 | 5.9<br>6.3 | 1.32<br>0.62 | 5.0<br>5.2 |     |     |     |
|          | 16       | 00           | 1.77       | 5.9          | 1.21       | 5.7          | 0.96       | 5.4          | 0.64       | 4.7 | NW  | 311 |
|          |          | 02           | * 1.88     | 4.6          | * 1.50     | 5.3          | * 1.19     | 5.2          | * 0.73     | 4.3 | W   | 274 |
| 04       |          | 1.57         | 4.8        | 1.26         | 5.0        | 1.00         | 5.2        | 0.63         | 4.4        | NW  | 319 |     |
| 06       |          | 1.61         | 5.3        | 1.23         | 5.4        | 0.95         | 5.5        | 0.60         | 4.5        | NW  | 319 |     |
| 08       |          | 1.38         | 5.2        | 0.95         | 5.9        | 0.76         | 5.9        | 0.47         | 4.7        | NW  | 307 |     |
| 10       |          | 1.09         | 6.6        | 0.89         | 6.4        | 0.73         | 6.5        | 0.46         | 5.2        | NNW | 335 |     |
| 12       |          | 1.27         | 7.1        | 0.95         | 6.4        | 0.72         | 6.1        | 0.45         | 4.5        | NW  | 315 |     |
| 14       |          | 1.25         | 6.4        | 0.79         | 5.9        | 0.64         | 5.7        | 0.42         | 4.3        | NW  | 311 |     |
| 16       |          | 1.06         | 5.9        | 0.80         | 5.1        | 0.66         | 5.0        | 0.44         | 4.1        | NW  | 311 |     |
| 18       |          | 1.03         | 3.5        | 0.69         | 4.9        | 0.54         | 5.1        | 0.34         | 4.0        | NW  | 307 |     |
| 20       |          | 0.68         | 6.6        | 0.50         | 5.3        | 0.42         | 5.1        | 0.27         | 4.0        | NNW | 327 |     |
| 22       |          | 0.59         | 3.8        | 0.43         | 5.3        | 0.34         | 4.7        | 0.22         | 3.8        | NNW | 348 |     |
| 最大<br>平均 |          | 1.88<br>1.27 | 4.6<br>5.5 | 1.50<br>0.93 | 5.3<br>5.6 | 1.19<br>0.74 | 5.2<br>5.5 | 0.73<br>0.47 | 4.3<br>4.4 |     |     |     |
| 17       |          | 00           | 0.47       | 6.6          | 0.37       | 5.2          | 0.31       | 4.8          | 0.20       | 3.6 | WNW | 303 |
|          |          | 02           | 0.57       | 6.0          | 0.36       | 6.0          | 0.29       | 5.8          | 0.18       | 4.2 | NW  | 315 |
|          | 04       | 0.60         | 4.6        | 0.45         | 4.8        | 0.35         | 5.0        | 0.23         | 4.3        | NW  | 319 |     |
|          | 06       | 0.79         | 3.9        | 0.60         | 4.3        | 0.48         | 4.4        | 0.30         | 3.8        | WNW | 299 |     |
|          | 08       | 1.56         | 5.0        | 1.05         | 5.0        | 0.85         | 4.8        | 0.55         | 4.3        | NW  | 323 |     |
|          | 10       | 1.31         | 4.3        | 0.98         | 5.4        | 0.80         | 5.4        | 0.51         | 4.3        | NW  | 307 |     |
|          | 12       | 1.25         | 8.7        | 1.02         | 6.5        | 0.84         | 6.2        | * 0.55       | 4.9        | NW  | 307 |     |
|          | 14       | 1.19         | 5.6        | 0.94         | 6.2        | 0.75         | 5.6        | 0.48         | 4.2        | NW  | 311 |     |
|          | 16       | 1.34         | 5.3        | 0.94         | 5.8        | 0.76         | 5.8        | 0.49         | 4.6        | NW  | 315 |     |
|          | 18       | 1.29         | 5.6        | 0.92         | 5.5        | 0.72         | 5.4        | 0.46         | 4.4        | NW  | 319 |     |
|          | 20       | 1.30         | 6.1        | 1.00         | 5.8        | 0.82         | 5.7        | 0.53         | 4.7        | NW  | 307 |     |
|          | 22       | * 1.65       | 5.8        | * 1.09       | 5.8        | * 0.87       | 5.9        | 0.55         | 4.7        | NW  | 319 |     |
|          | 最大<br>平均 | 1.65<br>1.11 | 5.8<br>5.6 | 1.09<br>0.81 | 5.8<br>5.5 | 0.87<br>0.65 | 5.9<br>5.4 | 0.55<br>0.42 | 4.9<br>4.3 |     |     |     |
|          | 18       | 00           | * 1.48     | 5.8          | * 1.04     | 6.1          | * 0.83     | 5.8          | * 0.53     | 4.5 | NW  | 311 |
|          |          | 02           | 1.27       | 6.6          | 0.98       | 6.1          | 0.78       | 5.9          | 0.50       | 4.8 | NNW | 335 |
| 04       |          | 1.20         | 6.5        | 0.94         | 5.7        | 0.77         | 5.8        | 0.49         | 4.6        | WNW | 303 |     |
| 06       |          | 1.36         | 5.5        | 0.85         | 5.4        | 0.70         | 5.5        | 0.46         | 4.3        | NNW | 327 |     |
| 08       |          | 1.32         | 4.9        | 0.90         | 5.1        | 0.70         | 5.1        | 0.45         | 4.1        | NNW | 335 |     |
| 10       |          | 0.88         | 5.7        | 0.69         | 5.2        | 0.56         | 5.0        | 0.37         | 4.3        | NNW | 340 |     |
| 12       |          | 0.83         | 5.3        | 0.67         | 5.1        | 0.54         | 5.2        | 0.36         | 4.5        | N   | 352 |     |
| 14       |          | 0.67         | 5.4        | 0.55         | 4.8        | 0.45         | 5.0        | 0.29         | 4.1        | N   | 4   |     |
| 16       |          | 0.81         | 4.2        | 0.55         | 4.8        | 0.43         | 4.9        | 0.27         | 4.0        | N   | 8   |     |
| 18       |          | 0.93         | 4.5        | 0.56         | 4.1        | 0.46         | 4.2        | 0.30         | 3.3        | NNE | 14  |     |
| 20       |          | 0.91         | 3.9        | 0.70         | 3.7        | 0.57         | 3.9        | 0.37         | 3.4        | N   | 353 |     |
| 22       |          | 1.33         | 4.4        | 0.97         | 4.3        | 0.75         | 4.2        | 0.47         | 3.7        | NE  | 55  |     |
| 最大<br>平均 |          | 1.48<br>1.08 | 5.8<br>5.2 | 1.04<br>0.78 | 6.1<br>5.0 | 0.83<br>0.63 | 5.8<br>5.0 | 0.53<br>0.41 | 4.5<br>4.1 |     |     |     |
| 19       |          | 00           | 2.00       | 4.7          | 1.42       | 4.3          | 1.14       | 4.4          | 0.75       | 3.9 | WSW | 249 |
|          |          | 02           | 1.65       | 3.6          | 1.32       | 4.9          | 1.08       | 4.9          | 0.70       | 4.3 | NNW | 344 |
|          | 04       | 1.81         | 4.5        | 1.47         | 4.6        | 1.18         | 4.6        | 0.78         | 4.1        | NNW | 331 |     |
|          | 06       | 2.16         | 4.3        | 1.69         | 4.9        | 1.35         | 4.9        | 0.86         | 4.1        | NNW | 331 |     |
|          | 08       | 2.92         | 4.7        | 2.13         | 4.6        | 1.67         | 4.6        | 1.05         | 3.9        |     |     |     |
|          | 10       | * 3.42       | 5.6        | * 2.39       | 5.1        | * 1.84       | 5.0        | * 1.14       | 4.4        | NNW | 344 |     |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 12 | 2.78   | 4.5 | 2.19   | 5.2 | 1.73   | 5.3 | 1.08   | 4.4 | NNW | 327 |
|    | 14 | 2.41   | 5.5 | 1.89   | 5.7 | 1.50   | 5.7 | 0.95   | 4.9 | NNW | 335 |
|    | 16 | 2.81   | 5.6 | 1.95   | 6.4 | 1.50   | 6.2 | 0.94   | 5.2 | NW  | 323 |
|    | 18 | 2.62   | 5.9 | 1.74   | 5.8 | 1.37   | 5.9 | 0.86   | 4.8 | NNW | 327 |
|    | 20 | 1.98   | 4.9 | 1.52   | 5.4 | 1.23   | 5.4 | 0.80   | 4.6 | NNW | 331 |
|    | 22 | 2.04   | 4.3 | 1.63   | 5.6 | 1.32   | 5.3 | 0.83   | 4.5 | WNW | 295 |
|    | 最大 | 3.42   | 5.6 | 2.39   | 5.1 | 1.84   | 5.0 | 1.14   | 4.4 |     |     |
|    | 平均 | 2.38   | 4.8 | 1.78   | 5.2 | 1.41   | 5.2 | 0.90   | 4.4 |     |     |
| 20 | 00 | * 2.19 | 4.5 | * 1.61 | 5.4 | * 1.29 | 5.5 | * 0.82 | 4.6 |     |     |
|    | 02 | 1.95   | 5.2 | 1.51   | 5.8 | 1.20   | 5.8 | 0.75   | 4.9 |     |     |
|    | 04 | 1.96   | 5.9 | 1.57   | 6.0 | 1.27   | 6.1 | 0.81   | 5.3 | WNW | 303 |
|    | 06 | 1.68   | 5.9 | 1.28   | 5.9 | 1.03   | 6.1 | 0.67   | 5.2 | NW  | 307 |
|    | 08 | 1.37   | 5.7 | 1.03   | 5.9 | 0.84   | 6.0 | 0.55   | 5.2 | NW  | 311 |
|    | 10 | 1.31   | 5.8 | 0.95   | 6.2 | 0.77   | 6.2 | 0.49   | 5.0 | NW  | 319 |
|    | 12 | 1.25   | 5.4 | 0.85   | 6.1 | 0.69   | 6.1 | 0.43   | 4.9 | NW  | 307 |
|    | 14 | 1.10   | 5.3 | 0.79   | 5.7 | 0.64   | 5.7 | 0.38   | 4.2 | NNW | 327 |
|    | 16 | 0.98   | 6.7 | 0.78   | 5.6 | 0.63   | 5.7 | 0.40   | 4.7 | NW  | 315 |
|    | 18 | 0.88   | 4.9 | 0.66   | 5.6 | 0.54   | 5.6 | 0.36   | 4.9 | NW  | 311 |
|    | 20 | 0.84   | 5.1 | 0.64   | 5.8 | 0.51   | 5.6 | 0.33   | 4.8 |     |     |
|    | 22 | 0.81   | 5.2 | 0.66   | 5.2 | 0.53   | 5.3 | 0.35   | 4.2 |     |     |
|    | 最大 | 2.19   | 4.5 | 1.61   | 5.4 | 1.29   | 5.5 | 0.82   | 4.6 |     |     |
|    | 平均 | 1.36   | 5.5 | 1.03   | 5.8 | 0.83   | 5.8 | 0.53   | 4.8 |     |     |
| 21 | 00 | 0.91   | 5.0 | 0.59   | 5.3 | 0.47   | 5.4 | 0.30   | 4.4 |     |     |
|    | 02 | 0.82   | 5.2 | 0.68   | 5.1 | 0.55   | 5.0 | 0.36   | 4.1 | NNW | 344 |
|    | 04 | 0.89   | 4.4 | 0.74   | 4.8 | 0.60   | 4.8 | 0.38   | 4.1 | N   | 352 |
|    | 06 | 1.02   | 4.8 | 0.76   | 4.9 | 0.60   | 4.8 | 0.39   | 4.3 | NNE | 20  |
|    | 08 | 1.28   | 4.7 | 0.88   | 4.9 | 0.68   | 5.1 | 0.43   | 4.6 | NNE | 12  |
|    | 10 | 1.44   | 5.1 | 1.01   | 5.0 | 0.82   | 5.2 | 0.53   | 4.5 | N   | 356 |
|    | 12 | 1.45   | 4.8 | 1.21   | 5.1 | 0.99   | 5.0 | 0.63   | 4.2 | N   | 0   |
|    | 14 | * 2.07 | 3.8 | 1.48   | 4.6 | 1.18   | 4.7 | 0.76   | 4.1 | N   | 352 |
|    | 16 | 2.05   | 5.3 | * 1.49 | 5.0 | * 1.19 | 4.9 | * 0.77 | 4.2 | N   | 8   |
|    | 18 | 1.62   | 5.3 | 1.33   | 5.1 | 1.05   | 5.0 | 0.69   | 4.4 | NNW | 348 |
|    | 20 | 1.34   | 5.2 | 1.16   | 5.0 | 0.94   | 5.0 | 0.58   | 4.2 | NNE | 20  |
|    | 22 | 1.47   | 4.2 | 0.97   | 5.3 | 0.78   | 5.2 | 0.50   | 4.2 | NNE | 20  |
|    | 最大 | 2.07   | 3.8 | 1.49   | 5.0 | 1.19   | 4.9 | 0.77   | 4.2 |     |     |
|    | 平均 | 1.36   | 4.8 | 1.03   | 5.0 | 0.82   | 5.0 | 0.53   | 4.3 |     |     |
| 22 | 00 | 1.19   | 4.5 | 0.89   | 5.0 | 0.70   | 5.0 | 0.44   | 4.1 |     |     |
|    | 02 | 1.22   | 6.1 | 0.91   | 4.6 | 0.72   | 4.4 | 0.46   | 3.7 |     |     |
|    | 04 | 1.32   | 4.2 | 1.02   | 4.3 | 0.79   | 4.5 | 0.49   | 3.9 | NW  | 315 |
|    | 06 | 1.72   | 4.2 | 1.10   | 4.3 | 0.87   | 4.4 | 0.55   | 3.8 | NE  | 43  |
|    | 08 | 1.21   | 5.4 | 0.88   | 4.9 | 0.72   | 4.8 | 0.46   | 4.0 | N   | 352 |
|    | 10 | 1.31   | 4.9 | 0.96   | 5.3 | 0.77   | 5.2 | 0.50   | 4.7 | NNW | 327 |
|    | 12 | 2.58   | 5.1 | * 1.86 | 4.8 | 1.50   | 4.9 | 0.93   | 4.2 | WNW | 299 |
|    | 14 | 2.19   | 4.5 | 1.80   | 4.9 | * 1.53 | 5.0 | * 1.03 | 4.4 | W   | 266 |
|    | 16 | * 2.77 | 4.9 | 1.36   | 4.8 | 1.11   | 4.8 | 0.72   | 4.0 | NW  | 319 |
|    | 18 | 1.68   | 5.2 | 1.24   | 4.8 | 0.97   | 4.6 | 0.61   | 4.0 | NW  | 315 |
|    | 20 | 1.31   | 4.5 | 0.97   | 4.8 | 0.78   | 4.9 | 0.49   | 4.2 | NNW | 335 |
|    | 22 | 0.98   | 5.2 | 0.83   | 4.9 | 0.67   | 5.0 | 0.41   | 4.2 | NW  | 323 |
|    | 最大 | 2.77   | 4.9 | 1.86   | 4.8 | 1.53   | 5.0 | 1.03   | 4.4 |     |     |
|    | 平均 | 1.62   | 4.9 | 1.15   | 4.8 | 0.93   | 4.8 | 0.59   | 4.1 |     |     |
| 23 | 00 | 0.95   | 4.8 | 0.73   | 5.0 | * 0.57 | 5.1 | 0.35   | 4.2 |     |     |
|    | 02 | 0.98   | 4.4 | 0.72   | 5.0 | 0.57   | 4.9 | 0.36   | 4.4 | NW  | 319 |
|    | 04 | * 1.11 | 5.1 | * 0.73 | 5.1 | * 0.57 | 5.1 | * 0.37 | 4.6 | NNW | 327 |
|    | 06 | 0.73   | 4.6 | 0.59   | 5.0 | 0.48   | 5.0 | 0.31   | 4.3 | WNW | 303 |
|    | 08 | 0.77   | 4.5 | 0.56   | 4.9 | 0.45   | 4.8 | 0.29   | 4.2 | NW  | 311 |
|    | 10 | 0.65   | 4.5 | 0.48   | 4.7 | 0.39   | 4.7 | 0.24   | 4.0 | NW  | 319 |
|    | 12 | 0.64   | 4.6 | 0.46   | 4.6 | 0.38   | 4.7 | 0.24   | 4.0 | NW  | 315 |
|    | 14 | 0.57   | 4.0 | 0.47   | 4.8 | 0.38   | 4.8 | 0.24   | 4.0 | NW  | 315 |
|    | 16 | 0.66   | 4.8 | 0.48   | 5.0 | 0.39   | 4.9 | 0.24   | 3.9 | NW  | 311 |
|    | 18 | 0.61   | 5.0 | 0.46   | 5.1 | 0.38   | 5.0 | 0.24   | 4.1 | NW  | 311 |
|    | 20 | 0.60   | 4.9 | 0.46   | 5.0 | 0.36   | 5.0 | 0.23   | 4.0 |     |     |
|    | 22 | 0.52   | 5.5 | 0.44   | 5.1 | 0.35   | 5.2 | 0.23   | 4.5 | WNW | 295 |
|    | 最大 | 1.11   | 5.1 | 0.73   | 5.1 | 0.57   | 5.1 | 0.37   | 4.6 |     |     |
|    | 平均 | 0.73   | 4.7 | 0.55   | 4.9 | 0.44   | 4.9 | 0.28   | 4.2 |     |     |
| 24 | 00 | 0.50   | 5.5 | 0.38   | 5.4 | 0.31   | 5.3 | 0.19   | 4.4 | NW  | 311 |
|    | 02 | 0.65   | 5.3 | 0.44   | 5.3 | 0.35   | 5.4 | 0.21   | 4.6 | NW  | 311 |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 04 | 0.61   | 5.1 | 0.46   | 5.4 | 0.36   | 5.3 | 0.22   | 4.5 | NW  | 315 |
|    | 06 | 0.49   | 5.5 | 0.39   | 5.3 | 0.31   | 5.4 | 0.20   | 4.5 | NW  | 319 |
|    | 08 | 0.48   | 5.3 | 0.35   | 5.2 | 0.27   | 5.2 | 0.17   | 3.9 | NW  | 319 |
|    | 10 | 0.69   | 2.5 | 0.45   | 3.0 | 0.36   | 3.0 | 0.24   | 2.6 | N   | 353 |
|    | 12 | 0.97   | 2.3 | 0.66   | 2.7 | 0.52   | 2.8 | 0.34   | 2.7 | WNW | 282 |
|    | 14 | 0.57   | 2.4 | 0.45   | 3.0 | 0.36   | 3.0 | 0.23   | 2.6 | N   | 353 |
|    | 16 | 0.41   | 5.0 | 0.30   | 4.9 | 0.24   | 4.9 | 0.15   | 3.6 | NNW | 340 |
|    | 18 | 0.37   | 4.6 | 0.28   | 5.3 | 0.22   | 5.4 | 0.14   | 3.8 | NW  | 315 |
|    | 20 | 0.40   | 4.9 | 0.31   | 4.5 | 0.25   | 4.0 | 0.16   | 2.9 | NE  | 37  |
|    | 22 | * 0.98 | 2.7 | * 0.75 | 3.2 | * 0.60 | 3.2 | * 0.39 | 2.9 | WSW | 247 |
|    | 最大 | 0.98   | 2.7 | 0.75   | 3.2 | 0.60   | 3.2 | 0.39   | 2.9 |     |     |
|    | 平均 | 0.59   | 4.3 | 0.44   | 4.4 | 0.35   | 4.4 | 0.22   | 3.6 |     |     |
| 25 | 00 | * 2.11 | 4.4 | * 1.48 | 4.0 | * 1.16 | 4.2 | * 0.75 | 3.7 | NNE | 33  |
|    | 02 | 2.03   | 4.6 | 1.31   | 4.5 | 1.01   | 4.3 | 0.64   | 3.7 | WSW | 241 |
|    | 04 | 1.24   | 4.3 | 0.93   | 4.8 | 0.75   | 4.8 | 0.49   | 4.1 | NW  | 319 |
|    | 06 | 1.31   | 5.4 | 0.89   | 5.3 | 0.72   | 5.0 | 0.45   | 4.1 | NW  | 307 |
|    | 08 | 1.32   | 5.8 | 1.03   | 6.0 | 0.85   | 6.1 | 0.56   | 5.1 | NW  | 311 |
|    | 10 | 1.44   | 5.9 | 1.00   | 5.8 | 0.75   | 5.8 | 0.47   | 4.9 | NW  | 315 |
|    | 12 | 0.94   | 5.8 | 0.80   | 5.7 | 0.65   | 5.7 | 0.41   | 4.9 | NW  | 315 |
|    | 14 | 0.97   | 5.7 | 0.71   | 5.7 | 0.59   | 5.6 | 0.37   | 4.7 | NW  | 315 |
|    | 16 | 0.91   | 6.5 | 0.69   | 5.4 | 0.53   | 5.3 | 0.33   | 4.1 | NW  | 315 |
|    | 18 | 1.11   | 5.4 | 0.71   | 5.7 | 0.57   | 5.6 | 0.35   | 4.2 | NW  | 315 |
|    | 20 | 1.23   | 6.0 | 0.85   | 5.7 | 0.66   | 5.8 | 0.42   | 4.7 |     |     |
|    | 22 | 1.03   | 6.1 | 0.78   | 6.2 | 0.60   | 6.2 | 0.37   | 5.2 | NNW | 340 |
|    | 最大 | 2.11   | 4.4 | 1.48   | 4.0 | 1.16   | 4.2 | 0.75   | 3.7 |     |     |
|    | 平均 | 1.30   | 5.5 | 0.93   | 5.4 | 0.74   | 5.4 | 0.47   | 4.5 |     |     |
| 26 | 00 | 1.20   | 6.0 | 0.76   | 5.9 | 0.58   | 6.0 | 0.36   | 5.3 | NNW | 340 |
|    | 02 | 0.79   | 6.8 | 0.68   | 5.8 | 0.56   | 5.9 | 0.36   | 4.7 | NW  | 323 |
|    | 04 | 0.85   | 5.9 | 0.67   | 5.7 | 0.52   | 5.4 | 0.33   | 3.8 | NNW | 327 |
|    | 06 | 0.93   | 5.6 | 0.71   | 5.3 | 0.57   | 4.9 | 0.35   | 3.9 | NW  | 323 |
|    | 08 | 0.90   | 3.8 | 0.69   | 4.6 | 0.57   | 4.7 | 0.37   | 3.7 | NW  | 323 |
|    | 10 | 0.94   | 3.6 | 0.63   | 5.0 | 0.49   | 4.8 | 0.32   | 3.8 | N   | 352 |
|    | 12 | 1.45   | 3.4 | 1.02   | 3.5 | 0.82   | 3.7 | 0.51   | 3.3 | N   | 2   |
|    | 14 | * 2.03 | 4.5 | 1.50   | 3.9 | 1.20   | 4.0 | 0.78   | 3.5 | NE  | 54  |
|    | 16 | 1.73   | 4.1 | 1.30   | 4.1 | 1.04   | 4.1 | 0.67   | 3.6 | W   | 272 |
|    | 18 | 1.94   | 4.4 | * 1.55 | 4.3 | * 1.27 | 4.3 | * 0.81 | 3.8 | W   | 280 |
|    | 20 | 2.01   | 5.1 | 1.41   | 4.4 | 1.13   | 4.5 | 0.74   | 3.9 | NNW | 335 |
|    | 22 | 1.84   | 4.8 | 1.41   | 4.7 | 1.10   | 5.1 | 0.68   | 4.1 | NW  | 323 |
|    | 最大 | 2.03   | 4.5 | 1.55   | 4.3 | 1.27   | 4.3 | 0.81   | 3.8 |     |     |
|    | 平均 | 1.38   | 4.8 | 1.03   | 4.8 | 0.82   | 4.8 | 0.52   | 4.0 |     |     |
| 27 | 00 | 1.48   | 8.9 | 1.10   | 4.9 | 0.89   | 5.0 | 0.57   | 4.0 | WNW | 303 |
|    | 02 | 2.29   | 5.8 | 1.58   | 4.9 | 1.25   | 4.6 | 0.79   | 3.9 | WNW | 282 |
|    | 04 | 2.85   | 5.2 | 2.11   | 5.2 | 1.66   | 5.1 | 1.07   | 4.5 | W   | 266 |
|    | 06 | 3.15   | 4.6 | 2.32   | 5.4 | 1.82   | 5.2 | 1.18   | 4.5 | W   | 270 |
|    | 08 | 2.53   | 4.7 | 2.10   | 5.4 | 1.70   | 5.3 | 1.03   | 4.3 |     |     |
|    | 10 | 2.93   | 4.9 | 2.50   | 6.0 | 2.00   | 5.7 | 1.26   | 4.5 | NW  | 307 |
|    | 12 | * 3.73 | 6.4 | 2.62   | 6.1 | 2.16   | 6.3 | * 1.37 | 4.9 | NW  | 315 |
|    | 14 | 3.55   | 6.6 | * 2.77 | 6.0 | * 2.21 | 6.1 | 1.35   | 4.7 | NW  | 307 |
|    | 16 | 3.09   | 5.5 | 2.31   | 5.9 | 1.83   | 5.9 | 1.17   | 4.8 | NW  | 311 |
|    | 18 | 2.96   | 7.1 | 2.14   | 6.2 | 1.67   | 6.1 | 1.06   | 4.9 | WNW | 290 |
|    | 20 | 2.34   | 5.1 | 1.79   | 5.9 | 1.38   | 5.8 | 0.87   | 4.7 | NW  | 311 |
|    | 22 | 2.40   | 6.6 | 1.67   | 5.3 | 1.33   | 5.4 | 0.84   | 4.3 |     |     |
|    | 最大 | 3.73   | 6.4 | 2.77   | 6.0 | 2.21   | 6.1 | 1.37   | 4.9 |     |     |
|    | 平均 | 2.78   | 6.0 | 2.08   | 5.6 | 1.66   | 5.5 | 1.05   | 4.5 |     |     |
| 28 | 00 | 2.13   | 3.9 | 1.67   | 5.1 | * 1.37 | 5.1 | * 0.89 | 4.2 | WNW | 295 |
|    | 02 | * 2.32 | 4.1 | * 1.71 | 5.1 | 1.35   | 5.0 | 0.87   | 4.1 | NW  | 307 |
|    | 04 | 2.09   | 5.5 | 1.67   | 5.1 | 1.34   | 4.8 | 0.87   | 3.9 | NW  | 307 |
|    | 06 | 2.18   | 4.8 | 1.51   | 4.7 | 1.21   | 4.8 | 0.76   | 4.0 | NW  | 315 |
|    | 08 | 2.07   | 5.7 | 1.47   | 4.9 | 1.13   | 4.8 | 0.70   | 3.8 | NW  | 323 |
|    | 10 | 1.90   | 5.4 | 1.29   | 5.0 | 1.03   | 4.7 | 0.66   | 3.9 | WNW | 299 |
|    | 12 | 1.68   | 4.8 | 1.14   | 5.2 | 0.91   | 5.1 | 0.57   | 4.0 | NW  | 307 |
|    | 14 | 1.30   | 4.9 | 1.02   | 5.5 | 0.81   | 5.3 | 0.51   | 4.2 | N   | 4   |
|    | 16 | 1.25   | 7.2 | 0.90   | 5.7 | 0.71   | 5.8 | 0.44   | 4.6 | NW  | 319 |
|    | 18 | 1.03   | 5.6 | 0.81   | 6.4 | 0.65   | 6.5 | 0.42   | 5.3 | N   | 352 |
|    | 20 | 1.09   | 5.7 | 0.81   | 6.0 | 0.67   | 6.1 | 0.44   | 5.2 | NNW | 344 |
|    | 22 | 1.15   | 5.7 | 0.84   | 6.3 | 0.66   | 6.5 | 0.42   | 5.4 | N   | 4   |
|    | 最大 | 2.32   | 4.1 | 1.71   | 5.1 | 1.37   | 5.1 | 0.89   | 4.2 |     |     |

|     | 平均 | 1.68   | 5.3  | 1.24   | 5.4 | 0.99   | 5.4 | 0.63   | 4.4 |     |     |
|-----|----|--------|------|--------|-----|--------|-----|--------|-----|-----|-----|
| 29  | 00 | * 1.29 | 5.7  | * 0.91 | 6.0 | * 0.72 | 6.0 | * 0.46 | 5.2 | N   | 0   |
|     | 02 | 0.94   | 5.8  | 0.74   | 6.3 | 0.60   | 6.1 | 0.38   | 5.0 | NNE | 12  |
|     | 04 | 0.88   | 4.8  | 0.69   | 6.3 | 0.56   | 6.5 | 0.38   | 5.6 | NNW | 348 |
|     | 06 | 0.88   | 8.0  | 0.70   | 6.5 | 0.56   | 6.7 | 0.36   | 5.4 | NNW | 348 |
|     | 08 | 0.87   | 5.7  | 0.71   | 6.8 | 0.56   | 6.9 | 0.35   | 5.5 | N   | 352 |
|     | 10 | 0.82   | 7.4  | 0.65   | 7.1 | 0.54   | 7.1 | 0.33   | 5.6 | N   | 8   |
|     | 12 | 0.74   | 6.5  | 0.59   | 6.7 | 0.48   | 6.8 | 0.31   | 5.4 | NNW | 348 |
|     | 14 | 1.07   | 7.7  | 0.66   | 7.4 | 0.52   | 7.2 | 0.32   | 5.5 | N   | 352 |
|     | 16 | 0.81   | 7.3  | 0.61   | 7.2 | 0.50   | 7.0 | 0.31   | 5.7 | NNW | 344 |
|     | 18 | 0.71   | 8.1  | 0.58   | 7.4 | 0.48   | 7.5 | 0.32   | 6.2 | NNW | 340 |
|     | 20 | 0.97   | 8.0  | 0.69   | 7.8 | 0.51   | 7.8 | 0.31   | 6.3 | NNW | 344 |
|     | 22 | 0.89   | 7.6  | 0.69   | 8.2 | 0.54   | 8.2 | 0.33   | 6.7 | NNW | 344 |
|     | 最大 | 1.29   | 5.7  | 0.91   | 6.0 | 0.72   | 6.0 | 0.46   | 5.2 |     |     |
|     | 平均 | 0.91   | 6.9  | 0.69   | 7.0 | 0.55   | 7.0 | 0.35   | 5.7 |     |     |
| 30  | 00 | 1.14   | 9.0  | 0.82   | 9.3 | 0.62   | 9.0 | 0.39   | 7.5 | NNW | 340 |
|     | 02 | 0.94   | 10.2 | 0.79   | 9.2 | 0.63   | 9.1 | 0.38   | 7.3 | NNW | 344 |
|     | 04 | 1.01   | 9.5  | 0.73   | 9.1 | 0.60   | 8.8 | 0.37   | 6.5 | NNW | 340 |
|     | 06 | 1.07   | 9.5  | 0.88   | 8.9 | 0.71   | 8.9 | 0.42   | 5.9 | NNW | 348 |
|     | 08 | 1.30   | 5.3  | 1.09   | 6.2 | 0.88   | 5.3 | 0.56   | 4.0 | NNW | 340 |
|     | 10 | 1.29   | 5.3  | 1.07   | 5.6 | 0.87   | 5.4 | 0.57   | 4.2 | NNW | 348 |
|     | 12 | 1.21   | 3.1  | 1.00   | 6.6 | 0.83   | 5.7 | 0.55   | 4.2 | NNW | 344 |
|     | 14 | 1.89   | 4.3  | 1.49   | 5.1 | 1.25   | 4.9 | 0.82   | 4.1 | NNW | 340 |
|     | 16 | 1.74   | 5.5  | 1.51   | 6.7 | 1.23   | 6.2 | 0.81   | 4.7 | NW  | 319 |
|     | 18 | * 2.27 | 5.0  | * 1.79 | 5.9 | * 1.42 | 5.9 | * 0.89 | 4.8 | NW  | 319 |
|     | 20 | 2.06   | 4.8  | 1.56   | 5.5 | 1.25   | 5.7 | 0.80   | 4.5 |     |     |
|     | 22 | 1.85   | 5.0  | 1.53   | 5.5 | 1.23   | 5.8 | 0.79   | 4.8 |     |     |
|     | 最大 | 2.27   | 5.0  | 1.79   | 5.9 | 1.42   | 5.9 | 0.89   | 4.8 |     |     |
|     | 平均 | 1.48   | 6.4  | 1.19   | 7.0 | 0.96   | 6.7 | 0.61   | 5.2 |     |     |
| 月最大 |    | 8.26   | 8.5  | 6.19   | 9.7 | 4.96   | 9.5 | 3.00   | 7.4 |     |     |
| 起時  |    | 0802   |      | 0802   |     | 0802   |     | 0804   |     |     |     |
| 平均  |    | 1.60   | 5.5  | 1.20   | 5.5 | 0.97   | 5.4 | 0.61   | 4.5 |     |     |

\* は日最大波高を示す

波浪整理表（1）

2013年 5月

| 波高   |       | 波向   |       |
|------|-------|------|-------|
| 規定回数 | 372 回 | 規定回数 | 372 回 |
| 測得回数 | 372 回 | 測得回数 | 352 回 |
| 欠測回数 | 0 回   | 欠測回数 | 20 回  |
| 欠測率  | 0.0 % | 欠測率  | 5.4 % |

観測所名：|直江津港(直轄) | 機種：|波高 海象計 -32m 波向 海象計 -32m

| 日  | 時  | H max  | T max | H 1/10 | T 1/10 | H 1/3  | T 1/3 | H mean | T mean | 波向   |     |
|----|----|--------|-------|--------|--------|--------|-------|--------|--------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)    | (m)    | (s)   | (m)    | (s)    | 16方位 | 角度  |
| 01 | 00 | 1.99   | 5.2   | 1.43   | 6.2    | 1.13   | 6.0   | 0.74   | 4.8    | NNW  | 331 |
|    | 02 | 2.15   | 6.4   | 1.63   | 6.0    | 1.29   | 6.0   | 0.82   | 4.9    | NW   | 311 |
|    | 04 | 2.44   | 6.3   | 1.71   | 6.8    | 1.40   | 6.5   | 0.88   | 5.3    | NW   | 323 |
|    | 06 | 2.07   | 7.0   | 1.57   | 6.5    | 1.26   | 6.2   | 0.77   | 4.7    | NW   | 311 |
|    | 08 | 1.85   | 4.5   | 1.38   | 6.4    | 1.15   | 5.9   | 0.74   | 4.6    | NW   | 315 |
|    | 10 | 2.37   | 5.6   | 1.54   | 7.0    | 1.21   | 6.4   | 0.75   | 4.6    | NNW  | 331 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 12 | 2.67   | 7.1   | 1.91   | 6.2    | 1.55   | 5.9   | 1.00   | 4.6    | NNW  | 335 |
|    | 14 | 2.40   | 7.9   | 1.83   | 6.6    | 1.47   | 6.3   | 0.94   | 4.7    | NW   | 323 |
|    | 16 | 2.80   | 4.7   | 1.90   | 5.8    | 1.52   | 5.8   | 0.94   | 4.5    | NNW  | 335 |
|    | 18 | 2.71   | 5.8   | 2.07   | 6.7    | 1.57   | 6.3   | 0.96   | 4.6    | NNW  | 331 |
|    | 20 | 3.39   | 7.2   | 2.38   | 7.2    | 1.87   | 6.7   | 1.22   | 5.4    | NNW  | 331 |
|    | 22 | * 3.86 | 7.5   | * 2.47 | 7.4    | * 1.95 | 7.1   | * 1.23 | 5.5    | NNW  | 331 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 最大 | 3.86   | 7.5   | 2.47   | 7.4    | 1.95   | 7.1   | 1.23   | 5.5    |      |     |
|    | 平均 | 2.56   | 6.3   | 1.82   | 6.6    | 1.45   | 6.3   | 0.92   | 4.9    |      |     |
| 02 | 00 | 2.63   | 5.6   | 2.20   | 7.1    | 1.80   | 6.4   | 1.11   | 4.9    | NNW  | 335 |
|    | 02 | 2.80   | 4.7   | * 2.25 | 6.5    | * 1.81 | 6.4   | * 1.14 | 4.9    | NNW  | 335 |
|    | 04 | * 3.21 | 8.0   | 2.16   | 6.6    | 1.71   | 6.1   | 1.06   | 4.7    | NNW  | 340 |
|    | 06 | 2.36   | 3.7   | 1.90   | 5.7    | 1.56   | 5.5   | 0.99   | 4.4    | NNW  | 340 |
|    | 08 | 2.51   | 5.6   | 1.87   | 5.7    | 1.45   | 5.5   | 0.90   | 4.2    | NNW  | 340 |
|    | 10 | 2.47   | 4.9   | 1.91   | 5.8    | 1.53   | 5.7   | 0.98   | 4.5    | NNW  | 344 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 12 | 1.95   | 6.7   | 1.75   | 5.9    | 1.42   | 5.6   | 0.89   | 4.6    | NNW  | 344 |
|    | 14 | 2.21   | 5.5   | 1.63   | 6.1    | 1.28   | 5.7   | 0.83   | 4.5    | NNW  | 348 |
|    | 16 | 2.26   | 5.4   | 1.74   | 6.2    | 1.41   | 5.6   | 0.91   | 4.6    | N    | 352 |
|    | 18 | 2.43   | 6.4   | 1.59   | 5.8    | 1.30   | 5.5   | 0.86   | 4.6    | NNW  | 344 |
|    | 20 | 1.76   | 7.0   | 1.49   | 5.8    | 1.25   | 5.7   | 0.81   | 4.5    | NNW  | 348 |
|    | 22 | 1.83   | 7.6   | 1.39   | 6.2    | 1.13   | 5.9   | 0.72   | 4.6    | NNW  | 344 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 最大 | 3.21   | 8.0   | 2.25   | 6.5    | 1.81   | 6.4   | 1.14   | 4.9    |      |     |
|    | 平均 | 2.37   | 5.9   | 1.82   | 6.1    | 1.47   | 5.8   | 0.93   | 4.6    |      |     |
| 03 | 00 | * 1.96 | 8.0   | * 1.44 | 6.3    | * 1.12 | 6.3   | * 0.71 | 5.1    | N    | 356 |
|    | 02 | 1.56   | 5.9   | 1.20   | 5.8    | 0.98   | 6.1   | 0.63   | 5.1    | NNW  | 344 |
|    | 04 | 1.63   | 5.3   | 1.04   | 6.7    | 0.84   | 6.4   | 0.54   | 5.2    | N    | 352 |
|    | 06 | 1.32   | 5.4   | 1.05   | 6.8    | 0.86   | 6.5   | 0.55   | 4.9    | NNW  | 340 |
|    | 08 | 1.23   | 6.0   | 1.00   | 5.5    | 0.82   | 5.0   | 0.53   | 3.8    | NNW  | 348 |
|    | 10 | 1.69   | 4.5   | 1.16   | 5.2    | 0.92   | 5.2   | 0.58   | 4.0    | N    | 356 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 12 | 1.26   | 8.7   | 0.96   | 6.0    | 0.80   | 5.6   | 0.53   | 4.3    | NNW  | 348 |
|    | 14 | 1.02   | 6.9   | 0.80   | 5.9    | 0.65   | 5.5   | 0.41   | 4.2    | N    | 352 |
|    | 16 | 1.04   | 4.0   | 0.77   | 5.7    | 0.62   | 5.4   | 0.41   | 4.3    | N    | 0   |
|    | 18 | 0.91   | 7.1   | 0.70   | 5.6    | 0.56   | 5.0   | 0.36   | 4.1    | N    | 356 |
|    | 20 | 1.24   | 5.0   | 0.93   | 5.0    | 0.72   | 5.0   | 0.46   | 4.3    | N    | 356 |
|    | 22 | 1.54   | 5.3   | 1.20   | 5.1    | 0.89   | 5.0   | 0.56   | 4.5    | NW   | 307 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 最大 | 1.96   | 8.0   | 1.44   | 6.3    | 1.12   | 6.3   | 0.71   | 5.1    |      |     |
|    | 平均 | 1.37   | 6.0   | 1.02   | 5.8    | 0.82   | 5.6   | 0.52   | 4.5    |      |     |
| 04 | 00 | * 1.58 | 5.1   | * 1.07 | 5.3    | * 0.84 | 5.2   | * 0.53 | 4.6    | NW   | 315 |
|    | 02 | 1.29   | 5.3   | 0.91   | 5.3    | 0.74   | 5.5   | 0.47   | 4.7    | NNW  | 327 |
|    | 04 | 1.01   | 5.1   | 0.79   | 5.4    | 0.64   | 5.3   | 0.41   | 4.6    |      |     |
|    | 06 | 1.15   | 5.7   | 0.84   | 5.2    | 0.65   | 5.4   | 0.42   | 4.7    | WNW  | 303 |
|    | 08 | 0.96   | 5.8   | 0.77   | 5.4    | 0.61   | 5.2   | 0.40   | 4.7    | NW   | 311 |
|    | 10 | 1.06   | 5.1   | 0.82   | 5.4    | 0.66   | 5.7   | 0.42   | 4.6    | NW   | 311 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 12 | 1.14   | 5.3   | 0.80   | 5.8    | 0.66   | 5.6   | 0.43   | 4.8    | NNW  | 340 |
|    | 14 | 0.92   | 4.9   | 0.75   | 6.0    | 0.63   | 6.3   | 0.42   | 5.3    | NNW  | 348 |
|    | 16 | 1.01   | 5.9   | 0.83   | 6.1    | 0.67   | 5.8   | 0.45   | 4.9    | NW   | 311 |
|    | 18 | 1.23   | 4.9   | 0.80   | 6.1    | 0.65   | 6.6   | 0.42   | 5.1    | N    | 356 |
|    | 20 | 1.23   | 5.1   | 0.89   | 6.0    | 0.71   | 5.7   | 0.46   | 4.7    | NW   | 323 |
|    | 22 | 1.13   | 5.2   | 0.92   | 5.8    | 0.75   | 5.8   | 0.48   | 4.9    | NNW  | 331 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 最大 | 1.58   | 5.1   | 1.07   | 5.3    | 0.84   | 5.2   | 0.53   | 4.6    |      |     |

|    |    |        |      |        |      |        |     |        |     |     |     |
|----|----|--------|------|--------|------|--------|-----|--------|-----|-----|-----|
|    | 平均 | 1.14   | 5.3  | 0.85   | 5.7  | 0.68   | 5.7 | 0.44   | 4.8 |     |     |
| 05 | 00 | 1.21   | 5.0  | 0.85   | 6.2  | 0.68   | 6.1 | 0.44   | 4.7 | WNW | 299 |
|    | 02 | * 1.31 | 5.8  | * 0.86 | 5.5  | * 0.70 | 6.1 | * 0.47 | 5.2 | NW  | 315 |
|    | 04 | 1.08   | 5.3  | 0.80   | 7.5  | 0.63   | 6.9 | 0.40   | 5.3 | NW  | 311 |
|    | 06 | 0.92   | 12.8 | 0.76   | 10.4 | 0.61   | 9.1 | 0.40   | 6.3 | N   | 356 |
|    | 08 | 0.86   | 10.0 | 0.68   | 7.5  | 0.56   | 6.8 | 0.37   | 5.4 | NNW | 344 |
|    | 10 | 0.97   | 6.1  | 0.75   | 8.1  | 0.60   | 6.7 | 0.38   | 5.1 | NNW | 340 |
|    | 12 | 0.99   | 9.7  | 0.77   | 7.6  | 0.61   | 6.3 | 0.40   | 4.5 | N   | 352 |
|    | 14 | 1.09   | 9.5  | 0.71   | 8.1  | 0.57   | 6.8 | 0.37   | 4.9 | NNW | 335 |
|    | 16 | 1.05   | 8.5  | 0.71   | 7.7  | 0.57   | 7.3 | 0.36   | 5.2 | NNW | 340 |
|    | 18 | 0.86   | 6.9  | 0.63   | 7.3  | 0.49   | 6.1 | 0.32   | 4.5 | NNW | 340 |
|    | 20 | 1.05   | 7.5  | 0.67   | 7.1  | 0.53   | 6.2 | 0.33   | 4.9 | NNW | 340 |
|    | 22 | 0.74   | 4.2  | 0.54   | 6.1  | 0.44   | 5.7 | 0.28   | 4.5 | NNW | 348 |
|    | 最大 | 1.31   | 5.8  | 0.86   | 5.5  | 0.70   | 6.1 | 0.47   | 5.2 |     |     |
|    | 平均 | 1.01   | 7.6  | 0.73   | 7.4  | 0.58   | 6.7 | 0.38   | 5.0 |     |     |
| 06 | 00 | 0.87   | 5.1  | 0.56   | 6.3  | 0.44   | 5.7 | 0.29   | 4.7 |     |     |
|    | 02 | 0.63   | 4.4  | 0.54   | 5.7  | 0.43   | 5.8 | 0.28   | 4.8 | NNW | 335 |
|    | 04 | 0.80   | 5.1  | 0.54   | 5.2  | 0.43   | 5.4 | 0.28   | 4.7 | NW  | 323 |
|    | 06 | 0.85   | 5.7  | 0.61   | 5.4  | 0.47   | 5.4 | 0.31   | 4.9 | NW  | 315 |
|    | 08 | 0.79   | 5.6  | 0.61   | 5.6  | 0.50   | 5.6 | 0.33   | 5.2 | NW  | 315 |
|    | 10 | 0.75   | 4.9  | 0.59   | 5.4  | 0.48   | 5.5 | 0.31   | 4.7 | NW  | 315 |
|    | 12 | 0.86   | 5.5  | 0.66   | 5.7  | 0.53   | 5.7 | 0.34   | 4.9 | NW  | 311 |
|    | 14 | * 3.39 | 4.2  | 2.18   | 4.6  | 1.69   | 4.7 | 1.10   | 4.1 | NW  | 315 |
|    | 16 | 3.15   | 6.0  | * 2.40 | 5.5  | * 1.96 | 5.5 | * 1.25 | 4.8 | W   | 278 |
|    | 18 | 3.20   | 4.9  | 2.19   | 5.0  | 1.71   | 5.0 | 1.08   | 4.2 | WNW | 295 |
|    | 20 | 2.75   | 6.3  | 2.19   | 5.2  | 1.68   | 5.4 | 1.03   | 4.4 | NW  | 307 |
|    | 22 | 3.32   | 5.7  | 2.35   | 5.8  | 1.88   | 5.6 | 1.21   | 4.7 | W   | 278 |
|    | 最大 | 3.39   | 4.2  | 2.40   | 5.5  | 1.96   | 5.5 | 1.25   | 4.8 |     |     |
|    | 平均 | 1.78   | 5.3  | 1.29   | 5.5  | 1.02   | 5.4 | 0.65   | 4.7 |     |     |
| 07 | 00 | 2.83   | 5.9  | 2.33   | 5.2  | 1.88   | 5.4 | 1.23   | 4.8 | WNW | 299 |
|    | 02 | 2.54   | 5.6  | 2.22   | 6.1  | 1.83   | 5.9 | 1.22   | 5.2 | NW  | 323 |
|    | 04 | 3.06   | 6.5  | 2.29   | 6.8  | 1.86   | 6.8 | 1.19   | 5.3 | NW  | 319 |
|    | 06 | 3.86   | 6.1  | 2.48   | 6.7  | 1.97   | 6.5 | 1.23   | 5.2 | NNW | 335 |
|    | 08 | 3.48   | 8.9  | 2.43   | 7.1  | 1.98   | 7.0 | * 1.26 | 5.4 | NNW | 348 |
|    | 10 | 2.91   | 8.1  | 2.49   | 7.3  | 1.95   | 7.1 | 1.18   | 5.4 | NNW | 340 |
|    | 12 | * 3.92 | 6.8  | 2.35   | 7.4  | 1.90   | 7.4 | 1.14   | 5.5 | NNW | 331 |
|    | 14 | 3.53   | 4.8  | * 2.59 | 6.8  | * 1.99 | 7.1 | 1.24   | 5.5 | NNW | 344 |
|    | 16 | 2.76   | 7.5  | 2.09   | 7.3  | 1.62   | 6.6 | 0.99   | 4.9 | N   | 356 |
|    | 18 | 2.96   | 6.9  | 2.02   | 7.3  | 1.61   | 7.0 | 1.04   | 5.6 | NNW | 344 |
|    | 20 | 2.23   | 6.8  | 1.70   | 7.5  | 1.40   | 7.1 | 0.90   | 5.3 | NNW | 348 |
|    | 22 | 2.15   | 6.6  | 1.62   | 7.7  | 1.28   | 7.1 | 0.79   | 5.3 | N   | 356 |
|    | 最大 | 3.92   | 6.8  | 2.59   | 6.8  | 1.99   | 7.1 | 1.26   | 5.4 |     |     |
|    | 平均 | 3.02   | 6.7  | 2.22   | 6.9  | 1.77   | 6.8 | 1.12   | 5.3 |     |     |
| 08 | 00 | 1.66   | 8.4  | 1.39   | 6.3  | 1.13   | 6.0 | 0.72   | 4.5 | N   | 352 |
|    | 02 | * 2.71 | 4.2  | * 1.60 | 6.0  | * 1.27 | 5.7 | * 0.82 | 4.5 | N   | 0   |
|    | 04 | 1.83   | 6.4  | 1.30   | 6.5  | 1.07   | 6.0 | 0.69   | 4.6 | N   | 352 |
|    | 06 | 1.62   | 7.1  | 1.12   | 6.0  | 0.89   | 5.8 | 0.55   | 4.4 | N   | 8   |
|    | 08 | 1.61   | 6.5  | 1.16   | 7.0  | 0.95   | 6.6 | 0.60   | 5.0 | N   | 4   |
|    | 10 | 1.48   | 7.9  | 1.15   | 6.2  | 0.89   | 6.0 | 0.56   | 4.9 | N   | 0   |
|    | 12 | 1.33   | 5.1  | 1.05   | 6.4  | 0.84   | 6.2 | 0.53   | 4.8 | N   | 0   |
|    | 14 | 1.37   | 7.3  | 1.03   | 7.6  | 0.84   | 6.8 | 0.55   | 5.6 | N   | 356 |
|    | 16 | 1.04   | 6.4  | 0.86   | 6.4  | 0.71   | 6.5 | 0.44   | 5.1 | N   | 356 |
|    | 18 | 1.12   | 5.6  | 0.81   | 6.2  | 0.67   | 6.4 | 0.42   | 4.9 | NNW | 348 |
|    | 20 | 0.98   | 6.1  | 0.71   | 5.9  | 0.58   | 6.1 | 0.38   | 4.7 | NNE | 12  |
|    | 22 | 0.73   | 7.0  | 0.65   | 7.1  | 0.54   | 6.6 | 0.36   | 5.2 | NNE | 12  |
|    | 最大 | 2.71   | 4.2  | 1.60   | 6.0  | 1.27   | 5.7 | 0.82   | 4.5 |     |     |
|    | 平均 | 1.46   | 6.5  | 1.07   | 6.5  | 0.87   | 6.2 | 0.55   | 4.9 |     |     |
| 09 | 00 | * 1.04 | 7.2  | * 0.78 | 7.1  | * 0.62 | 7.0 | * 0.39 | 5.6 | NNE | 12  |
|    | 02 | 0.92   | 7.2  | 0.66   | 7.1  | 0.53   | 6.9 | 0.35   | 5.8 | NNE | 16  |
|    | 04 | 0.68   | 6.1  | 0.60   | 6.9  | 0.48   | 6.9 | 0.31   | 5.6 | N   | 8   |
|    | 06 | 0.72   | 6.9  | 0.51   | 6.1  | 0.42   | 6.3 | 0.26   | 5.0 | N   | 4   |
|    | 08 | 0.58   | 5.5  | 0.38   | 5.9  | 0.30   | 5.7 | 0.19   | 4.6 | NNW | 348 |
|    | 10 | 0.53   | 5.9  | 0.36   | 5.8  | 0.28   | 5.6 | 0.18   | 4.3 | NE  | 37  |
|    | 12 | 0.42   | 7.8  | 0.34   | 5.2  | 0.27   | 4.7 | 0.17   | 3.4 | NNW | 335 |
|    | 14 | 0.43   | 5.1  | 0.29   | 5.7  | 0.24   | 5.3 | 0.15   | 4.0 | N   | 356 |
|    | 16 | 0.40   | 5.5  | 0.26   | 5.6  | 0.21   | 5.3 | 0.13   | 3.8 | NNE | 25  |
|    | 18 | 0.36   | 4.5  | 0.26   | 4.8  | 0.21   | 5.4 | 0.14   | 4.3 | N   | 356 |
|    | 20 | 0.40   | 5.2  | 0.28   | 4.9  | 0.23   | 5.0 | 0.14   | 4.2 | NNE | 29  |
|    | 22 | 0.36   | 6.4  | 0.28   | 5.4  | 0.22   | 5.1 | 0.14   | 3.9 | NNW | 335 |

|    |    |        |     |        |     |        |     |        |     |     |     |  |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|--|
|    |    |        |     |        |     |        |     |        |     |     |     |  |
|    | 最大 | 1.04   | 7.2 | 0.78   | 7.1 | 0.62   | 7.0 | 0.39   | 5.6 |     |     |  |
|    | 平均 | 0.57   | 6.1 | 0.42   | 5.9 | 0.33   | 5.8 | 0.21   | 4.5 |     |     |  |
| 10 | 00 | 0.53   | 4.7 | 0.41   | 4.7 | 0.32   | 4.8 | 0.21   | 4.2 | NW  | 311 |  |
|    | 02 | 0.58   | 5.3 | * 0.44 | 4.9 | * 0.35 | 5.0 | * 0.22 | 4.3 | WNW | 286 |  |
|    | 04 | 0.59   | 5.8 | 0.43   | 5.3 | 0.33   | 5.2 | 0.21   | 4.4 | WNW | 282 |  |
|    | 06 | 0.50   | 5.8 | 0.41   | 5.3 | 0.32   | 5.3 | 0.21   | 4.3 | NW  | 311 |  |
|    | 08 | * 0.68 | 3.5 | 0.38   | 5.0 | 0.29   | 4.9 | 0.18   | 4.3 | WNW | 282 |  |
|    | 10 | 0.42   | 5.5 | 0.33   | 5.0 | 0.26   | 4.8 | 0.17   | 4.0 | WNW | 290 |  |
|    |    |        |     |        |     |        |     |        |     |     |     |  |
|    | 12 | 0.36   | 4.7 | 0.28   | 4.8 | 0.23   | 4.8 | 0.15   | 3.7 | NNW | 335 |  |
|    | 14 | 0.62   | 3.6 | 0.31   | 4.5 | 0.23   | 4.6 | 0.14   | 3.8 | NNW | 327 |  |
|    | 16 | 0.53   | 4.6 | 0.29   | 4.6 | 0.23   | 4.6 | 0.15   | 3.7 |     |     |  |
|    | 18 | 0.30   | 3.8 | 0.24   | 4.5 | 0.19   | 4.7 | 0.12   | 3.9 |     |     |  |
|    | 20 | 0.35   | 2.4 | 0.24   | 4.2 | 0.19   | 4.1 | 0.13   | 3.0 | N   | 355 |  |
|    | 22 | 0.40   | 4.5 | 0.28   | 4.6 | 0.22   | 4.5 | 0.14   | 3.3 | NNW | 340 |  |
|    |    |        |     |        |     |        |     |        |     |     |     |  |
|    | 最大 | 0.68   | 3.5 | 0.44   | 4.9 | 0.35   | 5.0 | 0.22   | 4.3 |     |     |  |
|    | 平均 | 0.49   | 4.5 | 0.34   | 4.8 | 0.26   | 4.8 | 0.17   | 3.9 |     |     |  |
| 11 | 00 | 0.37   | 3.8 | 0.26   | 4.5 | 0.21   | 4.2 | 0.14   | 3.2 | NE  | 53  |  |
|    | 02 | 0.32   | 2.9 | 0.25   | 3.9 | 0.20   | 3.7 | 0.13   | 3.1 | NNE | 15  |  |
|    | 04 | 0.26   | 2.8 | 0.21   | 4.0 | 0.17   | 3.9 | 0.12   | 3.1 | N   | 356 |  |
|    | 06 | 0.39   | 2.9 | 0.28   | 4.2 | 0.22   | 4.3 | 0.15   | 3.5 | NE  | 38  |  |
|    | 08 | 0.36   | 6.6 | 0.28   | 6.7 | 0.22   | 5.9 | 0.15   | 4.1 | NNW | 340 |  |
|    | 10 | 0.44   | 6.5 | 0.34   | 5.7 | 0.27   | 4.7 | 0.18   | 3.5 | NNW | 348 |  |
|    |    |        |     |        |     |        |     |        |     |     |     |  |
|    | 12 | 0.43   | 7.2 | 0.33   | 6.6 | 0.28   | 6.3 | 0.17   | 4.3 | NNW | 344 |  |
|    | 14 | * 0.48 | 8.3 | * 0.38 | 6.9 | 0.29   | 6.4 | 0.18   | 4.5 | NW  | 315 |  |
|    | 16 | 0.44   | 7.0 | 0.36   | 6.7 | * 0.30 | 6.9 | * 0.19 | 5.3 | NW  | 323 |  |
|    | 18 | 0.44   | 6.7 | 0.36   | 6.5 | 0.29   | 6.4 | 0.18   | 5.2 | NNW | 335 |  |
|    | 20 | 0.43   | 6.5 | 0.35   | 6.7 | 0.28   | 6.4 | 0.18   | 5.0 | NNW | 335 |  |
|    | 22 | 0.33   | 6.1 | 0.28   | 6.4 | 0.23   | 6.2 | 0.15   | 4.6 | NW  | 315 |  |
|    |    |        |     |        |     |        |     |        |     |     |     |  |
|    | 最大 | 0.48   | 8.3 | 0.38   | 6.9 | 0.30   | 6.9 | 0.19   | 5.3 |     |     |  |
|    | 平均 | 0.39   | 5.6 | 0.31   | 5.7 | 0.25   | 5.4 | 0.16   | 4.1 |     |     |  |
| 12 | 00 | 0.38   | 6.4 | 0.33   | 6.0 | 0.27   | 6.1 | 0.17   | 4.8 | NW  | 319 |  |
|    | 02 | 0.47   | 7.0 | 0.36   | 6.2 | 0.28   | 5.8 | 0.18   | 4.1 | NW  | 323 |  |
|    | 04 | 0.44   | 7.4 | 0.36   | 6.1 | 0.28   | 5.6 | 0.17   | 3.9 | NNW | 340 |  |
|    | 06 | 0.43   | 5.9 | 0.35   | 5.9 | 0.28   | 5.8 | 0.17   | 4.0 | NW  | 319 |  |
|    | 08 | 0.43   | 5.6 | 0.35   | 5.8 | 0.27   | 5.8 | 0.17   | 4.3 | NW  | 315 |  |
|    | 10 | 0.49   | 6.3 | 0.36   | 6.0 | 0.29   | 5.9 | 0.18   | 4.3 | N   | 356 |  |
|    |    |        |     |        |     |        |     |        |     |     |     |  |
|    | 12 | 0.46   | 5.5 | 0.38   | 5.7 | 0.30   | 5.8 | 0.18   | 4.1 | NNW | 335 |  |
|    | 14 | 0.56   | 6.0 | 0.42   | 6.0 | 0.33   | 5.7 | 0.20   | 4.2 | N   | 356 |  |
|    | 16 | 0.50   | 6.1 | 0.36   | 6.1 | 0.28   | 5.6 | 0.17   | 4.2 | NNW | 340 |  |
|    | 18 | 0.55   | 5.8 | * 0.42 | 6.6 | 0.32   | 6.6 | * 0.20 | 5.1 | NW  | 323 |  |
|    | 20 | * 0.60 | 7.0 | 0.42   | 6.5 | * 0.33 | 6.6 | 0.20   | 5.0 | N   | 356 |  |
|    | 22 | 0.59   | 7.3 | 0.39   | 7.8 | 0.32   | 7.4 | 0.19   | 5.5 | NNW | 348 |  |
|    |    |        |     |        |     |        |     |        |     |     |     |  |
|    | 最大 | 0.60   | 7.0 | 0.42   | 6.6 | 0.33   | 6.6 | 0.20   | 5.1 |     |     |  |
|    | 平均 | 0.49   | 6.4 | 0.38   | 6.2 | 0.30   | 6.1 | 0.18   | 4.5 |     |     |  |
| 13 | 00 | 0.57   | 7.6 | 0.41   | 7.2 | 0.33   | 7.3 | 0.22   | 6.2 |     |     |  |
|    | 02 | 0.61   | 6.9 | 0.44   | 7.4 | 0.35   | 7.5 | 0.23   | 6.1 | NNW | 327 |  |
|    | 04 | 0.58   | 6.2 | 0.43   | 6.8 | 0.34   | 6.9 | 0.21   | 5.1 | NNW | 331 |  |
|    | 06 | 0.54   | 7.3 | 0.41   | 7.1 | 0.32   | 7.0 | 0.20   | 5.3 | NW  | 319 |  |
|    | 08 | 0.52   | 7.3 | 0.37   | 6.5 | 0.30   | 6.6 | 0.18   | 4.9 | NNW | 344 |  |
|    | 10 | 0.52   | 6.7 | 0.36   | 7.4 | 0.29   | 7.2 | 0.18   | 5.3 | NNW | 344 |  |
|    |    |        |     |        |     |        |     |        |     |     |     |  |
|    | 12 | 0.49   | 5.9 | 0.36   | 7.0 | 0.29   | 6.8 | 0.18   | 5.1 | NNW | 335 |  |
|    | 14 | 0.64   | 7.9 | 0.48   | 5.4 | 0.37   | 5.4 | 0.23   | 4.1 | NNW | 340 |  |
|    | 16 | 1.36   | 3.1 | 1.00   | 4.1 | 0.81   | 4.1 | 0.53   | 3.5 | WSW | 254 |  |
|    | 18 | 1.38   | 4.8 | 1.12   | 4.9 | 0.92   | 4.7 | 0.58   | 4.0 | NNW | 327 |  |
|    | 20 | 1.74   | 6.4 | * 1.32 | 5.1 | * 1.06 | 5.1 | * 0.66 | 4.1 | NNW | 335 |  |
|    | 22 | * 1.83 | 5.1 | 1.27   | 5.0 | 1.00   | 5.0 | 0.65   | 4.4 | WNW | 286 |  |
|    |    |        |     |        |     |        |     |        |     |     |     |  |
|    | 最大 | 1.83   | 5.1 | 1.32   | 5.1 | 1.06   | 5.1 | 0.66   | 4.1 |     |     |  |
|    | 平均 | 0.90   | 6.3 | 0.66   | 6.2 | 0.53   | 6.1 | 0.34   | 4.8 |     |     |  |
| 14 | 00 | 1.29   | 4.4 | * 0.96 | 5.3 | * 0.76 | 5.0 | * 0.50 | 4.4 |     |     |  |
|    | 02 | 1.10   | 5.5 | 0.80   | 5.3 | 0.63   | 5.6 | 0.40   | 4.6 | NW  | 323 |  |
|    | 04 | 0.92   | 6.0 | 0.74   | 5.4 | 0.61   | 5.3 | 0.39   | 4.4 | NW  | 315 |  |
|    | 06 | 0.78   | 7.3 | 0.68   | 5.6 | 0.55   | 5.5 | 0.36   | 4.6 | NNW | 335 |  |
|    | 08 | 0.95   | 6.2 | 0.77   | 6.2 | 0.60   | 5.9 | 0.39   | 4.5 | NNW | 327 |  |
|    | 10 | 0.90   | 6.1 | 0.78   | 5.8 | 0.64   | 5.8 | 0.40   | 4.3 | NNW | 340 |  |
|    |    |        |     |        |     |        |     |        |     |     |     |  |
|    | 12 | 0.93   | 4.4 | 0.77   | 6.0 | 0.63   | 6.0 | 0.40   | 4.5 | NNW | 340 |  |
|    | 14 | 0.99   | 5.7 | 0.75   | 5.4 | 0.60   | 5.2 | 0.39   | 4.1 | NNW | 344 |  |

|    |    |        |     |        |     |        |     |        |     |                                                                        |                                                                               |  |  |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|------------------------------------------------------------------------|-------------------------------------------------------------------------------|--|--|
|    | 16 | * 1.38 | 4.4 | 0.94   | 4.7 | 0.75   | 4.6 | 0.47   | 3.9 | NE<br>NNW                                                              | 45<br>327                                                                     |  |  |
|    | 18 | 1.19   | 4.3 | 0.87   | 4.4 | 0.69   | 4.7 | 0.44   | 4.1 |                                                                        |                                                                               |  |  |
|    | 20 | 0.99   | 5.6 | 0.81   | 5.1 | 0.66   | 5.0 | 0.43   | 4.4 |                                                                        |                                                                               |  |  |
|    | 22 | 1.12   | 3.9 | 0.89   | 5.0 | 0.73   | 5.0 | 0.47   | 4.2 |                                                                        |                                                                               |  |  |
|    | 最大 | 1.38   | 4.4 | 0.96   | 5.3 | 0.76   | 5.0 | 0.50   | 4.4 |                                                                        |                                                                               |  |  |
|    | 平均 | 1.05   | 5.3 | 0.81   | 5.4 | 0.65   | 5.3 | 0.42   | 4.3 |                                                                        |                                                                               |  |  |
| 15 | 00 | * 0.97 | 5.5 | 0.70   | 5.3 | * 0.57 | 5.3 | * 0.35 | 4.1 | NNW<br>NNW<br>NNW<br>NNW<br>N<br><br>NW<br>NW<br>NNW<br>N<br>NNW<br>NW | 344<br>335<br>340<br>340<br>352<br><br>323<br>315<br>327<br>356<br>335<br>319 |  |  |
|    | 02 | 0.95   | 7.0 | * 0.70 | 6.3 | 0.54   | 5.9 | 0.34   | 4.6 |                                                                        |                                                                               |  |  |
|    | 04 | 0.82   | 6.4 | 0.61   | 6.5 | 0.50   | 6.4 | 0.32   | 5.1 |                                                                        |                                                                               |  |  |
|    | 06 | 0.63   | 7.0 | 0.52   | 6.4 | 0.42   | 6.2 | 0.26   | 4.5 |                                                                        |                                                                               |  |  |
|    | 08 | 0.60   | 5.0 | 0.47   | 6.0 | 0.39   | 6.3 | 0.24   | 4.8 |                                                                        |                                                                               |  |  |
|    | 10 | 0.67   | 4.3 | 0.49   | 6.0 | 0.40   | 6.3 | 0.26   | 4.9 |                                                                        |                                                                               |  |  |
|    | 12 | 0.54   | 6.2 | 0.41   | 5.9 | 0.34   | 6.0 | 0.23   | 4.7 |                                                                        |                                                                               |  |  |
|    | 14 | 0.67   | 5.5 | 0.50   | 6.1 | 0.40   | 6.1 | 0.25   | 4.7 |                                                                        |                                                                               |  |  |
|    | 16 | 0.47   | 5.7 | 0.38   | 6.0 | 0.30   | 5.9 | 0.19   | 4.6 |                                                                        |                                                                               |  |  |
|    | 18 | 0.49   | 6.3 | 0.39   | 5.7 | 0.31   | 5.2 | 0.20   | 3.8 |                                                                        |                                                                               |  |  |
|    | 20 | 0.38   | 5.6 | 0.32   | 5.8 | 0.26   | 5.7 | 0.16   | 4.3 |                                                                        |                                                                               |  |  |
|    | 22 | 0.63   | 3.6 | 0.46   | 4.5 | 0.37   | 4.5 | 0.24   | 3.6 |                                                                        |                                                                               |  |  |
|    | 最大 | 0.97   | 5.5 | 0.70   | 6.3 | 0.57   | 5.3 | 0.35   | 4.1 |                                                                        |                                                                               |  |  |
|    | 平均 | 0.65   | 5.7 | 0.50   | 5.9 | 0.40   | 5.8 | 0.25   | 4.5 |                                                                        |                                                                               |  |  |
| 16 | 00 | 0.61   | 4.1 | 0.39   | 4.7 | 0.31   | 4.8 | 0.20   | 4.0 | NNW                                                                    | 327                                                                           |  |  |
|    | 02 | 0.45   | 5.0 | 0.35   | 4.3 | 0.28   | 4.4 | 0.18   | 4.0 | W                                                                      | 268                                                                           |  |  |
|    | 04 | 0.57   | 2.9 | 0.45   | 3.5 | 0.35   | 3.6 | 0.23   | 3.0 | NE                                                                     | 41                                                                            |  |  |
|    | 06 | 0.79   | 2.5 | 0.61   | 3.3 | 0.49   | 3.2 | 0.32   | 2.8 | N<br>W                                                                 | 354<br>261                                                                    |  |  |
|    | 08 | 1.02   | 3.1 | 0.72   | 3.4 | 0.58   | 3.3 | 0.38   | 3.0 |                                                                        |                                                                               |  |  |
|    | 10 | 0.98   | 3.3 | 0.64   | 3.7 | 0.50   | 3.7 | 0.31   | 3.2 |                                                                        |                                                                               |  |  |
|    | 12 | 0.97   | 3.6 | 0.66   | 3.6 | 0.51   | 3.7 | 0.32   | 3.2 |                                                                        |                                                                               |  |  |
|    | 14 | 0.83   | 3.9 | 0.61   | 4.0 | 0.49   | 4.0 | 0.32   | 3.6 | W                                                                      | 274                                                                           |  |  |
|    | 16 | 0.93   | 4.8 | 0.74   | 4.3 | 0.57   | 4.6 | 0.37   | 3.8 | NNE                                                                    | 27                                                                            |  |  |
|    | 18 | 0.96   | 4.4 | 0.69   | 4.7 | 0.55   | 4.6 | 0.35   | 3.8 | NW                                                                     | 323                                                                           |  |  |
|    | 20 | * 1.13 | 4.9 | * 0.93 | 4.3 | * 0.74 | 4.5 | * 0.48 | 3.9 | NNW                                                                    | 331                                                                           |  |  |
|    | 22 | 1.04   | 4.9 | 0.86   | 4.7 | 0.69   | 4.6 | 0.45   | 3.9 | NNW                                                                    | 344                                                                           |  |  |
|    | 最大 | 1.13   | 4.9 | 0.93   | 4.3 | 0.74   | 4.5 | 0.48   | 3.9 |                                                                        |                                                                               |  |  |
|    | 平均 | 0.86   | 4.0 | 0.64   | 4.0 | 0.51   | 4.1 | 0.33   | 3.5 |                                                                        |                                                                               |  |  |
| 17 | 00 | 1.25   | 4.7 | 1.05   | 5.2 | 0.84   | 5.3 | 0.54   | 4.3 | NNW<br>NNW<br>NNW<br>NNW<br>NNW<br><br>NNW<br>N<br>NNW<br>NE<br>NNW    | 331<br>331<br>340<br>340<br>348<br><br>348<br>352<br>340<br>36<br>348         |  |  |
|    | 02 | 1.53   | 5.9 | 1.16   | 5.4 | 0.93   | 5.5 | 0.58   | 4.6 |                                                                        |                                                                               |  |  |
|    | 04 | 1.50   | 6.1 | * 1.20 | 5.5 | * 0.96 | 5.5 | * 0.59 | 4.6 |                                                                        |                                                                               |  |  |
|    | 06 | 1.42   | 6.0 | 1.02   | 5.5 | 0.82   | 5.7 | 0.53   | 4.7 |                                                                        |                                                                               |  |  |
|    | 08 | 1.34   | 5.2 | 0.97   | 5.4 | 0.78   | 5.5 | 0.48   | 4.5 |                                                                        |                                                                               |  |  |
|    | 10 | 1.31   | 4.5 | 0.90   | 5.3 | 0.73   | 5.3 | 0.48   | 4.4 |                                                                        |                                                                               |  |  |
|    | 12 | 1.26   | 5.3 | 0.88   | 5.4 | 0.71   | 5.3 | 0.46   | 4.4 |                                                                        |                                                                               |  |  |
|    | 14 | 1.07   | 5.2 | 0.86   | 5.4 | 0.67   | 5.3 | 0.43   | 4.3 |                                                                        |                                                                               |  |  |
|    | 16 | 1.10   | 4.5 | 0.81   | 4.8 | 0.69   | 4.5 | 0.45   | 3.7 |                                                                        |                                                                               |  |  |
|    | 18 | * 1.65 | 3.7 | 1.11   | 4.0 | 0.86   | 4.1 | 0.54   | 3.6 |                                                                        |                                                                               |  |  |
|    | 20 | 1.32   | 4.4 | 0.90   | 4.6 | 0.72   | 4.5 | 0.46   | 3.9 |                                                                        |                                                                               |  |  |
|    | 22 | 1.07   | 3.5 | 0.79   | 4.5 | 0.66   | 4.3 | 0.44   | 3.9 |                                                                        |                                                                               |  |  |
|    | 最大 | 1.65   | 3.7 | 1.20   | 5.5 | 0.96   | 5.5 | 0.59   | 4.6 |                                                                        |                                                                               |  |  |
|    | 平均 | 1.32   | 4.9 | 0.97   | 5.1 | 0.78   | 5.1 | 0.50   | 4.2 |                                                                        |                                                                               |  |  |
| 18 | 00 | * 1.04 | 4.3 | * 0.76 | 4.6 | * 0.63 | 4.6 | * 0.41 | 4.0 | NNW                                                                    | 335                                                                           |  |  |
|    | 02 | 0.96   | 4.3 | 0.68   | 4.4 | 0.54   | 4.5 | 0.36   | 4.2 | NE                                                                     | 37                                                                            |  |  |
|    | 04 | 0.75   | 3.9 | 0.54   | 4.4 | 0.44   | 4.5 | 0.29   | 3.9 | NNW                                                                    | 340                                                                           |  |  |
|    | 06 | 0.62   | 3.9 | 0.48   | 4.4 | 0.40   | 4.6 | 0.25   | 4.0 | N                                                                      | 4                                                                             |  |  |
|    | 08 | 0.65   | 3.6 | 0.51   | 4.4 | 0.41   | 4.4 | 0.26   | 3.7 | NNW                                                                    | 343                                                                           |  |  |
|    | 10 | 0.54   | 4.2 | 0.45   | 4.4 | 0.37   | 4.4 | 0.24   | 3.9 | WSW                                                                    | 252                                                                           |  |  |
|    | 12 | 0.50   | 4.2 | 0.36   | 4.2 | 0.29   | 4.3 | 0.19   | 3.6 | NE                                                                     | 49                                                                            |  |  |
|    | 14 | 0.41   | 4.2 | 0.30   | 4.3 | 0.24   | 4.3 | 0.15   | 3.4 | W                                                                      | 279                                                                           |  |  |
|    | 16 | 0.34   | 4.8 | 0.26   | 4.9 | 0.21   | 4.7 | 0.13   | 3.7 | NW                                                                     | 323                                                                           |  |  |
|    | 18 | 0.38   | 4.4 | 0.22   | 4.5 | 0.17   | 4.4 | 0.11   | 3.5 | WSW                                                                    | 254                                                                           |  |  |
|    | 20 | 0.36   | 3.1 | 0.23   | 4.0 | 0.17   | 4.1 | 0.11   | 3.3 | WSW                                                                    | 253                                                                           |  |  |
|    | 22 | 0.21   | 4.2 | 0.17   | 4.7 | 0.14   | 4.6 | 0.09   | 3.5 | NNW                                                                    | 344                                                                           |  |  |
|    | 最大 | 1.04   | 4.3 | 0.76   | 4.6 | 0.63   | 4.6 | 0.41   | 4.0 |                                                                        |                                                                               |  |  |
|    | 平均 | 0.56   | 4.1 | 0.41   | 4.4 | 0.33   | 4.5 | 0.22   | 3.7 |                                                                        |                                                                               |  |  |
| 19 | 00 | 0.28   | 5.1 | 0.20   | 5.1 | 0.16   | 4.9 | 0.10   | 3.6 | NNE                                                                    | 12                                                                            |  |  |
|    | 02 | 0.28   | 4.9 | 0.22   | 5.0 | 0.17   | 4.9 | 0.11   | 3.9 | WNW                                                                    | 290                                                                           |  |  |
|    | 04 | 0.33   | 4.3 | 0.23   | 4.4 | 0.18   | 4.7 | 0.12   | 4.1 | NNW<br>N<br>NNE                                                        | 342<br>357<br>29                                                              |  |  |
|    | 06 | 0.34   | 4.0 | 0.24   | 4.4 | 0.19   | 4.4 | 0.12   | 3.7 |                                                                        |                                                                               |  |  |
|    | 08 | 0.29   | 4.4 | 0.22   | 4.1 | 0.18   | 4.1 | 0.11   | 3.2 |                                                                        |                                                                               |  |  |
|    | 10 | 0.37   | 1.9 | 0.25   | 3.1 | 0.20   | 3.3 | 0.13   | 2.9 |                                                                        |                                                                               |  |  |



|    |          |        |     |        |     |        |     |        |     |     |     |
|----|----------|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 12       | 0.54   | 2.6 | 0.37   | 3.0 | 0.29   | 3.1 | 0.19   | 2.7 | NE  | 55  |
|    | 14       | 0.73   | 3.0 | 0.50   | 3.1 | 0.38   | 3.1 | 0.25   | 2.8 | NNE | 16  |
|    | 16       | 0.53   | 2.5 | 0.36   | 2.9 | 0.29   | 2.9 | 0.19   | 2.7 | W   | 259 |
|    | 18       | * 0.80 | 2.6 | 0.49   | 2.9 | 0.40   | 2.9 | 0.26   | 2.7 | NE  | 39  |
|    | 20       | 0.67   | 3.4 | * 0.52 | 3.3 | * 0.42 | 3.3 | * 0.27 | 3.0 | N   | 7   |
|    | 22       | 0.66   | 3.3 | 0.46   | 3.4 | 0.35   | 3.4 | 0.22   | 3.0 | NNW | 340 |
|    | 最大<br>平均 | 0.80   | 2.6 | 0.52   | 3.3 | 0.42   | 3.3 | 0.27   | 3.0 |     |     |
|    |          | 0.49   | 3.5 | 0.34   | 3.7 | 0.27   | 3.8 | 0.17   | 3.2 |     |     |
| 20 | 00       | 0.59   | 3.6 | 0.40   | 3.0 | 0.33   | 3.2 | 0.21   | 2.9 | W   | 268 |
|    | 02       | 0.63   | 2.8 | 0.41   | 3.3 | 0.32   | 3.3 | 0.20   | 3.0 | NNE | 29  |
|    | 04       | 0.45   | 2.8 | 0.32   | 3.3 | 0.26   | 3.3 | 0.17   | 3.1 | NW  | 306 |
|    | 06       | 0.37   | 3.2 | 0.26   | 3.5 | 0.21   | 3.5 | 0.14   | 3.1 | NW  | 325 |
|    | 08       | 0.31   | 4.6 | 0.22   | 4.0 | 0.18   | 3.9 | 0.12   | 3.3 | NNE | 19  |
|    | 10       | 0.50   | 3.9 | 0.25   | 4.1 | 0.19   | 4.2 | 0.13   | 3.5 | WSW | 244 |
|    | 12       | 0.38   | 2.4 | 0.26   | 4.0 | 0.21   | 3.8 | 0.13   | 3.0 | WSW | 248 |
|    | 14       | 0.33   | 4.4 | 0.24   | 4.7 | 0.19   | 4.3 | 0.12   | 3.3 | W   | 268 |
|    | 16       | 0.53   | 3.5 | 0.33   | 3.4 | 0.27   | 3.3 | 0.18   | 2.8 | NNW | 328 |
|    | 18       | 0.52   | 4.0 | 0.36   | 4.3 | 0.29   | 4.2 | 0.19   | 3.6 | WSW | 245 |
|    | 20       | * 0.77 | 4.0 | * 0.54 | 4.1 | * 0.41 | 4.2 | * 0.26 | 3.8 | NNE | 33  |
|    | 22       | 0.57   | 4.0 | 0.43   | 3.8 | 0.34   | 4.0 | 0.23   | 3.7 | NNE | 31  |
|    | 最大<br>平均 | 0.77   | 4.0 | 0.54   | 4.1 | 0.41   | 4.2 | 0.26   | 3.8 |     |     |
|    |          | 0.50   | 3.6 | 0.34   | 3.8 | 0.27   | 3.8 | 0.17   | 3.3 |     |     |
| 21 | 00       | * 0.50 | 4.0 | * 0.37 | 3.9 | * 0.30 | 3.9 | * 0.20 | 3.3 | N   | 355 |
|    | 02       | 0.36   | 4.5 | 0.29   | 4.2 | 0.24   | 4.1 | 0.16   | 3.6 | WSW | 242 |
|    | 04       | 0.29   | 3.9 | 0.22   | 4.9 | 0.18   | 4.6 | 0.12   | 3.6 | N   | 356 |
|    | 06       | 0.33   | 4.1 | 0.25   | 4.0 | 0.21   | 4.2 | 0.14   | 3.4 | WSW | 253 |
|    | 08       | 0.30   | 6.1 | 0.22   | 4.8 | 0.17   | 4.6 | 0.11   | 3.4 | NNW | 327 |
|    | 10       | 0.27   | 4.9 | 0.20   | 5.0 | 0.15   | 4.9 | 0.10   | 3.5 | NNW | 340 |
|    | 12       | 0.33   | 4.1 | 0.24   | 5.0 | 0.19   | 4.8 | 0.12   | 3.5 | NNW | 344 |
|    | 14       | 0.29   | 4.2 | 0.23   | 4.2 | 0.19   | 4.2 | 0.13   | 3.1 | W   | 271 |
|    | 16       | 0.42   | 2.5 | 0.27   | 3.6 | 0.22   | 3.8 | 0.14   | 3.0 | NNE | 14  |
|    | 18       | 0.34   | 3.7 | 0.26   | 3.9 | 0.22   | 3.5 | 0.14   | 2.9 | NE  | 55  |
|    | 20       | 0.28   | 4.4 | 0.23   | 4.2 | 0.19   | 4.0 | 0.12   | 3.1 | NE  | 39  |
|    | 22       | 0.25   | 4.8 | 0.19   | 5.0 | 0.16   | 4.9 | 0.11   | 3.9 | NNE | 16  |
|    | 最大<br>平均 | 0.50   | 4.0 | 0.37   | 3.9 | 0.30   | 3.9 | 0.20   | 3.3 |     |     |
|    |          | 0.33   | 4.3 | 0.25   | 4.4 | 0.20   | 4.3 | 0.13   | 3.4 |     |     |
| 22 | 00       | 0.20   | 4.8 | 0.17   | 4.6 | 0.14   | 4.6 | 0.10   | 3.7 | N   | 352 |
|    | 02       | 0.23   | 4.8 | 0.18   | 4.3 | 0.15   | 4.4 | 0.10   | 3.6 | WSW | 245 |
|    | 04       | 0.22   | 4.1 | 0.17   | 4.2 | 0.14   | 4.2 | 0.09   | 3.1 | NE  | 47  |
|    | 06       | 0.26   | 6.7 | 0.18   | 4.5 | 0.15   | 4.1 | 0.10   | 3.1 | NNW | 345 |
|    | 08       | 0.23   | 5.0 | 0.20   | 4.8 | 0.16   | 4.4 | 0.10   | 3.3 | WSW | 241 |
|    | 10       | 0.29   | 3.5 | 0.22   | 4.4 | 0.18   | 4.2 | 0.12   | 3.3 | WSW | 256 |
|    | 12       | 0.29   | 4.4 | 0.21   | 4.6 | 0.18   | 4.3 | 0.11   | 3.1 | W   | 262 |
|    | 14       | 0.46   | 2.0 | 0.34   | 2.9 | 0.27   | 3.1 | 0.18   | 2.6 | WNW | 295 |
|    | 16       | 0.54   | 2.7 | 0.40   | 3.1 | 0.32   | 3.1 | 0.21   | 2.7 | NW  | 312 |
|    | 18       | 1.01   | 4.1 | 0.78   | 4.7 | 0.62   | 4.7 | 0.39   | 4.0 | WNW | 303 |
|    | 20       | * 1.06 | 4.1 | * 0.81 | 4.2 | * 0.65 | 4.3 | * 0.42 | 3.8 | WNW | 300 |
|    | 22       | 0.84   | 4.1 | 0.57   | 4.1 | 0.45   | 4.1 | 0.29   | 3.6 | WNW | 299 |
|    | 最大<br>平均 | 1.06   | 4.1 | 0.81   | 4.2 | 0.65   | 4.3 | 0.42   | 3.8 |     |     |
|    |          | 0.47   | 4.2 | 0.35   | 4.2 | 0.28   | 4.1 | 0.18   | 3.3 |     |     |
| 23 | 00       | 0.57   | 4.0 | 0.42   | 3.9 | 0.33   | 4.0 | 0.21   | 3.3 | NNW | 346 |
|    | 02       | 0.55   | 4.2 | 0.36   | 3.9 | 0.29   | 4.0 | 0.19   | 3.4 | N   | 359 |
|    | 04       | 0.44   | 3.2 | 0.33   | 4.2 | 0.27   | 4.1 | 0.17   | 3.5 | WSW | 245 |
|    | 06       | 0.43   | 2.8 | 0.34   | 4.1 | 0.28   | 4.0 | 0.18   | 3.3 | WNW | 286 |
|    | 08       | 0.57   | 3.5 | 0.40   | 3.5 | 0.32   | 3.6 | 0.21   | 3.2 | NE  | 37  |
|    | 10       | 0.57   | 3.8 | 0.40   | 4.1 | 0.32   | 4.0 | 0.21   | 3.3 | W   | 281 |
|    | 12       | 0.59   | 3.5 | 0.41   | 4.1 | * 0.33 | 4.2 | * 0.22 | 3.6 | WNW | 303 |
|    | 14       | 0.48   | 5.3 | 0.36   | 5.0 | 0.30   | 4.9 | 0.20   | 4.0 | WNW | 303 |
|    | 16       | * 0.64 | 4.4 | 0.35   | 4.9 | 0.28   | 4.8 | 0.18   | 3.8 | NNW | 331 |
|    | 18       | 0.43   | 5.6 | 0.36   | 5.3 | 0.28   | 5.2 | 0.18   | 4.2 | N   | 4   |
|    | 20       | 0.51   | 4.9 | 0.36   | 5.0 | 0.28   | 5.0 | 0.18   | 4.4 | NW  | 319 |
|    | 22       | 0.57   | 5.8 | * 0.42 | 5.2 | 0.32   | 5.2 | 0.20   | 4.3 | NNW | 327 |
|    | 最大<br>平均 | 0.64   | 4.4 | 0.42   | 5.2 | 0.33   | 4.2 | 0.22   | 3.6 |     |     |
|    |          | 0.53   | 4.3 | 0.38   | 4.4 | 0.30   | 4.4 | 0.19   | 3.7 |     |     |
| 24 | 00       | * 0.60 | 5.1 | * 0.40 | 5.1 | * 0.33 | 5.2 | * 0.21 | 4.4 | NW  | 315 |
|    | 02       | 0.55   | 4.4 | 0.38   | 5.2 | 0.31   | 5.0 | 0.20   | 4.2 | NNW | 331 |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 04 | 0.50   | 5.1 | 0.36   | 5.1 | 0.29   | 5.1 | 0.19   | 4.3 | NNW | 331 |
|    | 06 | 0.45   | 4.5 | 0.34   | 5.2 | 0.27   | 5.3 | 0.18   | 4.3 | NW  | 323 |
|    | 08 | 0.45   | 4.9 | 0.35   | 5.1 | 0.28   | 4.9 | 0.18   | 4.0 | N   | 352 |
|    | 10 | 0.43   | 4.8 | 0.30   | 5.2 | 0.24   | 5.0 | 0.15   | 4.0 | NNW | 340 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.39   | 4.8 | 0.30   | 4.8 | 0.24   | 4.7 | 0.15   | 3.7 | WNW | 299 |
|    | 14 | 0.40   | 4.9 | 0.33   | 4.8 | 0.27   | 4.7 | 0.17   | 3.9 | NNW | 340 |
|    | 16 | 0.44   | 4.4 | 0.33   | 4.9 | 0.27   | 4.8 | 0.17   | 3.8 | NW  | 319 |
|    | 18 | 0.58   | 4.8 | 0.36   | 4.7 | 0.28   | 4.8 | 0.18   | 4.1 | NNW | 331 |
|    | 20 | 0.44   | 4.6 | 0.33   | 4.9 | 0.27   | 4.9 | 0.18   | 3.9 | NW  | 315 |
|    | 22 | 0.50   | 5.5 | 0.36   | 5.6 | 0.29   | 5.1 | 0.19   | 4.0 | NNW | 344 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 0.60   | 5.1 | 0.40   | 5.1 | 0.33   | 5.2 | 0.21   | 4.4 |     |     |
|    | 平均 | 0.48   | 4.8 | 0.35   | 5.1 | 0.28   | 5.0 | 0.18   | 4.1 |     |     |
| 25 | 00 | 0.39   | 5.0 | 0.29   | 6.0 | 0.24   | 5.1 | 0.16   | 4.0 | N   | 0   |
|    | 02 | 0.42   | 4.1 | 0.34   | 4.3 | 0.26   | 4.3 | 0.17   | 3.5 |     |     |
|    | 04 | 0.36   | 7.1 | 0.31   | 5.1 | 0.25   | 4.9 | 0.16   | 3.7 | NNW | 344 |
|    | 06 | 0.43   | 3.5 | 0.33   | 4.4 | 0.27   | 4.1 | 0.18   | 3.6 | NE  | 46  |
|    | 08 | 0.54   | 3.8 | 0.31   | 4.5 | 0.26   | 4.1 | 0.17   | 3.5 | WNW | 298 |
|    | 10 | 0.52   | 3.8 | 0.31   | 4.4 | 0.25   | 4.4 | 0.17   | 3.6 | NE  | 40  |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.56   | 4.8 | 0.40   | 5.7 | 0.32   | 5.3 | 0.20   | 3.9 | N   | 356 |
|    | 14 | 0.70   | 3.8 | 0.54   | 5.9 | 0.43   | 5.6 | 0.27   | 4.2 | NNW | 331 |
|    | 16 | 0.73   | 6.4 | 0.53   | 5.7 | 0.43   | 5.8 | 0.27   | 4.3 | NNW | 335 |
|    | 18 | 0.86   | 6.5 | 0.68   | 6.3 | 0.53   | 6.3 | 0.34   | 5.3 | NNW | 348 |
|    | 20 | * 0.89 | 6.4 | * 0.75 | 6.0 | * 0.60 | 6.0 | * 0.38 | 5.0 | N   | 0   |
|    | 22 | 0.88   | 6.2 | 0.69   | 5.7 | 0.55   | 5.8 | 0.36   | 5.0 | NNW | 344 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 0.89   | 6.4 | 0.75   | 6.0 | 0.60   | 6.0 | 0.38   | 5.0 |     |     |
|    | 平均 | 0.61   | 5.1 | 0.46   | 5.3 | 0.37   | 5.1 | 0.24   | 4.1 |     |     |
| 26 | 00 | 0.64   | 6.5 | 0.48   | 5.8 | * 0.40 | 5.9 | * 0.26 | 4.7 | N   | 352 |
|    | 02 | * 0.71 | 6.4 | * 0.48 | 6.1 | 0.37   | 5.6 | 0.24   | 4.4 | NNW | 344 |
|    | 04 | 0.59   | 6.4 | 0.40   | 5.5 | 0.32   | 5.5 | 0.21   | 4.7 | NW  | 323 |
|    | 06 | 0.38   | 5.7 | 0.32   | 5.6 | 0.26   | 5.4 | 0.17   | 4.4 | NNW | 340 |
|    | 08 | 0.37   | 4.1 | 0.28   | 5.2 | 0.23   | 5.1 | 0.15   | 4.1 | NW  | 307 |
|    | 10 | 0.49   | 4.8 | 0.34   | 5.4 | 0.27   | 5.2 | 0.17   | 4.1 | WNW | 303 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.35   | 5.2 | 0.27   | 5.4 | 0.22   | 5.3 | 0.15   | 4.1 | NW  | 323 |
|    | 14 | 0.41   | 5.6 | 0.29   | 5.5 | 0.23   | 5.2 | 0.15   | 3.7 | NW  | 323 |
|    | 16 | 0.37   | 4.9 | 0.30   | 5.0 | 0.25   | 4.6 | 0.16   | 3.3 | NNW | 348 |
|    | 18 | 0.40   | 3.5 | 0.28   | 5.1 | 0.22   | 4.9 | 0.14   | 3.8 | NNW | 340 |
|    | 20 | 0.30   | 5.4 | 0.23   | 5.4 | 0.19   | 5.3 | 0.12   | 3.9 | WNW | 295 |
|    | 22 | 0.54   | 3.5 | 0.28   | 4.5 | 0.21   | 4.4 | 0.14   | 3.5 |     |     |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 0.71   | 6.4 | 0.48   | 6.1 | 0.40   | 5.9 | 0.26   | 4.7 |     |     |
|    | 平均 | 0.46   | 5.2 | 0.33   | 5.4 | 0.26   | 5.2 | 0.17   | 4.1 |     |     |
| 27 | 00 | 0.28   | 4.5 | 0.21   | 5.1 | 0.17   | 5.0 | 0.12   | 3.9 | N   | 356 |
|    | 02 | 0.27   | 5.0 | 0.20   | 5.3 | 0.17   | 5.2 | 0.11   | 3.8 |     |     |
|    | 04 | 0.27   | 4.8 | 0.18   | 4.9 | 0.15   | 4.9 | 0.10   | 3.8 | N   | 4   |
|    | 06 | 0.25   | 5.4 | 0.19   | 4.3 | 0.15   | 4.4 | 0.10   | 3.4 | NE  | 49  |
|    | 08 | 0.21   | 4.3 | 0.16   | 4.7 | 0.13   | 4.5 | 0.08   | 3.3 | N   | 352 |
|    | 10 | 0.26   | 6.2 | 0.17   | 4.7 | 0.13   | 4.2 | 0.08   | 3.0 | NNE | 31  |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.30   | 3.7 | 0.20   | 4.2 | 0.15   | 4.0 | 0.10   | 3.0 |     |     |
|    | 14 | 0.54   | 2.3 | 0.40   | 2.6 | 0.31   | 2.7 | 0.20   | 2.6 | WSW | 258 |
|    | 16 | * 0.69 | 2.7 | * 0.50 | 2.8 | * 0.39 | 2.9 | * 0.25 | 2.6 | NNE | 22  |
|    | 18 | 0.58   | 2.7 | 0.40   | 2.8 | 0.32   | 2.9 | 0.20   | 2.6 | NE  | 53  |
|    | 20 | 0.36   | 2.9 | 0.27   | 3.1 | 0.22   | 3.2 | 0.14   | 2.9 | WSW | 242 |
|    | 22 | 0.42   | 3.2 | 0.30   | 3.2 | 0.23   | 3.2 | 0.15   | 2.9 | NE  | 43  |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 0.69   | 2.7 | 0.50   | 2.8 | 0.39   | 2.9 | 0.25   | 2.6 |     |     |
|    | 平均 | 0.37   | 4.0 | 0.27   | 4.0 | 0.21   | 3.9 | 0.14   | 3.2 |     |     |
| 28 | 00 | 0.34   | 3.0 | 0.24   | 3.5 | * 0.20 | 3.3 | 0.13   | 3.0 | NE  | 44  |
|    | 02 | * 0.34 | 3.1 | * 0.25 | 2.9 | 0.20   | 3.0 | * 0.14 | 2.6 | NNE | 18  |
|    | 04 | 0.32   | 3.0 | 0.20   | 3.3 | 0.17   | 3.4 | 0.11   | 2.9 | N   | 359 |
|    | 06 | 0.20   | 4.6 | 0.16   | 3.5 | 0.13   | 3.4 | 0.09   | 2.8 | NW  | 323 |
|    | 08 | 0.21   | 3.7 | 0.16   | 3.9 | 0.13   | 3.6 | 0.08   | 2.9 | W   | 266 |
|    | 10 | 0.33   | 3.6 | 0.20   | 3.5 | 0.16   | 3.3 | 0.11   | 2.7 | NE  | 45  |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.18   | 2.9 | 0.14   | 3.6 | 0.12   | 3.5 | 0.08   | 2.6 | NNE | 17  |
|    | 14 | 0.19   | 4.1 | 0.14   | 4.0 | 0.11   | 3.8 | 0.08   | 2.9 |     |     |
|    | 16 | 0.16   | 5.8 | 0.12   | 3.6 | 0.10   | 3.5 | 0.07   | 2.8 | NNE | 12  |
|    | 18 | 0.31   | 3.4 | 0.15   | 3.9 | 0.11   | 3.7 | 0.07   | 3.0 | NNE | 23  |
|    | 20 | 0.14   | 4.4 | 0.11   | 4.5 | 0.09   | 3.8 | 0.06   | 2.9 | NNE | 26  |
|    | 22 | 0.23   | 3.5 | 0.14   | 4.7 | 0.12   | 4.2 | 0.08   | 3.0 |     |     |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 0.34   | 3.1 | 0.25   | 2.9 | 0.20   | 3.3 | 0.14   | 2.6 |     |     |

|     | 平均 | 0.25   | 3.8 | 0.17   | 3.7 | 0.14   | 3.5 | 0.09   | 2.8 |     |     |
|-----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
| 29  | 00 | 0.25   | 5.7 | 0.14   | 4.5 | 0.11   | 4.0 | 0.07   | 2.9 | NE  | 45  |
|     | 02 | 0.16   | 3.8 | 0.13   | 4.5 | 0.11   | 3.7 | 0.07   | 2.8 | NE  | 44  |
|     | 04 | 0.19   | 3.8 | 0.13   | 3.9 | 0.11   | 3.8 | 0.07   | 3.1 | W   | 271 |
|     | 06 | 0.49   | 2.2 | 0.32   | 2.3 | 0.25   | 2.3 | 0.16   | 2.2 | NE  | 35  |
|     | 08 | * 0.53 | 2.0 | * 0.36 | 2.5 | * 0.28 | 2.6 | * 0.18 | 2.5 | W   | 268 |
|     | 10 | 0.48   | 2.0 | 0.31   | 2.3 | 0.23   | 2.6 | 0.15   | 2.3 | NE  | 48  |
|     | 12 | 0.46   | 2.2 | 0.29   | 2.6 | 0.23   | 2.6 | 0.15   | 2.4 | WNW | 285 |
|     | 14 | 0.29   | 3.4 | 0.21   | 4.4 | 0.16   | 4.3 | 0.11   | 3.2 | W   | 280 |
|     | 16 | 0.30   | 4.2 | 0.21   | 4.2 | 0.17   | 4.1 | 0.11   | 3.3 | WNW | 284 |
|     | 18 | 0.25   | 2.7 | 0.20   | 4.1 | 0.16   | 3.9 | 0.11   | 3.1 | WSW | 252 |
|     | 20 | 0.29   | 2.9 | 0.22   | 3.5 | 0.18   | 3.5 | 0.12   | 2.7 | WSW | 254 |
|     | 22 | 0.21   | 6.2 | 0.17   | 5.1 | 0.14   | 4.6 | 0.10   | 3.5 | WNW | 295 |
|     | 最大 | 0.53   | 2.0 | 0.36   | 2.5 | 0.28   | 2.6 | 0.18   | 2.5 |     |     |
|     | 平均 | 0.33   | 3.4 | 0.22   | 3.7 | 0.18   | 3.5 | 0.12   | 2.8 |     |     |
| 30  | 00 | 0.32   | 4.1 | 0.20   | 4.2 | 0.16   | 4.2 | 0.10   | 3.3 | NNE | 28  |
|     | 02 | 0.22   | 3.8 | 0.18   | 4.1 | 0.15   | 3.8 | 0.10   | 3.0 | N   | 358 |
|     | 04 | 0.45   | 2.5 | 0.27   | 3.3 | 0.21   | 3.3 | 0.14   | 2.7 | N   | 7   |
|     | 06 | 0.61   | 3.1 | 0.45   | 3.0 | 0.36   | 3.1 | 0.23   | 3.0 | WNW | 284 |
|     | 08 | 1.03   | 2.8 | 0.65   | 2.9 | 0.50   | 2.9 | 0.32   | 2.8 | NE  | 37  |
|     | 10 | * 1.36 | 3.6 | * 1.11 | 4.0 | * 0.87 | 4.0 | * 0.55 | 3.5 | NNE | 20  |
|     | 12 | 0.97   | 4.4 | 0.74   | 4.0 | 0.60   | 4.0 | 0.39   | 3.6 | NNW | 327 |
|     | 14 | 0.75   | 3.4 | 0.50   | 3.5 | 0.39   | 3.6 | 0.25   | 3.1 | NE  | 56  |
|     | 16 | 0.48   | 3.0 | 0.36   | 4.9 | 0.30   | 4.3 | 0.20   | 3.3 | NNW | 348 |
|     | 18 | 0.47   | 5.9 | 0.31   | 5.6 | 0.25   | 5.3 | 0.17   | 4.2 | WNW | 303 |
|     | 20 | 0.33   | 4.4 | 0.28   | 5.2 | 0.23   | 5.6 | 0.15   | 4.3 | NW  | 311 |
|     | 22 | 0.38   | 6.5 | 0.27   | 6.3 | 0.21   | 6.3 | 0.14   | 4.7 | NNW | 327 |
|     | 最大 | 1.36   | 3.6 | 1.11   | 4.0 | 0.87   | 4.0 | 0.55   | 3.5 |     |     |
|     | 平均 | 0.61   | 4.0 | 0.44   | 4.3 | 0.35   | 4.2 | 0.23   | 3.5 |     |     |
| 31  | 00 | 0.39   | 5.5 | 0.27   | 5.7 | 0.22   | 5.5 | 0.15   | 4.2 | NNW | 331 |
|     | 02 | 0.31   | 6.1 | 0.25   | 5.2 | 0.20   | 5.0 | 0.13   | 3.8 | NNW | 327 |
|     | 04 | 0.37   | 4.5 | 0.28   | 5.3 | 0.22   | 5.1 | 0.14   | 3.8 | WNW | 303 |
|     | 06 | 0.32   | 5.8 | 0.23   | 6.1 | 0.18   | 5.8 | 0.12   | 4.0 | NNE | 12  |
|     | 08 | 0.38   | 7.7 | 0.28   | 6.2 | 0.23   | 5.9 | 0.15   | 4.5 | WNW | 295 |
|     | 10 | 0.44   | 7.5 | 0.33   | 7.2 | 0.27   | 6.7 | 0.17   | 4.8 | NW  | 315 |
|     | 12 | 0.59   | 8.3 | 0.46   | 7.6 | 0.35   | 6.7 | 0.22   | 4.7 | WNW | 303 |
|     | 14 | 0.89   | 2.5 | 0.52   | 4.7 | 0.41   | 4.6 | 0.27   | 3.5 | NW  | 315 |
|     | 16 | * 0.90 | 2.6 | * 0.68 | 3.2 | * 0.55 | 3.4 | * 0.36 | 3.1 | NNW | 340 |
|     | 18 | 0.57   | 3.6 | 0.43   | 3.7 | 0.35   | 3.8 | 0.23   | 3.2 | WSW | 247 |
|     | 20 | 0.58   | 2.6 | 0.42   | 3.4 | 0.34   | 3.6 | 0.22   | 3.1 | W   | 270 |
|     | 22 | 0.77   | 4.2 | 0.57   | 3.9 | 0.45   | 4.1 | 0.30   | 3.6 | NE  | 43  |
|     | 最大 | 0.90   | 2.6 | 0.68   | 3.2 | 0.55   | 3.4 | 0.36   | 3.1 |     |     |
|     | 平均 | 0.54   | 5.1 | 0.39   | 5.2 | 0.31   | 5.0 | 0.21   | 3.9 |     |     |
|     |    |        |     |        |     |        |     |        |     |     |     |
| 月最大 |    | 3.92   | 6.8 | 2.59   | 6.8 | 1.99   | 7.1 | 1.26   | 5.4 |     |     |
| 起時  |    | 0712   |     | 0714   |     | 0714   |     | 0708   |     |     |     |
| 平均  |    | 0.90   | 5.1 | 0.66   | 5.2 | 0.53   | 5.1 | 0.34   | 4.1 |     |     |

\* は日最大波高を示す

波浪整理表（1）

| 波高   |       | 波向   |       |
|------|-------|------|-------|
| 規定回数 | 360 回 | 規定回数 | 360 回 |
| 測得回数 | 360 回 | 測得回数 | 349 回 |
| 欠測回数 | 0 回   | 欠測回数 | 11 回  |
| 欠測率  | 0.0 % | 欠測率  | 3.1 % |

観測所名：直江津港(直轄) | 機種：波高 海象計 -32m 波向 海象計 -32m

| 日  | 時  | H max  | T max | H 1/10 | T 1/10 | H 1/3  | T 1/3 | H mean | T mean | 波向   |     |
|----|----|--------|-------|--------|--------|--------|-------|--------|--------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)    | (m)    | (s)   | (m)    | (s)    | 16方位 | 角度  |
| 01 | 00 | * 0.78 | 3.7   | * 0.61 | 3.9    | * 0.49 | 3.9   | * 0.31 | 3.6    | NW   | 318 |
|    | 02 | 0.71   | 4.1   | 0.54   | 4.2    | 0.43   | 4.2   | 0.28   | 3.9    | WSW  | 254 |
|    | 04 | 0.72   | 4.4   | 0.52   | 4.5    | 0.41   | 4.6   | 0.26   | 4.1    | NE   | 41  |
|    | 06 | 0.62   | 4.4   | 0.44   | 4.4    | 0.36   | 4.5   | 0.24   | 3.9    | NE   | 45  |
|    | 08 | 0.58   | 4.8   | 0.48   | 4.5    | 0.38   | 4.4   | 0.24   | 3.8    | NNE  | 28  |
|    | 10 | 0.63   | 3.7   | 0.44   | 4.3    | 0.35   | 4.3   | 0.22   | 3.7    | NNE  | 30  |
|    | 12 | 0.39   | 4.1   | 0.32   | 3.9    | 0.27   | 4.0   | 0.18   | 3.5    | NW   | 325 |
|    | 14 | 0.42   | 3.4   | 0.29   | 3.9    | 0.23   | 3.9   | 0.15   | 3.3    | NE   | 44  |
|    | 16 | 0.43   | 6.3   | 0.32   | 4.3    | 0.25   | 4.2   | 0.17   | 3.3    | NNW  | 328 |
|    | 18 | 0.60   | 3.1   | 0.41   | 3.9    | 0.33   | 3.8   | 0.22   | 3.3    | NW   | 324 |
|    | 20 | 0.59   | 3.9   | 0.41   | 3.9    | 0.31   | 4.0   | 0.20   | 3.4    | NNW  | 345 |
|    | 22 | 0.55   | 3.4   | 0.39   | 4.0    | 0.31   | 4.0   | 0.20   | 3.4    |      |     |
|    | 最大 | 0.78   | 3.7   | 0.61   | 3.9    | 0.49   | 3.9   | 0.31   | 3.6    |      |     |
|    | 平均 | 0.59   | 4.1   | 0.43   | 4.1    | 0.34   | 4.2   | 0.22   | 3.6    |      |     |
| 02 | 00 | * 0.58 | 4.3   | * 0.41 | 3.9    | * 0.32 | 4.0   | * 0.21 | 3.4    | WSW  | 257 |
|    | 02 | 0.50   | 4.2   | 0.38   | 3.8    | 0.31   | 3.9   | 0.20   | 3.4    | WNW  | 283 |
|    | 04 | 0.36   | 4.0   | 0.30   | 3.9    | 0.25   | 4.0   | 0.16   | 3.5    | W    | 271 |
|    | 06 | 0.31   | 3.7   | 0.26   | 3.8    | 0.21   | 3.9   | 0.13   | 3.3    | WNW  | 295 |
|    | 08 | 0.32   | 3.3   | 0.21   | 4.2    | 0.17   | 4.1   | 0.12   | 3.3    | NNE  | 22  |
|    | 10 | 0.42   | 3.8   | 0.28   | 3.8    | 0.22   | 3.9   | 0.15   | 3.3    | NE   | 48  |
|    | 12 | 0.33   | 4.4   | 0.27   | 4.3    | 0.22   | 4.3   | 0.14   | 3.6    | NNE  | 31  |
|    | 14 | 0.32   | 4.0   | 0.26   | 4.9    | 0.21   | 4.6   | 0.14   | 3.5    |      |     |
|    | 16 | 0.42   | 6.4   | 0.30   | 5.8    | 0.25   | 5.3   | 0.16   | 4.0    | NNE  | 25  |
|    | 18 | 0.34   | 6.1   | 0.29   | 5.4    | 0.24   | 5.3   | 0.15   | 4.0    | NNW  | 344 |
|    | 20 | 0.49   | 6.5   | 0.34   | 5.1    | 0.29   | 4.8   | 0.18   | 3.6    | NW   | 323 |
|    | 22 | 0.46   | 5.2   | 0.36   | 5.1    | 0.29   | 4.8   | 0.20   | 3.6    | NNW  | 331 |
|    | 最大 | 0.58   | 4.3   | 0.41   | 3.9    | 0.32   | 4.0   | 0.21   | 3.4    |      |     |
|    | 平均 | 0.40   | 4.7   | 0.31   | 4.5    | 0.25   | 4.4   | 0.16   | 3.5    |      |     |
| 03 | 00 | 0.44   | 4.4   | 0.28   | 5.0    | 0.23   | 4.7   | 0.14   | 3.7    |      |     |
|    | 02 | 0.41   | 2.9   | 0.28   | 4.0    | 0.22   | 4.1   | 0.14   | 3.6    | WSW  | 254 |
|    | 04 | 0.65   | 3.9   | 0.38   | 3.9    | 0.30   | 3.8   | 0.19   | 3.6    | WSW  | 252 |
|    | 06 | 0.38   | 4.4   | 0.30   | 4.2    | 0.24   | 4.1   | 0.16   | 3.5    | NNW  | 344 |
|    | 08 | 0.43   | 3.6   | 0.29   | 4.1    | 0.23   | 4.2   | 0.15   | 3.6    | WNW  | 298 |
|    | 10 | 0.47   | 4.1   | 0.29   | 4.2    | 0.23   | 4.2   | 0.16   | 3.7    | NE   | 47  |
|    | 12 | 0.48   | 5.3   | 0.35   | 4.2    | 0.28   | 4.2   | 0.19   | 3.4    | N    | 1   |
|    | 14 | 0.55   | 4.5   | 0.36   | 4.0    | 0.29   | 3.9   | 0.19   | 3.3    | NNE  | 20  |
|    | 16 | 0.61   | 3.8   | 0.46   | 3.9    | 0.37   | 3.7   | 0.24   | 3.2    | W    | 265 |
|    | 18 | 0.60   | 3.3   | 0.46   | 3.8    | 0.35   | 3.8   | 0.23   | 3.2    | WSW  | 249 |
|    | 20 | 0.73   | 4.0   | 0.48   | 3.8    | 0.39   | 3.9   | 0.25   | 3.3    | N    | 349 |
|    | 22 | * 0.79 | 3.8   | * 0.59 | 3.9    | * 0.46 | 4.1   | * 0.29 | 3.8    | WNW  | 296 |
|    | 最大 | 0.79   | 3.8   | 0.59   | 3.9    | 0.46   | 4.1   | 0.29   | 3.8    |      |     |
|    | 平均 | 0.55   | 4.0   | 0.38   | 4.1    | 0.30   | 4.1   | 0.19   | 3.5    |      |     |
| 04 | 00 | 0.91   | 4.1   | 0.65   | 4.0    | 0.51   | 4.0   | 0.32   | 3.7    | W    | 273 |
|    | 02 | 0.75   | 4.1   | 0.56   | 4.2    | 0.44   | 4.2   | 0.28   | 3.9    | WNW  | 299 |
|    | 04 | 0.65   | 4.0   | 0.49   | 4.1    | 0.39   | 4.1   | 0.24   | 3.7    | NE   | 42  |
|    | 06 | 0.58   | 3.8   | 0.39   | 4.0    | 0.32   | 4.0   | 0.21   | 3.7    | N    | 9   |
|    | 08 | 0.52   | 4.0   | 0.37   | 3.9    | 0.30   | 4.0   | 0.19   | 3.7    | W    | 267 |
|    | 10 | 0.58   | 3.7   | 0.41   | 3.8    | 0.31   | 3.9   | 0.20   | 3.5    | NE   | 47  |
|    | 12 | 0.59   | 3.9   | 0.45   | 3.9    | 0.34   | 3.8   | 0.22   | 3.2    | W    | 259 |
|    | 14 | 0.83   | 3.2   | 0.66   | 3.5    | 0.52   | 3.6   | 0.33   | 3.2    | NE   | 43  |
|    | 16 | 0.95   | 4.2   | 0.71   | 3.8    | 0.56   | 3.8   | 0.37   | 3.3    | W    | 280 |
|    | 18 | 0.96   | 3.8   | 0.74   | 4.1    | 0.58   | 4.1   | 0.38   | 3.6    | WNW  | 284 |
|    | 20 | 0.95   | 3.8   | 0.76   | 4.4    | 0.61   | 4.5   | 0.41   | 3.9    |      |     |
|    | 22 | * 1.05 | 4.4   | * 0.80 | 5.0    | * 0.62 | 4.9   | * 0.41 | 4.2    | N    | 8   |
|    | 最大 | 1.05   | 4.4   | 0.80   | 5.0    | 0.62   | 4.9   | 0.41   | 4.2    |      |     |

|    | 平均 | 0.78   | 3.9    | 0.58   | 4.1    | 0.46   | 4.1    | 0.30   | 3.6    |     |     |     |
|----|----|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|
| 05 | 00 | 1.11   | 4.9    | * 0.85 | 4.8    | * 0.69 | 5.0    | * 0.44 | 4.3    | NNE | 12  |     |
|    | 02 | 0.88   | 4.6    | 0.63   | 5.0    | 0.53   | 4.9    | 0.34   | 4.4    | NNE | 25  |     |
|    | 04 | 0.86   | 4.3    | 0.64   | 4.7    | 0.52   | 4.8    | 0.34   | 4.3    | NNE | 20  |     |
|    | 06 | 0.99   | 3.9    | 0.67   | 4.6    | 0.52   | 4.8    | 0.34   | 4.2    | NNW | 331 |     |
|    | 08 | 0.91   | 5.4    | 0.65   | 4.6    | 0.51   | 4.8    | 0.33   | 4.2    | NW  | 323 |     |
|    | 10 | * 1.14 | 4.9    | 0.68   | 5.2    | 0.55   | 5.1    | 0.36   | 4.5    | NNW | 340 |     |
|    | 12 | 0.83   | 5.2    | 0.56   | 5.0    | 0.45   | 4.7    | 0.29   | 4.0    | NNW | 348 |     |
|    | 14 | 0.69   | 4.2    | 0.54   | 4.9    | 0.43   | 4.9    | 0.28   | 4.0    | NNW | 340 |     |
|    | 16 | 0.54   | 5.2    | 0.44   | 4.7    | 0.35   | 4.8    | 0.22   | 3.8    | NNW | 327 |     |
|    | 18 | 0.49   | 4.3    | 0.37   | 4.9    | 0.31   | 4.7    | 0.20   | 3.9    | NW  | 323 |     |
|    | 20 | 0.53   | 3.5    | 0.39   | 4.5    | 0.32   | 4.3    | 0.21   | 3.5    | W   | 281 |     |
|    | 22 | 0.58   | 3.9    | 0.44   | 4.7    | 0.35   | 4.5    | 0.23   | 3.8    | N   | 0   |     |
|    | 最大 | 1.14   | 4.9    | 0.85   | 4.8    | 0.69   | 5.0    | 0.44   | 4.3    |     |     |     |
|    | 平均 | 0.80   | 4.5    | 0.57   | 4.8    | 0.46   | 4.8    | 0.30   | 4.1    |     |     |     |
|    | 06 | 00     | 0.55   | 4.3    | 0.40   | 4.1    | 0.34   | 4.1    | 0.23   | 3.8 | NNW | 336 |
|    |    | 02     | 0.42   | 4.6    | 0.34   | 3.9    | 0.27   | 4.0    | 0.18   | 3.6 | N   | 7   |
|    |    | 04     | 0.57   | 3.6    | 0.41   | 4.0    | 0.32   | 3.9    | 0.21   | 3.5 | NW  | 325 |
|    |    | 06     | 0.71   | 3.6    | 0.43   | 4.0    | 0.33   | 4.1    | 0.21   | 3.5 |     |     |
|    |    | 08     | 0.51   | 3.8    | 0.38   | 3.7    | 0.31   | 3.8    | 0.20   | 3.3 | NNE | 16  |
|    |    | 10     | 0.59   | 3.1    | 0.39   | 3.9    | 0.32   | 3.9    | 0.21   | 3.2 | WNW | 282 |
|    |    | 12     | 0.48   | 4.2    | 0.34   | 4.1    | 0.28   | 4.3    | 0.19   | 3.7 | NE  | 53  |
|    |    | 14     | 0.51   | 4.0    | 0.30   | 4.2    | 0.25   | 4.3    | 0.16   | 3.6 | WSW | 252 |
| 16 |    | 0.40   | 3.3    | 0.29   | 4.1    | 0.24   | 4.2    | 0.15   | 3.6    | W   | 267 |     |
| 18 |    | 0.32   | 5.3    | 0.25   | 4.2    | 0.20   | 4.0    | 0.13   | 3.1    | N   | 6   |     |
| 20 |    | 0.32   | 3.5    | 0.23   | 4.0    | 0.18   | 3.8    | 0.12   | 3.1    | N   | 9   |     |
| 22 |    | * 0.74 | 4.0    | * 0.60 | 4.0    | * 0.48 | 4.0    | * 0.31 | 3.6    | NE  | 48  |     |
| 最大 |    | 0.74   | 4.0    | 0.60   | 4.0    | 0.48   | 4.0    | 0.31   | 3.6    |     |     |     |
| 平均 |    | 0.51   | 3.9    | 0.36   | 4.0    | 0.29   | 4.0    | 0.19   | 3.5    |     |     |     |
| 07 |    | 00     | 0.74   | 3.7    | 0.57   | 3.8    | 0.45   | 3.9    | 0.30   | 3.6 | N   | 352 |
|    |    | 02     | 0.55   | 3.9    | 0.46   | 3.8    | 0.38   | 3.8    | 0.24   | 3.6 | NNE | 21  |
|    |    | 04     | 0.60   | 3.4    | 0.43   | 3.8    | 0.35   | 3.8    | 0.22   | 3.4 | W   | 268 |
|    |    | 06     | 0.70   | 4.6    | 0.57   | 4.2    | 0.45   | 4.3    | 0.28   | 3.8 | NNE | 19  |
|    |    | 08     | 0.89   | 4.3    | 0.67   | 4.2    | 0.52   | 4.2    | 0.34   | 3.9 | NE  | 56  |
|    |    | 10     | 1.13   | 4.2    | * 0.86 | 4.4    | * 0.70 | 4.5    | * 0.46 | 4.1 | NNE | 25  |
|    |    | 12     | 0.99   | 4.5    | 0.74   | 4.2    | 0.61   | 4.2    | 0.40   | 3.9 | W   | 274 |
|    |    | 14     | * 1.14 | 4.0    | 0.66   | 4.2    | 0.53   | 4.1    | 0.33   | 3.7 | NE  | 43  |
|    | 16 | 0.74   | 4.0    | 0.56   | 4.1    | 0.45   | 4.2    | 0.29   | 3.6    | NW  | 307 |     |
|    | 18 | 0.81   | 3.5    | 0.59   | 4.1    | 0.46   | 4.1    | 0.30   | 3.5    | WSW | 246 |     |
|    | 20 | 0.81   | 4.4    | 0.60   | 4.1    | 0.48   | 4.0    | 0.31   | 3.5    | NE  | 46  |     |
|    | 22 | 0.76   | 3.7    | 0.58   | 4.0    | 0.46   | 4.0    | 0.29   | 3.6    | WNW | 282 |     |
|    | 最大 | 1.14   | 4.0    | 0.86   | 4.4    | 0.70   | 4.5    | 0.46   | 4.1    |     |     |     |
|    | 平均 | 0.82   | 4.0    | 0.61   | 4.1    | 0.49   | 4.1    | 0.31   | 3.7    |     |     |     |
|    | 08 | 00     | * 0.95 | 4.3    | * 0.70 | 4.2    | * 0.56 | 4.3    | * 0.37 | 4.0 | N   | 0   |
|    |    | 02     | 0.88   | 4.2    | 0.64   | 4.0    | 0.51   | 4.1    | 0.32   | 3.8 | N   | 354 |
|    |    | 04     | 0.80   | 3.7    | 0.58   | 4.3    | 0.44   | 4.3    | 0.27   | 3.8 | WSW | 258 |
|    |    | 06     | 0.65   | 4.5    | 0.53   | 4.2    | 0.42   | 4.1    | 0.27   | 3.6 | W   | 281 |
|    |    | 08     | 0.49   | 4.4    | 0.40   | 4.1    | 0.34   | 4.0    | 0.22   | 3.5 | WNW | 283 |
|    |    | 10     | 0.49   | 4.2    | 0.39   | 4.3    | 0.31   | 4.3    | 0.20   | 3.6 | N   | 358 |
|    |    | 12     | 0.52   | 6.3    | 0.37   | 4.3    | 0.30   | 4.3    | 0.20   | 3.5 | N   | 353 |
|    |    | 14     | 0.52   | 3.9    | 0.39   | 4.1    | 0.31   | 4.0    | 0.20   | 3.3 | WSW | 250 |
| 16 |    | 0.48   | 2.9    | 0.37   | 3.7    | 0.29   | 3.7    | 0.19   | 3.2    | NNW | 330 |     |
| 18 |    | 0.57   | 3.4    | 0.45   | 4.2    | 0.35   | 4.2    | 0.22   | 3.4    | NNW | 328 |     |
| 20 |    | 0.67   | 3.7    | 0.52   | 4.0    | 0.41   | 4.0    | 0.26   | 3.4    | WNW | 297 |     |
| 22 |    | 0.89   | 3.7    | 0.50   | 3.9    | 0.38   | 3.8    | 0.24   | 3.3    | WNW | 303 |     |
| 最大 |    | 0.95   | 4.3    | 0.70   | 4.2    | 0.56   | 4.3    | 0.37   | 4.0    |     |     |     |
| 平均 |    | 0.66   | 4.1    | 0.49   | 4.1    | 0.39   | 4.1    | 0.25   | 3.5    |     |     |     |
| 09 |    | 00     | 0.51   | 3.3    | 0.36   | 4.0    | 0.29   | 4.0    | 0.19   | 3.4 | NE  | 51  |
|    |    | 02     | 0.48   | 4.1    | 0.35   | 3.8    | 0.28   | 3.8    | 0.19   | 3.3 | NNE | 17  |
|    |    | 04     | 0.56   | 4.1    | 0.43   | 3.9    | 0.32   | 3.9    | 0.21   | 3.5 | N   | 0   |
|    |    | 06     | 0.48   | 4.5    | 0.35   | 3.9    | 0.28   | 4.1    | 0.18   | 3.5 | NNW | 336 |
|    |    | 08     | 0.46   | 3.9    | 0.34   | 3.9    | 0.26   | 3.9    | 0.17   | 3.5 | N   | 354 |
|    |    | 10     | 0.49   | 3.9    | 0.34   | 4.1    | 0.27   | 4.0    | 0.17   | 3.4 | N   | 2   |
|    |    | 12     | 0.80   | 3.2    | 0.53   | 3.1    | 0.43   | 3.3    | 0.29   | 2.9 | WNW | 290 |
|    |    | 14     | 0.99   | 3.2    | 0.78   | 3.4    | 0.63   | 3.5    | 0.42   | 3.3 | NNW | 339 |
|    | 16 | 1.44   | 4.0    | * 0.93 | 4.0    | 0.71   | 4.0    | 0.46   | 3.5    | NNE | 19  |     |
|    | 18 | 1.26   | 3.7    | 0.92   | 4.1    | * 0.74 | 4.1    | * 0.49 | 3.8    | NW  | 323 |     |
|    | 20 | * 1.51 | 4.2    | 0.86   | 4.2    | 0.68   | 4.2    | 0.42   | 3.8    | NNW | 344 |     |
|    | 22 | 1.26   | 4.3    | 0.88   | 4.3    | 0.68   | 4.4    | 0.44   | 4.1    | NE  | 43  |     |

|    |          |              |            |              |            |              |            |              |            |     |     |
|----|----------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|-----|-----|
|    | 最大<br>平均 | 1.51<br>0.85 | 4.2<br>3.9 | 0.93<br>0.59 | 4.0<br>3.9 | 0.74<br>0.46 | 4.1<br>3.9 | 0.49<br>0.30 | 3.8<br>3.5 |     |     |
| 10 | 00       | * 0.95       | 4.6        | * 0.71       | 4.2        | * 0.56       | 4.2        | * 0.36       | 3.8        | W   | 278 |
|    | 02       | 0.81         | 3.9        | 0.58         | 3.9        | 0.45         | 4.0        | 0.28         | 3.6        | NE  | 37  |
|    | 04       | 0.64         | 4.2        | 0.52         | 4.3        | 0.43         | 4.2        | 0.28         | 3.9        | NW  | 304 |
|    | 06       | 0.72         | 4.2        | 0.57         | 4.3        | 0.47         | 4.4        | 0.31         | 4.1        | N   | 357 |
|    | 08       | 0.87         | 3.8        | 0.57         | 4.5        | 0.45         | 4.3        | 0.30         | 3.9        | NNE | 21  |
|    | 10       | 0.73         | 4.7        | 0.53         | 4.4        | 0.41         | 4.3        | 0.26         | 3.7        | NE  | 54  |
|    | 12       | 0.59         | 4.2        | 0.44         | 3.9        | 0.35         | 4.0        | 0.23         | 3.5        | NNE | 25  |
|    | 14       | 0.58         | 3.9        | 0.40         | 4.0        | 0.32         | 3.9        | 0.21         | 3.4        | NNE | 25  |
|    | 16       | 0.48         | 3.8        | 0.37         | 3.7        | 0.30         | 3.9        | 0.20         | 3.3        | NE  | 56  |
|    | 18       | 0.50         | 3.5        | 0.42         | 3.8        | 0.33         | 3.8        | 0.21         | 3.3        | N   | 1   |
|    | 20       | 0.61         | 3.7        | 0.47         | 3.8        | 0.38         | 3.9        | 0.24         | 3.4        | NNE | 28  |
|    | 22       | 0.79         | 3.4        | 0.58         | 3.8        | 0.45         | 4.0        | 0.29         | 3.6        | NNE | 18  |
|    | 最大<br>平均 | 0.95<br>0.69 | 4.6<br>4.0 | 0.71<br>0.51 | 4.2<br>4.1 | 0.56<br>0.41 | 4.2<br>4.1 | 0.36<br>0.26 | 3.8<br>3.6 |     |     |
| 11 | 00       | 0.68         | 3.3        | 0.48         | 3.9        | 0.37         | 3.9        | 0.24         | 3.6        | NNE | 18  |
|    | 02       | 0.56         | 4.0        | 0.39         | 4.0        | 0.32         | 4.1        | 0.21         | 3.6        | NW  | 310 |
|    | 04       | 0.53         | 3.8        | 0.37         | 4.0        | 0.29         | 4.1        | 0.19         | 3.7        | W   | 278 |
|    | 06       | 0.55         | 3.9        | 0.37         | 4.1        | 0.29         | 4.1        | 0.19         | 3.8        | W   | 270 |
|    | 08       | 0.46         | 4.1        | 0.36         | 4.0        | 0.29         | 4.1        | 0.19         | 3.8        | W   | 281 |
|    | 10       | 0.42         | 4.0        | 0.32         | 4.1        | 0.25         | 4.1        | 0.16         | 3.7        | NE  | 38  |
|    | 12       | 0.37         | 4.3        | 0.31         | 4.2        | 0.27         | 4.1        | 0.18         | 3.4        | NE  | 51  |
|    | 14       | 0.53         | 4.0        | 0.36         | 4.2        | 0.29         | 4.0        | 0.18         | 3.4        | NNW | 342 |
|    | 16       | 0.45         | 4.5        | 0.33         | 4.5        | 0.26         | 4.3        | 0.16         | 3.4        | WNW | 284 |
|    | 18       | 0.46         | 5.1        | 0.37         | 4.4        | 0.30         | 4.4        | 0.19         | 3.7        | NW  | 308 |
|    | 20       | 0.74         | 3.6        | 0.49         | 3.9        | 0.37         | 3.9        | 0.23         | 3.3        | NW  | 311 |
|    | 22       | * 0.84       | 4.2        | * 0.61       | 3.8        | * 0.48       | 3.8        | * 0.32       | 3.2        | NW  | 321 |
|    | 最大<br>平均 | 0.84<br>0.55 | 4.2<br>4.1 | 0.61<br>0.40 | 3.8<br>4.1 | 0.48<br>0.32 | 3.8<br>4.1 | 0.32<br>0.20 | 3.2<br>3.6 |     |     |
| 12 | 00       | * 0.82       | 3.7        | * 0.55       | 3.6        | * 0.42       | 3.6        | * 0.26       | 3.3        | WNW | 285 |
|    | 02       | 0.71         | 3.7        | 0.42         | 3.7        | 0.33         | 3.6        | 0.22         | 3.2        | NE  | 53  |
|    | 04       | 0.38         | 4.8        | 0.29         | 4.2        | 0.23         | 4.1        | 0.15         | 3.4        | N   | 354 |
|    | 06       | 0.38         | 4.2        | 0.24         | 4.0        | 0.19         | 4.1        | 0.12         | 3.3        | W   | 264 |
|    | 08       | 0.30         | 4.2        | 0.22         | 4.4        | 0.18         | 4.1        | 0.12         | 3.2        | NE  | 47  |
|    | 10       | 0.44         | 3.4        | 0.28         | 4.3        | 0.21         | 4.3        | 0.14         | 3.4        | WNW | 294 |
|    | 12       | 0.54         | 2.7        | 0.35         | 3.6        | 0.27         | 3.6        | 0.17         | 2.9        | W   | 279 |
|    | 14       | 0.59         | 2.9        | 0.44         | 3.5        | 0.35         | 3.4        | 0.23         | 3.0        | WNW | 283 |
|    | 16       | 0.66         | 3.3        | 0.48         | 3.3        | 0.39         | 3.5        | 0.25         | 3.1        | WNW | 301 |
|    | 18       | 0.58         | 3.2        | 0.44         | 3.8        | 0.37         | 3.9        | 0.25         | 3.5        | W   | 276 |
|    | 20       | 0.77         | 3.6        | 0.46         | 3.8        | 0.36         | 3.9        | 0.23         | 3.6        | NNE | 17  |
|    | 22       | 0.56         | 2.9        | 0.44         | 3.9        | 0.36         | 3.8        | 0.24         | 3.3        | NW  | 324 |
|    | 最大<br>平均 | 0.82<br>0.56 | 3.7<br>3.6 | 0.55<br>0.38 | 3.6<br>3.8 | 0.42<br>0.31 | 3.6<br>3.8 | 0.26<br>0.20 | 3.3<br>3.3 |     |     |
| 13 | 00       | 0.44         | 3.7        | 0.33         | 4.2        | 0.27         | 4.1        | 0.18         | 3.6        | NNW | 346 |
|    | 02       | 0.45         | 4.7        | 0.34         | 4.9        | 0.27         | 4.7        | 0.18         | 3.8        | N   | 4   |
|    | 04       | 0.51         | 3.2        | * 0.37       | 4.1        | * 0.30       | 4.3        | * 0.19       | 3.6        | NNW | 334 |
|    | 06       | 0.51         | 5.1        | 0.35         | 4.8        | 0.27         | 4.5        | 0.17         | 3.5        | N   | 0   |
|    | 08       | * 0.52       | 7.2        | 0.34         | 5.2        | 0.27         | 4.7        | 0.18         | 3.7        | NNW | 335 |
|    | 10       | 0.39         | 6.0        | 0.31         | 5.3        | 0.25         | 5.0        | 0.16         | 3.9        | N   | 8   |
|    | 12       | 0.38         | 4.8        | 0.26         | 5.0        | 0.21         | 5.0        | 0.13         | 3.8        | NE  | 53  |
|    | 14       | 0.46         | 4.7        | 0.30         | 4.3        | 0.25         | 4.3        | 0.16         | 3.3        | WSW | 255 |
|    | 16       | 0.37         | 4.9        | 0.30         | 4.6        | 0.25         | 4.2        | 0.16         | 3.1        | NNW | 337 |
|    | 18       | 0.38         | 5.0        | 0.30         | 4.4        | 0.24         | 4.3        | 0.16         | 3.4        | NE  | 46  |
|    | 20       | 0.40         | 3.1        | 0.30         | 5.0        | 0.25         | 4.8        | 0.16         | 3.8        | NW  | 323 |
|    | 22       | 0.40         | 6.8        | 0.34         | 5.0        | 0.28         | 4.5        | 0.18         | 3.5        | N   | 352 |
|    | 最大<br>平均 | 0.52<br>0.43 | 7.2<br>4.9 | 0.37<br>0.32 | 4.1<br>4.7 | 0.30<br>0.26 | 4.3<br>4.5 | 0.19<br>0.17 | 3.6<br>3.6 |     |     |
| 14 | 00       | * 0.72       | 3.6        | * 0.47       | 4.3        | * 0.37       | 4.0        | * 0.25       | 3.3        | W   | 279 |
|    | 02       | 0.57         | 4.2        | 0.41         | 4.6        | 0.34         | 4.2        | 0.22         | 3.4        | W   | 267 |
|    | 04       | 0.57         | 5.0        | 0.38         | 4.3        | 0.30         | 4.2        | 0.20         | 3.4        | N   | 7   |
|    | 06       | 0.44         | 3.7        | 0.29         | 4.3        | 0.23         | 4.3        | 0.15         | 3.3        | NNE | 27  |
|    | 08       | 0.40         | 2.2        | 0.31         | 3.9        | 0.26         | 3.9        | 0.17         | 3.0        | WSW | 252 |
|    | 10       | 0.42         | 5.1        | 0.27         | 4.4        | 0.21         | 4.3        | 0.13         | 3.1        | N   | 351 |
|    | 12       | 0.33         | 5.3        | 0.26         | 4.6        | 0.21         | 4.5        | 0.14         | 3.5        | NNE | 16  |
|    | 14       | 0.36         | 4.0        | 0.27         | 4.5        | 0.22         | 4.4        | 0.14         | 3.4        | NNE | 24  |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 16 | 0.47   | 4.5 | 0.31   | 4.6 | 0.25   | 4.2 | 0.17   | 3.2 | NNE | 18  |
|    | 18 | 0.40   | 4.3 | 0.30   | 4.3 | 0.24   | 4.2 | 0.15   | 3.3 | W   | 264 |
|    | 20 | 0.40   | 4.7 | 0.22   | 4.2 | 0.18   | 4.1 | 0.12   | 3.1 | NNW | 327 |
|    | 22 | 0.45   | 4.2 | 0.29   | 3.9 | 0.23   | 3.8 | 0.15   | 3.2 | NNW | 346 |
|    | 最大 |        |     |        |     |        |     |        |     |     |     |
|    | 平均 | 0.72   | 3.6 | 0.47   | 4.3 | 0.37   | 4.0 | 0.25   | 3.3 |     |     |
|    |    | 0.46   | 4.2 | 0.32   | 4.3 | 0.25   | 4.2 | 0.17   | 3.3 |     |     |
| 15 | 00 | 0.36   | 3.3 | 0.24   | 3.9 | 0.19   | 3.9 | 0.13   | 3.1 | NW  | 311 |
|    | 02 | 0.36   | 5.1 | 0.23   | 4.0 | 0.19   | 3.8 | 0.13   | 3.3 | WNW | 284 |
|    | 04 | 0.25   | 4.7 | 0.21   | 4.1 | 0.17   | 4.3 | 0.12   | 3.6 | WNW | 303 |
|    | 06 | 0.35   | 5.4 | 0.23   | 4.7 | 0.19   | 4.6 | * 0.13 | 3.8 | N   | 356 |
|    | 08 | 0.29   | 3.8 | 0.23   | 4.8 | 0.18   | 4.6 | 0.12   | 3.6 | NNE | 20  |
|    | 10 | * 0.40 | 3.5 | 0.25   | 4.1 | 0.20   | 4.4 | 0.13   | 3.6 | NE  | 56  |
|    | 12 | 0.35   | 4.2 | 0.25   | 4.1 | * 0.21 | 4.0 | 0.13   | 3.1 | NNW | 332 |
|    | 14 | 0.34   | 4.1 | * 0.25 | 4.3 | 0.20   | 4.5 | 0.13   | 3.7 | NW  | 323 |
|    | 16 | 0.24   | 4.3 | 0.19   | 4.4 | 0.16   | 4.2 | 0.11   | 3.5 | WNW | 297 |
|    | 18 | 0.31   | 3.9 | 0.18   | 4.1 | 0.15   | 4.1 | 0.10   | 3.5 | NNW | 333 |
|    | 20 | 0.30   | 3.9 | 0.20   | 4.2 | 0.15   | 4.1 | 0.10   | 3.6 | NNE | 29  |
|    | 22 | 0.27   | 4.1 | 0.17   | 4.4 | 0.14   | 4.4 | 0.10   | 3.8 | N   | 352 |
|    | 最大 |        |     |        |     |        |     |        |     |     |     |
|    | 平均 | 0.40   | 3.5 | 0.25   | 4.3 | 0.21   | 4.0 | 0.13   | 3.8 |     |     |
|    |    | 0.32   | 4.2 | 0.22   | 4.3 | 0.18   | 4.2 | 0.12   | 3.5 |     |     |
| 16 | 00 | 0.22   | 3.9 | 0.16   | 4.5 | 0.13   | 4.3 | 0.09   | 3.5 | WNW | 290 |
|    | 02 | 0.23   | 4.6 | 0.17   | 4.1 | 0.14   | 4.0 | 0.09   | 3.2 | NE  | 40  |
|    | 04 | 0.21   | 3.7 | 0.17   | 4.1 | 0.14   | 3.8 | 0.09   | 3.0 | W   | 267 |
|    | 06 | 0.27   | 3.4 | 0.18   | 3.5 | 0.15   | 3.5 | 0.10   | 2.8 | NNE | 19  |
|    | 08 | 0.30   | 2.9 | 0.23   | 3.0 | 0.19   | 3.2 | 0.12   | 2.9 | NNW | 347 |
|    | 10 | 0.33   | 3.8 | 0.25   | 3.2 | 0.20   | 3.1 | 0.13   | 2.9 | NNE | 28  |
|    | 12 | * 0.41 | 2.4 | 0.27   | 2.8 | 0.21   | 2.9 | 0.14   | 2.6 | WSW | 242 |
|    | 14 | 0.40   | 2.3 | 0.27   | 2.6 | 0.21   | 2.9 | 0.14   | 2.5 | NW  | 321 |
|    | 16 | 0.39   | 2.9 | * 0.27 | 3.4 | * 0.21 | 3.2 | * 0.14 | 2.7 | NE  | 48  |
|    | 18 | 0.31   | 3.3 | 0.23   | 3.1 | 0.18   | 3.2 | 0.12   | 2.7 | N   | 4   |
|    | 20 | 0.40   | 2.7 | 0.25   | 2.8 | 0.20   | 2.9 | 0.13   | 2.7 | NE  | 52  |
|    | 22 | 0.39   | 2.5 | 0.26   | 3.1 | 0.20   | 3.1 | 0.13   | 2.8 | NE  | 52  |
|    | 最大 |        |     |        |     |        |     |        |     |     |     |
|    | 平均 | 0.41   | 2.4 | 0.27   | 3.4 | 0.21   | 3.2 | 0.14   | 2.7 |     |     |
|    |    | 0.32   | 3.2 | 0.23   | 3.4 | 0.18   | 3.3 | 0.12   | 2.9 |     |     |
| 17 | 00 | 0.35   | 3.1 | 0.23   | 3.1 | 0.19   | 3.2 | 0.12   | 2.9 |     |     |
|    | 02 | * 0.42 | 3.2 | * 0.26 | 3.1 | 0.20   | 3.1 | 0.13   | 2.8 | WSW | 252 |
|    | 04 | 0.41   | 3.1 | * 0.26 | 3.1 | * 0.21 | 3.2 | * 0.14 | 2.8 | N   | 2   |
|    | 06 | 0.30   | 3.1 | 0.21   | 3.2 | 0.17   | 3.2 | 0.12   | 2.8 | NNE | 26  |
|    | 08 | 0.32   | 3.2 | 0.23   | 3.4 | 0.19   | 3.5 | 0.12   | 3.0 | NW  | 315 |
|    | 10 | 0.21   | 4.4 | 0.16   | 3.7 | 0.13   | 3.8 | 0.09   | 3.2 | NE  | 35  |
|    | 12 | 0.22   | 3.3 | 0.16   | 3.8 | 0.13   | 3.6 | 0.09   | 3.1 | NE  | 40  |
|    | 14 | 0.28   | 3.4 | 0.16   | 3.6 | 0.12   | 3.7 | 0.08   | 3.0 | WSW | 251 |
|    | 16 | 0.16   | 3.6 | 0.13   | 4.2 | 0.11   | 3.9 | 0.08   | 3.1 | NE  | 47  |
|    | 18 | 0.19   | 4.9 | 0.13   | 4.1 | 0.10   | 4.0 | 0.07   | 3.1 | W   | 272 |
|    | 20 | 0.16   | 3.6 | 0.13   | 3.9 | 0.10   | 3.8 | 0.07   | 3.2 | NE  | 35  |
|    | 22 | 0.16   | 3.2 | 0.12   | 4.6 | 0.09   | 4.2 | 0.06   | 3.2 | WSW | 242 |
|    | 最大 |        |     |        |     |        |     |        |     |     |     |
|    | 平均 | 0.42   | 3.2 | 0.26   | 3.1 | 0.21   | 3.2 | 0.14   | 2.8 |     |     |
|    |    | 0.27   | 3.5 | 0.18   | 3.7 | 0.15   | 3.6 | 0.10   | 3.0 |     |     |
| 18 | 00 | 0.19   | 3.9 | 0.12   | 4.4 | 0.10   | 4.5 | 0.07   | 3.3 |     |     |
|    | 02 | 0.16   | 5.7 | 0.12   | 4.8 | 0.10   | 4.2 | 0.07   | 3.0 | NE  | 53  |
|    | 04 | 0.17   | 3.9 | 0.13   | 3.7 | 0.11   | 3.9 | 0.07   | 3.3 | NNE | 28  |
|    | 06 | 1.31   | 3.5 | 0.95   | 3.2 | 0.76   | 3.2 | 0.49   | 3.1 | WNW | 292 |
|    | 08 | 1.77   | 3.9 | 1.37   | 3.7 | 1.05   | 3.6 | 0.64   | 3.2 |     |     |
|    | 10 | * 2.18 | 4.3 | * 1.72 | 4.2 | * 1.38 | 4.3 | * 0.90 | 4.0 | W   | 268 |
|    | 12 | 1.58   | 5.0 | 1.25   | 4.0 | 0.97   | 4.0 | 0.62   | 3.5 | NE  | 54  |
|    | 14 | 1.59   | 4.3 | 1.10   | 4.4 | 0.87   | 4.6 | 0.54   | 3.8 | NW  | 319 |
|    | 16 | 1.18   | 4.4 | 0.90   | 5.1 | 0.71   | 5.1 | 0.45   | 4.5 | NW  | 315 |
|    | 18 | 1.00   | 4.0 | 0.75   | 5.1 | 0.60   | 5.0 | 0.38   | 4.3 | NW  | 311 |
|    | 20 | 0.87   | 4.6 | 0.61   | 5.0 | 0.50   | 4.9 | 0.32   | 4.4 | NW  | 307 |
|    | 22 | 0.64   | 4.9 | 0.52   | 4.7 | 0.41   | 4.8 | 0.26   | 4.1 | WNW | 286 |
|    | 最大 |        |     |        |     |        |     |        |     |     |     |
|    | 平均 | 2.18   | 4.3 | 1.72   | 4.2 | 1.38   | 4.3 | 0.90   | 4.0 |     |     |
|    |    | 1.05   | 4.4 | 0.80   | 4.4 | 0.63   | 4.3 | 0.40   | 3.7 |     |     |
| 19 | 00 | 0.58   | 4.8 | 0.46   | 5.1 | 0.37   | 5.0 | 0.25   | 4.4 | NW  | 319 |
|    | 02 | 0.48   | 5.3 | 0.38   | 5.1 | 0.32   | 5.1 | 0.21   | 4.4 | NW  | 319 |
|    | 04 | 0.66   | 3.2 | 0.46   | 3.8 | 0.36   | 4.0 | 0.23   | 3.4 | NW  | 310 |
|    | 06 | 0.65   | 4.4 | 0.48   | 3.9 | 0.39   | 3.9 | 0.25   | 3.5 | NNE | 18  |
|    | 08 | 0.77   | 3.6 | 0.56   | 3.7 | 0.45   | 3.7 | 0.29   | 3.3 | WSW | 255 |
|    | 10 | 0.74   | 3.6 | 0.57   | 3.8 | 0.45   | 3.9 | 0.28   | 3.5 | WSW | 242 |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 12 | 0.56   | 3.8 | 0.44   | 3.8 | 0.35   | 3.7 | 0.23   | 3.4 | N   | 354 |
|    | 14 | 0.40   | 4.1 | 0.27   | 4.1 | 0.21   | 4.3 | 0.14   | 3.5 | N   | 4   |
|    | 16 | 0.31   | 4.4 | 0.20   | 4.2 | 0.16   | 4.2 | 0.10   | 3.5 | NNW | 344 |
|    | 18 | 1.76   | 4.1 | 1.32   | 3.6 | 1.03   | 3.7 | 0.64   | 3.3 | WNW | 290 |
|    | 20 | * 1.99 | 4.1 | * 1.44 | 4.3 | * 1.18 | 4.2 | * 0.75 | 3.8 | NNE | 26  |
|    | 22 | 1.08   | 3.6 | 0.76   | 3.9 | 0.60   | 3.8 | 0.38   | 3.4 | WSW | 244 |
|    | 最大 | 1.99   | 4.1 | 1.44   | 4.3 | 1.18   | 4.2 | 0.75   | 3.8 |     |     |
|    | 平均 | 0.83   | 4.1 | 0.61   | 4.1 | 0.49   | 4.1 | 0.31   | 3.6 |     |     |
| 20 | 00 | 0.42   | 3.1 | 0.31   | 3.4 | 0.25   | 3.4 | * 0.17 | 3.0 | NNE | 25  |
|    | 02 | 0.36   | 3.9 | 0.25   | 3.9 | 0.20   | 4.0 | 0.14   | 3.3 | NNE | 33  |
|    | 04 | 0.35   | 3.3 | 0.27   | 3.8 | 0.22   | 3.8 | 0.15   | 3.5 | N   | 350 |
|    | 06 | 0.45   | 3.0 | 0.31   | 3.6 | 0.24   | 3.8 | 0.16   | 3.4 | W   | 275 |
|    | 08 | 0.35   | 4.1 | 0.26   | 4.5 | 0.21   | 4.4 | 0.14   | 3.7 | W   | 276 |
|    | 10 | * 0.47 | 4.1 | * 0.32 | 4.4 | * 0.25 | 4.4 | 0.16   | 3.9 | NE  | 34  |
|    | 12 | 0.41   | 3.9 | 0.29   | 4.3 | 0.23   | 4.3 | 0.15   | 3.8 | NNE | 15  |
|    | 14 | 0.30   | 3.8 | 0.25   | 4.3 | 0.20   | 4.2 | 0.12   | 3.6 | WSW | 257 |
|    | 16 | 0.26   | 3.7 | 0.20   | 4.7 | 0.16   | 4.8 | 0.11   | 3.7 |     |     |
|    | 18 | 0.25   | 5.2 | 0.19   | 4.0 | 0.16   | 4.2 | 0.10   | 3.3 | WSW | 252 |
|    | 20 | 0.31   | 6.3 | 0.19   | 5.4 | 0.15   | 4.7 | 0.10   | 3.5 |     |     |
|    | 22 | 0.28   | 5.3 | 0.22   | 5.0 | 0.18   | 4.6 | 0.12   | 3.3 | NNE | 29  |
|    | 最大 | 0.47   | 4.1 | 0.32   | 4.4 | 0.25   | 4.4 | 0.17   | 3.0 |     |     |
|    | 平均 | 0.35   | 4.1 | 0.26   | 4.3 | 0.20   | 4.2 | 0.14   | 3.5 |     |     |
| 21 | 00 | 0.35   | 6.6 | 0.26   | 4.6 | 0.21   | 4.1 | 0.14   | 3.3 | WNW | 287 |
|    | 02 | 0.31   | 7.5 | 0.25   | 5.0 | 0.21   | 4.7 | 0.14   | 3.5 | N   | 356 |
|    | 04 | 0.43   | 3.4 | 0.28   | 4.4 | 0.22   | 4.3 | 0.15   | 3.4 | WNW | 286 |
|    | 06 | 0.36   | 4.3 | 0.30   | 5.7 | 0.24   | 5.4 | 0.16   | 4.0 | NNW | 340 |
|    | 08 | 0.34   | 3.7 | 0.29   | 4.7 | 0.24   | 4.8 | 0.16   | 3.7 | NNW | 340 |
|    | 10 | 0.42   | 4.8 | 0.36   | 5.3 | 0.30   | 4.9 | 0.21   | 3.9 | NW  | 319 |
|    | 12 | 0.52   | 4.7 | 0.33   | 4.5 | 0.26   | 4.5 | 0.17   | 3.9 | NNW | 340 |
|    | 14 | 0.34   | 3.9 | 0.28   | 5.4 | 0.23   | 5.3 | 0.16   | 4.2 | N   | 352 |
|    | 16 | 0.43   | 5.6 | 0.34   | 5.2 | 0.27   | 5.2 | 0.17   | 4.1 | NNW | 344 |
|    | 18 | 0.41   | 5.4 | 0.29   | 5.1 | 0.23   | 5.2 | 0.15   | 3.9 | N   | 8   |
|    | 20 | 0.33   | 4.9 | 0.27   | 5.2 | 0.22   | 5.0 | 0.14   | 4.0 | N   | 352 |
|    | 22 | * 0.89 | 3.1 | * 0.58 | 3.4 | * 0.45 | 3.4 | * 0.30 | 3.0 | WNW | 289 |
|    | 最大 | 0.89   | 3.1 | 0.58   | 3.4 | 0.45   | 3.4 | 0.30   | 3.0 |     |     |
|    | 平均 | 0.43   | 4.8 | 0.32   | 4.9 | 0.26   | 4.7 | 0.17   | 3.7 |     |     |
| 22 | 00 | 0.77   | 3.1 | 0.61   | 3.5 | 0.49   | 3.5 | 0.31   | 3.2 | NNE | 14  |
|    | 02 | * 1.38 | 3.9 | * 1.06 | 3.8 | * 0.85 | 3.7 | * 0.55 | 3.3 | NE  | 50  |
|    | 04 | 1.10   | 3.5 | 0.79   | 3.8 | 0.65   | 3.8 | 0.42   | 3.4 | WNW | 287 |
|    | 06 | 0.96   | 4.0 | 0.73   | 4.2 | 0.59   | 4.1 | 0.40   | 3.6 | N   | 356 |
|    | 08 | 1.10   | 4.1 | 0.73   | 4.3 | 0.61   | 4.5 | 0.41   | 3.8 | N   | 352 |
|    | 10 | 1.29   | 4.1 | 0.87   | 4.1 | 0.72   | 4.1 | 0.48   | 3.5 | NE  | 55  |
|    | 12 | 1.22   | 4.0 | 0.86   | 4.1 | 0.69   | 4.1 | 0.47   | 3.6 | N   | 349 |
|    | 14 | 0.77   | 4.9 | 0.66   | 4.8 | 0.55   | 4.7 | 0.37   | 3.9 | NNW | 335 |
|    | 16 | 0.91   | 6.3 | 0.56   | 5.5 | 0.45   | 5.4 | 0.29   | 4.1 | N   | 352 |
|    | 18 | 0.80   | 6.1 | 0.61   | 6.2 | 0.50   | 6.1 | 0.32   | 4.5 | N   | 4   |
|    | 20 | 0.73   | 3.9 | 0.59   | 5.3 | 0.47   | 5.3 | 0.30   | 4.2 | N   | 352 |
|    | 22 | 0.94   | 5.1 | 0.62   | 6.1 | 0.50   | 5.8 | 0.32   | 4.6 | NNW | 340 |
|    | 最大 | 1.38   | 3.9 | 1.06   | 3.8 | 0.85   | 3.7 | 0.55   | 3.3 |     |     |
|    | 平均 | 1.00   | 4.4 | 0.72   | 4.6 | 0.59   | 4.6 | 0.39   | 3.8 |     |     |
| 23 | 00 | * 0.77 | 5.7 | * 0.57 | 6.1 | * 0.46 | 5.9 | * 0.29 | 4.6 | N   | 352 |
|    | 02 | 0.75   | 5.6 | 0.52   | 5.9 | 0.41   | 5.7 | 0.26   | 4.6 | N   | 352 |
|    | 04 | 0.56   | 5.7 | 0.46   | 6.2 | 0.37   | 5.9 | 0.23   | 4.6 | N   | 352 |
|    | 06 | 0.51   | 5.4 | 0.42   | 5.6 | 0.35   | 5.6 | 0.23   | 4.8 | NNW | 348 |
|    | 08 | 0.48   | 5.8 | 0.40   | 5.4 | 0.33   | 5.4 | 0.21   | 4.5 | N   | 352 |
|    | 10 | 0.51   | 5.9 | 0.36   | 5.3 | 0.28   | 5.1 | 0.18   | 4.3 | N   | 352 |
|    | 12 | 0.42   | 4.8 | 0.31   | 4.9 | 0.24   | 4.8 | 0.16   | 3.9 | NNW | 348 |
|    | 14 | 0.39   | 4.1 | 0.30   | 4.7 | 0.24   | 4.6 | 0.16   | 3.5 | N   | 356 |
|    | 16 | 0.35   | 4.3 | 0.27   | 4.8 | 0.22   | 4.8 | 0.14   | 3.7 | N   | 0   |
|    | 18 | 0.30   | 4.5 | 0.23   | 4.4 | 0.19   | 4.5 | 0.12   | 3.6 | NNE | 16  |
|    | 20 | 0.43   | 5.1 | 0.27   | 5.0 | 0.21   | 5.3 | 0.14   | 4.1 | N   | 0   |
|    | 22 | 0.31   | 3.9 | 0.25   | 4.7 | 0.21   | 4.8 | 0.14   | 3.9 | NNW | 340 |
|    | 最大 | 0.77   | 5.7 | 0.57   | 6.1 | 0.46   | 5.9 | 0.29   | 4.6 |     |     |
|    | 平均 | 0.48   | 5.1 | 0.36   | 5.3 | 0.29   | 5.2 | 0.19   | 4.2 |     |     |
| 24 | 00 | 0.31   | 5.9 | 0.23   | 4.9 | 0.19   | 4.8 | 0.13   | 4.1 | NNW | 335 |
|    | 02 | 0.26   | 3.9 | 0.20   | 4.4 | 0.17   | 4.3 | 0.11   | 3.5 | NW  | 308 |



|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 04 | 0.29   | 4.5 | 0.21   | 4.0 | 0.17   | 4.1 | 0.11   | 3.4 | NNW | 333 |
|    | 06 | 0.27   | 5.3 | 0.19   | 4.7 | 0.15   | 4.7 | 0.10   | 3.6 | NW  | 319 |
|    | 08 | 0.30   | 5.1 | 0.19   | 4.7 | 0.15   | 4.6 | 0.10   | 3.8 | WNW | 286 |
|    | 10 | 0.34   | 3.3 | 0.25   | 4.6 | 0.19   | 4.6 | 0.12   | 3.4 | NNW | 327 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.94   | 2.5 | 0.53   | 3.0 | 0.42   | 3.1 | 0.27   | 2.9 | W   | 275 |
|    | 14 | * 0.97 | 3.3 | 0.70   | 3.3 | 0.54   | 3.3 | 0.34   | 3.2 | N   | 354 |
|    | 16 | 0.97   | 3.0 | * 0.70 | 3.6 | * 0.55 | 3.6 | * 0.34 | 3.3 | NW  | 307 |
|    | 18 | 0.79   | 3.8 | 0.52   | 3.8 | 0.40   | 3.8 | 0.26   | 3.3 | NNE | 30  |
|    | 20 | 0.67   | 3.8 | 0.52   | 3.9 | 0.43   | 3.9 | 0.29   | 3.6 | W   | 267 |
|    | 22 | 0.82   | 3.5 | 0.64   | 4.1 | 0.51   | 4.0 | 0.33   | 3.7 | W   | 260 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 0.97   | 3.3 | 0.70   | 3.6 | 0.55   | 3.6 | 0.34   | 3.3 |     |     |
|    | 平均 | 0.58   | 4.0 | 0.41   | 4.1 | 0.32   | 4.1 | 0.21   | 3.5 |     |     |
| 25 | 00 | * 1.04 | 3.9 | * 0.73 | 4.1 | * 0.56 | 4.2 | * 0.36 | 3.9 | N   | 6   |
|    | 02 | 0.75   | 4.4 | 0.57   | 4.0 | 0.46   | 4.2 | 0.29   | 3.8 | W   | 269 |
|    | 04 | 0.65   | 4.2 | 0.48   | 4.3 | 0.39   | 4.2 | 0.25   | 3.7 | WSW | 248 |
|    | 06 | 0.77   | 4.6 | 0.55   | 4.3 | 0.44   | 4.3 | 0.28   | 4.0 | NW  | 313 |
|    | 08 | 0.61   | 4.1 | 0.43   | 4.1 | 0.34   | 4.2 | 0.22   | 3.7 | NNW | 348 |
|    | 10 | 0.64   | 4.0 | 0.45   | 3.9 | 0.36   | 4.0 | 0.23   | 3.4 | WSW | 249 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.78   | 3.8 | 0.55   | 4.1 | 0.43   | 3.9 | 0.27   | 3.2 | NW  | 318 |
|    | 14 | 0.75   | 3.2 | 0.54   | 3.4 | 0.44   | 3.5 | 0.28   | 3.2 | N   | 6   |
|    | 16 | 0.63   | 2.7 | 0.51   | 3.6 | 0.41   | 3.5 | 0.27   | 3.2 | WNW | 289 |
|    | 18 | 0.79   | 3.9 | 0.52   | 3.6 | 0.42   | 3.7 | 0.26   | 3.3 | NNW | 329 |
|    | 20 | 1.02   | 3.5 | 0.64   | 4.0 | 0.51   | 3.9 | 0.32   | 3.6 | NNE | 33  |
|    | 22 | 0.90   | 4.1 | 0.64   | 4.1 | 0.51   | 4.1 | 0.31   | 3.7 | NNW | 343 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 1.04   | 3.9 | 0.73   | 4.1 | 0.56   | 4.2 | 0.36   | 3.9 |     |     |
|    | 平均 | 0.78   | 3.9 | 0.55   | 4.0 | 0.44   | 4.0 | 0.28   | 3.6 |     |     |
| 26 | 00 | 0.69   | 3.7 | 0.52   | 4.0 | 0.42   | 4.1 | 0.27   | 3.7 | NE  | 35  |
|    | 02 | 0.56   | 3.4 | 0.45   | 3.9 | 0.36   | 4.0 | 0.24   | 3.7 | W   | 276 |
|    | 04 | 0.75   | 4.2 | 0.53   | 3.8 | 0.41   | 3.7 | 0.26   | 3.5 | NNE | 28  |
|    | 06 | 0.67   | 3.5 | 0.41   | 3.7 | 0.33   | 3.7 | 0.22   | 3.3 | WSW | 256 |
|    | 08 | 0.59   | 3.3 | 0.38   | 3.7 | 0.31   | 3.7 | 0.20   | 3.3 | NNE | 33  |
|    | 10 | 0.46   | 3.7 | 0.37   | 3.7 | 0.31   | 3.8 | 0.20   | 3.4 | N   | 355 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.48   | 2.9 | 0.36   | 3.6 | 0.29   | 3.6 | 0.18   | 3.2 | NNW | 341 |
|    | 14 | 0.50   | 3.3 | 0.34   | 3.7 | 0.27   | 3.5 | 0.18   | 3.2 | NW  | 317 |
|    | 16 | 0.45   | 4.1 | 0.35   | 3.3 | 0.28   | 3.4 | 0.19   | 3.1 | WSW | 249 |
|    | 18 | 0.79   | 3.4 | 0.56   | 3.2 | 0.43   | 3.3 | 0.28   | 3.1 | NNW | 328 |
|    | 20 | 0.92   | 4.1 | 0.64   | 3.6 | 0.50   | 3.6 | 0.32   | 3.4 | NNE | 13  |
|    | 22 | * 1.08 | 4.0 | * 0.79 | 3.8 | * 0.63 | 3.8 | * 0.41 | 3.5 | NE  | 54  |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 1.08   | 4.0 | 0.79   | 3.8 | 0.63   | 3.8 | 0.41   | 3.5 |     |     |
|    | 平均 | 0.66   | 3.6 | 0.48   | 3.7 | 0.38   | 3.7 | 0.25   | 3.4 |     |     |
| 27 | 00 | * 1.23 | 4.2 | * 0.81 | 4.3 | * 0.66 | 4.4 | * 0.42 | 4.0 | NE  | 44  |
|    | 02 | 0.76   | 4.0 | 0.62   | 4.3 | 0.50   | 4.3 | 0.32   | 3.8 | NNE | 17  |
|    | 04 | 0.86   | 4.2 | 0.62   | 4.2 | 0.50   | 4.2 | 0.33   | 3.9 | NE  | 54  |
|    | 06 | 0.72   | 3.8 | 0.48   | 3.9 | 0.39   | 4.0 | 0.25   | 3.7 | W   | 260 |
|    | 08 | 0.50   | 2.8 | 0.40   | 3.8 | 0.32   | 3.9 | 0.22   | 3.5 | NNE | 13  |
|    | 10 | 0.69   | 4.3 | 0.44   | 4.1 | 0.35   | 4.2 | 0.23   | 3.7 | WNW | 291 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.60   | 4.3 | 0.46   | 4.2 | 0.37   | 4.3 | 0.24   | 3.8 | N   | 7   |
|    | 14 | 0.61   | 4.5 | 0.45   | 4.8 | 0.37   | 4.9 | 0.24   | 4.1 | NNW | 335 |
|    | 16 | 0.73   | 6.0 | 0.54   | 5.2 | 0.44   | 5.3 | 0.29   | 4.2 | NW  | 323 |
|    | 18 | 0.67   | 5.1 | 0.56   | 5.0 | 0.45   | 4.9 | 0.29   | 4.1 | NNW | 327 |
|    | 20 | 0.88   | 3.8 | 0.62   | 4.8 | 0.50   | 4.8 | 0.32   | 3.9 | N   | 352 |
|    | 22 | 0.88   | 4.8 | 0.64   | 5.4 | 0.53   | 5.4 | 0.35   | 4.3 | NNW | 344 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 1.23   | 4.2 | 0.81   | 4.3 | 0.66   | 4.4 | 0.42   | 4.0 |     |     |
|    | 平均 | 0.76   | 4.3 | 0.55   | 4.5 | 0.45   | 4.6 | 0.29   | 3.9 |     |     |
| 28 | 00 | 1.00   | 6.5 | 0.81   | 6.4 | 0.65   | 6.2 | 0.41   | 4.9 | NNW | 340 |
|    | 02 | 1.30   | 7.0 | 1.10   | 7.5 | 0.85   | 7.5 | 0.55   | 6.0 | NNW | 344 |
|    | 04 | 1.47   | 6.6 | 1.19   | 7.5 | 0.97   | 7.5 | 0.60   | 6.1 | N   | 352 |
|    | 06 | 1.42   | 6.8 | 1.21   | 7.3 | 0.94   | 7.6 | 0.59   | 6.3 | NNW | 344 |
|    | 08 | * 1.56 | 7.3 | * 1.22 | 7.2 | * 0.98 | 7.1 | * 0.61 | 5.7 | NNW | 340 |
|    | 10 | 1.29   | 7.2 | 0.95   | 7.3 | 0.79   | 7.2 | 0.49   | 5.8 | NNW | 348 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 1.13   | 7.4 | 0.85   | 7.0 | 0.64   | 7.0 | 0.39   | 5.2 | NNW | 348 |
|    | 14 | 0.92   | 5.9 | 0.70   | 6.7 | 0.57   | 6.4 | 0.35   | 4.5 |     |     |
|    | 16 | 0.70   | 7.2 | 0.59   | 6.6 | 0.47   | 6.2 | 0.30   | 4.7 | NW  | 323 |
|    | 18 | 0.84   | 5.8 | 0.62   | 6.3 | 0.49   | 6.2 | 0.31   | 4.5 | N   | 352 |
|    | 20 | 0.82   | 4.4 | 0.68   | 5.3 | 0.53   | 5.0 | 0.35   | 4.0 | NNW | 340 |
|    | 22 | 1.01   | 4.8 | 0.80   | 4.8 | 0.65   | 4.8 | 0.43   | 4.3 | NNE | 29  |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 1.56   | 7.3 | 1.22   | 7.2 | 0.98   | 7.1 | 0.61   | 5.7 |     |     |

|     | 平均 | 1.12   | 6.4 | 0.89   | 6.7 | 0.71   | 6.6 | 0.45   | 5.2 |     |     |
|-----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
| 29  | 00 | * 0.90 | 3.9 | * 0.69 | 4.8 | * 0.55 | 4.8 | * 0.36 | 4.1 | NNE | 33  |
|     | 02 | 0.73   | 5.1 | 0.63   | 5.2 | 0.50   | 5.2 | 0.32   | 4.2 | NNW | 348 |
|     | 04 | 0.79   | 5.6 | 0.63   | 5.2 | 0.52   | 5.2 | 0.35   | 4.5 | NNW | 344 |
|     | 06 | 0.72   | 5.0 | 0.58   | 4.9 | 0.48   | 5.0 | 0.30   | 4.3 | NNW | 335 |
|     | 08 | 0.80   | 5.5 | 0.61   | 5.4 | 0.49   | 5.1 | 0.31   | 4.1 | NNW | 344 |
|     | 10 | 0.83   | 3.8 | 0.54   | 5.1 | 0.41   | 5.1 | 0.26   | 4.1 | NNW | 340 |
|     | 12 | 0.66   | 4.4 | 0.54   | 5.6 | 0.43   | 5.4 | 0.28   | 4.4 | NNW | 331 |
|     | 14 | 0.75   | 2.6 | 0.55   | 4.8 | 0.44   | 4.6 | 0.29   | 3.7 | N   | 352 |
|     | 16 | 0.81   | 3.3 | 0.55   | 4.7 | 0.45   | 4.6 | 0.30   | 3.7 | N   | 356 |
|     | 18 | 0.65   | 6.5 | 0.53   | 4.6 | 0.42   | 4.3 | 0.28   | 3.6 | NE  | 51  |
|     | 20 | 0.72   | 4.4 | 0.51   | 4.7 | 0.41   | 4.6 | 0.27   | 3.9 | NNW | 335 |
|     | 22 | 0.71   | 4.6 | 0.54   | 4.4 | 0.44   | 4.4 | 0.28   | 3.6 | NNW | 345 |
|     | 最大 | 0.90   | 3.9 | 0.69   | 4.8 | 0.55   | 4.8 | 0.36   | 4.1 |     |     |
|     | 平均 | 0.76   | 4.6 | 0.58   | 5.0 | 0.46   | 4.9 | 0.30   | 4.0 |     |     |
| 30  | 00 | 0.60   | 3.9 | * 0.43 | 4.6 | * 0.34 | 4.6 | * 0.22 | 3.8 | NNW | 340 |
|     | 02 | * 0.63 | 3.8 | 0.43   | 4.1 | 0.34   | 4.1 | 0.21   | 3.7 | NW  | 315 |
|     | 04 | 0.52   | 3.6 | 0.38   | 4.1 | 0.31   | 4.3 | 0.20   | 3.7 | NW  | 307 |
|     | 06 | 0.43   | 5.1 | 0.32   | 4.6 | 0.26   | 4.4 | 0.17   | 3.5 | WNW | 303 |
|     | 08 | 0.52   | 4.9 | 0.38   | 5.0 | 0.31   | 4.8 | 0.19   | 3.8 | NNW | 340 |
|     | 10 | 0.58   | 5.5 | 0.39   | 5.6 | 0.31   | 5.5 | 0.20   | 4.2 | NNW | 335 |
|     | 12 | 0.45   | 5.7 | 0.35   | 5.3 | 0.29   | 5.3 | 0.18   | 4.3 | NNW | 335 |
|     | 14 | 0.40   | 4.9 | 0.34   | 5.1 | 0.28   | 5.2 | 0.18   | 4.2 | NNW | 335 |
|     | 16 | 0.47   | 5.0 | 0.31   | 4.9 | 0.24   | 4.8 | 0.15   | 3.8 | NNW | 340 |
|     | 18 | 0.50   | 4.3 | 0.29   | 4.8 | 0.22   | 4.8 | 0.14   | 3.9 | N   | 4   |
|     | 20 | 0.33   | 3.8 | 0.24   | 4.9 | 0.19   | 4.7 | 0.13   | 3.7 | NNW | 335 |
|     | 22 | 0.30   | 5.0 | 0.24   | 5.1 | 0.19   | 4.8 | 0.13   | 4.0 | NNW | 335 |
|     | 最大 | 0.63   | 3.8 | 0.43   | 4.6 | 0.34   | 4.6 | 0.22   | 3.8 |     |     |
|     | 平均 | 0.48   | 4.6 | 0.34   | 4.8 | 0.27   | 4.8 | 0.18   | 3.9 |     |     |
|     |    |        |     |        |     |        |     |        |     |     |     |
| 月最大 |    | 2.18   | 4.3 | 1.72   | 4.2 | 1.38   | 4.3 | 0.90   | 4.0 |     |     |
| 起時  |    | 1810   |     | 1810   |     | 1810   |     | 1810   |     |     |     |
| 平均  |    | 0.63   | 4.2 | 0.46   | 4.3 | 0.37   | 4.3 | 0.24   | 3.6 |     |     |

\* は日最大波高を示す

波浪整理表（1）

| 波高   |       | 波向   |       |
|------|-------|------|-------|
| 規定回数 | 372 回 | 規定回数 | 372 回 |
| 測得回数 | 372 回 | 測得回数 | 348 回 |
| 欠測回数 | 0 回   | 欠測回数 | 24 回  |
| 欠測率  | 0.0 % | 欠測率  | 6.5 % |

観測所名：直江津港(直轄) | 機種：波高 海象計 -32m 波向 海象計 -32m

| 日  | 時  | H max<br>(m) | T max<br>(s) | H 1/10<br>(m) | T 1/10<br>(s) | H 1/3<br>(m) | T 1/3<br>(s) | H mean<br>(m) | T mean<br>(s) | 波向   |     |
|----|----|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|------|-----|
|    |    |              |              |               |               |              |              |               |               | 16方位 | 角度  |
| 01 | 00 | 0.36         | 4.7          | * 0.25        | 4.7           | 0.19         | 4.8          | 0.12          | 4.0           | NE   | 41  |
|    | 02 | 0.30         | 4.3          | 0.19          | 4.6           | 0.15         | 4.5          | 0.10          | 3.8           | WNW  | 295 |
|    | 04 | 0.26         | 3.6          | 0.20          | 4.6           | 0.16         | 4.5          | 0.11          | 3.9           | N    | 356 |
|    | 06 | 0.24         | 4.6          | 0.20          | 4.5           | 0.16         | 4.3          | 0.10          | 3.6           | WSW  | 249 |
|    | 08 | 0.27         | 5.2          | 0.18          | 4.5           | 0.14         | 4.4          | 0.09          | 3.8           | NE   | 35  |
|    | 10 | 0.22         | 3.4          | 0.17          | 4.3           | 0.13         | 4.1          | 0.08          | 3.3           | W    | 265 |
|    | 12 | 0.28         | 2.6          | 0.21          | 4.8           | 0.16         | 4.6          | 0.10          | 3.5           |      |     |
|    | 14 | 0.24         | 4.6          | 0.19          | 3.9           | 0.15         | 3.6          | 0.10          | 2.8           | WSW  | 245 |
|    | 16 | 0.22         | 5.4          | 0.16          | 3.8           | 0.13         | 3.4          | 0.09          | 2.6           | NE   | 43  |
|    | 18 | * 0.39       | 2.6          | 0.25          | 2.8           | * 0.20       | 2.8          | * 0.13        | 2.6           | WNW  | 285 |
|    | 20 | 0.31         | 3.0          | 0.22          | 3.1           | 0.18         | 3.1          | 0.12          | 2.9           | NNW  | 334 |
|    | 22 | 0.28         | 3.0          | 0.21          | 3.2           | 0.17         | 3.4          | 0.11          | 2.9           | WSW  | 247 |
|    | 最大 | 0.39         | 2.6          | 0.25          | 4.7           | 0.20         | 2.8          | 0.13          | 2.6           |      |     |
|    | 平均 | 0.28         | 3.9          | 0.20          | 4.1           | 0.16         | 4.0          | 0.10          | 3.3           |      |     |
| 02 | 00 | 0.38         | 2.8          | 0.29          | 3.5           | * 0.23       | 3.5          | * 0.15        | 3.2           | NNE  | 32  |
|    | 02 | 0.35         | 3.3          | 0.27          | 3.4           | 0.21         | 3.4          | 0.14          | 3.2           | WSW  | 243 |
|    | 04 | 0.28         | 3.5          | 0.23          | 3.4           | 0.18         | 3.4          | 0.12          | 3.1           | NE   | 37  |
|    | 06 | 0.30         | 3.4          | 0.21          | 3.4           | 0.17         | 3.5          | 0.11          | 3.2           | NW   | 322 |
|    | 08 | 0.33         | 3.5          | 0.22          | 3.8           | 0.17         | 3.7          | 0.11          | 3.3           | WNW  | 297 |
|    | 10 | 0.37         | 3.2          | 0.25          | 3.4           | 0.20         | 3.4          | 0.13          | 3.3           | NNE  | 25  |
|    | 12 | 0.37         | 2.7          | 0.25          | 3.2           | 0.21         | 3.2          | 0.14          | 2.8           | W    | 264 |
|    | 14 | * 0.40       | 2.3          | * 0.30        | 2.6           | 0.23         | 2.7          | 0.15          | 2.5           | NNE  | 23  |
|    | 16 | 0.33         | 2.1          | 0.25          | 2.9           | 0.20         | 3.0          | 0.13          | 2.6           | WNW  | 290 |
|    | 18 | 0.35         | 2.2          | 0.22          | 2.7           | 0.17         | 2.9          | 0.11          | 2.6           | NNE  | 33  |
|    | 20 | 0.27         | 2.9          | 0.21          | 3.0           | 0.17         | 3.0          | 0.11          | 2.8           | N    | 7   |
|    | 22 | 0.29         | 3.8          | 0.21          | 3.4           | 0.17         | 3.5          | 0.11          | 3.0           | W    | 265 |
|    | 最大 | 0.40         | 2.3          | 0.30          | 2.6           | 0.23         | 3.5          | 0.15          | 3.2           |      |     |
|    | 平均 | 0.34         | 3.0          | 0.24          | 3.2           | 0.19         | 3.3          | 0.13          | 3.0           |      |     |
| 03 | 00 | 0.38         | 3.4          | 0.29          | 3.6           | 0.23         | 3.7          | 0.15          | 3.3           | NNW  | 333 |
|    | 02 | 0.39         | 3.5          | 0.27          | 3.7           | 0.21         | 3.8          | 0.14          | 3.3           | NE   | 47  |
|    | 04 | 0.45         | 1.8          | 0.32          | 2.7           | 0.25         | 2.8          | 0.16          | 2.5           |      |     |
|    | 06 | 0.30         | 5.0          | 0.24          | 3.7           | 0.19         | 3.5          | 0.12          | 2.8           | W    | 268 |
|    | 08 | 0.42         | 4.1          | 0.32          | 4.0           | 0.26         | 3.8          | 0.17          | 3.1           | NNW  | 345 |
|    | 10 | 0.76         | 3.9          | 0.52          | 3.5           | 0.41         | 3.4          | 0.26          | 3.0           | NNE  | 23  |
|    | 12 | 0.43         | 4.4          | 0.36          | 4.2           | 0.29         | 4.4          | 0.19          | 3.6           | WSW  | 247 |
|    | 14 | 0.48         | 3.4          | 0.38          | 4.5           | 0.30         | 4.6          | 0.20          | 3.5           | WNW  | 295 |
|    | 16 | 0.50         | 5.3          | 0.37          | 6.0           | 0.30         | 5.8          | 0.19          | 4.5           | NNW  | 344 |
|    | 18 | 0.62         | 4.5          | 0.48          | 6.4           | 0.41         | 6.0          | 0.26          | 4.7           | NW   | 307 |
|    | 20 | 0.59         | 7.9          | 0.48          | 7.6           | 0.39         | 7.0          | 0.25          | 5.2           | NNW  | 327 |
|    | 22 | * 1.40       | 3.5          | * 0.86        | 3.8           | * 0.68       | 3.7          | * 0.44        | 3.3           | NNE  | 30  |
|    | 最大 | 1.40         | 3.5          | 0.86          | 3.8           | 0.68         | 3.7          | 0.44          | 3.3           |      |     |
|    | 平均 | 0.56         | 4.2          | 0.41          | 4.5           | 0.33         | 4.4          | 0.21          | 3.6           |      |     |
| 04 | 00 | 0.65         | 5.6          | * 0.49        | 5.9           | 0.39         | 5.7          | 0.25          | 4.6           | NW   | 315 |
|    | 02 | 0.63         | 5.4          | 0.47          | 6.8           | * 0.39       | 6.1          | * 0.25        | 4.7           | NW   | 307 |
|    | 04 | 0.58         | 7.1          | 0.46          | 6.6           | 0.37         | 6.1          | 0.23          | 4.5           | NW   | 323 |
|    | 06 | 0.45         | 6.8          | 0.37          | 6.3           | 0.30         | 6.0          | 0.20          | 4.5           | NW   | 315 |
|    | 08 | * 0.68       | 4.7          | 0.47          | 5.5           | 0.35         | 5.8          | 0.22          | 4.5           | NNW  | 340 |
|    | 10 | 0.55         | 6.4          | 0.41          | 6.6           | 0.33         | 6.3          | 0.21          | 4.8           | NW   | 315 |
|    | 12 | 0.49         | 6.0          | 0.38          | 6.8           | 0.32         | 6.6          | 0.21          | 5.2           | NW   | 319 |
|    | 14 | 0.64         | 3.2          | 0.41          | 6.6           | 0.34         | 6.6          | 0.23          | 5.2           | NW   | 323 |
|    | 16 | 0.57         | 5.9          | 0.45          | 6.1           | 0.36         | 6.0          | 0.23          | 4.9           | NW   | 319 |
|    | 18 | 0.60         | 7.6          | 0.47          | 6.3           | 0.37         | 6.0          | 0.23          | 4.5           | NW   | 319 |
|    | 20 | 0.56         | 6.7          | 0.46          | 6.0           | 0.38         | 5.8          | 0.24          | 4.5           | NW   | 311 |
|    | 22 | 0.53         | 6.5          | 0.40          | 6.7           | 0.32         | 6.7          | 0.20          | 5.0           | NW   | 307 |
|    | 最大 | 0.68         | 4.7          | 0.49          | 5.9           | 0.39         | 6.1          | 0.25          | 4.7           |      |     |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 平均 | 0.58   | 6.0 | 0.44   | 6.4 | 0.35   | 6.1 | 0.23   | 4.7 |     |     |
| 05 | 00 | 0.43   | 7.8 | 0.34   | 6.7 | 0.28   | 6.7 | 0.18   | 5.2 | WNW | 290 |
|    | 02 | 0.44   | 7.4 | 0.36   | 6.4 | 0.28   | 6.3 | 0.18   | 5.3 | NNW | 344 |
|    | 04 | 0.61   | 6.0 | 0.37   | 6.2 | 0.30   | 6.4 | 0.19   | 5.2 | WNW | 303 |
|    | 06 | 0.50   | 5.0 | 0.31   | 5.9 | 0.25   | 6.2 | 0.16   | 5.1 | NNW | 327 |
|    | 08 | 0.47   | 6.2 | 0.36   | 5.9 | 0.28   | 6.1 | 0.18   | 5.0 | NW  | 323 |
|    | 10 | 0.53   | 6.1 | 0.37   | 6.3 | 0.30   | 6.2 | 0.19   | 5.4 | WNW | 303 |
|    | 12 | 0.45   | 5.2 | 0.32   | 5.9 | 0.26   | 5.9 | 0.16   | 4.9 | WNW | 303 |
|    | 14 | 0.39   | 5.8 | 0.31   | 5.6 | 0.26   | 5.7 | 0.16   | 4.7 | NW  | 311 |
|    | 16 | * 1.38 | 4.2 | * 0.92 | 4.0 | * 0.74 | 4.0 | * 0.48 | 3.7 | N   | 1   |
|    | 18 | 1.12   | 4.4 | 0.80   | 4.0 | 0.62   | 4.0 | 0.39   | 3.5 | NE  | 53  |
|    | 20 | 1.09   | 3.6 | 0.76   | 4.1 | 0.62   | 4.0 | 0.39   | 3.6 | NW  | 318 |
|    | 22 | 0.99   | 4.1 | 0.78   | 4.0 | 0.62   | 4.0 | 0.39   | 3.3 | WSW | 241 |
|    | 最大 | 1.38   | 4.2 | 0.92   | 4.0 | 0.74   | 4.0 | 0.48   | 3.7 |     |     |
|    | 平均 | 0.70   | 5.5 | 0.50   | 5.4 | 0.40   | 5.5 | 0.25   | 4.6 |     |     |
| 06 | 00 | 1.08   | 3.4 | 0.79   | 4.0 | 0.62   | 4.0 | 0.40   | 3.4 | W   | 275 |
|    | 02 | 1.02   | 5.0 | 0.77   | 4.4 | 0.60   | 4.4 | 0.38   | 3.9 | NW  | 320 |
|    | 04 | 0.90   | 4.0 | 0.65   | 5.0 | 0.52   | 5.1 | 0.34   | 4.3 | NW  | 319 |
|    | 06 | 1.27   | 5.8 | 0.91   | 5.5 | 0.71   | 5.6 | 0.47   | 5.1 | NW  | 319 |
|    | 08 | 1.11   | 4.9 | 0.84   | 4.7 | 0.68   | 4.7 | 0.45   | 4.2 | WNW | 303 |
|    | 10 | 1.23   | 4.0 | 0.93   | 4.3 | 0.74   | 4.3 | 0.48   | 3.6 | WSW | 254 |
|    | 12 | 1.79   | 4.2 | 1.18   | 4.6 | 0.94   | 4.5 | 0.59   | 3.8 | NW  | 307 |
|    | 14 | * 2.03 | 4.5 | * 1.33 | 4.9 | * 1.04 | 5.0 | * 0.65 | 4.3 | NW  | 307 |
|    | 16 | 1.18   | 5.2 | 0.86   | 5.2 | 0.70   | 5.0 | 0.45   | 4.3 | WNW | 303 |
|    | 18 | 1.02   | 4.7 | 0.67   | 5.3 | 0.54   | 5.0 | 0.35   | 4.2 | WNW | 299 |
|    | 20 | 1.01   | 4.0 | 0.67   | 4.3 | 0.53   | 4.2 | 0.35   | 3.5 | NE  | 40  |
|    | 22 | 0.70   | 3.5 | 0.56   | 4.3 | 0.47   | 4.5 | 0.30   | 3.9 | NNW | 331 |
|    | 最大 | 2.03   | 4.5 | 1.33   | 4.9 | 1.04   | 5.0 | 0.65   | 4.3 |     |     |
|    | 平均 | 1.20   | 4.4 | 0.85   | 4.7 | 0.67   | 4.7 | 0.43   | 4.0 |     |     |
| 07 | 00 | 0.69   | 4.1 | 0.47   | 4.3 | 0.39   | 4.3 | 0.25   | 3.8 | W   | 274 |
|    | 02 | 0.52   | 4.8 | 0.40   | 4.2 | 0.33   | 4.6 | 0.22   | 3.8 | NW  | 319 |
|    | 04 | 0.60   | 5.9 | 0.43   | 5.1 | 0.34   | 4.9 | 0.22   | 4.0 |     |     |
|    | 06 | * 0.72 | 4.7 | * 0.49 | 5.0 | * 0.40 | 5.0 | * 0.26 | 4.1 | NNW | 331 |
|    | 08 | 0.58   | 5.8 | 0.45   | 5.0 | 0.37   | 5.1 | 0.25   | 4.4 | NW  | 323 |
|    | 10 | 0.51   | 4.9 | 0.43   | 5.9 | 0.35   | 5.6 | 0.23   | 4.9 | NNW | 340 |
|    | 12 | 0.52   | 6.3 | 0.41   | 5.4 | 0.33   | 5.1 | 0.21   | 4.5 | NW  | 307 |
|    | 14 | 0.44   | 5.4 | 0.38   | 4.9 | 0.30   | 5.1 | 0.19   | 4.3 | NNW | 335 |
|    | 16 | 0.52   | 4.9 | 0.41   | 4.9 | 0.34   | 5.1 | 0.22   | 4.5 | N   | 0   |
|    | 18 | 0.51   | 4.7 | 0.35   | 4.9 | 0.29   | 4.9 | 0.19   | 4.2 |     |     |
|    | 20 | 0.42   | 4.0 | 0.30   | 5.3 | 0.24   | 5.1 | 0.16   | 4.2 | NW  | 323 |
|    | 22 | 0.33   | 5.6 | 0.24   | 5.7 | 0.19   | 5.5 | 0.13   | 4.4 | NNW | 340 |
|    | 最大 | 0.72   | 4.7 | 0.49   | 5.0 | 0.40   | 5.0 | 0.26   | 4.1 |     |     |
|    | 平均 | 0.53   | 5.1 | 0.40   | 5.1 | 0.32   | 5.0 | 0.21   | 4.3 |     |     |
| 08 | 00 | 0.29   | 6.7 | 0.22   | 6.1 | 0.18   | 5.9 | 0.12   | 4.3 | NW  | 315 |
|    | 02 | 0.29   | 8.2 | 0.22   | 6.3 | 0.18   | 5.9 | 0.12   | 4.5 |     |     |
|    | 04 | 0.33   | 6.2 | 0.26   | 5.6 | 0.20   | 5.6 | 0.13   | 4.1 | NW  | 319 |
|    | 06 | 0.31   | 4.8 | 0.24   | 5.4 | 0.20   | 5.5 | 0.13   | 4.3 | NW  | 315 |
|    | 08 | 0.34   | 5.2 | 0.25   | 5.1 | 0.20   | 5.0 | 0.13   | 3.9 |     |     |
|    | 10 | 0.37   | 5.1 | 0.27   | 4.6 | 0.21   | 4.4 | 0.14   | 3.5 | W   | 272 |
|    | 12 | 0.32   | 5.0 | 0.23   | 4.7 | 0.19   | 4.8 | 0.12   | 3.7 | NW  | 311 |
|    | 14 | 0.27   | 4.1 | 0.21   | 4.8 | 0.17   | 4.6 | 0.12   | 3.9 | NNW | 344 |
|    | 16 | 0.37   | 4.5 | 0.29   | 4.2 | 0.24   | 4.4 | 0.15   | 3.6 | W   | 268 |
|    | 18 | 0.67   | 3.3 | 0.50   | 3.8 | 0.40   | 3.8 | 0.26   | 3.3 | NE  | 42  |
|    | 20 | * 0.89 | 3.7 | * 0.67 | 3.7 | * 0.54 | 3.8 | * 0.34 | 3.6 | W   | 274 |
|    | 22 | 0.86   | 4.1 | 0.62   | 3.8 | 0.49   | 3.8 | 0.32   | 3.6 | WNW | 284 |
|    | 最大 | 0.89   | 3.7 | 0.67   | 3.7 | 0.54   | 3.8 | 0.34   | 3.6 |     |     |
|    | 平均 | 0.44   | 5.1 | 0.33   | 4.8 | 0.27   | 4.8 | 0.17   | 3.9 |     |     |
| 09 | 00 | 0.63   | 4.0 | 0.48   | 4.6 | 0.39   | 4.4 | 0.27   | 3.8 | NW  | 324 |
|    | 02 | 0.64   | 5.4 | 0.48   | 5.4 | 0.39   | 5.1 | 0.25   | 4.3 | NW  | 315 |
|    | 04 | 0.52   | 4.1 | 0.38   | 5.3 | 0.32   | 5.2 | 0.21   | 4.3 | WNW | 303 |
|    | 06 | 0.50   | 5.6 | 0.41   | 5.8 | 0.34   | 5.8 | 0.22   | 4.9 | WNW | 286 |
|    | 08 | 0.54   | 4.5 | 0.38   | 5.5 | 0.31   | 5.4 | 0.20   | 4.6 | WSW | 258 |
|    | 10 | 0.51   | 4.6 | 0.40   | 5.2 | 0.32   | 5.0 | 0.21   | 4.5 | NNW | 327 |
|    | 12 | 0.54   | 5.1 | 0.40   | 4.9 | 0.32   | 4.8 | 0.21   | 4.1 | NNW | 327 |
|    | 14 | 0.56   | 4.6 | 0.42   | 4.9 | 0.33   | 4.9 | 0.21   | 4.2 | NW  | 323 |
|    | 16 | 0.49   | 6.5 | 0.39   | 5.4 | 0.32   | 5.4 | 0.21   | 4.3 | WNW | 299 |
|    | 18 | 0.70   | 5.3 | 0.49   | 5.6 | 0.38   | 5.6 | 0.25   | 4.5 | WNW | 299 |
|    | 20 | 0.74   | 3.9 | 0.58   | 5.0 | 0.47   | 4.9 | 0.31   | 4.2 | NW  | 315 |
|    | 22 | * 1.12 | 4.9 | * 0.69 | 5.2 | * 0.55 | 4.7 | * 0.36 | 4.2 | NW  | 311 |

|    |    |        |      |        |        |        |        |     |        |     |     |     |
|----|----|--------|------|--------|--------|--------|--------|-----|--------|-----|-----|-----|
|    |    | 最大     | 1.12 | 4.9    | 0.69   | 5.2    | 0.55   | 4.7 | 0.36   | 4.2 |     |     |
|    |    | 平均     | 0.62 | 4.9    | 0.46   | 5.2    | 0.37   | 5.1 | 0.24   | 4.3 |     |     |
| 10 | 00 |        | 1.10 | 4.6    | 0.75   | 4.7    | 0.61   | 4.9 | 0.40   | 4.2 | WNW | 299 |
|    | 02 |        | 1.09 | 4.5    | 0.80   | 4.6    | 0.61   | 4.6 | 0.39   | 4.1 | NW  | 307 |
|    | 04 |        | 0.84 | 4.2    | 0.62   | 4.9    | 0.49   | 4.8 | 0.32   | 4.3 | WNW | 295 |
|    | 06 |        | 0.83 | 5.1    | 0.62   | 5.0    | 0.50   | 4.9 | 0.33   | 4.2 | NNW | 331 |
|    | 08 |        | 1.01 | 4.2    | 0.69   | 4.9    | 0.55   | 4.8 | 0.35   | 4.0 | NNW | 327 |
|    | 10 |        | 1.06 | 3.9    | 0.75   | 4.1    | 0.61   | 4.2 | 0.39   | 3.4 | NNE | 12  |
|    | 12 |        | 1.35 | 4.2    | 1.04   | 3.9    | * 0.84 | 3.9 | * 0.54 | 3.5 | NNW | 344 |
|    | 14 | * 1.57 | 4.2  | 0.95   | 3.8    | 0.75   | 0.75   | 3.9 | 0.49   | 3.5 | W   | 280 |
|    | 16 | 1.38   | 4.8  | * 1.04 | 4.2    | 0.83   | 0.83   | 4.2 | 0.51   | 3.7 | WSW | 246 |
|    | 18 | 1.23   | 4.6  | 0.94   | 4.5    | 0.75   | 0.75   | 4.6 | 0.47   | 3.9 | WNW | 299 |
|    | 20 | 1.41   | 4.5  | 0.92   | 4.6    | 0.72   | 0.72   | 4.6 | 0.46   | 4.1 | NW  | 311 |
|    | 22 | 1.00   | 5.7  | 0.76   | 5.0    | 0.62   | 0.62   | 4.9 | 0.40   | 4.2 | NW  | 311 |
|    | 最大 |        | 1.57 | 4.2    | 1.04   | 4.2    | 0.84   | 3.9 | 0.54   | 3.5 |     |     |
|    | 平均 |        | 1.16 | 4.5    | 0.82   | 4.5    | 0.66   | 4.5 | 0.42   | 3.9 |     |     |
| 11 | 00 |        | 0.82 | 4.2    | 0.61   | 4.8    | 0.48   | 4.7 | 0.31   | 4.2 | NW  | 323 |
|    | 02 |        | 0.73 | 4.3    | 0.54   | 4.5    | 0.43   | 4.4 | 0.28   | 4.0 | WSW | 254 |
|    | 04 |        | 0.61 | 4.1    | 0.43   | 4.3    | 0.34   | 4.3 | 0.22   | 3.9 | W   | 263 |
|    | 06 |        | 0.57 | 3.9    | 0.43   | 4.1    | 0.34   | 4.3 | 0.22   | 3.8 | NNW | 337 |
|    | 08 |        | 0.48 | 5.3    | 0.39   | 4.2    | 0.32   | 4.0 | 0.21   | 3.4 | WSW | 248 |
|    | 10 |        | 0.73 | 3.4    | 0.60   | 3.7    | 0.49   | 3.9 | 0.31   | 3.5 | W   | 264 |
|    | 12 |        | 0.66 | 4.1    | 0.51   | 3.8    | 0.42   | 3.8 | 0.27   | 3.3 | NW  | 312 |
|    | 14 |        | 1.06 | 3.6    | 0.84   | 3.7    | 0.69   | 3.7 | 0.47   | 3.4 | WSW | 242 |
|    | 16 |        | 1.43 | 3.8    | 1.02   | 4.1    | 0.79   | 4.3 | 0.52   | 3.7 | WSW | 246 |
|    | 18 | * 1.56 | 4.2  | * 1.14 | 4.7    | * 0.91 | * 0.91 | 4.7 | * 0.59 | 4.1 | WNW | 286 |
|    | 20 | 1.28   | 4.6  | 1.04   | 4.8    | 0.82   | 0.82   | 4.8 | 0.51   | 4.1 | WNW | 299 |
|    | 22 | 0.84   | 4.5  | 0.62   | 4.6    | 0.52   | 0.52   | 4.8 | 0.34   | 4.2 | WNW | 299 |
|    | 最大 |        | 1.56 | 4.2    | 1.14   | 4.7    | 0.91   | 4.7 | 0.59   | 4.1 |     |     |
|    | 平均 |        | 0.90 | 4.2    | 0.68   | 4.3    | 0.55   | 4.3 | 0.35   | 3.8 |     |     |
| 12 | 00 |        | 0.71 | 4.5    | 0.57   | 4.5    | 0.46   | 4.6 | 0.31   | 4.1 | WNW | 299 |
|    | 02 |        | 0.58 | 4.2    | 0.46   | 4.3    | 0.38   | 4.4 | 0.25   | 4.0 | N   | 354 |
|    | 04 |        | 0.58 | 4.4    | 0.39   | 4.3    | 0.32   | 4.2 | 0.21   | 3.8 | N   | 2   |
|    | 06 |        | 0.73 | 4.1    | 0.51   | 3.9    | 0.41   | 3.9 | 0.26   | 3.7 | WSW | 258 |
|    | 08 |        | 1.05 | 3.4    | 0.71   | 3.7    | 0.55   | 3.8 | 0.36   | 3.4 | N   | 11  |
|    | 10 |        | 0.63 | 3.4    | 0.45   | 3.8    | 0.37   | 3.9 | 0.24   | 3.4 | NE  | 42  |
|    | 12 |        | 0.67 | 4.5    | 0.46   | 4.0    | 0.37   | 4.2 | 0.24   | 3.7 | NNE | 21  |
|    | 14 |        | 1.11 | 3.1    | 0.66   | 3.6    | 0.53   | 3.5 | 0.34   | 3.2 | W   | 271 |
|    | 16 |        | 1.20 | 3.6    | 0.91   | 3.8    | 0.73   | 3.8 | 0.46   | 3.4 | N   | 0   |
|    | 18 | * 2.01 | 9.3  | * 1.61 | 4.9    | * 1.31 | * 1.31 | 4.5 | * 0.83 | 3.9 | WNW | 303 |
|    | 20 | 1.75   | 4.2  | 1.32   | 4.3    | 1.04   | 1.04   | 4.3 | 0.67   | 3.8 | NW  | 322 |
|    | 22 | 1.84   | 4.7  | 1.40   | 4.7    | 1.08   | 1.08   | 4.7 | 0.69   | 4.0 | WNW | 303 |
|    | 最大 |        | 2.01 | 9.3    | 1.61   | 4.9    | 1.31   | 4.5 | 0.83   | 3.9 |     |     |
|    | 平均 |        | 1.07 | 4.5    | 0.79   | 4.2    | 0.63   | 4.2 | 0.41   | 3.7 |     |     |
| 13 | 00 |        | 1.49 | 5.4    | * 1.12 | 4.9    | * 0.92 | 5.0 | * 0.60 | 4.0 | WNW | 303 |
|    | 02 |        | 1.10 | 5.4    | 0.87   | 4.4    | 0.69   | 4.4 | 0.45   | 3.8 | N   | 355 |
|    | 04 |        | 1.21 | 3.9    | 0.78   | 4.2    | 0.63   | 4.3 | 0.40   | 3.7 | W   | 270 |
|    | 06 |        | 1.06 | 4.1    | 0.78   | 4.6    | 0.63   | 4.6 | 0.41   | 4.0 | NW  | 307 |
|    | 08 |        | 1.04 | 4.3    | 0.69   | 4.2    | 0.56   | 4.2 | 0.37   | 3.7 | NE  | 40  |
|    | 10 |        | 0.77 | 3.6    | 0.63   | 4.4    | 0.50   | 4.5 | 0.33   | 3.8 | WNW | 282 |
|    | 12 |        | 1.10 | 3.1    | 0.89   | 4.2    | 0.70   | 4.4 | 0.46   | 4.0 | W   | 279 |
|    | 14 |        | 1.37 | 5.3    | 1.12   | 4.5    | 0.90   | 4.3 | 0.59   | 3.8 | W   | 263 |
|    | 16 | * 1.50 | 4.4  | 1.08   | 4.3    | 0.85   | 0.85   | 4.4 | 0.54   | 3.8 |     |     |
|    | 18 | 1.26   | 5.3  | 1.06   | 4.1    | 0.84   | 0.84   | 4.0 | 0.55   | 3.6 | W   | 268 |
|    | 20 | 1.31   | 4.0  | 1.02   | 4.2    | 0.84   | 0.84   | 4.4 | 0.54   | 3.8 | NNW | 339 |
|    | 22 | 1.38   | 4.5  | 1.09   | 4.2    | 0.85   | 0.85   | 4.3 | 0.55   | 3.9 | N   | 0   |
|    | 最大 |        | 1.50 | 4.4    | 1.12   | 4.9    | 0.92   | 5.0 | 0.60   | 4.0 |     |     |
|    | 平均 |        | 1.22 | 4.4    | 0.93   | 4.4    | 0.74   | 4.4 | 0.48   | 3.8 |     |     |
| 14 | 00 | * 1.77 | 4.0  | * 1.15 | 4.4    | * 0.93 | * 0.93 | 4.3 | * 0.60 | 3.8 | WNW | 302 |
|    | 02 | 1.60   | 4.5  | 1.08   | 4.3    | 0.87   | 0.87   | 4.2 | 0.56   | 3.8 | WSW | 250 |
|    | 04 | 1.28   | 3.7  | 0.94   | 4.0    | 0.76   | 0.76   | 4.1 | 0.50   | 3.6 | W   | 277 |
|    | 06 | 1.10   | 3.9  | 0.83   | 3.9    | 0.65   | 0.65   | 3.9 | 0.42   | 3.4 | NNE | 28  |
|    | 08 | 0.81   | 3.4  | 0.61   | 3.8    | 0.49   | 0.49   | 3.8 | 0.32   | 3.3 | N   | 11  |
|    | 10 | 1.09   | 3.6  | 0.81   | 3.6    | 0.65   | 0.65   | 3.6 | 0.43   | 3.3 | NE  | 55  |
|    | 12 | 1.40   | 3.7  | 0.90   | 3.8    | 0.71   | 0.71   | 3.8 | 0.46   | 3.5 | WSW | 250 |
|    | 14 | 0.79   | 3.6  | 0.62   | 3.7    | 0.51   | 0.51   | 3.8 | 0.33   | 3.5 | NE  | 46  |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 16 | 0.66   | 3.1 | 0.46   | 3.7 | 0.36   | 3.8 | 0.24   | 3.4 | NE  | 53  |
|    | 18 | 0.82   | 2.6 | 0.52   | 3.2 | 0.42   | 3.2 | 0.28   | 3.0 | N   | 5   |
|    | 20 | 0.88   | 3.7 | 0.57   | 3.7 | 0.43   | 3.7 | 0.26   | 3.3 | WSW | 257 |
|    | 22 | 0.70   | 4.2 | 0.49   | 3.9 | 0.40   | 4.0 | 0.26   | 3.6 | NE  | 49  |
|    | 最大 | 1.77   | 4.0 | 1.15   | 4.4 | 0.93   | 4.3 | 0.60   | 3.8 |     |     |
|    | 平均 | 1.08   | 3.7 | 0.75   | 3.8 | 0.60   | 3.9 | 0.39   | 3.5 |     |     |
| 15 | 00 | 1.54   | 3.9 | 1.02   | 3.9 | 0.80   | 4.0 | 0.51   | 3.6 | NNE | 24  |
|    | 02 | * 2.69 | 4.0 | 1.60   | 4.1 | 1.24   | 4.0 | 0.80   | 3.6 | W   | 276 |
|    | 04 | 2.68   | 3.7 | * 2.02 | 4.7 | * 1.61 | 4.6 | * 1.05 | 4.1 | W   | 262 |
|    | 06 | 2.59   | 4.2 | 2.01   | 4.8 | 1.55   | 4.8 | 0.96   | 4.1 | W   | 266 |
|    | 08 | 2.07   | 4.3 | 1.61   | 4.5 | 1.23   | 4.6 | 0.77   | 3.9 | NW  | 315 |
|    | 10 | 1.58   | 3.8 | 1.11   | 4.5 | 0.85   | 4.4 | 0.52   | 3.6 | WSW | 255 |
|    | 12 | 1.22   | 4.4 | 0.88   | 4.1 | 0.70   | 4.2 | 0.45   | 3.7 | NE  | 38  |
|    | 14 | 0.91   | 3.8 | 0.67   | 4.1 | 0.56   | 4.2 | 0.36   | 3.7 | WNW | 290 |
|    | 16 | 0.81   | 4.2 | 0.55   | 4.4 | 0.41   | 4.3 | 0.26   | 3.8 | N   | 3   |
|    | 18 | 0.72   | 4.6 | 0.51   | 4.7 | 0.41   | 4.6 | 0.26   | 4.1 | NW  | 323 |
|    | 20 | 0.63   | 4.5 | 0.52   | 4.5 | 0.42   | 4.6 | 0.27   | 4.2 | N   | 356 |
|    | 22 | 0.67   | 4.1 | 0.45   | 4.5 | 0.37   | 4.5 | 0.24   | 4.1 | WNW | 295 |
|    | 最大 | 2.69   | 4.0 | 2.02   | 4.7 | 1.61   | 4.6 | 1.05   | 4.1 |     |     |
|    | 平均 | 1.51   | 4.1 | 1.08   | 4.4 | 0.85   | 4.4 | 0.54   | 3.9 |     |     |
| 16 | 00 | * 0.56 | 3.8 | * 0.41 | 4.1 | * 0.34 | 4.1 | * 0.22 | 3.7 | WSW | 252 |
|    | 02 | 0.47   | 4.1 | 0.34   | 4.1 | 0.29   | 4.1 | 0.19   | 3.8 | WSW | 246 |
|    | 04 | 0.46   | 4.3 | 0.34   | 4.0 | 0.27   | 4.1 | 0.17   | 3.6 | NNW | 348 |
|    | 06 | 0.43   | 4.4 | 0.32   | 4.2 | 0.26   | 4.1 | 0.17   | 3.6 | NNE | 19  |
|    | 08 | 0.37   | 3.6 | 0.28   | 3.9 | 0.22   | 3.9 | 0.15   | 3.3 | NE  | 41  |
|    | 10 | 0.35   | 4.6 | 0.23   | 3.9 | 0.18   | 4.2 | 0.12   | 3.4 | NE  | 49  |
|    | 12 | 0.32   | 4.0 | 0.20   | 4.1 | 0.16   | 4.3 | 0.11   | 3.5 | N   | 2   |
|    | 14 | 0.29   | 4.6 | 0.21   | 4.4 | 0.18   | 4.4 | 0.12   | 3.8 | WSW | 253 |
|    | 16 | 0.23   | 4.4 | 0.17   | 4.6 | 0.13   | 4.7 | 0.09   | 3.7 |     |     |
|    | 18 | 0.23   | 4.8 | 0.17   | 5.3 | 0.14   | 4.9 | 0.09   | 3.8 |     |     |
|    | 20 | 0.22   | 6.6 | 0.17   | 5.1 | 0.14   | 4.7 | 0.09   | 3.7 | WNW | 282 |
|    | 22 | 0.28   | 4.1 | 0.19   | 4.8 | 0.15   | 4.7 | 0.10   | 3.6 | NW  | 307 |
|    | 最大 | 0.56   | 3.8 | 0.41   | 4.1 | 0.34   | 4.1 | 0.22   | 3.7 |     |     |
|    | 平均 | 0.35   | 4.4 | 0.25   | 4.4 | 0.21   | 4.4 | 0.14   | 3.6 |     |     |
| 17 | 00 | 0.22   | 4.2 | 0.17   | 5.3 | 0.14   | 5.1 | 0.09   | 3.7 | NNE | 16  |
|    | 02 | 0.24   | 4.2 | 0.17   | 4.5 | 0.13   | 4.8 | 0.09   | 3.5 |     |     |
|    | 04 | 0.20   | 4.5 | 0.16   | 4.8 | 0.14   | 4.7 | 0.09   | 3.3 | NNE | 25  |
|    | 06 | 0.27   | 4.4 | 0.19   | 4.2 | 0.15   | 4.2 | 0.10   | 3.5 | NNW | 348 |
|    | 08 | 0.20   | 5.4 | 0.16   | 4.6 | 0.13   | 4.5 | 0.08   | 3.2 |     |     |
|    | 10 | 0.23   | 5.2 | 0.18   | 4.6 | 0.14   | 4.4 | 0.10   | 3.4 | WSW | 246 |
|    | 12 | 0.34   | 3.2 | 0.17   | 4.5 | 0.13   | 4.8 | 0.09   | 3.5 | W   | 278 |
|    | 14 | 0.30   | 2.8 | 0.17   | 4.4 | 0.14   | 4.4 | 0.09   | 3.3 | WSW | 245 |
|    | 16 | 0.23   | 6.2 | 0.16   | 4.5 | 0.13   | 4.1 | 0.08   | 3.1 | NE  | 51  |
|    | 18 | 0.25   | 5.5 | 0.19   | 4.1 | 0.15   | 3.7 | 0.10   | 3.0 | NE  | 43  |
|    | 20 | 0.27   | 3.4 | 0.20   | 4.4 | 0.16   | 4.0 | 0.11   | 3.3 | N   | 358 |
|    | 22 | * 0.62 | 2.7 | * 0.46 | 2.6 | * 0.37 | 2.7 | * 0.24 | 2.5 | NNE | 29  |
|    | 最大 | 0.62   | 2.7 | 0.46   | 2.6 | 0.37   | 2.7 | 0.24   | 2.5 |     |     |
|    | 平均 | 0.28   | 4.3 | 0.20   | 4.4 | 0.16   | 4.3 | 0.11   | 3.3 |     |     |
| 18 | 00 | 0.74   | 2.8 | 0.52   | 3.5 | 0.42   | 3.5 | 0.27   | 3.2 | W   | 264 |
|    | 02 | 1.52   | 3.9 | 1.02   | 4.2 | 0.83   | 4.3 | 0.53   | 3.9 | NW  | 319 |
|    | 04 | 1.74   | 4.2 | 1.24   | 4.2 | 1.02   | 4.2 | 0.65   | 3.6 | NE  | 37  |
|    | 06 | 1.91   | 4.2 | 1.30   | 4.3 | 0.97   | 4.3 | 0.63   | 3.8 | NW  | 313 |
|    | 08 | 1.91   | 4.5 | 1.45   | 3.9 | 1.16   | 4.0 | 0.76   | 3.6 | NNE | 25  |
|    | 10 | * 2.17 | 3.9 | * 1.66 | 4.1 | * 1.30 | 4.3 | * 0.84 | 3.9 | W   | 259 |
|    | 12 | 2.12   | 3.8 | 1.37   | 4.1 | 1.08   | 4.2 | 0.70   | 3.7 | W   | 265 |
|    | 14 | 1.96   | 4.7 | 1.52   | 4.4 | 1.21   | 4.4 | 0.78   | 3.8 | WNW | 299 |
|    | 16 | 1.77   | 3.7 | 1.46   | 4.4 | 1.21   | 4.4 | 0.79   | 3.9 | WNW | 297 |
|    | 18 | 1.33   | 4.1 | 1.03   | 4.1 | 0.84   | 4.2 | 0.54   | 3.7 | NE  | 53  |
|    | 20 | 0.97   | 4.4 | 0.82   | 4.9 | 0.67   | 4.7 | 0.45   | 4.1 | NNW | 348 |
|    | 22 | 1.37   | 5.7 | 1.03   | 5.6 | 0.82   | 5.5 | 0.52   | 4.2 | N   | 352 |
|    | 最大 | 2.17   | 3.9 | 1.66   | 4.1 | 1.30   | 4.3 | 0.84   | 3.9 |     |     |
|    | 平均 | 1.63   | 4.2 | 1.20   | 4.3 | 0.96   | 4.3 | 0.62   | 3.8 |     |     |
| 19 | 00 | 1.74   | 6.8 | 1.29   | 6.3 | 1.05   | 6.3 | 0.66   | 5.0 | NNW | 348 |
|    | 02 | 1.72   | 8.2 | * 1.42 | 6.7 | * 1.13 | 6.4 | * 0.69 | 5.0 | N   | 356 |
|    | 04 | 1.54   | 6.6 | 1.17   | 6.1 | 0.94   | 5.6 | 0.59   | 4.4 | N   | 352 |
|    | 06 | 1.68   | 7.0 | 1.26   | 5.5 | 1.03   | 5.4 | 0.66   | 4.5 | NNW | 344 |
|    | 08 | 1.29   | 5.3 | 1.02   | 5.4 | 0.80   | 5.2 | 0.52   | 4.2 | NW  | 323 |
|    | 10 | 1.47   | 4.6 | 1.03   | 5.5 | 0.83   | 5.3 | 0.54   | 4.4 | NNW | 331 |

|    |          |        |     |        |     |        |     |        |     |     |     |
|----|----------|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 12       | 1.05   | 6.2 | 0.86   | 6.0 | 0.72   | 5.7 | 0.46   | 4.6 | NNW | 340 |
|    | 14       | * 1.83 | 6.4 | 1.09   | 7.0 | 0.86   | 6.6 | 0.54   | 5.3 | NNW | 344 |
|    | 16       | 1.15   | 7.4 | 0.96   | 6.4 | 0.76   | 6.3 | 0.46   | 4.9 | NNW | 340 |
|    | 18       | 1.01   | 6.2 | 0.75   | 5.9 | 0.60   | 6.0 | 0.39   | 4.8 | NNW | 340 |
|    | 20       | 1.12   | 5.1 | 0.87   | 6.0 | 0.69   | 6.0 | 0.45   | 5.1 | N   | 352 |
|    | 22       | 0.95   | 4.3 | 0.73   | 6.0 | 0.59   | 5.8 | 0.38   | 4.8 | NNW | 335 |
|    | 最大<br>平均 | 1.83   | 6.4 | 1.42   | 6.7 | 1.13   | 6.4 | 0.69   | 5.0 |     |     |
|    |          | 1.38   | 6.2 | 1.04   | 6.1 | 0.83   | 5.9 | 0.53   | 4.8 |     |     |
| 20 | 00       | * 0.97 | 6.0 | * 0.77 | 6.0 | * 0.61 | 5.9 | * 0.38 | 5.1 | NNW | 331 |
|    | 02       | 0.77   | 6.8 | 0.62   | 6.2 | 0.51   | 6.0 | 0.34   | 5.3 | NNW | 335 |
|    | 04       | 0.75   | 5.8 | 0.59   | 6.0 | 0.46   | 5.9 | 0.30   | 5.2 | NNW | 348 |
|    | 06       | 0.90   | 6.2 | 0.61   | 6.2 | 0.48   | 6.0 | 0.30   | 5.2 | NW  | 319 |
|    | 08       | 0.82   | 6.0 | 0.53   | 6.0 | 0.42   | 5.9 | 0.26   | 5.1 | NNW | 348 |
|    | 10       | 0.60   | 5.7 | 0.43   | 5.6 | 0.33   | 5.5 | 0.21   | 4.7 | NNE | 33  |
|    | 12       | 0.58   | 5.2 | 0.39   | 5.3 | 0.31   | 5.6 | 0.20   | 4.3 | NNE | 16  |
|    | 14       | 0.56   | 6.1 | 0.40   | 6.0 | 0.31   | 5.7 | 0.19   | 4.3 | NNW | 348 |
|    | 16       | 0.53   | 5.8 | 0.45   | 6.0 | 0.37   | 5.9 | 0.24   | 4.9 | NNW | 348 |
|    | 18       | 0.73   | 5.8 | 0.56   | 6.0 | 0.44   | 6.0 | 0.29   | 5.2 | NNW | 327 |
|    | 20       | 0.58   | 5.4 | 0.46   | 5.6 | 0.37   | 5.9 | 0.23   | 4.6 | NW  | 323 |
|    | 22       | 0.60   | 5.2 | 0.40   | 5.1 | 0.33   | 5.2 | 0.21   | 4.4 | NNW | 340 |
|    | 最大<br>平均 | 0.97   | 6.0 | 0.77   | 6.0 | 0.61   | 5.9 | 0.38   | 5.1 |     |     |
|    |          | 0.70   | 5.8 | 0.52   | 5.8 | 0.41   | 5.8 | 0.26   | 4.9 |     |     |
| 21 | 00       | 0.53   | 6.1 | 0.36   | 5.1 | 0.29   | 5.1 | 0.19   | 4.5 | NNW | 340 |
|    | 02       | 0.54   | 4.3 | 0.37   | 4.6 | 0.30   | 4.5 | * 0.20 | 4.0 | NNE | 29  |
|    | 04       | * 0.57 | 3.5 | * 0.38 | 4.1 | * 0.31 | 4.3 | 0.20   | 3.8 | WSW | 249 |
|    | 06       | 0.44   | 4.1 | 0.36   | 4.3 | 0.29   | 4.2 | 0.18   | 3.7 |     |     |
|    | 08       | 0.44   | 4.5 | 0.31   | 4.3 | 0.25   | 4.3 | 0.17   | 3.8 | NE  | 41  |
|    | 10       | 0.52   | 3.4 | 0.35   | 4.0 | 0.28   | 4.0 | 0.18   | 3.6 | NE  | 43  |
|    | 12       | 0.47   | 3.7 | 0.33   | 4.3 | 0.26   | 4.2 | 0.16   | 3.6 | W   | 264 |
|    | 14       | 0.35   | 5.9 | 0.25   | 4.8 | 0.21   | 4.5 | 0.13   | 3.7 | NNE | 29  |
|    | 16       | 0.27   | 4.7 | 0.22   | 4.5 | 0.18   | 4.5 | 0.12   | 3.6 |     |     |
|    | 18       | 0.28   | 5.0 | 0.21   | 4.5 | 0.17   | 4.4 | 0.11   | 3.4 | W   | 271 |
|    | 20       | 0.27   | 4.6 | 0.19   | 4.8 | 0.16   | 4.6 | 0.10   | 3.6 | WNW | 295 |
|    | 22       | 0.28   | 4.2 | 0.18   | 4.8 | 0.15   | 4.8 | 0.10   | 3.7 | W   | 278 |
|    | 最大<br>平均 | 0.57   | 3.5 | 0.38   | 4.1 | 0.31   | 4.3 | 0.20   | 4.0 |     |     |
|    |          | 0.41   | 4.5 | 0.29   | 4.5 | 0.24   | 4.5 | 0.15   | 3.8 |     |     |
| 22 | 00       | 0.24   | 5.0 | 0.17   | 4.9 | 0.14   | 4.8 | 0.09   | 3.6 |     |     |
|    | 02       | 0.22   | 4.7 | 0.16   | 5.0 | 0.13   | 4.8 | 0.08   | 3.7 | WNW | 299 |
|    | 04       | 0.35   | 3.9 | 0.18   | 4.5 | 0.13   | 4.4 | 0.08   | 3.4 | N   | 9   |
|    | 06       | 0.21   | 4.5 | 0.14   | 5.0 | 0.11   | 4.4 | 0.07   | 3.3 | NE  | 35  |
|    | 08       | 0.21   | 5.1 | 0.15   | 4.7 | 0.12   | 4.4 | 0.08   | 3.6 | N   | 353 |
|    | 10       | 0.30   | 3.0 | 0.21   | 3.5 | 0.16   | 3.6 | 0.10   | 3.1 | N   | 355 |
|    | 12       | 0.22   | 6.9 | 0.16   | 6.7 | 0.13   | 6.0 | 0.09   | 4.2 |     |     |
|    | 14       | 0.26   | 4.9 | 0.19   | 4.5 | 0.16   | 4.2 | 0.11   | 3.2 |     |     |
|    | 16       | 1.17   | 2.8 | 0.81   | 3.2 | 0.63   | 3.2 | 0.40   | 2.9 | WSW | 242 |
|    | 18       | 1.63   | 4.1 | 1.17   | 4.0 | 0.95   | 4.1 | 0.60   | 3.5 | N   | 8   |
|    | 20       | 1.99   | 3.9 | 1.44   | 4.2 | 1.13   | 4.3 | 0.72   | 3.8 | W   | 274 |
|    | 22       | * 2.21 | 4.2 | * 1.80 | 4.6 | * 1.42 | 4.5 | * 0.90 | 4.0 | W   | 262 |
|    | 最大<br>平均 | 2.21   | 4.2 | 1.80   | 4.6 | 1.42   | 4.5 | 0.90   | 4.0 |     |     |
|    |          | 0.75   | 4.4 | 0.55   | 4.6 | 0.43   | 4.4 | 0.28   | 3.5 |     |     |
| 23 | 00       | * 2.22 | 4.0 | * 1.63 | 4.4 | * 1.28 | 4.5 | * 0.82 | 3.9 | WSW | 258 |
|    | 02       | 1.53   | 4.0 | 1.31   | 4.2 | 1.11   | 4.4 | 0.72   | 3.8 | W   | 277 |
|    | 04       | 1.60   | 3.7 | 1.23   | 4.0 | 0.99   | 4.1 | 0.65   | 3.6 | NNE | 21  |
|    | 06       | 1.44   | 4.0 | 0.96   | 4.0 | 0.76   | 4.0 | 0.48   | 3.5 | NE  | 45  |
|    | 08       | 1.20   | 3.3 | 0.93   | 3.8 | 0.74   | 3.9 | 0.48   | 3.4 | WSW | 251 |
|    | 10       | 1.29   | 3.3 | 0.80   | 3.8 | 0.62   | 3.7 | 0.39   | 3.3 | W   | 280 |
|    | 12       | 0.92   | 3.7 | 0.69   | 3.8 | 0.55   | 3.7 | 0.36   | 3.4 | NE  | 51  |
|    | 14       | 0.81   | 3.4 | 0.62   | 3.8 | 0.50   | 3.8 | 0.32   | 3.3 | W   | 281 |
|    | 16       | 0.99   | 3.9 | 0.64   | 3.9 | 0.51   | 3.9 | 0.32   | 3.5 | NNE | 23  |
|    | 18       | 0.82   | 3.9 | 0.61   | 3.8 | 0.50   | 3.8 | 0.32   | 3.4 | NE  | 50  |
|    | 20       | 0.60   | 3.5 | 0.44   | 3.7 | 0.35   | 3.9 | 0.23   | 3.5 | WSW | 240 |
|    | 22       | 0.63   | 4.3 | 0.40   | 3.9 | 0.32   | 4.0 | 0.21   | 3.6 | NNE | 20  |
|    | 最大<br>平均 | 2.22   | 4.0 | 1.63   | 4.4 | 1.28   | 4.5 | 0.82   | 3.9 |     |     |
|    |          | 1.17   | 3.8 | 0.86   | 3.9 | 0.69   | 4.0 | 0.44   | 3.5 |     |     |
| 24 | 00       | 0.52   | 3.9 | 0.37   | 4.4 | 0.31   | 4.2 | 0.20   | 3.7 | WSW | 256 |
|    | 02       | 0.47   | 4.1 | 0.37   | 4.3 | 0.30   | 4.5 | 0.20   | 3.7 | NW  | 311 |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 04 | 0.50   | 5.4 | 0.38   | 5.2 | 0.30   | 5.0 | 0.19   | 4.2 | NW  | 315 |
|    | 06 | 0.59   | 4.6 | 0.42   | 5.7 | 0.33   | 5.6 | 0.21   | 4.4 | NW  | 307 |
|    | 08 | 0.58   | 5.6 | 0.43   | 5.7 | 0.34   | 5.6 | 0.22   | 4.9 | NW  | 323 |
|    | 10 | 0.66   | 3.3 | 0.43   | 4.1 | 0.34   | 3.8 | 0.22   | 3.0 | W   | 268 |
|    | 12 | 0.68   | 4.2 | 0.52   | 3.6 | 0.42   | 3.5 | 0.27   | 3.1 | W   | 278 |
|    | 14 | * 0.76 | 3.4 | * 0.57 | 3.6 | * 0.45 | 3.7 | * 0.29 | 3.3 |     |     |
|    | 16 | 0.62   | 3.8 | 0.46   | 4.1 | 0.36   | 4.2 | 0.23   | 3.8 | N   | 1   |
|    | 18 | 0.68   | 3.5 | 0.47   | 4.1 | 0.37   | 4.1 | 0.25   | 3.8 | NNE | 27  |
|    | 20 | 0.67   | 4.2 | 0.46   | 4.0 | 0.38   | 4.1 | 0.25   | 3.7 | W   | 271 |
|    | 22 | 0.60   | 4.1 | 0.41   | 4.0 | 0.32   | 4.1 | 0.20   | 3.5 | WSW | 254 |
|    | 最大 | 0.76   | 3.4 | 0.57   | 3.6 | 0.45   | 3.7 | 0.29   | 3.3 |     |     |
|    | 平均 | 0.61   | 4.2 | 0.44   | 4.4 | 0.35   | 4.4 | 0.23   | 3.8 |     |     |
| 25 | 00 | 0.42   | 6.8 | 0.30   | 6.1 | 0.23   | 5.7 | 0.15   | 4.4 | W   | 274 |
|    | 02 | 0.40   | 7.0 | 0.31   | 5.9 | 0.26   | 5.6 | 0.16   | 4.1 | WNW | 303 |
|    | 04 | * 0.61 | 4.2 | * 0.44 | 3.5 | * 0.36 | 3.7 | * 0.24 | 3.1 | WSW | 254 |
|    | 06 | 0.44   | 3.7 | 0.33   | 4.5 | 0.27   | 4.5 | 0.18   | 3.7 |     |     |
|    | 08 | 0.43   | 6.9 | 0.33   | 6.1 | 0.26   | 5.6 | 0.17   | 4.3 | NW  | 315 |
|    | 10 | 0.38   | 6.9 | 0.32   | 5.7 | 0.25   | 5.6 | 0.16   | 4.2 | NW  | 323 |
|    | 12 | 0.38   | 6.1 | 0.26   | 6.7 | 0.20   | 5.9 | 0.13   | 4.0 | NW  | 311 |
|    | 14 | 0.43   | 6.4 | 0.29   | 5.4 | 0.23   | 5.1 | 0.14   | 3.9 |     |     |
|    | 16 | 0.22   | 4.6 | 0.17   | 5.8 | 0.14   | 4.7 | 0.09   | 3.3 |     |     |
|    | 18 | 0.28   | 6.8 | 0.19   | 5.6 | 0.15   | 4.7 | 0.10   | 3.5 |     |     |
|    | 20 | 0.26   | 6.4 | 0.18   | 6.4 | 0.14   | 5.3 | 0.09   | 3.6 | NNW | 331 |
|    | 22 | 0.24   | 7.5 | 0.17   | 6.6 | 0.14   | 6.0 | 0.09   | 4.0 | N   | 0   |
|    | 最大 | 0.61   | 4.2 | 0.44   | 3.5 | 0.36   | 3.7 | 0.24   | 3.1 |     |     |
|    | 平均 | 0.37   | 6.1 | 0.27   | 5.7 | 0.22   | 5.2 | 0.14   | 3.8 |     |     |
| 26 | 00 | 0.32   | 6.3 | 0.21   | 5.9 | 0.17   | 5.2 | 0.11   | 3.7 | NW  | 315 |
|    | 02 | 0.37   | 3.5 | 0.26   | 5.2 | 0.21   | 4.8 | 0.14   | 3.5 | N   | 352 |
|    | 04 | 0.29   | 4.5 | 0.23   | 5.3 | 0.19   | 4.8 | 0.13   | 3.6 | NNW | 331 |
|    | 06 | 0.45   | 6.2 | * 0.33 | 6.4 | 0.26   | 6.1 | * 0.17 | 4.7 | NW  | 315 |
|    | 08 | * 0.46 | 6.4 | 0.32   | 5.7 | * 0.27 | 5.0 | 0.17   | 3.9 | NW  | 315 |
|    | 10 | 0.39   | 5.3 | 0.31   | 5.9 | 0.25   | 5.9 | 0.16   | 4.4 | NNE | 25  |
|    | 12 | 0.33   | 8.4 | 0.27   | 6.3 | 0.22   | 5.8 | 0.14   | 4.1 | NW  | 307 |
|    | 14 | 0.34   | 8.5 | 0.27   | 6.3 | 0.21   | 5.6 | 0.14   | 3.8 | WNW | 290 |
|    | 16 | 0.35   | 7.3 | 0.27   | 5.8 | 0.23   | 5.4 | 0.14   | 4.0 | NNW | 327 |
|    | 18 | 0.33   | 5.8 | 0.24   | 6.3 | 0.19   | 5.5 | 0.12   | 4.0 | NNW | 335 |
|    | 20 | 0.30   | 6.6 | 0.23   | 6.6 | 0.18   | 6.0 | 0.12   | 4.3 | NNW | 327 |
|    | 22 | 0.30   | 6.5 | 0.24   | 6.2 | 0.19   | 6.1 | 0.12   | 4.7 | NNW | 335 |
|    | 最大 | 0.46   | 6.4 | 0.33   | 6.4 | 0.27   | 5.0 | 0.17   | 4.7 |     |     |
|    | 平均 | 0.35   | 6.3 | 0.27   | 6.0 | 0.21   | 5.5 | 0.14   | 4.1 |     |     |
| 27 | 00 | 0.35   | 7.0 | 0.24   | 6.6 | 0.19   | 6.5 | 0.12   | 4.7 | NNW | 327 |
|    | 02 | 0.33   | 6.4 | 0.24   | 6.8 | 0.19   | 6.5 | 0.12   | 4.7 | NW  | 311 |
|    | 04 | * 0.60 | 2.5 | * 0.44 | 3.1 | * 0.36 | 3.3 | * 0.23 | 2.8 | NNE | 30  |
|    | 06 | 0.59   | 5.7 | 0.36   | 3.9 | 0.29   | 3.7 | 0.19   | 3.0 | W   | 262 |
|    | 08 | 0.44   | 6.8 | 0.33   | 4.2 | 0.27   | 4.0 | 0.18   | 3.3 | WNW | 303 |
|    | 10 | 0.44   | 3.4 | 0.35   | 3.9 | 0.28   | 3.9 | 0.18   | 3.4 | WSW | 240 |
|    | 12 | 0.47   | 3.7 | 0.34   | 3.5 | 0.28   | 3.7 | 0.19   | 3.2 | N   | 10  |
|    | 14 | 0.39   | 4.6 | 0.27   | 4.6 | 0.21   | 4.2 | 0.13   | 3.3 | WSW | 254 |
|    | 16 | 0.33   | 6.2 | 0.24   | 5.4 | 0.19   | 5.0 | 0.12   | 3.5 | NNW | 348 |
|    | 18 | 0.28   | 6.0 | 0.21   | 5.8 | 0.16   | 5.7 | 0.10   | 3.9 |     |     |
|    | 20 | 0.31   | 4.6 | 0.24   | 6.2 | 0.19   | 5.9 | 0.12   | 4.6 | N   | 352 |
|    | 22 | 0.42   | 6.9 | 0.32   | 5.0 | 0.25   | 4.9 | 0.17   | 3.9 | NNW | 331 |
|    | 最大 | 0.60   | 2.5 | 0.44   | 3.1 | 0.36   | 3.3 | 0.23   | 2.8 |     |     |
|    | 平均 | 0.41   | 5.3 | 0.30   | 4.9 | 0.24   | 4.8 | 0.15   | 3.7 |     |     |
| 28 | 00 | 0.40   | 4.5 | 0.29   | 5.3 | 0.23   | 5.1 | 0.15   | 3.8 | N   | 352 |
|    | 02 | 0.40   | 5.7 | 0.28   | 5.7 | 0.23   | 5.3 | 0.15   | 4.1 | NNE | 12  |
|    | 04 | 0.40   | 7.7 | 0.31   | 6.6 | 0.25   | 6.2 | 0.15   | 4.5 | N   | 352 |
|    | 06 | 0.38   | 5.4 | 0.27   | 6.2 | 0.21   | 5.9 | 0.14   | 4.2 |     |     |
|    | 08 | 0.32   | 6.2 | 0.25   | 6.3 | 0.20   | 5.9 | 0.13   | 4.2 | NNW | 344 |
|    | 10 | 0.42   | 6.2 | 0.32   | 6.4 | 0.26   | 6.2 | 0.17   | 4.7 | NW  | 315 |
|    | 12 | 0.43   | 5.8 | 0.29   | 5.9 | 0.23   | 5.8 | 0.14   | 4.2 | NNW | 348 |
|    | 14 | * 0.46 | 7.0 | * 0.36 | 6.0 | * 0.29 | 5.8 | * 0.19 | 4.5 | NNW | 348 |
|    | 16 | 0.37   | 6.1 | 0.29   | 6.2 | 0.25   | 6.2 | 0.16   | 4.6 | NNW | 344 |
|    | 18 | 0.40   | 6.5 | 0.30   | 6.3 | 0.25   | 6.1 | 0.16   | 4.9 | N   | 4   |
|    | 20 | 0.41   | 6.3 | 0.29   | 6.7 | 0.22   | 6.5 | 0.13   | 4.8 | NW  | 307 |
|    | 22 | 0.35   | 6.6 | 0.29   | 6.2 | 0.23   | 6.1 | 0.14   | 4.8 | NNW | 340 |
|    | 最大 | 0.46   | 7.0 | 0.36   | 6.0 | 0.29   | 5.8 | 0.19   | 4.5 |     |     |



|     | 平均 | 0.40   | 6.2 | 0.30   | 6.2 | 0.24   | 5.9 | 0.15   | 4.4 |     |     |
|-----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
| 29  | 00 | 0.40   | 6.1 | 0.28   | 5.9 | 0.22   | 5.9 | 0.14   | 4.5 | NNW | 327 |
|     | 02 | 0.28   | 5.2 | 0.23   | 5.8 | 0.19   | 5.9 | 0.13   | 4.7 | NNW | 327 |
|     | 04 | 0.34   | 6.0 | 0.26   | 5.8 | 0.21   | 5.7 | 0.13   | 4.4 | NNE | 16  |
|     | 06 | 0.37   | 6.1 | 0.29   | 5.8 | 0.23   | 5.9 | 0.14   | 4.6 | N   | 356 |
|     | 08 | 0.34   | 5.7 | 0.25   | 5.2 | 0.21   | 5.4 | 0.13   | 4.2 | N   | 0   |
|     | 10 | 0.36   | 5.1 | 0.27   | 5.7 | 0.21   | 5.5 | 0.13   | 4.1 | NNW | 327 |
|     | 12 | 0.38   | 3.7 | 0.26   | 4.9 | 0.19   | 5.1 | 0.13   | 3.9 | NNW | 348 |
|     | 14 | 0.46   | 4.0 | 0.25   | 5.2 | 0.19   | 5.2 | 0.12   | 3.8 | NNE | 25  |
|     | 16 | 0.30   | 5.6 | 0.21   | 4.6 | 0.17   | 4.1 | 0.11   | 2.9 | WSW | 244 |
|     | 18 | 0.37   | 5.3 | 0.32   | 4.8 | 0.28   | 4.9 | 0.18   | 4.2 | WNW | 290 |
|     | 20 | 1.00   | 4.0 | 0.68   | 4.5 | 0.54   | 4.5 | 0.34   | 4.1 | WNW | 299 |
|     | 22 | * 1.20 | 4.2 | * 0.81 | 4.5 | * 0.64 | 4.6 | * 0.42 | 4.3 | WNW | 286 |
|     | 最大 | 1.20   | 4.2 | 0.81   | 4.5 | 0.64   | 4.6 | 0.42   | 4.3 |     |     |
|     | 平均 | 0.48   | 5.1 | 0.34   | 5.2 | 0.27   | 5.2 | 0.18   | 4.1 |     |     |
| 30  | 00 | 2.09   | 4.4 | 1.69   | 4.7 | 1.31   | 4.7 | 0.83   | 4.2 | W   | 274 |
|     | 02 | * 2.36 | 5.0 | * 1.73 | 4.8 | * 1.37 | 4.7 | * 0.87 | 4.2 | W   | 278 |
|     | 04 | 1.76   | 4.3 | 1.28   | 4.3 | 1.07   | 4.4 | 0.69   | 3.9 | NNE | 31  |
|     | 06 | 1.53   | 3.9 | 1.03   | 4.5 | 0.84   | 4.4 | 0.55   | 3.9 | N   | 358 |
|     | 08 | 1.20   | 4.1 | 0.86   | 4.1 | 0.68   | 4.2 | 0.43   | 3.8 | W   | 265 |
|     | 10 | 0.99   | 3.9 | 0.73   | 3.9 | 0.56   | 3.8 | 0.36   | 3.5 | NE  | 54  |
|     | 12 | 0.82   | 3.4 | 0.63   | 3.8 | 0.50   | 3.8 | 0.32   | 3.6 | NW  | 324 |
|     | 14 | 0.60   | 3.6 | 0.43   | 3.7 | 0.35   | 3.7 | 0.23   | 3.4 | W   | 281 |
|     | 16 | 0.59   | 3.6 | 0.41   | 3.5 | 0.33   | 3.6 | 0.22   | 3.2 | W   | 264 |
|     | 18 | 0.73   | 3.5 | 0.40   | 3.7 | 0.32   | 3.8 | 0.21   | 3.4 | N   | 1   |
|     | 20 | 0.49   | 3.4 | 0.31   | 3.9 | 0.26   | 3.7 | 0.18   | 3.3 | NE  | 45  |
|     | 22 | 0.60   | 3.1 | 0.38   | 3.5 | 0.30   | 3.6 | 0.19   | 3.1 | WSW | 243 |
|     | 最大 | 2.36   | 5.0 | 1.73   | 4.8 | 1.37   | 4.7 | 0.87   | 4.2 |     |     |
|     | 平均 | 1.15   | 3.9 | 0.82   | 4.0 | 0.66   | 4.0 | 0.42   | 3.6 |     |     |
| 31  | 00 | 0.49   | 3.2 | 0.35   | 3.4 | 0.28   | 3.4 | 0.19   | 3.1 | NE  | 54  |
|     | 02 | 0.62   | 3.0 | 0.44   | 3.4 | 0.35   | 3.4 | 0.22   | 3.0 | WSW | 256 |
|     | 04 | 0.75   | 3.2 | 0.49   | 3.5 | 0.40   | 3.5 | 0.26   | 3.2 | W   | 260 |
|     | 06 | 0.82   | 3.1 | 0.53   | 3.4 | 0.41   | 3.4 | 0.27   | 3.1 | N   | 356 |
|     | 08 | 0.86   | 3.4 | 0.63   | 3.4 | 0.52   | 3.6 | 0.35   | 3.2 | NE  | 55  |
|     | 10 | 0.95   | 4.0 | 0.68   | 3.7 | * 0.57 | 3.8 | * 0.37 | 3.4 | WNW | 291 |
|     | 12 | * 1.07 | 4.1 | * 0.71 | 4.0 | 0.55   | 4.0 | 0.35   | 3.5 |     |     |
|     | 14 | 0.90   | 4.1 | 0.56   | 3.8 | 0.44   | 3.8 | 0.28   | 3.3 | NE  | 50  |
|     | 16 | 0.47   | 3.3 | 0.36   | 3.7 | 0.29   | 3.8 | 0.19   | 3.3 | NE  | 38  |
|     | 18 | 0.50   | 3.8 | 0.32   | 3.9 | 0.26   | 4.0 | 0.17   | 3.4 | WNW | 296 |
|     | 20 | 0.40   | 3.3 | 0.31   | 3.8 | 0.26   | 3.9 | 0.17   | 3.3 | N   | 1   |
|     | 22 | 0.37   | 5.4 | 0.30   | 4.7 | 0.25   | 4.8 | 0.16   | 3.8 | NW  | 319 |
|     | 最大 | 1.07   | 4.1 | 0.71   | 4.0 | 0.57   | 3.8 | 0.37   | 3.4 |     |     |
|     | 平均 | 0.68   | 3.7 | 0.47   | 3.7 | 0.38   | 3.8 | 0.25   | 3.3 |     |     |
|     |    |        |     |        |     |        |     |        |     |     |     |
| 月最大 |    | 2.69   | 4.0 | 2.02   | 4.7 | 1.61   | 4.6 | 1.05   | 4.1 |     |     |
| 起時  |    | 1502   |     | 1504   |     | 1504   |     | 1504   |     |     |     |
| 平均  |    | 0.75   | 4.7 | 0.55   | 4.7 | 0.44   | 4.7 | 0.28   | 3.9 |     |     |

\* は日最大波高を示す

波浪整理表（1）

2013年 8月

| 波高   |       | 波向   |       |
|------|-------|------|-------|
| 規定回数 | 372 回 | 規定回数 | 372 回 |
| 測得回数 | 372 回 | 測得回数 | 352 回 |
| 欠測回数 | 0 回   | 欠測回数 | 20 回  |
| 欠測率  | 0.0 % | 欠測率  | 5.4 % |

観測所名：直江津港(直轄) | 機種：波高 海象計 -32m 波向 海象計 -32m

| 日  | 時  | H max  | T max | H 1/10 | T 1/10 | H 1/3  | T 1/3 | H mean | T mean | 波向   |     |
|----|----|--------|-------|--------|--------|--------|-------|--------|--------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)    | (m)    | (s)   | (m)    | (s)    | 16方位 | 角度  |
| 01 | 00 | 0.42   | 4.3   | 0.34   | 4.9    | 0.27   | 4.8   | 0.17   | 3.8    | NNW  | 331 |
|    | 02 | 1.65   | 5.3   | 1.27   | 4.9    | 1.02   | 4.8   | 0.65   | 4.2    | W    | 270 |
|    | 04 | * 2.52 | 4.9   | * 1.58 | 4.8    | * 1.20 | 4.6   | * 0.73 | 4.0    | W    | 274 |
|    | 06 | 1.71   | 3.5   | 1.26   | 4.2    | 1.01   | 4.4   | 0.64   | 4.0    | NNW  | 328 |
|    | 08 | 1.35   | 4.5   | 1.06   | 4.5    | 0.83   | 4.5   | 0.53   | 4.0    | W    | 270 |
|    | 10 | 1.48   | 4.4   | 0.94   | 4.5    | 0.74   | 4.4   | 0.48   | 3.9    | WNW  | 285 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 12 | 1.26   | 4.1   | 0.88   | 4.3    | 0.68   | 4.3   | 0.43   | 3.8    | WSW  | 244 |
|    | 14 | 0.88   | 4.1   | 0.69   | 4.4    | 0.56   | 4.4   | 0.35   | 3.8    | NE   | 42  |
|    | 16 | 0.75   | 3.6   | 0.57   | 4.3    | 0.45   | 4.3   | 0.29   | 3.9    | W    | 279 |
|    | 18 | 0.58   | 4.4   | 0.43   | 4.6    | 0.34   | 4.6   | 0.22   | 3.8    | NNW  | 348 |
|    | 20 | 0.55   | 5.2   | 0.43   | 5.0    | 0.36   | 4.7   | 0.23   | 3.7    | NNW  | 348 |
|    | 22 | 0.47   | 4.8   | 0.37   | 4.8    | 0.31   | 5.0   | 0.20   | 4.0    | N    | 0   |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 最大 | 2.52   | 4.9   | 1.58   | 4.8    | 1.20   | 4.6   | 0.73   | 4.0    |      |     |
|    | 平均 | 1.14   | 4.4   | 0.82   | 4.6    | 0.65   | 4.6   | 0.41   | 3.9    |      |     |
| 02 | 00 | 0.76   | 3.9   | 0.50   | 3.8    | 0.39   | 3.9   | 0.25   | 3.4    | N    | 356 |
|    | 02 | 0.74   | 3.3   | 0.59   | 3.7    | 0.48   | 3.7   | 0.31   | 3.3    | WNW  | 298 |
|    | 04 | 0.78   | 3.5   | 0.56   | 3.6    | 0.44   | 3.6   | 0.28   | 3.2    | WNW  | 300 |
|    | 06 | 0.58   | 3.9   | 0.47   | 3.8    | 0.37   | 3.8   | 0.25   | 3.3    | NW   | 324 |
|    | 08 | 0.62   | 3.6   | 0.47   | 4.1    | 0.38   | 4.1   | 0.24   | 3.4    | WSW  | 256 |
|    | 10 | 0.65   | 3.6   | 0.49   | 4.4    | 0.40   | 4.2   | 0.26   | 3.5    | NW   | 322 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 12 | 0.66   | 5.7   | 0.54   | 4.6    | 0.42   | 4.5   | 0.27   | 3.7    | NNW  | 331 |
|    | 14 | 0.89   | 4.0   | * 0.63 | 4.6    | * 0.50 | 4.5   | * 0.32 | 3.7    | NNW  | 348 |
|    | 16 | 0.74   | 4.8   | 0.58   | 4.6    | 0.44   | 4.7   | 0.28   | 3.6    | NNW  | 340 |
|    | 18 | 0.88   | 4.3   | 0.61   | 4.5    | 0.48   | 4.5   | 0.31   | 3.8    | NNW  | 340 |
|    | 20 | 0.76   | 4.8   | 0.58   | 4.7    | 0.47   | 4.8   | 0.31   | 4.0    | NNW  | 344 |
|    | 22 | * 0.91 | 4.2   | 0.59   | 5.0    | 0.46   | 4.9   | 0.28   | 4.0    | NNW  | 327 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 最大 | 0.91   | 4.2   | 0.63   | 4.6    | 0.50   | 4.5   | 0.32   | 3.7    |      |     |
|    | 平均 | 0.75   | 4.1   | 0.55   | 4.3    | 0.44   | 4.3   | 0.28   | 3.6    |      |     |
| 03 | 00 | * 0.83 | 4.8   | 0.58   | 5.0    | 0.47   | 4.9   | 0.31   | 4.2    | NNW  | 327 |
|    | 02 | 0.77   | 5.1   | 0.55   | 5.1    | 0.45   | 5.2   | 0.29   | 4.5    | NNW  | 340 |
|    | 04 | 0.77   | 5.5   | 0.51   | 5.3    | 0.41   | 5.2   | 0.27   | 4.6    | NNW  | 348 |
|    | 06 | 0.69   | 4.7   | 0.50   | 5.2    | 0.41   | 5.3   | 0.27   | 4.6    | NNW  | 348 |
|    | 08 | 0.68   | 5.9   | 0.53   | 5.5    | 0.44   | 5.5   | 0.28   | 4.7    | NNW  | 340 |
|    | 10 | 0.75   | 5.3   | * 0.59 | 5.7    | * 0.48 | 5.7   | 0.30   | 4.8    | N    | 0   |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 12 | 0.77   | 5.7   | 0.57   | 5.5    | 0.47   | 5.5   | * 0.31 | 4.7    | NNW  | 348 |
|    | 14 | 0.70   | 4.9   | 0.55   | 5.4    | 0.45   | 5.5   | 0.29   | 4.4    | NNW  | 344 |
|    | 16 | 0.70   | 5.4   | 0.52   | 5.6    | 0.42   | 5.6   | 0.27   | 4.5    | NNW  | 348 |
|    | 18 | 0.69   | 5.3   | 0.51   | 5.4    | 0.41   | 5.4   | 0.25   | 4.5    | N    | 356 |
|    | 20 | 0.73   | 5.8   | 0.49   | 5.8    | 0.39   | 5.7   | 0.25   | 4.8    | NNW  | 331 |
|    | 22 | 0.62   | 4.7   | 0.47   | 5.5    | 0.39   | 5.8   | 0.24   | 4.7    | NNW  | 348 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 最大 | 0.83   | 4.8   | 0.59   | 5.7    | 0.48   | 5.7   | 0.31   | 4.7    |      |     |
|    | 平均 | 0.73   | 5.3   | 0.53   | 5.4    | 0.43   | 5.4   | 0.28   | 4.6    |      |     |
| 04 | 00 | * 0.65 | 5.5   | 0.45   | 5.8    | * 0.36 | 5.8   | * 0.23 | 4.7    | NNW  | 340 |
|    | 02 | 0.54   | 5.3   | 0.42   | 5.5    | 0.34   | 5.6   | 0.22   | 4.9    | NNW  | 340 |
|    | 04 | 0.62   | 3.1   | * 0.46 | 5.1    | 0.36   | 5.4   | 0.22   | 4.5    | N    | 356 |
|    | 06 | 0.63   | 5.1   | 0.45   | 5.3    | 0.36   | 5.4   | 0.22   | 4.6    | NNW  | 348 |
|    | 08 | 0.49   | 6.0   | 0.39   | 5.4    | 0.31   | 5.4   | 0.19   | 4.5    | N    | 0   |
|    | 10 | 0.44   | 5.3   | 0.35   | 5.1    | 0.27   | 5.1   | 0.17   | 4.1    |      |     |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 12 | 0.42   | 5.2   | 0.34   | 5.2    | 0.26   | 5.5   | 0.17   | 4.6    | NNW  | 327 |
|    | 14 | 0.42   | 3.7   | 0.29   | 5.4    | 0.24   | 5.2   | 0.16   | 4.4    | N    | 352 |
|    | 16 | 0.36   | 6.0   | 0.26   | 5.3    | 0.20   | 5.2   | 0.12   | 3.9    | N    | 352 |
|    | 18 | 0.38   | 5.8   | 0.26   | 5.7    | 0.20   | 5.7   | 0.13   | 4.4    | NNW  | 348 |
|    | 20 | 0.30   | 5.1   | 0.22   | 5.6    | 0.18   | 5.6   | 0.11   | 4.7    | N    | 352 |
|    | 22 | 0.26   | 5.4   | 0.21   | 5.5    | 0.17   | 5.3   | 0.11   | 3.8    | NNW  | 340 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 最大 | 0.65   | 5.5   | 0.46   | 5.1    | 0.36   | 5.8   | 0.23   | 4.7    |      |     |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 平均 | 0.46   | 5.1 | 0.34   | 5.4 | 0.27   | 5.4 | 0.17   | 4.4 |     |     |
| 05 | 00 | 0.31   | 5.5 | * 0.22 | 5.4 | * 0.18 | 5.3 | * 0.11 | 3.9 | N   | 8   |
|    | 02 | 0.29   | 6.3 | 0.21   | 5.5 | 0.16   | 5.4 | 0.10   | 3.9 | NNW | 331 |
|    | 04 | 0.26   | 5.6 | 0.20   | 5.1 | 0.15   | 5.2 | 0.10   | 4.1 | N   | 4   |
|    | 06 | 0.23   | 4.3 | 0.18   | 5.1 | 0.15   | 5.1 | 0.10   | 3.9 | NNW | 344 |
|    | 08 | 0.27   | 4.7 | 0.18   | 4.9 | 0.14   | 4.5 | 0.09   | 3.4 |     |     |
|    | 10 | 0.24   | 4.8 | 0.16   | 4.7 | 0.13   | 4.4 | 0.08   | 3.2 | NE  | 37  |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.24   | 4.8 | 0.17   | 4.6 | 0.14   | 4.4 | 0.10   | 3.4 | NE  | 55  |
|    | 14 | * 0.34 | 3.9 | 0.17   | 4.5 | 0.14   | 4.5 | 0.09   | 3.4 | NNE | 16  |
|    | 16 | 0.22   | 4.6 | 0.17   | 5.1 | 0.13   | 4.8 | 0.08   | 3.6 | WNW | 299 |
|    | 18 | 0.18   | 4.8 | 0.15   | 4.9 | 0.12   | 4.5 | 0.08   | 3.3 |     |     |
|    | 20 | 0.18   | 6.0 | 0.14   | 4.7 | 0.11   | 4.8 | 0.07   | 3.8 | NNW | 344 |
|    | 22 | 0.21   | 5.4 | 0.16   | 4.8 | 0.13   | 4.1 | 0.08   | 3.1 | NNW | 331 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 0.34   | 3.9 | 0.22   | 5.4 | 0.18   | 5.3 | 0.11   | 3.9 |     |     |
|    | 平均 | 0.25   | 5.1 | 0.18   | 4.9 | 0.14   | 4.8 | 0.09   | 3.6 |     |     |
| 06 | 00 | 0.17   | 4.0 | 0.14   | 4.5 | 0.12   | 4.3 | 0.08   | 3.2 | N   | 352 |
|    | 02 | 0.18   | 4.5 | 0.12   | 4.7 | 0.10   | 4.7 | 0.07   | 3.6 | NNW | 348 |
|    | 04 | 0.17   | 3.9 | 0.13   | 4.7 | 0.11   | 4.4 | 0.07   | 3.4 | NE  | 56  |
|    | 06 | 0.18   | 3.9 | 0.14   | 4.4 | 0.11   | 4.4 | 0.07   | 3.3 | NE  | 56  |
|    | 08 | 0.21   | 5.8 | 0.15   | 5.0 | 0.12   | 4.8 | 0.08   | 3.8 | NNE | 29  |
|    | 10 | 0.22   | 5.3 | 0.18   | 4.8 | 0.15   | 4.6 | 0.10   | 3.7 | W   | 274 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | * 0.36 | 4.5 | * 0.23 | 4.0 | * 0.18 | 3.9 | * 0.12 | 3.2 |     |     |
|    | 14 | 0.35   | 3.8 | 0.22   | 3.5 | 0.17   | 3.7 | 0.11   | 2.9 | NNE | 33  |
|    | 16 | 0.21   | 6.5 | 0.16   | 3.9 | 0.13   | 4.0 | 0.09   | 3.1 |     |     |
|    | 18 | 0.20   | 2.8 | 0.17   | 3.3 | 0.14   | 3.4 | 0.10   | 2.8 | NE  | 47  |
|    | 20 | 0.26   | 2.4 | 0.20   | 3.5 | 0.16   | 3.6 | 0.11   | 3.1 | NE  | 36  |
|    | 22 | 0.22   | 3.1 | 0.17   | 4.0 | 0.14   | 3.9 | 0.09   | 3.2 | NE  | 35  |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 0.36   | 4.5 | 0.23   | 4.0 | 0.18   | 3.9 | 0.12   | 3.2 |     |     |
|    | 平均 | 0.23   | 4.2 | 0.17   | 4.2 | 0.14   | 4.1 | 0.09   | 3.3 |     |     |
| 07 | 00 | 0.26   | 2.9 | 0.18   | 3.8 | 0.15   | 3.7 | 0.10   | 3.1 | N   | 6   |
|    | 02 | 0.30   | 3.8 | 0.21   | 4.1 | 0.16   | 4.1 | 0.10   | 3.4 | NW  | 306 |
|    | 04 | 0.47   | 3.9 | 0.34   | 3.7 | 0.28   | 3.7 | 0.18   | 3.5 | NE  | 39  |
|    | 06 | 0.52   | 3.3 | 0.34   | 3.4 | 0.27   | 3.4 | 0.17   | 3.1 | NE  | 48  |
|    | 08 | * 0.63 | 3.6 | * 0.50 | 3.5 | * 0.40 | 3.6 | * 0.26 | 3.3 | NW  | 306 |
|    | 10 | 0.56   | 3.3 | 0.45   | 3.5 | 0.35   | 3.5 | 0.23   | 3.3 | W   | 280 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.52   | 3.2 | 0.39   | 3.4 | 0.30   | 3.5 | 0.19   | 3.0 | NE  | 37  |
|    | 14 | 0.42   | 3.2 | 0.32   | 3.4 | 0.25   | 3.4 | 0.16   | 3.0 | NNE | 24  |
|    | 16 | 0.39   | 4.3 | 0.31   | 3.5 | 0.25   | 3.4 | 0.16   | 3.1 | N   | 356 |
|    | 18 | 0.40   | 3.4 | 0.30   | 3.4 | 0.24   | 3.4 | 0.16   | 3.0 | W   | 260 |
|    | 20 | 0.33   | 3.0 | 0.24   | 3.6 | 0.20   | 3.7 | 0.13   | 3.2 | NW  | 320 |
|    | 22 | 0.30   | 3.8 | 0.22   | 3.9 | 0.18   | 3.7 | 0.12   | 3.1 | NE  | 36  |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 0.63   | 3.6 | 0.50   | 3.5 | 0.40   | 3.6 | 0.26   | 3.3 |     |     |
|    | 平均 | 0.43   | 3.5 | 0.32   | 3.6 | 0.25   | 3.6 | 0.16   | 3.2 |     |     |
| 08 | 00 | 0.30   | 4.1 | 0.24   | 4.0 | 0.19   | 3.9 | 0.13   | 3.3 | N   | 5   |
|    | 02 | 0.26   | 5.7 | 0.18   | 3.8 | 0.15   | 3.7 | 0.10   | 3.0 | WSW | 242 |
|    | 04 | 0.28   | 3.2 | 0.17   | 3.8 | 0.13   | 3.9 | 0.08   | 3.0 |     |     |
|    | 06 | 0.34   | 3.8 | 0.19   | 3.9 | 0.14   | 4.0 | 0.09   | 3.3 |     |     |
|    | 08 | 0.18   | 4.7 | 0.13   | 3.9 | 0.11   | 3.8 | 0.07   | 2.8 |     |     |
|    | 10 | 0.39   | 2.2 | 0.29   | 2.7 | 0.23   | 2.8 | 0.15   | 2.5 | NE  | 36  |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.51   | 2.8 | 0.31   | 3.1 | 0.25   | 3.1 | 0.16   | 2.8 | NNW | 330 |
|    | 14 | * 0.64 | 2.9 | * 0.36 | 3.3 | 0.28   | 3.3 | * 0.19 | 2.9 | NNW | 344 |
|    | 16 | 0.50   | 3.4 | 0.34   | 3.5 | * 0.28 | 3.5 | 0.18   | 3.1 | NE  | 45  |
|    | 18 | 0.41   | 3.4 | 0.32   | 3.4 | 0.26   | 3.5 | 0.17   | 3.0 | NNE | 33  |
|    | 20 | 0.34   | 3.2 | 0.25   | 3.8 | 0.21   | 3.9 | 0.14   | 3.5 | NNE | 12  |
|    | 22 | 0.28   | 3.9 | 0.19   | 4.1 | 0.15   | 3.8 | 0.10   | 3.1 |     |     |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 0.64   | 2.9 | 0.36   | 3.3 | 0.28   | 3.5 | 0.19   | 2.9 |     |     |
|    | 平均 | 0.37   | 3.6 | 0.25   | 3.6 | 0.20   | 3.6 | 0.13   | 3.0 |     |     |
| 09 | 00 | 0.33   | 4.0 | 0.20   | 3.5 | 0.16   | 3.5 | 0.11   | 3.1 | NE  | 34  |
|    | 02 | 0.25   | 3.2 | 0.19   | 3.7 | 0.15   | 3.7 | 0.10   | 3.1 | WSW | 251 |
|    | 04 | 0.21   | 3.2 | 0.15   | 3.9 | 0.12   | 3.7 | 0.08   | 2.9 | NE  | 56  |
|    | 06 | 0.23   | 3.1 | 0.18   | 3.7 | 0.14   | 3.7 | 0.09   | 3.0 | NE  | 36  |
|    | 08 | 0.84   | 3.9 | 0.57   | 3.6 | 0.45   | 3.7 | 0.28   | 3.4 | NE  | 48  |
|    | 10 | 1.06   | 3.4 | 0.67   | 3.4 | 0.54   | 3.5 | 0.35   | 3.2 | NNE | 17  |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 1.56   | 3.2 | 1.03   | 3.6 | 0.85   | 3.7 | 0.57   | 3.4 | W   | 279 |
|    | 14 | 1.32   | 3.5 | 0.92   | 3.6 | 0.73   | 3.7 | 0.47   | 3.3 | WSW | 242 |
|    | 16 | 1.32   | 4.5 | 1.02   | 4.1 | 0.79   | 4.1 | 0.50   | 3.6 | WSW | 248 |
|    | 18 | * 1.66 | 3.8 | * 1.17 | 4.4 | * 0.92 | 4.5 | * 0.58 | 3.8 | W   | 278 |
|    | 20 | 1.30   | 4.3 | 0.90   | 4.5 | 0.74   | 4.6 | 0.48   | 3.9 | WNW | 295 |
|    | 22 | 1.12   | 4.0 | 0.85   | 3.9 | 0.65   | 4.1 | 0.41   | 3.5 | NNW | 340 |

|    |    |        |        |        |        |        |        |        |        |     |     |     |  |
|----|----|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|--|
|    |    |        |        |        |        |        |        |        |        |     |     |     |  |
|    | 最大 | 1.66   | 3.8    | 1.17   | 4.4    | 0.92   | 4.5    | 0.58   | 3.8    |     |     |     |  |
|    | 平均 | 0.93   | 3.7    | 0.65   | 3.8    | 0.52   | 3.9    | 0.34   | 3.4    |     |     |     |  |
| 10 | 00 | 0.89   | 4.9    | 0.63   | 4.2    | 0.52   | 4.2    | 0.34   | 3.7    | W   | 272 |     |  |
|    | 02 | 0.64   | 3.6    | 0.51   | 3.8    | 0.40   | 3.9    | 0.26   | 3.4    | WSW | 256 |     |  |
|    | 04 | 0.83   | 4.0    | 0.47   | 3.9    | 0.37   | 3.9    | 0.23   | 3.4    | NNE | 21  |     |  |
|    | 06 | 1.19   | 3.9    | 0.79   | 4.0    | 0.61   | 4.1    | 0.39   | 3.6    | NNW | 334 |     |  |
|    | 08 | 1.24   | 3.7    | 0.94   | 4.1    | 0.75   | 4.1    | * 0.48 | 3.6    | N   | 351 |     |  |
|    | 10 | 1.29   | 3.5    | * 0.98 | 3.8    | * 0.76 | 3.8    | 0.48   | 3.4    | NNW | 328 |     |  |
|    |    |        |        |        |        |        |        |        |        |     |     |     |  |
|    | 12 | 1.09   | 3.5    | 0.78   | 3.6    | 0.62   | 3.6    | 0.41   | 3.4    | WNW | 286 |     |  |
|    | 14 | 0.91   | 3.4    | 0.58   | 3.7    | 0.48   | 3.6    | 0.32   | 3.3    | WSW | 246 |     |  |
|    | 16 | 0.85   | 3.5    | 0.52   | 3.7    | 0.41   | 3.7    | 0.26   | 3.4    | NNE | 23  |     |  |
|    | 18 | 1.00   | 4.1    | 0.68   | 4.0    | 0.55   | 4.1    | 0.36   | 3.6    | W   | 278 |     |  |
|    | 20 | * 1.30 | 4.1    | 0.96   | 3.9    | 0.74   | 4.0    | 0.45   | 3.5    | WNW | 285 |     |  |
|    | 22 | 1.27   | 3.5    | 0.84   | 3.9    | 0.67   | 3.9    | 0.43   | 3.5    | NW  | 310 |     |  |
|    |    |        |        |        |        |        |        |        |        |     |     |     |  |
|    | 最大 | 1.30   | 4.1    | 0.98   | 3.8    | 0.76   | 3.8    | 0.48   | 3.6    |     |     |     |  |
|    | 平均 | 1.04   | 3.8    | 0.72   | 3.9    | 0.57   | 3.9    | 0.37   | 3.5    |     |     |     |  |
|    | 11 | 00     | * 0.98 | 3.7    | * 0.71 | 4.0    | * 0.55 | 4.0    | * 0.35 | 3.5 | NE  | 49  |  |
|    |    | 02     | 0.63   | 3.8    | 0.49   | 3.7    | 0.39   | 3.7    | 0.26   | 3.5 | NE  | 34  |  |
|    |    | 04     | 0.50   | 3.7    | 0.32   | 3.4    | 0.26   | 3.5    | 0.17   | 3.1 | N   | 354 |  |
|    |    | 06     | 0.50   | 3.0    | 0.39   | 3.6    | 0.32   | 3.6    | 0.21   | 3.2 | N   | 8   |  |
|    |    | 08     | 0.49   | 3.1    | 0.40   | 3.8    | 0.33   | 3.8    | 0.22   | 3.5 | WSW | 247 |  |
|    |    | 10     | 0.59   | 4.6    | 0.50   | 3.7    | 0.40   | 3.7    | 0.26   | 3.1 | NE  | 48  |  |
|    |    |        |        |        |        |        |        |        |        |     |     |     |  |
| 12 |    | 0.80   | 3.6    | 0.49   | 4.0    | 0.39   | 4.0    | 0.26   | 3.5    | N   | 2   |     |  |
| 14 |    | 0.69   | 3.6    | 0.46   | 4.0    | 0.36   | 4.1    | 0.23   | 3.4    | WSW | 252 |     |  |
| 16 |    | 0.56   | 3.3    | 0.42   | 4.0    | 0.33   | 4.1    | 0.22   | 3.6    | NE  | 44  |     |  |
| 18 |    | 0.72   | 3.3    | 0.44   | 3.9    | 0.34   | 3.9    | 0.22   | 3.4    | N   | 9   |     |  |
| 20 |    | 0.64   | 4.1    | 0.44   | 4.2    | 0.35   | 3.9    | 0.23   | 3.4    | W   | 279 |     |  |
| 22 |    | 0.42   | 3.6    | 0.33   | 4.5    | 0.26   | 4.6    | 0.17   | 3.8    | NE  | 37  |     |  |
|    |    |        |        |        |        |        |        |        |        |     |     |     |  |
| 最大 |    | 0.98   | 3.7    | 0.71   | 4.0    | 0.55   | 4.0    | 0.35   | 3.5    |     |     |     |  |
| 平均 |    | 0.63   | 3.6    | 0.45   | 3.9    | 0.36   | 3.9    | 0.23   | 3.4    |     |     |     |  |
| 12 |    | 00     | 0.43   | 6.3    | 0.34   | 5.7    | 0.27   | 5.3    | 0.17   | 4.0 | N   | 356 |  |
|    |    | 02     | * 0.46 | 5.2    | * 0.38 | 4.4    | * 0.32 | 4.2    | * 0.21 | 3.3 | NNE | 18  |  |
|    |    | 04     | 0.36   | 3.8    | 0.29   | 4.8    | 0.25   | 4.9    | 0.16   | 3.9 | NE  | 37  |  |
|    |    | 06     | 0.37   | 5.7    | 0.28   | 5.1    | 0.23   | 4.8    | 0.15   | 3.6 | N   | 8   |  |
|    |    | 08     | 0.37   | 5.3    | 0.24   | 5.1    | 0.20   | 4.9    | 0.13   | 3.6 | NNE | 16  |  |
|    |    | 10     | 0.36   | 5.0    | 0.28   | 5.1    | 0.22   | 4.7    | 0.14   | 3.1 | NNE | 29  |  |
|    |    |        |        |        |        |        |        |        |        |     |     |     |  |
|    | 12 | 0.32   | 5.8    | 0.23   | 5.1    | 0.19   | 4.8    | 0.12   | 3.4    | NE  | 41  |     |  |
|    | 14 | 0.29   | 5.8    | 0.24   | 5.2    | 0.19   | 4.8    | 0.12   | 3.5    | NNW | 344 |     |  |
|    | 16 | 0.28   | 5.4    | 0.21   | 5.0    | 0.18   | 4.7    | 0.12   | 3.5    | N   | 4   |     |  |
|    | 18 | 0.31   | 2.9    | 0.21   | 4.6    | 0.16   | 4.1    | 0.11   | 3.1    | W   | 267 |     |  |
|    | 20 | 0.28   | 5.7    | 0.22   | 4.2    | 0.18   | 4.1    | 0.12   | 3.3    | N   | 7   |     |  |
|    | 22 | 0.39   | 3.9    | 0.26   | 4.6    | 0.20   | 4.4    | 0.13   | 3.6    | N   | 355 |     |  |
|    |    |        |        |        |        |        |        |        |        |     |     |     |  |
|    | 最大 | 0.46   | 5.2    | 0.38   | 4.4    | 0.32   | 4.2    | 0.21   | 3.3    |     |     |     |  |
|    | 平均 | 0.35   | 5.1    | 0.27   | 4.9    | 0.22   | 4.6    | 0.14   | 3.5    |     |     |     |  |
|    | 13 | 00     | 0.27   | 5.0    | 0.20   | 5.0    | 0.16   | 4.7    | 0.10   | 3.4 | NNE | 33  |  |
|    |    | 02     | 0.24   | 4.4    | 0.19   | 4.7    | 0.15   | 4.6    | 0.09   | 3.3 |     |     |  |
|    |    | 04     | 0.29   | 4.8    | 0.22   | 4.6    | 0.18   | 4.7    | 0.11   | 3.6 | NNE | 33  |  |
|    |    | 06     | 0.32   | 4.0    | 0.24   | 4.1    | 0.19   | 4.2    | 0.13   | 3.4 | NE  | 49  |  |
|    |    | 08     | * 0.50 | 2.9    | * 0.28 | 3.9    | * 0.22 | 4.0    | * 0.14 | 3.5 | NNW | 328 |  |
|    |    | 10     | 0.33   | 3.6    | 0.23   | 4.0    | 0.19   | 4.0    | 0.12   | 3.4 |     |     |  |
|    |    |        |        |        |        |        |        |        |        |     |     |     |  |
| 12 |    | 0.31   | 3.3    | 0.21   | 4.0    | 0.17   | 3.9    | 0.11   | 3.1    | NE  | 34  |     |  |
| 14 |    | 0.26   | 8.0    | 0.21   | 5.8    | 0.17   | 5.0    | 0.11   | 3.5    | NW  | 311 |     |  |
| 16 |    | 0.26   | 3.9    | 0.19   | 4.5    | 0.16   | 4.3    | 0.10   | 3.4    | WSW | 247 |     |  |
| 18 |    | 0.33   | 4.1    | 0.23   | 3.9    | 0.18   | 4.1    | 0.11   | 3.4    | NNW | 329 |     |  |
| 20 |    | 0.22   | 5.4    | 0.18   | 4.4    | 0.15   | 4.3    | 0.10   | 3.2    | NE  | 44  |     |  |
| 22 |    | 0.22   | 4.4    | 0.19   | 4.6    | 0.15   | 4.4    | 0.09   | 3.2    | WNW | 286 |     |  |
|    |    |        |        |        |        |        |        |        |        |     |     |     |  |
| 最大 |    | 0.50   | 2.9    | 0.28   | 3.9    | 0.22   | 4.0    | 0.14   | 3.5    |     |     |     |  |
| 平均 |    | 0.30   | 4.5    | 0.21   | 4.5    | 0.17   | 4.4    | 0.11   | 3.4    |     |     |     |  |
| 14 |    | 00     | 0.31   | 3.9    | 0.17   | 4.3    | 0.13   | 4.1    | 0.08   | 3.3 | NE  | 49  |  |
|    |    | 02     | 0.23   | 4.4    | 0.15   | 4.6    | 0.13   | 4.4    | 0.08   | 3.3 | WNW | 284 |  |
|    |    | 04     | 0.20   | 3.8    | 0.16   | 3.8    | 0.13   | 3.8    | 0.08   | 2.9 | WSW | 250 |  |
|    |    | 06     | 0.35   | 3.7    | * 0.20 | 3.8    | 0.15   | 3.6    | * 0.10 | 3.0 | NNE | 33  |  |
|    |    | 08     | 0.28   | 3.9    | 0.18   | 3.6    | 0.15   | 3.6    | * 0.10 | 3.0 | WSW | 255 |  |
|    |    | 10     | 0.33   | 2.7    | 0.20   | 3.5    | 0.15   | 3.4    | * 0.10 | 3.0 | WSW | 252 |  |
|    |    |        |        |        |        |        |        |        |        |     |     |     |  |
|    | 12 | 0.25   | 2.6    | 0.16   | 3.8    | 0.13   | 3.5    | 0.09   | 2.7    | NNE | 15  |     |  |
|    | 14 | 0.22   | 3.5    | 0.16   | 3.8    | 0.13   | 3.7    | 0.09   | 2.9    | NNE | 25  |     |  |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 16 | 0.19   | 5.6 | 0.16   | 4.0 | 0.13   | 3.8 | 0.09   | 2.8 | WSW | 255 |
|    | 18 | * 0.43 | 3.8 | 0.20   | 3.3 | * 0.16 | 3.4 | 0.10   | 2.9 | NE  | 45  |
|    | 20 | 0.19   | 4.5 | 0.14   | 3.4 | 0.12   | 3.3 | 0.08   | 2.7 | NW  | 324 |
|    | 22 | 0.33   | 3.9 | 0.19   | 4.6 | 0.13   | 4.4 | 0.08   | 3.2 | WNW | 282 |
|    | 最大 |        |     |        |     |        |     |        |     |     |     |
|    | 平均 | 0.43   | 3.8 | 0.20   | 3.8 | 0.16   | 3.4 | 0.10   | 3.0 |     |     |
|    |    | 0.28   | 3.9 | 0.17   | 3.9 | 0.14   | 3.8 | 0.09   | 3.0 |     |     |
| 15 | 00 | 0.22   | 6.5 | 0.16   | 5.0 | 0.13   | 4.6 | 0.08   | 3.3 |     |     |
|    | 02 | 0.19   | 3.4 | 0.13   | 4.9 | 0.10   | 4.2 | 0.07   | 3.0 | NE  | 46  |
|    | 04 | 0.18   | 4.3 | 0.14   | 5.1 | 0.11   | 4.7 | 0.07   | 3.4 |     |     |
|    | 06 | 0.18   | 9.3 | 0.15   | 4.4 | 0.12   | 4.2 | 0.08   | 3.0 | W   | 261 |
|    | 08 | 0.19   | 4.6 | 0.15   | 4.4 | 0.12   | 4.3 | 0.08   | 3.1 | WSW | 243 |
|    | 10 | 0.25   | 4.2 | 0.17   | 4.4 | 0.14   | 4.2 | 0.09   | 3.4 | NE  | 42  |
|    | 12 | 0.33   | 3.4 | 0.20   | 3.7 | 0.16   | 3.5 | 0.11   | 2.9 | NE  | 46  |
|    | 14 | 0.29   | 3.7 | 0.21   | 4.2 | 0.18   | 3.9 | 0.12   | 3.1 | NNW | 338 |
|    | 16 | * 0.37 | 2.8 | * 0.29 | 3.6 | * 0.24 | 3.4 | * 0.15 | 2.9 | N   | 11  |
|    | 18 | 0.33   | 4.1 | 0.24   | 3.7 | 0.20   | 3.5 | 0.13   | 2.9 | W   | 269 |
|    | 20 | 0.24   | 5.0 | 0.17   | 4.5 | 0.14   | 4.3 | 0.10   | 3.3 | N   | 11  |
|    | 22 | 0.24   | 4.8 | 0.18   | 4.6 | 0.15   | 4.5 | 0.09   | 3.3 | WNW | 303 |
|    | 最大 |        |     |        |     |        |     |        |     |     |     |
|    | 平均 | 0.37   | 2.8 | 0.29   | 3.6 | 0.24   | 3.4 | 0.15   | 2.9 |     |     |
|    |    | 0.25   | 4.7 | 0.18   | 4.4 | 0.15   | 4.1 | 0.10   | 3.1 |     |     |
| 16 | 00 | 0.24   | 5.3 | 0.16   | 4.7 | 0.13   | 4.2 | 0.09   | 2.9 | NE  | 48  |
|    | 02 | 0.22   | 4.8 | 0.16   | 5.0 | 0.13   | 4.4 | 0.09   | 3.2 | NE  | 53  |
|    | 04 | 0.25   | 5.7 | 0.19   | 5.1 | 0.15   | 4.9 | 0.10   | 3.5 | N   | 8   |
|    | 06 | 0.29   | 4.6 | 0.20   | 4.7 | 0.16   | 4.3 | 0.11   | 3.2 | NE  | 50  |
|    | 08 | 0.28   | 5.2 | 0.22   | 4.5 | 0.18   | 4.2 | 0.12   | 3.3 | WSW | 244 |
|    | 10 | 0.39   | 3.2 | 0.29   | 3.6 | 0.22   | 3.7 | 0.14   | 3.2 | W   | 264 |
|    | 12 | 0.38   | 3.6 | 0.28   | 3.9 | 0.23   | 3.9 | 0.15   | 3.3 | NNE | 12  |
|    | 14 | 0.35   | 4.4 | 0.28   | 4.5 | 0.23   | 4.2 | 0.15   | 3.4 | W   | 267 |
|    | 16 | * 0.42 | 3.9 | 0.27   | 4.7 | 0.22   | 4.3 | 0.14   | 3.5 |     |     |
|    | 18 | 0.41   | 5.3 | * 0.31 | 5.1 | * 0.25 | 5.0 | * 0.16 | 4.0 | NW  | 307 |
|    | 20 | 0.33   | 5.8 | 0.25   | 4.8 | 0.20   | 4.9 | 0.13   | 3.9 | NNW | 327 |
|    | 22 | 0.30   | 4.2 | 0.22   | 5.0 | 0.18   | 4.9 | 0.11   | 3.6 | WNW | 290 |
|    | 最大 |        |     |        |     |        |     |        |     |     |     |
|    | 平均 | 0.42   | 3.9 | 0.31   | 5.1 | 0.25   | 5.0 | 0.16   | 4.0 |     |     |
|    |    | 0.32   | 4.7 | 0.24   | 4.6 | 0.19   | 4.4 | 0.12   | 3.4 |     |     |
| 17 | 00 | 0.30   | 4.7 | 0.22   | 4.7 | 0.18   | 4.6 | 0.12   | 3.4 | NNW | 335 |
|    | 02 | 0.28   | 4.2 | 0.20   | 4.8 | 0.16   | 4.6 | 0.11   | 3.4 | W   | 278 |
|    | 04 | 0.31   | 5.5 | 0.22   | 4.8 | 0.17   | 4.8 | 0.11   | 3.5 | NW  | 323 |
|    | 06 | 0.32   | 3.7 | 0.23   | 4.4 | 0.18   | 4.5 | 0.12   | 3.6 | NW  | 307 |
|    | 08 | 0.24   | 3.2 | 0.19   | 4.5 | 0.15   | 4.4 | 0.10   | 3.2 | NE  | 44  |
|    | 10 | 0.42   | 3.8 | 0.32   | 3.5 | 0.26   | 3.6 | 0.17   | 3.1 | NW  | 317 |
|    | 12 | * 0.78 | 3.7 | * 0.45 | 3.8 | * 0.35 | 3.9 | * 0.23 | 3.5 | NNW | 344 |
|    | 14 | 0.70   | 3.2 | 0.43   | 3.5 | 0.34   | 3.7 | 0.22   | 3.2 | NE  | 38  |
|    | 16 | 0.50   | 3.8 | 0.40   | 3.8 | 0.32   | 3.7 | 0.21   | 3.2 | N   | 9   |
|    | 18 | 0.43   | 4.4 | 0.33   | 3.9 | 0.26   | 3.9 | 0.17   | 3.4 | NNE | 22  |
|    | 20 | 0.43   | 4.7 | 0.30   | 4.6 | 0.24   | 4.5 | 0.16   | 3.6 | NNW | 335 |
|    | 22 | 0.44   | 4.5 | 0.34   | 4.4 | 0.27   | 4.3 | 0.18   | 3.6 | WSW | 258 |
|    | 最大 |        |     |        |     |        |     |        |     |     |     |
|    | 平均 | 0.78   | 3.7 | 0.45   | 3.8 | 0.35   | 3.9 | 0.23   | 3.5 |     |     |
|    |    | 0.43   | 4.1 | 0.30   | 4.2 | 0.24   | 4.2 | 0.16   | 3.4 |     |     |
| 18 | 00 | 0.39   | 4.2 | 0.29   | 4.5 | 0.23   | 4.5 | 0.15   | 3.6 | WNW | 282 |
|    | 02 | 0.36   | 4.0 | 0.26   | 4.0 | 0.21   | 4.3 | 0.14   | 3.6 | WSW | 247 |
|    | 04 | 0.32   | 3.4 | 0.23   | 4.4 | 0.18   | 4.2 | 0.12   | 3.4 | NE  | 51  |
|    | 06 | 0.33   | 3.3 | 0.23   | 4.4 | 0.19   | 4.4 | 0.12   | 3.4 | WSW | 256 |
|    | 08 | 0.28   | 6.2 | 0.23   | 5.3 | 0.19   | 4.8 | 0.12   | 3.3 | WNW | 286 |
|    | 10 | 0.58   | 3.1 | 0.42   | 3.7 | 0.33   | 3.9 | 0.22   | 3.4 | NE  | 37  |
|    | 12 | 0.59   | 3.4 | 0.46   | 4.1 | 0.37   | 4.1 | 0.24   | 3.5 | NNE | 12  |
|    | 14 | 0.79   | 3.7 | 0.54   | 4.4 | 0.43   | 4.2 | 0.28   | 3.5 | W   | 269 |
|    | 16 | 0.83   | 3.5 | 0.56   | 4.7 | 0.47   | 4.6 | 0.30   | 3.7 | NW  | 311 |
|    | 18 | 0.73   | 5.2 | 0.60   | 5.4 | * 0.48 | 5.2 | 0.31   | 4.1 | NW  | 315 |
|    | 20 | * 0.92 | 4.3 | * 0.62 | 4.7 | 0.48   | 4.9 | * 0.32 | 4.3 | WNW | 303 |
|    | 22 | 0.75   | 4.2 | 0.53   | 4.5 | 0.43   | 4.5 | 0.27   | 3.8 | WNW | 286 |
|    | 最大 |        |     |        |     |        |     |        |     |     |     |
|    | 平均 | 0.92   | 4.3 | 0.62   | 4.7 | 0.48   | 5.2 | 0.32   | 4.3 |     |     |
|    |    | 0.57   | 4.0 | 0.41   | 4.5 | 0.33   | 4.5 | 0.22   | 3.6 |     |     |
| 19 | 00 | * 0.64 | 6.5 | * 0.51 | 4.6 | * 0.41 | 4.4 | * 0.26 | 3.8 | NNW | 335 |
|    | 02 | 0.57   | 4.2 | 0.40   | 4.9 | 0.33   | 4.8 | 0.21   | 3.9 | NW  | 319 |
|    | 04 | 0.48   | 3.6 | 0.36   | 4.9 | 0.29   | 5.0 | 0.18   | 3.9 | NW  | 315 |
|    | 06 | 0.50   | 5.4 | 0.36   | 5.6 | 0.28   | 5.2 | 0.18   | 3.9 | WNW | 303 |
|    | 08 | 0.47   | 5.7 | 0.34   | 5.3 | 0.27   | 5.3 | 0.17   | 4.0 | WNW | 295 |
|    | 10 | 0.61   | 7.0 | 0.47   | 6.2 | 0.37   | 5.9 | 0.23   | 4.5 | NW  | 311 |

|    |          |        |     |        |     |        |     |        |     |     |     |
|----|----------|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 12       | 0.48   | 5.6 | 0.40   | 5.3 | 0.33   | 5.1 | 0.21   | 3.8 | NW  | 315 |
|    | 14       | 0.53   | 3.5 | 0.41   | 4.1 | 0.33   | 4.1 | 0.22   | 3.4 | WNW | 283 |
|    | 16       | 0.50   | 2.6 | 0.37   | 4.4 | 0.30   | 4.5 | 0.19   | 3.5 | NW  | 311 |
|    | 18       | 0.51   | 4.2 | 0.36   | 4.8 | 0.28   | 4.6 | 0.18   | 3.7 | WNW | 303 |
|    | 20       | 0.48   | 3.8 | 0.37   | 4.5 | 0.30   | 4.5 | 0.19   | 3.4 | N   | 356 |
|    | 22       | 0.49   | 5.3 | 0.38   | 4.9 | 0.30   | 4.7 | 0.19   | 3.8 | NW  | 311 |
|    | 最大<br>平均 | 0.64   | 6.5 | 0.51   | 4.6 | 0.41   | 4.4 | 0.26   | 3.8 |     |     |
|    |          | 0.52   | 4.8 | 0.39   | 5.0 | 0.32   | 4.8 | 0.20   | 3.8 |     |     |
|    |          |        |     |        |     |        |     |        |     |     |     |
|    | 00       | 0.58   | 4.6 | 0.37   | 5.1 | 0.29   | 5.1 | 0.19   | 3.9 | NW  | 315 |
|    | 02       | 0.45   | 4.8 | 0.32   | 5.2 | 0.25   | 5.1 | 0.16   | 3.8 | NW  | 319 |
|    | 04       | 0.55   | 5.8 | 0.40   | 4.8 | 0.31   | 4.4 | 0.19   | 3.5 | N   | 8   |
|    | 06       | * 1.63 | 4.4 | * 1.25 | 4.1 | * 1.01 | 4.1 | * 0.65 | 3.8 | NNE | 12  |
|    | 08       | 0.97   | 3.8 | 0.74   | 4.3 | 0.60   | 4.3 | 0.38   | 3.9 | NE  | 55  |
|    | 10       | 1.28   | 3.5 | 1.00   | 3.8 | 0.81   | 3.8 | 0.53   | 3.4 | NE  | 48  |
|    |          |        |     |        |     |        |     |        |     |     |     |
|    | 12       | 1.55   | 4.3 | 1.21   | 4.3 | 1.00   | 4.2 | 0.65   | 3.7 | N   | 349 |
|    | 14       | 1.59   | 4.1 | 1.17   | 4.1 | 0.94   | 4.2 | 0.59   | 3.7 | NW  | 310 |
|    | 16       | 1.02   | 4.0 | 0.76   | 4.3 | 0.60   | 4.2 | 0.38   | 3.8 | W   | 259 |
|    | 18       | 0.77   | 4.3 | 0.51   | 4.2 | 0.41   | 4.1 | 0.27   | 3.7 | NE  | 44  |
|    | 20       | 0.48   | 4.2 | 0.35   | 4.2 | 0.29   | 4.1 | 0.19   | 3.5 | NW  | 310 |
|    | 22       | 0.43   | 3.9 | 0.30   | 4.3 | 0.24   | 4.3 | 0.16   | 3.5 |     |     |
|    | 最大<br>平均 | 1.63   | 4.4 | 1.25   | 4.1 | 1.01   | 4.1 | 0.65   | 3.8 |     |     |
|    |          | 0.94   | 4.3 | 0.70   | 4.4 | 0.56   | 4.3 | 0.36   | 3.7 |     |     |
| 21 | 00       | 0.44   | 4.6 | 0.30   | 4.4 | 0.23   | 4.3 | 0.15   | 3.6 | WSW | 257 |
|    | 02       | 0.44   | 4.9 | 0.30   | 4.6 | 0.24   | 4.6 | 0.16   | 3.8 | NNW | 331 |
|    | 04       | 0.40   | 4.1 | 0.29   | 4.3 | 0.24   | 4.4 | 0.15   | 3.6 | W   | 270 |
|    | 06       | 0.38   | 4.1 | 0.31   | 4.2 | 0.25   | 4.3 | 0.17   | 3.7 | N   | 3   |
|    | 08       | 0.45   | 4.0 | 0.27   | 4.3 | 0.21   | 4.4 | 0.13   | 3.4 | N   | 353 |
|    | 10       | 0.39   | 4.4 | 0.30   | 4.4 | 0.24   | 4.3 | 0.15   | 3.4 | W   | 266 |
|    |          |        |     |        |     |        |     |        |     |     |     |
|    | 12       | 0.47   | 3.8 | 0.31   | 4.3 | 0.24   | 4.2 | 0.16   | 3.6 | NNW | 332 |
|    | 14       | 0.34   | 5.3 | 0.29   | 4.7 | 0.24   | 4.5 | 0.15   | 3.6 | NNW | 327 |
|    | 16       | 0.51   | 3.1 | 0.37   | 5.1 | 0.29   | 5.2 | 0.18   | 3.9 | NW  | 323 |
|    | 18       | * 0.51 | 5.6 | * 0.39 | 5.7 | * 0.30 | 5.7 | * 0.19 | 4.4 | NNW | 327 |
|    | 20       | 0.46   | 5.0 | 0.36   | 5.3 | 0.29   | 5.3 | * 0.19 | 4.4 | NNW | 340 |
|    | 22       | 0.51   | 5.0 | 0.38   | 5.3 | 0.30   | 5.1 | 0.19   | 4.2 | NNW | 335 |
|    | 最大<br>平均 | 0.51   | 5.6 | 0.39   | 5.7 | 0.30   | 5.7 | 0.19   | 4.4 |     |     |
|    |          | 0.44   | 4.5 | 0.32   | 4.7 | 0.26   | 4.7 | 0.16   | 3.8 |     |     |
| 22 | 00       | 0.57   | 5.8 | 0.40   | 4.6 | 0.33   | 4.4 | 0.21   | 3.6 | WNW | 299 |
|    | 02       | 0.57   | 5.5 | * 0.45 | 3.9 | * 0.36 | 3.9 | * 0.24 | 3.6 | W   | 272 |
|    | 04       | 0.48   | 3.9 | 0.36   | 4.2 | 0.29   | 4.3 | 0.19   | 3.7 | WSW | 242 |
|    | 06       | 0.47   | 6.2 | 0.37   | 4.9 | 0.30   | 4.7 | 0.19   | 3.6 | NW  | 315 |
|    | 08       | 0.64   | 5.3 | 0.44   | 5.1 | 0.35   | 5.1 | 0.22   | 3.8 | NNW | 327 |
|    | 10       | 0.54   | 5.3 | 0.38   | 5.3 | 0.30   | 5.2 | 0.19   | 4.0 | NNW | 335 |
|    |          |        |     |        |     |        |     |        |     |     |     |
|    | 12       | 0.42   | 5.3 | 0.33   | 5.3 | 0.27   | 5.1 | 0.18   | 4.1 | NW  | 311 |
|    | 14       | * 1.09 | 4.3 | 0.39   | 4.9 | 0.29   | 4.9 | 0.18   | 4.1 | NNW | 331 |
|    | 16       | 0.44   | 4.6 | 0.33   | 5.0 | 0.26   | 5.0 | 0.17   | 4.0 | NNW | 348 |
|    | 18       | 0.38   | 4.9 | 0.27   | 4.8 | 0.21   | 4.8 | 0.14   | 3.7 | N   | 0   |
|    | 20       | 0.39   | 4.5 | 0.27   | 5.0 | 0.22   | 4.9 | 0.14   | 3.7 | WNW | 282 |
|    | 22       | 0.34   | 4.1 | 0.25   | 4.8 | 0.20   | 4.8 | 0.13   | 3.8 | NNW | 348 |
|    | 最大<br>平均 | 1.09   | 4.3 | 0.45   | 3.9 | 0.36   | 3.9 | 0.24   | 3.6 |     |     |
|    |          | 0.53   | 5.0 | 0.35   | 4.8 | 0.28   | 4.8 | 0.18   | 3.8 |     |     |
| 23 | 00       | 0.31   | 4.0 | 0.22   | 4.7 | 0.18   | 4.6 | 0.11   | 3.5 | NW  | 315 |
|    | 02       | 0.25   | 5.1 | 0.19   | 4.9 | 0.16   | 4.7 | 0.11   | 3.6 |     |     |
|    | 04       | 0.26   | 4.4 | 0.19   | 5.2 | 0.15   | 4.7 | 0.10   | 3.3 |     |     |
|    | 06       | 0.24   | 5.4 | 0.17   | 4.6 | 0.15   | 4.5 | 0.10   | 3.3 |     |     |
|    | 08       | 0.26   | 4.9 | 0.20   | 4.3 | 0.16   | 4.2 | 0.11   | 3.2 | N   | 0   |
|    | 10       | 0.34   | 4.3 | 0.20   | 4.1 | 0.17   | 4.0 | 0.11   | 3.1 | W   | 266 |
|    |          |        |     |        |     |        |     |        |     |     |     |
|    | 12       | 0.32   | 3.7 | 0.23   | 4.3 | 0.18   | 4.3 | 0.13   | 3.4 | WNW | 283 |
|    | 14       | 0.43   | 5.4 | 0.28   | 4.4 | 0.22   | 4.4 | 0.15   | 3.7 | WSW | 254 |
|    | 16       | 0.36   | 4.2 | 0.28   | 4.1 | 0.24   | 4.1 | 0.16   | 3.5 | W   | 263 |
|    | 18       | 0.59   | 3.6 | 0.31   | 3.9 | 0.24   | 4.0 | 0.15   | 3.3 | WNW | 298 |
|    | 20       | 0.33   | 3.8 | 0.26   | 3.8 | 0.21   | 3.8 | 0.14   | 3.4 | NNE | 29  |
|    | 22       | * 0.97 | 4.1 | * 0.65 | 4.2 | * 0.52 | 4.3 | * 0.33 | 3.9 | WNW | 294 |
|    | 最大<br>平均 | 0.97   | 4.1 | 0.65   | 4.2 | 0.52   | 4.3 | 0.33   | 3.9 |     |     |
|    |          | 0.39   | 4.4 | 0.27   | 4.4 | 0.22   | 4.3 | 0.14   | 3.4 |     |     |
| 24 | 00       | 2.54   | 5.5 | 1.78   | 5.2 | 1.41   | 5.3 | 0.91   | 4.7 | WNW | 282 |
|    | 02       | * 3.18 | 5.6 | * 2.62 | 5.5 | * 2.05 | 5.5 | * 1.34 | 4.7 | W   | 262 |

|    |      |        |      |        |      |        |      |        |     |     |     |
|----|------|--------|------|--------|------|--------|------|--------|-----|-----|-----|
|    | 04   | 2.91   | 5.6  | 2.20   | 5.6  | 1.76   | 5.5  | 1.10   | 4.6 | W   | 270 |
|    | 06   | 2.85   | 5.4  | 2.03   | 5.2  | 1.69   | 5.1  | 1.07   | 4.3 | W   | 270 |
|    | 08   | 2.27   | 5.3  | 1.80   | 5.3  | 1.44   | 5.4  | 0.92   | 4.4 | W   | 278 |
|    | 10   | 1.79   | 5.5  | 1.51   | 5.0  | 1.25   | 5.2  | 0.81   | 4.3 | W   | 270 |
|    | 12   | 1.19   | 4.1  | 0.87   | 4.5  | 0.70   | 4.7  | 0.45   | 4.0 |     |     |
|    | 14   | 1.25   | 5.7  | 0.86   | 4.8  | 0.69   | 4.9  | 0.45   | 4.2 | NNW | 335 |
|    | 16   | 1.03   | 4.6  | 0.75   | 4.6  | 0.61   | 4.7  | 0.40   | 4.1 | NNW | 340 |
|    | 18   | 0.86   | 5.2  | 0.73   | 4.5  | 0.60   | 4.6  | 0.38   | 3.8 | NNW | 331 |
|    | 20   | 1.06   | 4.7  | 0.70   | 4.6  | 0.58   | 4.6  | 0.37   | 3.9 | NW  | 323 |
|    | 22   | 0.93   | 4.7  | 0.65   | 4.7  | 0.53   | 4.7  | 0.35   | 4.2 | NNW | 331 |
|    | 最大   | 3.18   | 5.6  | 2.62   | 5.5  | 2.05   | 5.5  | 1.34   | 4.7 |     |     |
|    | 平均   | 1.82   | 5.2  | 1.38   | 5.0  | 1.11   | 5.0  | 0.71   | 4.3 |     |     |
| 25 | 00   | 0.74   | 4.5  | 0.61   | 4.6  | 0.51   | 4.7  | 0.34   | 4.3 | NNW | 327 |
|    | 02   | 0.87   | 4.6  | 0.59   | 4.8  | 0.46   | 4.8  | 0.29   | 4.2 | NNW | 327 |
|    | 04   | 0.82   | 4.4  | 0.59   | 4.9  | 0.47   | 5.1  | 0.30   | 4.5 | NNW | 335 |
|    | 06   | 0.81   | 5.2  | 0.55   | 5.2  | 0.42   | 5.3  | 0.27   | 4.6 | NNW | 331 |
|    | 08   | 0.84   | 5.6  | 0.66   | 5.6  | 0.51   | 5.6  | 0.32   | 5.0 | NNW | 331 |
|    | 10   | 0.80   | 5.7  | 0.68   | 5.6  | 0.54   | 5.7  | 0.34   | 5.0 | NNW | 327 |
|    | 12   | 0.72   | 5.8  | 0.62   | 5.7  | 0.50   | 5.6  | 0.31   | 4.6 | NNW | 335 |
|    | 14   | 1.11   | 5.8  | 0.78   | 5.1  | 0.61   | 4.7  | 0.39   | 3.6 | NNW | 331 |
|    | 16   | 0.94   | 4.9  | 0.81   | 4.9  | 0.65   | 4.8  | 0.41   | 4.0 | NNW | 340 |
|    | 18   | * 1.44 | 4.4  | * 0.95 | 5.1  | * 0.74 | 4.9  | * 0.46 | 4.0 | NNW | 327 |
| 20 | 1.14 | 5.1    | 0.85 | 4.3    | 0.67 | 4.4    | 0.43 | 3.8    | N   | 3   |     |
| 22 | 1.07 | 4.3    | 0.67 | 4.9    | 0.54 | 5.0    | 0.35 | 4.0    | NNW | 340 |     |
|    | 最大   | 1.44   | 4.4  | 0.95   | 5.1  | 0.74   | 4.9  | 0.46   | 4.0 |     |     |
|    | 平均   | 0.94   | 5.0  | 0.70   | 5.1  | 0.55   | 5.1  | 0.35   | 4.3 |     |     |
| 26 | 00   | 1.15   | 5.2  | 0.76   | 5.6  | 0.60   | 5.3  | 0.38   | 4.3 | NNW | 340 |
|    | 02   | 1.00   | 6.1  | 0.70   | 5.3  | 0.59   | 5.5  | 0.39   | 4.5 | NNW | 335 |
|    | 04   | 1.08   | 4.6  | 0.76   | 5.6  | 0.61   | 5.4  | 0.39   | 4.2 | NNW | 335 |
|    | 06   | 1.03   | 5.2  | 0.67   | 6.0  | 0.53   | 5.7  | 0.34   | 4.6 | NNW | 340 |
|    | 08   | 1.00   | 5.7  | 0.81   | 5.6  | 0.64   | 5.6  | 0.41   | 4.8 | NNW | 340 |
|    | 10   | 1.07   | 5.7  | 0.79   | 5.6  | 0.63   | 5.3  | 0.40   | 4.6 | NW  | 323 |
|    | 12   | 1.05   | 4.5  | 0.80   | 5.9  | 0.64   | 6.0  | 0.41   | 4.9 |     |     |
|    | 14   | 1.33   | 8.3  | 0.99   | 7.5  | 0.81   | 7.4  | 0.52   | 5.8 | NNW | 348 |
|    | 16   | 1.65   | 7.6  | * 1.21 | 7.7  | * 0.93 | 7.7  | 0.55   | 5.6 | N   | 356 |
|    | 18   | * 1.71 | 7.7  | 1.15   | 7.3  | 0.93   | 7.2  | * 0.59 | 5.4 | N   | 352 |
| 20 | 1.28 | 7.4    | 0.89 | 6.3    | 0.74 | 6.0    | 0.48 | 4.6    | N   | 352 |     |
| 22 | 1.51 | 3.8    | 0.93 | 6.3    | 0.73 | 5.9    | 0.47 | 4.8    | NNW | 340 |     |
|    | 最大   | 1.71   | 7.7  | 1.21   | 7.7  | 0.93   | 7.7  | 0.59   | 5.4 |     |     |
|    | 平均   | 1.24   | 6.0  | 0.87   | 6.2  | 0.70   | 6.1  | 0.44   | 4.8 |     |     |
| 27 | 00   | * 1.12 | 5.1  | 0.77   | 6.0  | * 0.64 | 5.9  | * 0.41 | 4.8 | N   | 352 |
|    | 02   | 0.97   | 5.3  | 0.76   | 5.4  | 0.62   | 5.2  | 0.41   | 4.4 | NNW | 344 |
|    | 04   | 0.85   | 4.8  | 0.64   | 5.8  | 0.53   | 5.8  | 0.35   | 4.7 | NNW | 344 |
|    | 06   | 0.76   | 6.1  | 0.61   | 5.4  | 0.50   | 5.5  | 0.32   | 4.6 | NNW | 344 |
|    | 08   | 0.95   | 5.6  | 0.61   | 6.1  | 0.49   | 5.9  | 0.30   | 4.5 | NNW | 344 |
|    | 10   | 0.97   | 5.2  | 0.75   | 6.3  | 0.59   | 6.0  | 0.36   | 4.3 | N   | 356 |
|    | 12   | 0.97   | 3.8  | * 0.78 | 5.3  | 0.62   | 4.8  | 0.39   | 3.7 | NNW | 335 |
|    | 14   | 0.72   | 4.9  | 0.56   | 4.7  | 0.46   | 4.4  | 0.30   | 3.6 | N   | 352 |
|    | 16   | 0.75   | 4.1  | 0.57   | 3.9  | 0.47   | 3.9  | 0.30   | 3.3 | WSW | 250 |
|    | 18   | 0.80   | 5.2  | 0.59   | 4.5  | 0.48   | 4.5  | 0.31   | 3.7 | N   | 0   |
| 20 | 0.93 | 4.3    | 0.67 | 3.9    | 0.54 | 4.0    | 0.35 | 3.5    | NW  | 316 |     |
| 22 | 1.05 | 3.6    | 0.66 | 3.9    | 0.52 | 3.9    | 0.33 | 3.4    | NNW | 328 |     |
|    | 最大   | 1.12   | 5.1  | 0.78   | 5.3  | 0.64   | 5.9  | 0.41   | 4.8 |     |     |
|    | 平均   | 0.90   | 4.8  | 0.66   | 5.1  | 0.54   | 5.0  | 0.34   | 4.0 |     |     |
| 28 | 00   | 0.94   | 3.2  | 0.63   | 3.9  | 0.50   | 3.7  | 0.33   | 3.2 | N   | 10  |
|    | 02   | 1.13   | 3.4  | 0.73   | 3.6  | 0.57   | 3.6  | 0.36   | 3.2 | NE  | 40  |
|    | 04   | 0.93   | 4.2  | 0.73   | 3.8  | 0.59   | 3.9  | 0.38   | 3.5 | W   | 277 |
|    | 06   | 0.89   | 3.7  | 0.64   | 4.1  | 0.51   | 4.1  | 0.32   | 3.6 | NW  | 311 |
|    | 08   | 1.00   | 4.2  | 0.66   | 4.2  | 0.52   | 4.2  | 0.34   | 3.9 | N   | 355 |
|    | 10   | 1.08   | 4.2  | 0.72   | 4.4  | 0.55   | 4.5  | 0.34   | 3.9 | NW  | 319 |
|    | 12   | 1.06   | 5.6  | 0.88   | 5.6  | 0.73   | 5.5  | * 0.47 | 4.7 | NNW | 340 |
|    | 14   | 1.12   | 5.8  | 0.85   | 5.3  | 0.67   | 5.5  | 0.42   | 4.5 | NNW | 340 |
|    | 16   | * 1.36 | 6.0  | * 0.96 | 5.7  | * 0.73 | 5.6  | 0.46   | 5.1 | NNW | 340 |
|    | 18   | 1.12   | 5.2  | 0.84   | 5.6  | 0.66   | 5.5  | 0.42   | 4.8 | NNW | 331 |
| 20 | 0.89 | 5.5    | 0.69 | 5.1    | 0.55 | 5.2    | 0.36 | 4.6    | N   | 352 |     |
| 22 | 0.83 | 4.5    | 0.65 | 5.3    | 0.51 | 5.4    | 0.34 | 4.8    | NNW | 327 |     |
|    | 最大   | 1.36   | 6.0  | 0.96   | 5.7  | 0.73   | 5.6  | 0.47   | 4.7 |     |     |

|     | 平均 | 1.03   | 4.6 | 0.75   | 4.7 | 0.59   | 4.7 | 0.38   | 4.2 |     |     |
|-----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
| 29  | 00 | 0.91   | 4.9 | 0.59   | 5.4 | 0.48   | 5.3 | 0.31   | 4.7 | NNW | 327 |
|     | 02 | * 1.13 | 5.4 | 0.65   | 5.4 | 0.50   | 5.4 | 0.31   | 4.7 | NW  | 319 |
|     | 04 | 0.76   | 5.9 | 0.59   | 5.8 | 0.51   | 5.8 | 0.33   | 5.0 | NNW | 344 |
|     | 06 | 0.98   | 6.0 | * 0.78 | 6.1 | * 0.63 | 6.1 | * 0.41 | 5.6 | NNW | 331 |
|     | 08 | 1.06   | 6.0 | 0.72   | 6.3 | 0.58   | 6.2 | 0.36   | 5.4 | NNW | 344 |
|     | 10 | 0.94   | 6.5 | 0.69   | 6.1 | 0.55   | 6.3 | 0.33   | 5.1 | NNW | 344 |
|     | 12 | 0.76   | 5.7 | 0.55   | 6.0 | 0.44   | 6.0 | 0.29   | 5.0 | N   | 352 |
|     | 14 | 0.64   | 6.2 | 0.48   | 6.2 | 0.39   | 6.0 | 0.24   | 4.6 | NNW | 340 |
|     | 16 | 0.59   | 5.6 | 0.46   | 6.1 | 0.38   | 6.1 | 0.25   | 4.9 | NNW | 348 |
|     | 18 | 0.53   | 5.7 | 0.38   | 5.8 | 0.30   | 5.8 | 0.19   | 4.5 | N   | 8   |
|     | 20 | 0.52   | 5.6 | 0.37   | 5.7 | 0.28   | 5.7 | 0.17   | 4.4 | N   | 356 |
|     | 22 | 0.38   | 6.0 | 0.33   | 5.8 | 0.27   | 5.8 | 0.17   | 4.7 | NNE | 25  |
|     | 最大 | 1.13   | 5.4 | 0.78   | 6.1 | 0.63   | 6.1 | 0.41   | 5.6 |     |     |
|     | 平均 | 0.77   | 5.8 | 0.55   | 5.9 | 0.44   | 5.9 | 0.28   | 4.9 |     |     |
| 30  | 00 | 0.38   | 5.4 | 0.30   | 5.7 | 0.23   | 5.6 | 0.14   | 4.1 | NNW | 331 |
|     | 02 | 0.70   | 4.9 | 0.47   | 5.0 | 0.39   | 5.1 | 0.24   | 4.4 | NW  | 315 |
|     | 04 | 1.92   | 5.4 | 1.27   | 4.8 | 1.03   | 5.0 | 0.66   | 4.3 | W   | 270 |
|     | 06 | 2.60   | 4.7 | 1.76   | 4.8 | 1.40   | 4.8 | 0.88   | 4.1 | W   | 262 |
|     | 08 | 1.82   | 5.3 | 1.53   | 5.5 | 1.24   | 5.3 | 0.81   | 4.3 | W   | 270 |
|     | 10 | * 3.19 | 6.2 | * 2.52 | 7.3 | * 2.01 | 7.5 | * 1.26 | 5.6 | NW  | 315 |
|     | 12 | 2.58   | 6.4 | 1.97   | 7.2 | 1.62   | 7.1 | 1.03   | 5.7 | NW  | 307 |
|     | 14 | 2.16   | 7.3 | 1.39   | 7.8 | 1.10   | 7.2 | 0.72   | 5.8 | NW  | 307 |
|     | 16 | 1.24   | 6.2 | 0.99   | 7.1 | 0.79   | 7.0 | 0.47   | 5.4 | WNW | 303 |
|     | 18 | 1.06   | 6.8 | 0.83   | 7.2 | 0.66   | 7.1 | 0.42   | 5.4 | NW  | 315 |
|     | 20 | 0.98   | 7.7 | 0.79   | 6.7 | 0.62   | 6.5 | 0.41   | 5.5 | NW  | 315 |
|     | 22 | 0.85   | 6.0 | 0.73   | 7.1 | 0.59   | 7.1 | 0.38   | 5.8 | NW  | 319 |
|     | 最大 | 3.19   | 6.2 | 2.52   | 7.3 | 2.01   | 7.5 | 1.26   | 5.6 |     |     |
|     | 平均 | 1.62   | 6.0 | 1.21   | 6.4 | 0.97   | 6.3 | 0.62   | 5.0 |     |     |
| 31  | 00 | 1.01   | 7.0 | 0.81   | 6.8 | 0.66   | 6.6 | 0.42   | 5.6 | NW  | 315 |
|     | 02 | 0.94   | 5.5 | 0.79   | 6.4 | 0.67   | 6.4 | 0.44   | 5.6 | NW  | 323 |
|     | 04 | 1.17   | 6.8 | 0.90   | 6.2 | 0.72   | 6.6 | 0.48   | 5.8 | NNW | 331 |
|     | 06 | 1.39   | 6.7 | 1.06   | 6.8 | 0.86   | 6.9 | 0.56   | 6.0 | NNW | 335 |
|     | 08 | 1.40   | 7.3 | 1.18   | 7.2 | 0.95   | 7.2 | 0.61   | 6.2 | NNW | 335 |
|     | 10 | 1.26   | 7.3 | 1.02   | 7.3 | 0.81   | 7.4 | 0.51   | 6.2 | NNW | 340 |
|     | 12 | 0.95   | 8.1 | 0.84   | 7.5 | 0.66   | 7.5 | 0.42   | 6.0 | NNW | 335 |
|     | 14 | 0.79   | 7.2 | 0.59   | 7.3 | 0.49   | 7.1 | 0.30   | 5.4 | NW  | 315 |
|     | 16 | 0.67   | 6.9 | 0.56   | 6.3 | 0.46   | 5.6 | 0.30   | 4.1 | NW  | 323 |
|     | 18 | 1.59   | 4.6 | 0.98   | 4.5 | 0.79   | 4.5 | 0.51   | 4.0 | NW  | 311 |
|     | 20 | 2.25   | 5.5 | * 1.82 | 5.1 | * 1.47 | 5.0 | * 0.95 | 4.2 | NW  | 315 |
|     | 22 | * 2.43 | 5.1 | 1.57   | 5.1 | 1.22   | 5.1 | 0.78   | 4.4 | NW  | 323 |
|     | 最大 | 2.43   | 5.1 | 1.82   | 5.1 | 1.47   | 5.0 | 0.95   | 4.2 |     |     |
|     | 平均 | 1.32   | 6.5 | 1.01   | 6.4 | 0.81   | 6.3 | 0.52   | 5.3 |     |     |
|     |    |        |     |        |     |        |     |        |     |     |     |
| 月最大 |    | 3.19   | 6.2 | 2.62   | 5.5 | 2.05   | 5.5 | 1.34   | 4.7 |     |     |
| 起時  |    | 3010   |     | 2402   |     | 2402   |     | 2402   |     |     |     |
| 平均  |    | 0.71   | 4.7 | 0.51   | 4.7 | 0.41   | 4.7 | 0.26   | 3.8 |     |     |

\* は日最大波高を示す



波浪整理表（1）

| 波高   |       | 波向   |       |
|------|-------|------|-------|
| 規定回数 | 360 回 | 規定回数 | 360 回 |
| 測得回数 | 360 回 | 測得回数 | 352 回 |
| 欠測回数 | 0 回   | 欠測回数 | 8 回   |
| 欠測率  | 0.0 % | 欠測率  | 2.2 % |

観測所名：直江津港(直轄) | 機種：波高 海象計 -32m 波向 海象計 -32m

| 日  | 時  | H max  | T max | H 1/10 | T 1/10 | H 1/3  | T 1/3 | H mean | T mean | 波向   |     |
|----|----|--------|-------|--------|--------|--------|-------|--------|--------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)    | (m)    | (s)   | (m)    | (s)    | 16方位 | 角度  |
| 01 | 00 | * 2.71 | 5.8   | * 2.07 | 5.0    | * 1.62 | 5.1   | * 1.03 | 4.3    | W    | 266 |
|    | 02 | 2.43   | 4.5   | 1.69   | 5.3    | 1.33   | 5.0   | 0.82   | 4.1    | W    | 278 |
|    | 04 | 1.74   | 5.7   | 1.46   | 4.7    | 1.20   | 4.7   | 0.76   | 4.0    | W    | 270 |
|    | 06 | 1.80   | 4.0   | 1.33   | 4.5    | 1.02   | 4.3   | 0.63   | 3.6    | WSW  | 258 |
|    | 08 | 1.41   | 4.4   | 1.04   | 4.8    | 0.83   | 4.8   | 0.54   | 4.2    | NW   | 323 |
|    | 10 | 1.51   | 4.6   | 1.02   | 5.2    | 0.82   | 5.0   | 0.53   | 4.2    | NW   | 311 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 12 | 1.23   | 4.5   | 0.96   | 5.4    | 0.76   | 5.2   | 0.47   | 4.1    | NW   | 319 |
|    | 14 | 1.24   | 5.4   | 0.94   | 5.4    | 0.77   | 5.4   | 0.50   | 4.5    | NW   | 315 |
|    | 16 | 1.21   | 5.1   | 0.87   | 5.4    | 0.67   | 5.2   | 0.43   | 4.2    | NNW  | 331 |
|    | 18 | 0.93   | 5.2   | 0.76   | 5.7    | 0.62   | 5.6   | 0.41   | 4.8    | NNW  | 340 |
|    | 20 | 1.07   | 6.5   | 0.83   | 6.2    | 0.65   | 6.2   | 0.43   | 5.1    | NNW  | 331 |
|    | 22 | 1.19   | 6.4   | 0.99   | 7.1    | 0.80   | 7.0   | 0.52   | 5.6    | NNW  | 348 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 最大 | 2.71   | 5.8   | 2.07   | 5.0    | 1.62   | 5.1   | 1.03   | 4.3    |      |     |
|    | 平均 | 1.54   | 5.2   | 1.16   | 5.4    | 0.92   | 5.3   | 0.59   | 4.4    |      |     |
| 02 | 00 | 1.14   | 7.5   | 0.86   | 7.7    | 0.72   | 7.2   | 0.48   | 5.9    | NNW  | 348 |
|    | 02 | 1.04   | 7.8   | 0.79   | 7.5    | 0.64   | 7.3   | 0.40   | 5.9    | NNW  | 331 |
|    | 04 | 1.19   | 6.6   | 0.79   | 6.7    | 0.64   | 6.9   | 0.42   | 6.1    | NNW  | 340 |
|    | 06 | 0.97   | 5.8   | 0.74   | 6.6    | 0.60   | 6.6   | 0.39   | 5.7    | NNW  | 335 |
|    | 08 | 0.78   | 6.3   | 0.62   | 6.5    | 0.52   | 6.4   | 0.32   | 5.2    | NW   | 319 |
|    | 10 | 0.99   | 8.6   | 0.84   | 7.0    | 0.66   | 6.2   | 0.41   | 4.8    | NNW  | 344 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 12 | 1.29   | 4.4   | 1.12   | 5.0    | 0.89   | 4.8   | 0.59   | 3.9    | NNW  | 344 |
|    | 14 | * 1.44 | 6.9   | * 1.14 | 5.6    | * 0.95 | 5.5   | * 0.63 | 4.6    | NNW  | 344 |
|    | 16 | 1.12   | 5.6   | 0.91   | 5.3    | 0.73   | 5.4   | 0.46   | 4.5    | NNE  | 29  |
|    | 18 | 1.17   | 5.2   | 0.76   | 5.5    | 0.61   | 5.8   | 0.38   | 4.8    | NNW  | 331 |
|    | 20 | 0.95   | 6.0   | 0.72   | 6.1    | 0.57   | 5.9   | 0.37   | 5.0    | NNW  | 344 |
|    | 22 | 0.61   | 5.3   | 0.53   | 6.0    | 0.43   | 5.9   | 0.29   | 4.9    | NNW  | 340 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 最大 | 1.44   | 6.9   | 1.14   | 5.6    | 0.95   | 5.5   | 0.63   | 4.6    |      |     |
|    | 平均 | 1.06   | 6.3   | 0.82   | 6.3    | 0.66   | 6.2   | 0.43   | 5.1    |      |     |
| 03 | 00 | 0.67   | 5.2   | 0.55   | 5.7    | 0.44   | 5.7   | 0.27   | 4.6    | NNW  | 340 |
|    | 02 | 0.62   | 6.4   | 0.48   | 5.5    | 0.38   | 5.3   | 0.24   | 4.2    | N    | 352 |
|    | 04 | 0.81   | 4.4   | 0.48   | 4.8    | 0.39   | 5.1   | 0.25   | 3.9    | NNW  | 348 |
|    | 06 | 0.56   | 4.6   | 0.45   | 5.2    | 0.36   | 5.1   | 0.23   | 3.7    | NNW  | 344 |
|    | 08 | 0.62   | 5.6   | 0.50   | 5.1    | 0.40   | 4.9   | 0.26   | 3.8    | NNW  | 344 |
|    | 10 | 0.71   | 5.8   | 0.53   | 5.3    | 0.43   | 5.4   | 0.27   | 4.2    | NNW  | 344 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 12 | 1.26   | 3.0   | 0.89   | 4.4    | 0.70   | 4.3   | 0.45   | 3.6    | NNW  | 339 |
|    | 14 | 1.14   | 4.1   | 0.97   | 4.3    | 0.78   | 4.2   | 0.49   | 3.7    | NE   | 40  |
|    | 16 | 1.50   | 4.4   | 0.96   | 4.0    | 0.79   | 4.1   | 0.51   | 3.6    | WNW  | 287 |
|    | 18 | * 1.95 | 4.0   | * 1.30 | 4.2    | * 0.99 | 4.2   | * 0.62 | 3.9    | N    | 9   |
|    | 20 | 1.27   | 4.1   | 0.99   | 4.0    | 0.79   | 4.1   | 0.51   | 3.6    | NNE  | 21  |
|    | 22 | 1.10   | 3.9   | 0.84   | 4.2    | 0.66   | 4.4   | 0.42   | 3.9    | NNE  | 30  |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 最大 | 1.95   | 4.0   | 1.30   | 4.2    | 0.99   | 4.2   | 0.62   | 3.9    |      |     |
|    | 平均 | 1.02   | 4.6   | 0.75   | 4.7    | 0.59   | 4.7   | 0.38   | 3.9    |      |     |
| 04 | 00 | 1.25   | 4.1   | 0.85   | 4.7    | 0.68   | 4.6   | 0.44   | 4.1    | NNE  | 25  |
|    | 02 | 1.41   | 5.4   | 1.11   | 5.1    | 0.85   | 5.1   | 0.53   | 4.4    | NNE  | 29  |
|    | 04 | 1.31   | 5.1   | 0.97   | 5.1    | 0.76   | 5.3   | 0.49   | 4.5    | NNE  | 16  |
|    | 06 | 1.32   | 5.3   | 0.87   | 5.2    | 0.69   | 5.4   | 0.45   | 4.7    | NNE  | 29  |
|    | 08 | 1.09   | 5.0   | 0.75   | 5.4    | 0.61   | 5.4   | 0.40   | 4.7    | NNE  | 16  |
|    | 10 | 0.76   | 5.3   | 0.58   | 5.5    | 0.47   | 5.6   | 0.31   | 4.7    |      |     |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 12 | 0.69   | 5.6   | 0.56   | 5.3    | 0.45   | 5.4   | 0.29   | 4.6    |      |     |
|    | 14 | 0.80   | 5.3   | 0.64   | 5.4    | 0.51   | 5.5   | 0.32   | 4.6    | NE   | 41  |
|    | 16 | 2.08   | 6.3   | 1.60   | 6.2    | 1.26   | 6.3   | 0.79   | 5.9    | NNW  | 348 |
|    | 18 | 2.14   | 4.8   | 1.53   | 4.7    | 1.24   | 4.8   | 0.81   | 4.2    | NNW  | 348 |
|    | 20 | * 3.57 | 5.4   | * 2.69 | 5.6    | * 2.12 | 5.7   | * 1.31 | 5.0    | NNW  | 344 |
|    | 22 | 1.96   | 5.5   | 1.62   | 5.6    | 1.34   | 5.8   | 0.88   | 4.8    | N    | 352 |
|    |    |        |       |        |        |        |       |        |        |      |     |
|    | 最大 | 3.57   | 5.4   | 2.69   | 5.6    | 2.12   | 5.7   | 1.31   | 5.0    |      |     |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 平均 | 1.53   | 5.3 | 1.15   | 5.3 | 0.92   | 5.4 | 0.59   | 4.7 |     |     |
| 05 | 00 | 1.46   | 5.7 | 1.11   | 5.7 | 0.90   | 5.8 | 0.59   | 4.7 | NNW | 348 |
|    | 02 | * 1.86 | 4.5 | 1.31   | 5.2 | 1.02   | 5.2 | 0.66   | 4.4 | N   | 352 |
|    | 04 | 1.35   | 4.5 | 1.09   | 5.0 | 0.87   | 5.0 | 0.54   | 4.3 | N   | 8   |
|    | 06 | 1.30   | 5.4 | 1.02   | 5.8 | 0.83   | 5.5 | 0.55   | 4.5 | NNE | 33  |
|    | 08 | 1.07   | 6.0 | 0.83   | 5.6 | 0.70   | 5.3 | 0.45   | 4.3 | NNE | 25  |
|    | 10 | 1.00   | 4.6 | 0.68   | 5.0 | 0.55   | 5.1 | 0.35   | 4.1 | NNE | 29  |
|    | 12 | 0.75   | 5.0 | 0.62   | 5.0 | 0.50   | 4.8 | 0.32   | 4.2 | NNE | 29  |
|    | 14 | 0.97   | 5.2 | 0.68   | 5.5 | 0.54   | 5.2 | 0.35   | 4.3 | NNE | 16  |
|    | 16 | 0.83   | 3.7 | 0.64   | 5.6 | 0.51   | 5.1 | 0.32   | 4.0 | N   | 356 |
|    | 18 | 1.17   | 7.1 | 0.82   | 5.9 | 0.64   | 5.4 | 0.41   | 4.2 | NNW | 327 |
|    | 20 | 1.59   | 3.9 | 1.31   | 4.4 | 1.03   | 4.4 | 0.66   | 3.9 | NNE | 28  |
|    | 22 | 1.51   | 4.4 | * 1.32 | 5.5 | * 1.05 | 5.3 | * 0.68 | 4.4 | NW  | 319 |
|    | 最大 | 1.86   | 4.5 | 1.32   | 5.5 | 1.05   | 5.3 | 0.68   | 4.4 |     |     |
|    | 平均 | 1.24   | 5.0 | 0.95   | 5.4 | 0.76   | 5.2 | 0.49   | 4.3 |     |     |
| 06 | 00 | * 2.08 | 5.0 | * 1.37 | 5.6 | * 1.06 | 5.7 | * 0.65 | 4.6 | NNW | 335 |
|    | 02 | 1.79   | 5.4 | 1.27   | 6.2 | 0.99   | 6.2 | 0.62   | 5.1 | NNW | 344 |
|    | 04 | 1.35   | 4.5 | 1.05   | 6.2 | 0.86   | 6.1 | 0.56   | 5.0 | NNW | 344 |
|    | 06 | 1.50   | 6.8 | 1.07   | 6.5 | 0.85   | 6.5 | 0.55   | 5.4 | NNW | 348 |
|    | 08 | 1.38   | 3.9 | 0.93   | 5.7 | 0.75   | 5.9 | 0.48   | 4.7 | NNW | 331 |
|    | 10 | 1.11   | 4.8 | 0.83   | 5.5 | 0.68   | 5.5 | 0.43   | 4.4 | NNW | 344 |
|    | 12 | 1.04   | 5.4 | 0.71   | 5.4 | 0.58   | 5.1 | 0.38   | 4.1 | NNW | 340 |
|    | 14 | 0.90   | 6.0 | 0.72   | 6.3 | 0.59   | 6.1 | 0.37   | 4.4 | N   | 4   |
|    | 16 | 1.03   | 6.9 | 0.76   | 7.4 | 0.60   | 6.6 | 0.39   | 4.8 | N   | 356 |
|    | 18 | 1.19   | 5.0 | 0.80   | 6.6 | 0.63   | 5.8 | 0.40   | 4.3 | NNW | 348 |
|    | 20 | 1.07   | 7.5 | 0.86   | 5.4 | 0.70   | 4.9 | 0.46   | 4.0 | N   | 356 |
|    | 22 | 1.13   | 3.9 | 0.82   | 4.9 | 0.67   | 5.0 | 0.42   | 4.0 |     |     |
|    | 最大 | 2.08   | 5.0 | 1.37   | 5.6 | 1.06   | 5.7 | 0.65   | 4.6 |     |     |
|    | 平均 | 1.30   | 5.4 | 0.93   | 6.0 | 0.75   | 5.8 | 0.48   | 4.6 |     |     |
| 07 | 00 | * 1.24 | 5.7 | * 0.81 | 6.2 | * 0.66 | 5.7 | 0.42   | 4.5 | NNW | 340 |
|    | 02 | 1.03   | 8.3 | 0.76   | 6.6 | 0.64   | 6.1 | * 0.42 | 4.9 | NNW | 335 |
|    | 04 | 1.07   | 4.2 | 0.80   | 6.3 | 0.63   | 6.2 | 0.41   | 4.9 | NNW | 344 |
|    | 06 | 0.91   | 8.0 | 0.75   | 6.0 | 0.61   | 5.8 | 0.39   | 4.8 | NNW | 340 |
|    | 08 | 0.86   | 6.8 | 0.60   | 5.7 | 0.49   | 6.0 | 0.32   | 4.9 | NW  | 323 |
|    | 10 | 0.73   | 6.1 | 0.62   | 6.2 | 0.50   | 5.8 | 0.31   | 4.6 | NNW | 348 |
|    | 12 | 0.76   | 6.0 | 0.61   | 5.6 | 0.51   | 5.5 | 0.33   | 4.3 | NNW | 331 |
|    | 14 | 1.04   | 6.1 | 0.71   | 5.5 | 0.56   | 5.2 | 0.35   | 3.9 | NNE | 29  |
|    | 16 | 0.86   | 6.1 | 0.60   | 5.5 | 0.50   | 5.3 | 0.32   | 4.2 | NNE | 12  |
|    | 18 | 0.92   | 6.7 | 0.65   | 5.5 | 0.52   | 5.3 | 0.33   | 4.0 | NNW | 331 |
|    | 20 | 1.09   | 3.4 | 0.75   | 4.3 | 0.59   | 4.5 | 0.38   | 4.1 | NNW | 327 |
|    | 22 | 0.98   | 3.9 | 0.70   | 4.4 | 0.57   | 4.4 | 0.38   | 3.9 | WSW | 250 |
|    | 最大 | 1.24   | 5.7 | 0.81   | 6.2 | 0.66   | 5.7 | 0.42   | 4.9 |     |     |
|    | 平均 | 0.96   | 5.9 | 0.70   | 5.7 | 0.57   | 5.5 | 0.36   | 4.4 |     |     |
| 08 | 00 | * 1.09 | 3.7 | * 0.79 | 4.5 | * 0.62 | 4.5 | * 0.40 | 3.9 |     |     |
|    | 02 | 1.04   | 4.5 | 0.69   | 4.5 | 0.53   | 4.4 | 0.34   | 3.7 | WSW | 249 |
|    | 04 | 0.73   | 3.6 | 0.58   | 4.6 | 0.47   | 4.6 | 0.31   | 3.9 | N   | 356 |
|    | 06 | 0.86   | 4.4 | 0.67   | 4.5 | 0.53   | 4.4 | 0.34   | 4.0 | NE  | 37  |
|    | 08 | 0.81   | 3.9 | 0.63   | 4.5 | 0.52   | 4.4 | 0.34   | 4.2 | NE  | 42  |
|    | 10 | 0.78   | 4.0 | 0.58   | 4.3 | 0.45   | 4.4 | 0.29   | 4.0 | NNE | 27  |
|    | 12 | 0.62   | 4.0 | 0.50   | 4.5 | 0.38   | 4.5 | 0.24   | 3.9 | N   | 0   |
|    | 14 | 0.81   | 4.8 | 0.56   | 4.4 | 0.45   | 4.5 | 0.29   | 4.2 | N   | 0   |
|    | 16 | 0.70   | 3.7 | 0.46   | 4.3 | 0.38   | 4.4 | 0.24   | 3.7 | WSW | 258 |
|    | 18 | 0.80   | 3.1 | 0.60   | 3.5 | 0.48   | 3.5 | 0.32   | 3.3 | NW  | 314 |
|    | 20 | 0.64   | 4.0 | 0.44   | 3.8 | 0.35   | 3.7 | 0.23   | 3.2 | N   | 0   |
|    | 22 | 0.48   | 3.3 | 0.34   | 3.8 | 0.28   | 3.9 | 0.18   | 3.2 | NNE | 33  |
|    | 最大 | 1.09   | 3.7 | 0.79   | 4.5 | 0.62   | 4.5 | 0.40   | 3.9 |     |     |
|    | 平均 | 0.78   | 3.9 | 0.57   | 4.3 | 0.45   | 4.3 | 0.29   | 3.8 |     |     |
| 09 | 00 | 0.47   | 3.9 | 0.33   | 4.3 | 0.26   | 4.2 | 0.17   | 3.4 | W   | 261 |
|    | 02 | 0.33   | 4.4 | 0.26   | 4.6 | 0.22   | 4.4 | 0.15   | 3.6 | NE  | 36  |
|    | 04 | 0.41   | 5.2 | 0.28   | 4.8 | 0.23   | 4.8 | 0.14   | 3.7 | N   | 356 |
|    | 06 | 0.32   | 4.3 | 0.26   | 4.5 | 0.21   | 4.3 | 0.13   | 3.5 | NE  | 49  |
|    | 08 | 0.45   | 3.7 | 0.26   | 4.3 | 0.20   | 4.5 | 0.13   | 3.5 | NNE | 25  |
|    | 10 | 0.33   | 3.0 | 0.24   | 4.3 | 0.19   | 4.3 | 0.12   | 3.4 | NE  | 53  |
|    | 12 | 0.57   | 2.3 | 0.35   | 3.4 | 0.28   | 3.6 | 0.18   | 2.9 | NNW | 337 |
|    | 14 | 0.52   | 3.2 | 0.42   | 3.0 | 0.33   | 3.0 | 0.21   | 2.8 | WSW | 251 |
|    | 16 | 0.72   | 3.3 | 0.53   | 2.9 | 0.42   | 2.9 | 0.27   | 2.8 | WSW | 250 |
|    | 18 | * 0.80 | 2.7 | * 0.63 | 3.2 | * 0.49 | 3.3 | * 0.31 | 3.0 | NW  | 314 |
|    | 20 | 0.71   | 3.7 | 0.51   | 3.6 | 0.41   | 3.6 | 0.27   | 3.2 | NE  | 35  |
|    | 22 | 0.63   | 3.4 | 0.45   | 3.7 | 0.36   | 3.7 | 0.23   | 3.4 | NW  | 320 |

|    |          |              |            |              |            |              |            |              |            |     |     |
|----|----------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|-----|-----|
|    | 最大<br>平均 | 0.80<br>0.52 | 2.7<br>3.6 | 0.63<br>0.38 | 3.2<br>3.9 | 0.49<br>0.30 | 3.3<br>3.9 | 0.31<br>0.19 | 3.0<br>3.3 |     |     |
| 10 | 00       | * 0.67       | 3.8        | * 0.41       | 3.8        | * 0.33       | 3.8        | * 0.21       | 3.4        | N   | 11  |
|    | 02       | 0.43         | 3.4        | 0.33         | 3.7        | 0.26         | 3.7        | 0.17         | 3.3        | NE  | 51  |
|    | 04       | 0.46         | 3.7        | 0.32         | 3.6        | 0.26         | 3.6        | 0.17         | 3.3        | NNE | 19  |
|    | 06       | 0.43         | 3.5        | 0.30         | 3.5        | 0.23         | 3.5        | 0.15         | 3.2        | N   | 4   |
|    | 08       | 0.47         | 3.1        | 0.30         | 3.5        | 0.24         | 3.5        | 0.16         | 3.2        | W   | 261 |
|    | 10       | 0.46         | 4.3        | 0.30         | 3.5        | 0.23         | 3.6        | 0.14         | 3.1        | NNE | 14  |
|    | 12       | 0.33         | 2.3        | 0.25         | 3.6        | 0.20         | 3.4        | 0.13         | 2.8        | NE  | 35  |
|    | 14       | 0.46         | 2.6        | 0.33         | 2.9        | 0.25         | 2.9        | 0.16         | 2.7        | NW  | 308 |
|    | 16       | 0.34         | 2.7        | 0.27         | 3.3        | 0.22         | 3.3        | 0.14         | 2.8        | WSW | 255 |
|    | 18       | 0.26         | 2.8        | 0.21         | 3.5        | 0.17         | 3.5        | 0.11         | 2.7        | NNE | 18  |
|    | 20       | 0.37         | 3.1        | 0.25         | 3.3        | 0.20         | 3.2        | 0.13         | 2.8        | W   | 267 |
|    | 22       | 0.50         | 3.5        | 0.31         | 3.5        | 0.25         | 3.6        | 0.16         | 3.1        | WNW | 294 |
|    | 最大<br>平均 | 0.67<br>0.43 | 3.8<br>3.2 | 0.41<br>0.30 | 3.8<br>3.5 | 0.33<br>0.24 | 3.8<br>3.5 | 0.21<br>0.15 | 3.4<br>3.0 |     |     |
| 11 | 00       | * 0.47       | 3.4        | * 0.36       | 3.6        | * 0.30       | 3.6        | * 0.19       | 3.3        | NE  | 52  |
|    | 02       | 0.46         | 3.5        | 0.30         | 3.6        | 0.24         | 3.6        | 0.15         | 3.1        | NW  | 322 |
|    | 04       | 0.39         | 3.1        | 0.29         | 3.6        | 0.23         | 3.6        | 0.15         | 3.2        | N   | 356 |
|    | 06       | 0.33         | 3.6        | 0.24         | 3.5        | 0.19         | 3.5        | 0.12         | 2.9        | NNE | 28  |
|    | 08       | 0.35         | 4.0        | 0.25         | 3.6        | 0.20         | 3.6        | 0.13         | 3.1        | NE  | 50  |
|    | 10       | 0.34         | 3.4        | 0.24         | 3.4        | 0.19         | 3.4        | 0.13         | 3.1        | NNE | 27  |
|    | 12       | 0.29         | 2.9        | 0.21         | 3.4        | 0.17         | 3.4        | 0.11         | 2.9        | N   | 5   |
|    | 14       | 0.32         | 4.4        | 0.22         | 3.8        | 0.18         | 3.7        | 0.12         | 3.1        | WNW | 282 |
|    | 16       | 0.22         | 3.6        | 0.18         | 3.5        | 0.15         | 3.5        | 0.10         | 2.9        | NE  | 52  |
|    | 18       | 0.30         | 2.8        | 0.22         | 3.1        | 0.18         | 3.3        | 0.12         | 2.8        | WSW | 246 |
|    | 20       | 0.25         | 3.4        | 0.17         | 3.6        | 0.13         | 3.7        | 0.08         | 2.9        | WSW | 241 |
|    | 22       | 0.22         | 3.3        | 0.16         | 4.2        | 0.13         | 4.0        | 0.08         | 3.1        | NNE | 18  |
|    | 最大<br>平均 | 0.47<br>0.33 | 3.4<br>3.5 | 0.36<br>0.24 | 3.6<br>3.6 | 0.30<br>0.19 | 3.6<br>3.6 | 0.19<br>0.12 | 3.3<br>3.0 |     |     |
| 12 | 00       | 0.25         | 3.0        | 0.17         | 3.6        | 0.13         | 3.5        | 0.09         | 2.9        | W   | 270 |
|    | 02       | 0.22         | 3.2        | 0.16         | 3.7        | 0.13         | 3.6        | 0.08         | 2.9        | NE  | 53  |
|    | 04       | 0.20         | 3.2        | 0.15         | 3.9        | 0.12         | 3.7        | 0.08         | 2.8        | W   | 280 |
|    | 06       | 0.44         | 3.9        | 0.23         | 4.4        | 0.16         | 4.1        | 0.10         | 3.2        | W   | 271 |
|    | 08       | 0.19         | 3.3        | 0.14         | 3.6        | 0.11         | 3.4        | 0.08         | 2.6        | N   | 349 |
|    | 10       | 0.59         | 2.6        | 0.36         | 2.6        | 0.28         | 2.7        | 0.18         | 2.5        | N   | 352 |
|    | 12       | 0.45         | 3.5        | 0.33         | 3.3        | 0.26         | 3.5        | 0.17         | 2.9        | NNW | 339 |
|    | 14       | * 0.79       | 3.1        | * 0.54       | 3.8        | * 0.44       | 3.8        | * 0.28       | 3.3        | N   | 355 |
|    | 16       | 0.70         | 3.3        | 0.51         | 3.7        | 0.42         | 3.9        | 0.27         | 3.4        | NE  | 45  |
|    | 18       | 0.66         | 3.5        | 0.45         | 3.9        | 0.36         | 3.8        | 0.23         | 3.4        | WSW | 257 |
|    | 20       | 0.53         | 3.2        | 0.36         | 3.9        | 0.29         | 3.9        | 0.19         | 3.3        | WSW | 253 |
|    | 22       | 0.38         | 4.2        | 0.29         | 4.2        | 0.24         | 4.2        | 0.16         | 3.5        | NE  | 42  |
|    | 最大<br>平均 | 0.79<br>0.45 | 3.1<br>3.3 | 0.54<br>0.31 | 3.8<br>3.7 | 0.44<br>0.25 | 3.8<br>3.7 | 0.28<br>0.16 | 3.3<br>3.1 |     |     |
| 13 | 00       | 0.33         | 4.5        | 0.25         | 4.1        | * 0.21       | 4.2        | 0.14         | 3.6        | W   | 273 |
|    | 02       | 0.34         | 3.8        | * 0.26       | 4.0        | 0.21         | 4.1        | * 0.14       | 3.7        | NE  | 35  |
|    | 04       | 0.31         | 3.6        | 0.21         | 4.0        | 0.16         | 3.9        | 0.11         | 3.2        | NE  | 55  |
|    | 06       | 0.24         | 4.0        | 0.20         | 3.9        | 0.16         | 3.8        | 0.11         | 3.2        | NNE | 15  |
|    | 08       | 0.23         | 4.2        | 0.17         | 3.9        | 0.14         | 3.9        | 0.10         | 3.1        | NE  | 56  |
|    | 10       | 0.30         | 4.4        | 0.21         | 4.1        | 0.17         | 4.1        | 0.11         | 3.6        | NE  | 38  |
|    | 12       | * 0.35       | 4.2        | 0.22         | 3.9        | 0.17         | 3.9        | 0.11         | 3.2        | N   | 10  |
|    | 14       | 0.26         | 3.3        | 0.19         | 3.7        | 0.16         | 3.7        | 0.11         | 3.1        | WNW | 286 |
|    | 16       | 0.28         | 3.8        | 0.18         | 3.8        | 0.15         | 3.8        | 0.09         | 2.9        | NE  | 51  |
|    | 18       | 0.23         | 3.7        | 0.15         | 4.0        | 0.13         | 3.8        | 0.09         | 3.1        | N   | 2   |
|    | 20       | 0.22         | 3.9        | 0.15         | 4.3        | 0.12         | 4.0        | 0.08         | 2.9        | NW  | 304 |
|    | 22       | 0.24         | 4.6        | 0.16         | 4.6        | 0.13         | 4.1        | 0.08         | 3.1        | WNW | 282 |
|    | 最大<br>平均 | 0.35<br>0.28 | 4.2<br>4.0 | 0.26<br>0.20 | 4.0<br>4.0 | 0.21<br>0.16 | 4.2<br>3.9 | 0.14<br>0.11 | 3.7<br>3.2 |     |     |
| 14 | 00       | 0.18         | 4.7        | 0.13         | 4.4        | 0.11         | 4.2        | 0.07         | 3.0        | N   | 9   |
|    | 02       | 0.19         | 3.6        | 0.15         | 4.2        | 0.12         | 4.1        | 0.08         | 3.1        | WNW | 301 |
|    | 04       | 0.17         | 5.5        | 0.12         | 3.6        | 0.10         | 3.6        | 0.07         | 2.8        | W   | 279 |
|    | 06       | 0.20         | 3.9        | 0.14         | 3.6        | 0.11         | 3.4        | 0.08         | 2.7        | NNE | 16  |
|    | 08       | 0.26         | 2.6        | 0.15         | 3.9        | 0.12         | 3.9        | 0.08         | 2.9        | NE  | 50  |
|    | 10       | 0.22         | 2.8        | 0.16         | 3.3        | 0.11         | 3.7        | 0.07         | 3.1        |     |     |
|    | 12       | 0.18         | 5.8        | 0.13         | 3.9        | 0.11         | 3.6        | 0.08         | 2.7        | NNW | 339 |
|    | 14       | * 0.55       | 2.5        | * 0.29       | 2.6        | * 0.22       | 2.7        | 0.14         | 2.5        | NNE | 20  |

|    |        |        |        |        |        |        |        |        |        |     |     |     |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|
|    | 16     | 0.38   | 2.4    | 0.25   | 2.8    | 0.20   | 2.8    | 0.14   | 2.5    | WNW | 282 |     |
|    | 18     | 0.29   | 2.8    | 0.21   | 3.0    | 0.17   | 3.1    | 0.12   | 2.7    | NW  | 323 |     |
|    | 20     | 0.41   | 2.7    | 0.27   | 3.0    | 0.21   | 3.0    | * 0.14 | 2.7    | WNW | 285 |     |
|    | 22     | 0.36   | 3.6    | 0.25   | 4.2    | 0.20   | 4.3    | 0.13   | 3.3    | NNW | 331 |     |
|    | 最大     |        |        |        |        |        |        |        |        |     |     |     |
|    | 平均     | 0.55   | 2.5    | 0.29   | 2.6    | 0.22   | 2.7    | 0.14   | 2.7    |     |     |     |
|    |        | 0.28   | 3.6    | 0.19   | 3.5    | 0.15   | 3.5    | 0.10   | 2.8    |     |     |     |
|    | 15     | 00     | 0.28   | 4.4    | 0.20   | 4.2    | 0.16   | 4.2    | 0.11   | 3.2 | WSW | 245 |
|    | 02     | 0.28   | 4.5    | 0.22   | 4.5    | 0.18   | 4.2    | 0.12   | 3.3    | NE  | 47  |     |
|    | 04     | 0.43   | 3.1    | 0.27   | 3.7    | 0.21   | 3.7    | 0.14   | 3.2    | WSW | 257 |     |
| 06 | 0.51   | 3.6    | 0.22   | 3.6    | 0.18   | 3.6    | 0.12   | 3.0    | WNW    | 287 |     |     |
| 08 | 0.29   | 3.5    | 0.20   | 3.8    | 0.16   | 3.8    | 0.11   | 3.1    | NNE    | 17  |     |     |
| 10 | 0.22   | 4.2    | 0.17   | 4.7    | 0.14   | 4.3    | 0.09   | 3.2    | WSW    | 247 |     |     |
|    | 12     | 0.19   | 7.4    | 0.15   | 4.7    | 0.13   | 4.2    | 0.09   | 3.0    | NE  | 52  |     |
|    | 14     | 0.44   | 3.0    | 0.29   | 3.3    | 0.22   | 3.3    | 0.15   | 2.8    | NNE | 20  |     |
|    | 16     | 0.52   | 2.8    | 0.33   | 3.2    | 0.26   | 3.2    | 0.17   | 2.6    | NW  | 319 |     |
|    | 18     | 0.92   | 3.0    | 0.64   | 3.1    | 0.52   | 3.2    | 0.33   | 3.0    | WNW | 282 |     |
|    | 20     | * 0.93 | 3.2    | * 0.72 | 3.6    | * 0.57 | 3.7    | * 0.36 | 3.3    | NNE | 12  |     |
|    | 22     | 0.77   | 3.9    | 0.56   | 3.8    | 0.46   | 3.8    | 0.30   | 3.4    | NNE | 15  |     |
|    | 最大     |        |        |        |        |        |        |        |        |     |     |     |
|    | 平均     | 0.93   | 3.2    | 0.72   | 3.6    | 0.57   | 3.7    | 0.36   | 3.3    |     |     |     |
|    |        | 0.48   | 3.9    | 0.33   | 3.9    | 0.27   | 3.8    | 0.17   | 3.1    |     |     |     |
|    | 16     | 00     | 0.70   | 2.8    | 0.51   | 3.8    | 0.42   | 3.9    | 0.28   | 3.5 | NNE | 18  |
| 02 | 0.76   | 3.4    | 0.48   | 3.5    | 0.38   | 3.6    | 0.24   | 3.2    | N      | 9   |     |     |
| 04 | 1.75   | 4.4    | 1.15   | 4.1    | 0.90   | 4.2    | 0.58   | 3.7    | NE     | 44  |     |     |
| 06 | 3.77   | 5.8    | 2.47   | 5.6    | 1.94   | 5.7    | 1.18   | 4.9    | N      | 8   |     |     |
| 08 | 3.87   | 6.8    | 3.31   | 6.4    | 2.55   | 6.4    | 1.60   | 5.4    |        |     |     |     |
| 10 | 3.61   | 7.0    | 2.84   | 6.2    | 2.24   | 6.5    | 1.38   | 5.1    |        |     |     |     |
|    | 12     | 4.87   | 8.6    | 3.97   | 7.6    | 3.17   | 7.5    | 2.01   | 6.3    | NW  | 311 |     |
|    | 14     | 5.76   | 8.2    | 3.98   | 7.4    | 3.18   | 7.3    | 2.03   | 6.0    | NNE | 16  |     |
|    | 16     | 5.40   | 6.7    | * 4.56 | 7.7    | * 3.64 | 7.7    | * 2.26 | 6.3    | NNW | 340 |     |
|    | 18     | 5.49   | 6.4    | 3.87   | 7.8    | 2.99   | 7.5    | 1.84   | 5.9    | N   | 0   |     |
|    | 20     | * 6.27 | 9.6    | 4.54   | 8.7    | 3.55   | 8.3    | 2.16   | 6.6    | WNW | 290 |     |
|    | 22     | 5.94   | 9.3    | 4.26   | 9.5    | 3.36   | 9.2    | 2.02   | 7.2    | NNW | 340 |     |
|    | 最大     |        |        |        |        |        |        |        |        |     |     |     |
|    | 平均     | 6.27   | 9.6    | 4.56   | 7.7    | 3.64   | 7.7    | 2.26   | 6.3    |     |     |     |
|    |        | 4.02   | 6.6    | 3.00   | 6.5    | 2.36   | 6.5    | 1.47   | 5.3    |     |     |     |
|    | 17     | 00     | * 5.47 | 9.4    | * 4.01 | 9.1    | * 3.15 | 8.9    | * 1.92 | 7.2 | NNW | 327 |
| 02 | 4.17   | 8.3    | 3.16   | 8.9    | 2.64   | 8.8    | 1.67   | 7.0    | NW     | 323 |     |     |
| 04 | 3.77   | 7.4    | 3.02   | 8.3    | 2.41   | 8.4    | 1.48   | 6.9    | NNW    | 340 |     |     |
| 06 | 3.02   | 7.6    | 2.48   | 8.1    | 2.07   | 8.1    | 1.37   | 7.0    | NNE    | 16  |     |     |
| 08 | 3.46   | 7.7    | 2.78   | 7.9    | 2.24   | 8.0    | 1.40   | 7.3    | NNW    | 348 |     |     |
| 10 | 2.76   | 8.3    | 2.04   | 7.8    | 1.55   | 7.8    | 0.96   | 6.5    | N      | 0   |     |     |
|    | 12     | 2.76   | 7.1    | 2.20   | 7.3    | 1.83   | 7.8    | 1.16   | 7.0    | NNW | 344 |     |
|    | 14     | 2.13   | 7.3    | 1.61   | 7.3    | 1.22   | 7.3    | 0.76   | 6.1    | NW  | 319 |     |
|    | 16     | 2.17   | 7.1    | 1.57   | 7.4    | 1.23   | 7.4    | 0.74   | 5.9    | N   | 352 |     |
|    | 18     | 1.74   | 7.2    | 1.31   | 7.1    | 1.05   | 7.0    | 0.67   | 5.7    | NNW | 344 |     |
|    | 20     | 1.68   | 6.5    | 1.28   | 6.8    | 1.02   | 7.1    | 0.63   | 5.8    | NW  | 311 |     |
|    | 22     | 1.57   | 6.8    | 1.10   | 6.7    | 0.89   | 6.7    | 0.56   | 5.8    | NW  | 319 |     |
|    | 最大     |        |        |        |        |        |        |        |        |     |     |     |
|    | 平均     | 5.47   | 9.4    | 4.01   | 9.1    | 3.15   | 8.9    | 1.92   | 7.2    |     |     |     |
|    |        | 2.89   | 7.6    | 2.21   | 7.7    | 1.78   | 7.8    | 1.11   | 6.5    |     |     |     |
|    | 18     | 00     | 1.47   | 6.6    | * 1.11 | 6.5    | * 0.87 | 6.5    | 0.53   | 5.5 | WNW | 303 |
| 02 | * 1.55 | 6.2    | 1.08   | 6.4    | 0.84   | 6.3    | * 0.53 | 5.6    | NNW    | 340 |     |     |
| 04 | 1.01   | 6.1    | 0.86   | 6.0    | 0.69   | 6.1    | 0.43   | 5.2    | NNW    | 331 |     |     |
| 06 | 1.11   | 6.1    | 0.81   | 6.2    | 0.65   | 6.0    | 0.40   | 5.3    | NW     | 311 |     |     |
| 08 | 0.98   | 6.1    | 0.80   | 6.2    | 0.65   | 6.4    | 0.41   | 5.7    | NW     | 323 |     |     |
| 10 | 0.99   | 6.3    | 0.86   | 6.3    | 0.71   | 6.2    | 0.46   | 5.5    | NW     | 311 |     |     |
|    | 12     | 0.93   | 5.2    | 0.74   | 5.8    | 0.61   | 5.9    | 0.40   | 4.6    | NNW | 331 |     |
|    | 14     | 0.85   | 6.2    | 0.70   | 5.9    | 0.56   | 5.9    | 0.34   | 4.6    | NW  | 323 |     |
|    | 16     | 0.74   | 4.6    | 0.56   | 5.4    | 0.46   | 5.1    | 0.29   | 3.8    | NW  | 319 |     |
|    | 18     | 0.92   | 4.1    | 0.76   | 3.7    | 0.60   | 3.9    | 0.39   | 3.5    | WNW | 289 |     |
|    | 20     | 0.91   | 4.8    | 0.68   | 4.1    | 0.57   | 4.2    | 0.37   | 3.7    | NNE | 32  |     |
|    | 22     | 0.92   | 4.7    | 0.68   | 4.3    | 0.52   | 4.4    | 0.34   | 4.1    | NNE | 30  |     |
|    | 最大     |        |        |        |        |        |        |        |        |     |     |     |
|    | 平均     | 1.55   | 6.2    | 1.11   | 6.5    | 0.87   | 6.5    | 0.53   | 5.6    |     |     |     |
|    |        | 1.03   | 5.6    | 0.80   | 5.6    | 0.64   | 5.6    | 0.41   | 4.8    |     |     |     |
|    | 19     | 00     | 0.85   | 4.9    | 0.54   | 4.6    | 0.42   | 4.6    | 0.26   | 4.0 | NW  | 323 |
| 02 | 0.54   | 4.1    | 0.46   | 4.3    | 0.38   | 4.5    | 0.25   | 3.9    | NNW    | 335 |     |     |
| 04 | 0.65   | 4.8    | 0.43   | 4.4    | 0.33   | 4.5    | 0.22   | 3.9    | NW     | 319 |     |     |
| 06 | 0.58   | 4.8    | 0.37   | 4.7    | 0.30   | 4.6    | 0.19   | 3.9    | WNW    | 290 |     |     |
| 08 | 0.42   | 4.4    | 0.34   | 4.8    | 0.28   | 4.8    | 0.17   | 4.0    | N      | 356 |     |     |
| 10 | 0.41   | 4.7    | 0.33   | 4.7    | 0.26   | 4.8    | 0.16   | 4.0    | N      | 4   |     |     |

|    |          |        |     |        |     |        |     |        |     |     |     |
|----|----------|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 12       | 0.75   | 3.1 | 0.43   | 3.8 | 0.33   | 3.9 | 0.21   | 3.3 | WSW | 255 |
|    | 14       | 0.57   | 2.7 | 0.43   | 3.3 | 0.35   | 3.5 | 0.23   | 2.9 | WSW | 247 |
|    | 16       | 0.79   | 3.0 | 0.52   | 3.5 | 0.42   | 3.4 | 0.27   | 3.0 | NE  | 38  |
|    | 18       | * 0.88 | 2.8 | * 0.59 | 3.2 | * 0.47 | 3.4 | * 0.30 | 3.1 | NW  | 312 |
|    | 20       | 0.59   | 3.0 | 0.46   | 3.7 | 0.37   | 3.7 | 0.24   | 3.5 | NE  | 53  |
|    | 22       | 0.45   | 4.1 | 0.35   | 4.3 | 0.28   | 4.2 | 0.19   | 3.6 | NW  | 314 |
|    | 最大<br>平均 | 0.88   | 2.8 | 0.59   | 3.2 | 0.47   | 3.4 | 0.30   | 3.1 |     |     |
|    |          | 0.62   | 3.9 | 0.44   | 4.1 | 0.35   | 4.2 | 0.22   | 3.6 |     |     |
| 20 | 00       | 0.50   | 6.0 | 0.34   | 5.1 | 0.27   | 5.1 | 0.18   | 4.0 | NNE | 25  |
|    | 02       | 0.40   | 6.1 | 0.33   | 5.8 | 0.26   | 5.6 | 0.16   | 4.0 | N   | 4   |
|    | 04       | 0.48   | 6.2 | 0.32   | 6.1 | 0.25   | 5.7 | 0.15   | 4.4 | NNE | 25  |
|    | 06       | 0.41   | 5.3 | 0.31   | 5.3 | 0.24   | 5.3 | 0.16   | 4.2 | NNW | 344 |
|    | 08       | 0.46   | 6.1 | 0.34   | 5.5 | 0.27   | 5.4 | 0.17   | 4.3 | N   | 356 |
|    | 10       | 0.47   | 4.9 | 0.34   | 5.0 | 0.28   | 5.0 | 0.18   | 4.0 | NNW | 348 |
|    | 12       | * 0.52 | 4.4 | * 0.39 | 4.8 | * 0.31 | 4.8 | * 0.20 | 3.9 | N   | 8   |
|    | 14       | 0.48   | 5.6 | 0.37   | 4.9 | 0.30   | 4.7 | 0.19   | 3.9 | NW  | 319 |
|    | 16       | 0.46   | 5.1 | 0.34   | 4.6 | 0.26   | 4.8 | 0.17   | 3.9 | NNW | 331 |
|    | 18       | 0.39   | 4.6 | 0.30   | 4.4 | 0.24   | 4.6 | 0.16   | 3.8 | NNW | 348 |
|    | 20       | 0.35   | 4.2 | 0.24   | 4.6 | 0.20   | 4.7 | 0.13   | 3.7 | WNW | 295 |
|    | 22       | 0.36   | 4.5 | 0.24   | 5.0 | 0.19   | 4.7 | 0.12   | 3.5 | NNE | 25  |
|    | 最大<br>平均 | 0.52   | 4.4 | 0.39   | 4.8 | 0.31   | 4.8 | 0.20   | 3.9 |     |     |
|    |          | 0.44   | 5.3 | 0.32   | 5.1 | 0.26   | 5.0 | 0.16   | 4.0 |     |     |
| 21 | 00       | 0.36   | 5.0 | 0.25   | 5.0 | 0.20   | 4.9 | 0.13   | 3.9 | WNW | 303 |
|    | 02       | 0.29   | 4.0 | 0.22   | 4.5 | 0.18   | 4.2 | 0.12   | 3.3 |     |     |
|    | 04       | 0.28   | 4.1 | 0.21   | 4.4 | 0.17   | 4.2 | 0.11   | 3.2 | WSW | 248 |
|    | 06       | 0.38   | 3.6 | 0.24   | 3.8 | 0.19   | 3.7 | 0.12   | 3.0 | W   | 269 |
|    | 08       | 0.52   | 3.5 | 0.32   | 3.8 | 0.25   | 3.8 | 0.16   | 3.2 | NE  | 45  |
|    | 10       | 0.55   | 3.5 | 0.40   | 3.6 | 0.31   | 3.8 | 0.20   | 3.3 | WSW | 242 |
|    | 12       | 0.50   | 3.4 | 0.32   | 3.9 | 0.26   | 3.9 | 0.17   | 3.3 | W   | 280 |
|    | 14       | 0.45   | 5.5 | 0.33   | 4.5 | 0.26   | 4.4 | 0.17   | 3.5 | W   | 264 |
|    | 16       | 0.43   | 4.9 | 0.34   | 4.5 | 0.27   | 4.5 | 0.17   | 3.4 | NNW | 335 |
|    | 18       | * 0.62 | 5.0 | 0.41   | 4.9 | 0.31   | 4.8 | 0.20   | 3.8 | WNW | 299 |
|    | 20       | 0.56   | 5.2 | 0.39   | 5.1 | 0.32   | 5.0 | 0.21   | 4.2 | WNW | 303 |
|    | 22       | 0.52   | 5.1 | * 0.41 | 5.0 | * 0.33 | 5.1 | * 0.22 | 4.5 | WNW | 303 |
|    | 最大<br>平均 | 0.62   | 5.0 | 0.41   | 5.0 | 0.33   | 5.1 | 0.22   | 4.5 |     |     |
|    |          | 0.46   | 4.4 | 0.32   | 4.4 | 0.25   | 4.4 | 0.17   | 3.6 |     |     |
| 22 | 00       | 0.52   | 5.1 | 0.40   | 5.0 | 0.32   | 5.0 | 0.21   | 4.3 | NW  | 319 |
|    | 02       | 0.44   | 5.2 | 0.34   | 5.1 | 0.28   | 4.9 | 0.17   | 3.9 | WNW | 290 |
|    | 04       | 0.48   | 4.5 | 0.31   | 4.9 | 0.26   | 5.0 | 0.16   | 3.9 | NNW | 331 |
|    | 06       | 0.39   | 6.9 | 0.30   | 5.1 | 0.24   | 4.9 | 0.15   | 3.7 | NNW | 348 |
|    | 08       | 0.36   | 5.1 | 0.27   | 5.1 | 0.22   | 5.0 | 0.14   | 3.8 | NW  | 323 |
|    | 10       | 0.39   | 5.3 | 0.29   | 4.7 | 0.23   | 4.7 | 0.14   | 3.4 | NNW | 331 |
|    | 12       | 0.46   | 4.7 | 0.38   | 4.6 | 0.31   | 4.3 | 0.20   | 3.5 | NE  | 39  |
|    | 14       | 1.66   | 4.6 | 1.16   | 4.3 | 0.95   | 4.5 | 0.63   | 4.1 | NNE | 20  |
|    | 16       | 1.89   | 4.8 | 1.50   | 4.8 | 1.20   | 4.8 | 0.76   | 4.2 | NNE | 20  |
|    | 18       | 1.84   | 4.6 | 1.51   | 4.8 | 1.22   | 5.0 | 0.79   | 4.4 | NNE | 25  |
|    | 20       | 2.09   | 5.9 | 1.56   | 5.4 | 1.24   | 5.2 | 0.79   | 4.5 | NNW | 348 |
|    | 22       | * 2.28 | 5.9 | * 1.68 | 5.5 | * 1.32 | 5.6 | * 0.85 | 4.8 | NNW | 327 |
|    | 最大<br>平均 | 2.28   | 5.9 | 1.68   | 5.5 | 1.32   | 5.6 | 0.85   | 4.8 |     |     |
|    |          | 1.07   | 5.2 | 0.81   | 4.9 | 0.65   | 4.9 | 0.42   | 4.0 |     |     |
| 23 | 00       | * 1.79 | 4.3 | * 1.44 | 5.5 | * 1.17 | 5.4 | * 0.74 | 4.8 | NNW | 344 |
|    | 02       | 1.63   | 5.4 | 1.16   | 5.3 | 0.93   | 5.4 | 0.59   | 4.6 | NNE | 25  |
|    | 04       | 1.65   | 5.9 | 1.32   | 5.6 | 1.04   | 5.7 | 0.65   | 5.1 | NNE | 16  |
|    | 06       | 1.35   | 5.8 | 1.21   | 5.9 | 0.97   | 5.9 | 0.61   | 5.2 | NNW | 348 |
|    | 08       | 1.32   | 5.8 | 0.99   | 6.2 | 0.78   | 5.9 | 0.50   | 4.9 | NNE | 29  |
|    | 10       | 1.25   | 5.5 | 0.85   | 5.4 | 0.68   | 5.5 | 0.43   | 4.6 | N   | 0   |
|    | 12       | 0.85   | 6.0 | 0.67   | 6.0 | 0.52   | 5.6 | 0.33   | 4.5 | NNE | 12  |
|    | 14       | 1.10   | 5.8 | 0.69   | 5.8 | 0.53   | 5.6 | 0.33   | 4.3 | N   | 356 |
|    | 16       | 0.91   | 6.0 | 0.63   | 6.0 | 0.51   | 5.9 | 0.32   | 4.8 | NNW | 340 |
|    | 18       | 0.84   | 6.3 | 0.62   | 5.8 | 0.49   | 5.9 | 0.29   | 4.5 | N   | 8   |
|    | 20       | 0.74   | 6.4 | 0.59   | 6.0 | 0.45   | 5.9 | 0.29   | 5.0 | N   | 4   |
|    | 22       | 0.63   | 6.0 | 0.48   | 5.7 | 0.39   | 5.6 | 0.25   | 4.2 | NW  | 307 |
|    | 最大<br>平均 | 1.79   | 4.3 | 1.44   | 5.5 | 1.17   | 5.4 | 0.74   | 4.8 |     |     |
|    |          | 1.17   | 5.8 | 0.89   | 5.8 | 0.71   | 5.7 | 0.44   | 4.7 |     |     |
| 24 | 00       | 0.49   | 5.9 | * 0.40 | 6.1 | * 0.32 | 5.6 | * 0.20 | 3.9 | NNE | 12  |
|    | 02       | * 0.50 | 5.8 | 0.38   | 6.1 | 0.29   | 5.9 | 0.18   | 4.4 | N   | 0   |

|    |    |        |      |        |     |        |     |        |     |     |     |
|----|----|--------|------|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 04 | 0.41   | 5.6  | 0.32   | 6.0 | 0.26   | 5.9 | 0.17   | 4.5 | NNE | 20  |
|    | 06 | 0.39   | 5.6  | 0.31   | 5.7 | 0.25   | 5.3 | 0.16   | 3.9 | N   | 352 |
|    | 08 | 0.44   | 5.3  | 0.29   | 5.8 | 0.25   | 5.3 | 0.16   | 3.9 | NNW | 335 |
|    | 10 | 0.37   | 3.7  | 0.30   | 5.4 | 0.24   | 5.3 | 0.16   | 4.2 | NNW | 340 |
|    | 12 | 0.31   | 6.2  | 0.26   | 5.3 | 0.21   | 4.9 | 0.14   | 3.7 | NNE | 25  |
|    | 14 | 0.35   | 5.5  | 0.26   | 5.3 | 0.21   | 5.1 | 0.14   | 3.7 | NNW | 344 |
|    | 16 | 0.36   | 4.8  | 0.25   | 5.2 | 0.20   | 4.9 | 0.12   | 3.6 | NW  | 319 |
|    | 18 | 0.33   | 5.3  | 0.22   | 5.0 | 0.18   | 4.9 | 0.12   | 3.7 | NNW | 331 |
|    | 20 | 0.31   | 4.9  | 0.24   | 4.6 | 0.20   | 4.5 | 0.13   | 3.7 | NNW | 331 |
|    | 22 | 0.29   | 5.8  | 0.22   | 4.9 | 0.17   | 4.7 | 0.12   | 3.4 | NNW | 344 |
|    | 最大 | 0.50   | 5.8  | 0.40   | 6.1 | 0.32   | 5.6 | 0.20   | 3.9 |     |     |
|    | 平均 | 0.38   | 5.4  | 0.29   | 5.5 | 0.23   | 5.2 | 0.15   | 3.9 |     |     |
| 25 | 00 | 0.30   | 4.7  | 0.23   | 3.9 | 0.19   | 4.1 | 0.13   | 3.4 | NE  | 55  |
|    | 02 | 0.42   | 3.1  | 0.32   | 3.5 | 0.25   | 3.6 | 0.17   | 3.3 | NE  | 49  |
|    | 04 | 0.47   | 3.0  | 0.32   | 3.1 | 0.26   | 3.2 | 0.17   | 3.0 | WSW | 254 |
|    | 06 | 0.31   | 6.3  | 0.21   | 4.0 | 0.17   | 4.0 | 0.11   | 3.3 | NNE | 27  |
|    | 08 | 0.26   | 10.7 | 0.20   | 7.0 | 0.16   | 6.0 | 0.11   | 4.1 | NW  | 319 |
|    | 10 | 0.44   | 10.7 | 0.32   | 8.4 | 0.26   | 8.2 | 0.16   | 5.5 | NNW | 331 |
|    | 12 | 0.51   | 9.0  | 0.41   | 8.7 | 0.32   | 8.7 | 0.20   | 6.2 | NW  | 311 |
|    | 14 | 0.62   | 7.9  | 0.50   | 8.1 | 0.41   | 8.0 | 0.25   | 6.2 | NW  | 307 |
|    | 16 | 0.57   | 8.0  | 0.41   | 7.5 | 0.33   | 7.3 | 0.21   | 5.0 | NNW | 327 |
|    | 18 | 0.55   | 7.3  | 0.41   | 7.1 | 0.33   | 6.9 | 0.20   | 5.1 | NW  | 323 |
|    | 20 | 0.98   | 4.9  | 0.73   | 5.2 | 0.58   | 5.2 | 0.37   | 4.9 | WNW | 295 |
|    | 22 | * 1.35 | 4.2  | * 1.06 | 4.2 | * 0.86 | 4.2 | * 0.56 | 3.7 | NE  | 40  |
|    | 最大 | 1.35   | 4.2  | 1.06   | 4.2 | 0.86   | 4.2 | 0.56   | 3.7 |     |     |
|    | 平均 | 0.57   | 6.7  | 0.43   | 5.9 | 0.34   | 5.8 | 0.22   | 4.5 |     |     |
| 26 | 00 | 2.84   | 5.8  | 2.27   | 5.6 | 1.79   | 5.5 | 1.14   | 4.8 | N   | 356 |
|    | 02 | * 3.66 | 6.2  | * 3.25 | 6.4 | * 2.69 | 6.6 | * 1.70 | 5.4 | NNW | 327 |
|    | 04 | 3.50   | 7.7  | 2.74   | 6.8 | 2.23   | 6.8 | 1.44   | 5.8 | NNW | 335 |
|    | 06 | 3.14   | 6.8  | 2.43   | 6.9 | 1.92   | 6.5 | 1.21   | 5.2 | NNE | 20  |
|    | 08 | 2.81   | 6.1  | 2.23   | 6.3 | 1.77   | 6.7 | 1.11   | 5.4 | NNW | 344 |
|    | 10 | 3.07   | 8.6  | 2.27   | 6.6 | 1.80   | 6.7 | 1.15   | 5.3 | NNE | 16  |
|    | 12 | 3.61   | 7.0  | 2.19   | 7.1 | 1.76   | 7.0 | 1.11   | 5.5 | N   | 356 |
|    | 14 | 3.58   | 5.7  | 2.62   | 6.3 | 2.08   | 6.4 | 1.29   | 5.4 | N   | 8   |
|    | 16 | 2.81   | 6.6  | 2.30   | 6.1 | 1.86   | 6.2 | 1.22   | 5.4 | NNE | 20  |
|    | 18 | 2.62   | 5.8  | 2.03   | 6.0 | 1.63   | 6.2 | 1.01   | 5.3 | N   | 8   |
|    | 20 | 3.46   | 5.7  | 2.44   | 6.0 | 1.92   | 6.2 | 1.22   | 5.3 | NNE | 20  |
|    | 22 | 3.02   | 5.8  | 2.28   | 6.3 | 1.84   | 6.3 | 1.15   | 5.1 | NW  | 323 |
|    | 最大 | 3.66   | 6.2  | 3.25   | 6.4 | 2.69   | 6.6 | 1.70   | 5.4 |     |     |
|    | 平均 | 3.18   | 6.5  | 2.42   | 6.4 | 1.94   | 6.4 | 1.23   | 5.3 |     |     |
| 27 | 00 | * 2.69 | 6.5  | * 1.90 | 6.3 | * 1.55 | 6.6 | * 1.00 | 5.5 | N   | 356 |
|    | 02 | 2.34   | 6.9  | 1.80   | 6.6 | 1.41   | 6.3 | 0.88   | 5.4 | NW  | 319 |
|    | 04 | 1.73   | 5.7  | 1.39   | 5.8 | 1.14   | 5.9 | 0.73   | 5.2 | NW  | 323 |
|    | 06 | 1.84   | 6.5  | 1.37   | 6.2 | 1.10   | 6.2 | 0.72   | 5.4 | NW  | 319 |
|    | 08 | 1.75   | 6.1  | 1.21   | 6.2 | 0.95   | 6.2 | 0.61   | 5.3 | NNE | 12  |
|    | 10 | 1.58   | 5.8  | 1.14   | 6.0 | 0.92   | 6.1 | 0.59   | 5.4 | N   | 8   |
|    | 12 | 1.52   | 5.8  | 1.10   | 5.7 | 0.88   | 5.8 | 0.57   | 5.2 | NNW | 335 |
|    | 14 | 1.59   | 4.5  | 1.07   | 5.8 | 0.87   | 6.0 | 0.54   | 5.0 | N   | 0   |
|    | 16 | 1.52   | 6.2  | 1.03   | 5.8 | 0.81   | 5.7 | 0.50   | 4.4 | NNW | 327 |
|    | 18 | 1.31   | 6.3  | 0.87   | 5.8 | 0.68   | 5.5 | 0.41   | 4.0 | NNW | 327 |
|    | 20 | 0.95   | 5.6  | 0.72   | 5.3 | 0.58   | 5.3 | 0.38   | 4.3 | NNE | 20  |
|    | 22 | 0.95   | 5.8  | 0.75   | 5.7 | 0.59   | 5.7 | 0.36   | 4.6 | N   | 0   |
|    | 最大 | 2.69   | 6.5  | 1.90   | 6.3 | 1.55   | 6.6 | 1.00   | 5.5 |     |     |
|    | 平均 | 1.65   | 6.0  | 1.20   | 5.9 | 0.96   | 5.9 | 0.61   | 5.0 |     |     |
| 28 | 00 | * 0.78 | 5.4  | * 0.61 | 5.5 | * 0.48 | 5.5 | * 0.31 | 4.6 | NNE | 33  |
|    | 02 | 0.67   | 5.9  | 0.56   | 5.8 | 0.45   | 5.6 | 0.28   | 4.6 | NW  | 315 |
|    | 04 | 0.56   | 5.3  | 0.45   | 5.7 | 0.35   | 5.6 | 0.22   | 4.5 | NNE | 20  |
|    | 06 | 0.50   | 5.2  | 0.41   | 5.5 | 0.33   | 5.3 | 0.20   | 4.3 | N   | 8   |
|    | 08 | 0.52   | 5.0  | 0.40   | 5.3 | 0.33   | 5.3 | 0.21   | 4.4 | N   | 356 |
|    | 10 | 0.56   | 5.2  | 0.38   | 5.2 | 0.29   | 5.1 | 0.19   | 4.4 | NNW | 331 |
|    | 12 | 0.47   | 4.7  | 0.36   | 4.8 | 0.30   | 4.8 | 0.19   | 4.1 | NNW | 335 |
|    | 14 | 0.54   | 4.6  | 0.38   | 4.0 | 0.30   | 4.0 | 0.20   | 3.2 | WNW | 288 |
|    | 16 | 0.73   | 3.0  | 0.51   | 3.0 | 0.41   | 3.2 | 0.26   | 3.0 | NW  | 318 |
|    | 18 | 0.64   | 2.8  | 0.48   | 3.2 | 0.39   | 3.3 | 0.25   | 3.1 | NE  | 55  |
|    | 20 | 0.43   | 4.2  | 0.35   | 3.5 | 0.28   | 3.5 | 0.18   | 3.2 | NNW | 333 |
|    | 22 | 0.39   | 3.3  | 0.25   | 3.7 | 0.20   | 3.7 | 0.13   | 3.0 | N   | 354 |
|    | 最大 | 0.78   | 5.4  | 0.61   | 5.5 | 0.48   | 5.5 | 0.31   | 4.6 |     |     |

|     | 平均 | 0.57   | 4.6 | 0.43   | 4.6 | 0.34   | 4.6 | 0.22   | 3.9 |     |     |
|-----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
| 29  | 00 | 0.28   | 4.2 | 0.22   | 4.1 | 0.17   | 4.2 | 0.11   | 3.4 | N   | 0   |
|     | 02 | 0.28   | 3.7 | 0.19   | 3.9 | 0.15   | 3.7 | 0.10   | 2.9 | W   | 259 |
|     | 04 | 0.29   | 2.5 | 0.20   | 3.4 | 0.16   | 3.4 | 0.10   | 2.8 | NE  | 51  |
|     | 06 | 0.22   | 4.5 | 0.17   | 3.6 | 0.14   | 3.6 | 0.09   | 2.8 | NE  | 50  |
|     | 08 | 0.27   | 2.4 | 0.20   | 3.8 | 0.17   | 3.4 | 0.11   | 2.8 | N   | 3   |
|     | 10 | 0.30   | 3.7 | 0.19   | 3.8 | 0.15   | 3.7 | 0.10   | 2.9 | N   | 8   |
|     | 12 | 0.27   | 2.6 | 0.20   | 4.0 | 0.15   | 3.9 | 0.10   | 3.2 | NW  | 314 |
|     | 14 | 0.43   | 2.2 | 0.25   | 3.2 | 0.20   | 3.1 | 0.13   | 2.7 | NW  | 308 |
|     | 16 | * 0.62 | 3.0 | * 0.47 | 2.9 | * 0.37 | 3.0 | * 0.23 | 2.8 | NE  | 50  |
|     | 18 | 0.44   | 2.9 | 0.31   | 2.9 | 0.25   | 3.0 | 0.16   | 2.8 | NNE | 20  |
|     | 20 | 0.39   | 3.2 | 0.27   | 3.4 | 0.22   | 3.5 | 0.14   | 2.9 | NE  | 42  |
|     | 22 | 0.38   | 3.5 | 0.29   | 3.5 | 0.24   | 3.7 | 0.15   | 3.2 | NW  | 310 |
|     | 最大 | 0.62   | 3.0 | 0.47   | 2.9 | 0.37   | 3.0 | 0.23   | 2.8 |     |     |
|     | 平均 | 0.35   | 3.2 | 0.25   | 3.5 | 0.20   | 3.5 | 0.13   | 2.9 |     |     |
| 30  | 00 | 0.52   | 3.3 | 0.34   | 3.6 | 0.27   | 3.7 | 0.17   | 3.3 | NE  | 37  |
|     | 02 | 0.32   | 3.9 | 0.25   | 3.9 | 0.20   | 3.9 | 0.13   | 3.2 | NE  | 56  |
|     | 04 | 0.24   | 4.6 | 0.20   | 4.8 | 0.16   | 4.3 | 0.10   | 3.3 | N   | 8   |
|     | 06 | 0.27   | 6.8 | 0.19   | 4.7 | 0.16   | 4.4 | 0.10   | 3.2 | NNE | 18  |
|     | 08 | 0.33   | 2.7 | 0.20   | 4.9 | 0.16   | 4.4 | 0.10   | 3.2 | W   | 281 |
|     | 10 | 0.46   | 3.2 | 0.26   | 3.4 | 0.20   | 3.6 | 0.13   | 2.9 | NE  | 48  |
|     | 12 | 0.54   | 2.6 | 0.42   | 2.5 | 0.34   | 2.7 | 0.22   | 2.5 | NNE | 26  |
|     | 14 | * 0.81 | 2.8 | * 0.48 | 3.2 | * 0.40 | 3.2 | * 0.27 | 3.0 | W   | 270 |
|     | 16 | 0.58   | 3.2 | 0.40   | 3.4 | 0.32   | 3.3 | 0.21   | 3.0 | NE  | 44  |
|     | 18 | 0.33   | 4.4 | 0.27   | 3.3 | 0.22   | 3.4 | 0.14   | 3.0 | NNE | 32  |
|     | 20 | 0.27   | 3.9 | 0.22   | 4.0 | 0.18   | 4.0 | 0.12   | 3.2 | N   | 359 |
|     | 22 | 0.23   | 3.9 | 0.18   | 4.5 | 0.15   | 4.2 | 0.11   | 3.2 | WSW | 253 |
|     | 最大 | 0.81   | 2.8 | 0.48   | 3.2 | 0.40   | 3.2 | 0.27   | 3.0 |     |     |
|     | 平均 | 0.41   | 3.8 | 0.28   | 3.9 | 0.23   | 3.8 | 0.15   | 3.1 |     |     |
| 月最大 |    | 6.27   | 9.6 | 4.56   | 7.7 | 3.64   | 7.7 | 2.26   | 6.3 |     |     |
| 起時  |    | 1620   |     | 1616   |     | 1616   |     | 1616   |     |     |     |
| 平均  |    | 1.03   | 4.9 | 0.77   | 5.0 | 0.61   | 4.9 | 0.39   | 4.1 |     |     |

\* は日最大波高を示す

| 波高   |       | 波向   |       |
|------|-------|------|-------|
| 規定回数 | 372 回 | 規定回数 | 372 回 |
| 測得回数 | 372 回 | 測得回数 | 364 回 |
| 欠測回数 | 0 回   | 欠測回数 | 8 回   |
| 欠測率  | 0.0 % | 欠測率  | 2.2 % |

観測所名：直江津港(直轄) | 機種：波高 海象計 -32m 波向 海象計 -32m

| 日  | 時  | H max<br>(m) | T max<br>(s) | H 1/10<br>(m) | T 1/10<br>(s) | H 1/3<br>(m) | T 1/3<br>(s) | H mean<br>(m) | T mean<br>(s) | 波向<br>16方位 | 角度  |     |
|----|----|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|------------|-----|-----|
| 01 | 00 | 0.26         | 3.8          | 0.20          | 4.8           | 0.16         | 4.3          | 0.11          | 3.3           | NNW        | 329 |     |
|    | 02 | 0.23         | 3.9          | 0.17          | 4.5           | 0.14         | 4.2          | 0.10          | 3.2           | NE         | 45  |     |
|    | 04 | 0.25         | 4.3          | 0.17          | 4.5           | 0.15         | 4.3          | 0.10          | 3.4           |            |     |     |
|    | 06 | 0.30         | 5.1          | 0.20          | 4.7           | 0.16         | 4.5          | 0.11          | 3.3           | W          | 262 |     |
|    | 08 | 0.26         | 4.9          | 0.18          | 4.6           | 0.15         | 4.5          | 0.10          | 3.3           | NNW        | 340 |     |
|    | 10 | 0.26         | 3.9          | 0.19          | 4.6           | 0.16         | 4.6          | 0.11          | 3.7           |            |     |     |
|    | 12 | 0.24         | 3.8          | 0.20          | 4.3           | 0.16         | 4.2          | 0.11          | 3.5           | NW         | 304 |     |
|    | 14 | 0.30         | 6.2          | 0.24          | 5.5           | 0.20         | 5.2          | 0.13          | 3.8           | WNW        | 286 |     |
|    | 16 | 0.34         | 5.6          | 0.27          | 5.5           | 0.22         | 4.8          | 0.14          | 3.4           | WNW        | 295 |     |
|    | 18 | 0.47         | 6.1          | 0.31          | 5.8           | 0.24         | 4.9          | 0.15          | 3.3           | NNW        | 344 |     |
|    | 20 | 0.59         | 7.9          | 0.47          | 8.5           | 0.39         | 7.4          | 0.24          | 5.1           | NNW        | 340 |     |
|    | 22 | * 0.87       | 7.9          | * 0.72        | 8.4           | * 0.57       | 8.4          | * 0.35        | 5.9           | NNW        | 344 |     |
|    | 最大 | 0.87         | 7.9          | 0.72          | 8.4           | 0.57         | 8.4          | 0.35          | 5.9           |            |     |     |
|    | 平均 | 0.36         | 5.3          | 0.28          | 5.5           | 0.23         | 5.1          | 0.15          | 3.8           |            |     |     |
|    | 02 | 00           | 0.81         | 8.1           | 0.62          | 7.9          | 0.50         | 7.8           | 0.31          | 5.7        | NNW | 335 |
|    |    | 02           | 0.81         | 7.1           | 0.67          | 7.4          | * 0.55       | 7.4           | 0.32          | 5.3        | NNW | 340 |
|    |    | 04           | * 1.04       | 7.2           | * 0.68        | 7.2          | 0.54         | 7.5           | 0.33          | 5.7        | NNW | 335 |
|    |    | 06           | 0.80         | 7.7           | 0.59          | 7.2          | 0.46         | 7.1           | 0.27          | 5.1        | NNW | 348 |
|    |    | 08           | 0.82         | 6.5           | 0.61          | 7.0          | 0.51         | 7.3           | * 0.33        | 6.2        | NNW | 340 |
|    |    | 10           | 0.81         | 6.6           | 0.59          | 6.7          | 0.49         | 6.6           | 0.31          | 5.4        | NNW | 335 |
| 12 |    | 0.79         | 7.2          | 0.65          | 6.5           | 0.52         | 6.5          | 0.33          | 5.0           | NNW        | 340 |     |
| 14 |    | 0.91         | 6.2          | 0.67          | 6.4           | 0.52         | 6.3          | 0.32          | 4.7           | NNW        | 335 |     |
| 16 |    | 0.74         | 5.7          | 0.59          | 5.8           | 0.47         | 5.8          | 0.29          | 4.5           | NW         | 315 |     |
| 18 |    | 0.73         | 5.9          | 0.60          | 5.5           | 0.46         | 5.5          | 0.28          | 4.4           | N          | 352 |     |
| 20 |    | 0.71         | 5.5          | 0.57          | 5.5           | 0.46         | 5.3          | 0.29          | 4.2           | NNW        | 348 |     |
| 22 |    | 0.76         | 5.2          | 0.55          | 5.4           | 0.45         | 5.4          | 0.30          | 4.5           | NW         | 319 |     |
| 最大 |    | 1.04         | 7.2          | 0.68          | 7.2           | 0.55         | 7.4          | 0.33          | 6.2           |            |     |     |
| 平均 |    | 0.81         | 6.6          | 0.62          | 6.5           | 0.49         | 6.5          | 0.31          | 5.1           |            |     |     |
| 03 |    | 00           | 0.61         | 6.9           | 0.51          | 5.9          | 0.40         | 5.6           | 0.26          | 4.5        | NW  | 319 |
|    |    | 02           | 0.81         | 5.2           | 0.64          | 4.4          | 0.52         | 4.5           | 0.32          | 3.5        | NNW | 327 |
|    |    | 04           | 1.58         | 3.8           | 1.08          | 4.0          | 0.85         | 3.9           | 0.55          | 3.4        | NW  | 322 |
|    |    | 06           | 1.30         | 3.5           | 0.96          | 3.9          | 0.77         | 3.8           | 0.50          | 3.5        | NNE | 21  |
|    |    | 08           | 2.67         | 5.0           | 1.99          | 5.3          | 1.58         | 5.2           | 1.01          | 4.5        | NW  | 307 |
|    |    | 10           | 2.28         | 6.0           | 1.79          | 6.1          | 1.45         | 5.9           | 0.92          | 5.0        | WNW | 295 |
|    | 12 | 2.75         | 6.8          | 2.16          | 6.7           | 1.75         | 6.7          | 1.09          | 5.4           | NW         | 323 |     |
|    | 14 | 3.92         | 8.3          | 2.87          | 7.9           | 2.37         | 8.1          | 1.49          | 6.9           | NW         | 311 |     |
|    | 16 | * 3.92       | 9.3          | * 3.02        | 9.2           | * 2.45       | 9.1          | * 1.57        | 7.7           | NW         | 323 |     |
|    | 18 | 3.44         | 9.1          | 2.90          | 9.4           | 2.39         | 9.0          | 1.51          | 7.7           | NW         | 323 |     |
|    | 20 | 3.85         | 8.1          | 2.25          | 8.2           | 1.84         | 8.5          | 1.18          | 7.2           | NW         | 323 |     |
|    | 22 | 3.32         | 8.1          | 2.38          | 8.1           | 1.99         | 8.4          | 1.34          | 7.7           | NW         | 319 |     |
|    | 最大 | 3.92         | 9.3          | 3.02          | 9.2           | 2.45         | 9.1          | 1.57          | 7.7           |            |     |     |
|    | 平均 | 2.54         | 6.7          | 1.88          | 6.6           | 1.53         | 6.6          | 0.98          | 5.6           |            |     |     |
|    | 04 | 00           | 2.79         | 8.1           | 2.15          | 8.0          | 1.71         | 8.0           | 1.06          | 7.0        | NW  | 323 |
|    |    | 02           | 2.76         | 8.8           | 2.17          | 7.9          | 1.70         | 8.0           | 1.06          | 6.8        | NNW | 327 |
|    |    | 04           | 3.47         | 8.3           | 2.33          | 8.1          | 1.76         | 8.2           | 1.08          | 6.8        | NW  | 323 |
|    |    | 06           | * 3.60       | 8.3           | * 2.54        | 8.4          | * 1.96       | 8.0           | * 1.21        | 6.8        | NNW | 327 |
|    |    | 08           | 2.43         | 8.2           | 1.89          | 8.3          | 1.52         | 8.0           | 0.94          | 6.6        | NW  | 319 |
|    |    | 10           | 1.65         | 7.8           | 1.47          | 8.0          | 1.21         | 7.7           | 0.77          | 6.5        | NW  | 323 |
| 12 |    | 1.40         | 7.7          | 1.19          | 7.4           | 0.94         | 7.5          | 0.58          | 6.1           | NNW        | 327 |     |
| 14 |    | 1.51         | 7.2          | 1.07          | 7.1           | 0.83         | 6.7          | 0.52          | 4.8           | NW         | 319 |     |
| 16 |    | 1.32         | 6.4          | 0.97          | 6.7           | 0.80         | 6.3          | 0.53          | 4.8           | NNW        | 335 |     |
| 18 |    | 1.11         | 5.4          | 0.89          | 6.2           | 0.72         | 5.5          | 0.44          | 4.2           | NNW        | 327 |     |
| 20 |    | 1.37         | 5.0          | 1.03          | 5.2           | 0.81         | 5.1          | 0.52          | 4.3           | NNE        | 29  |     |
| 22 |    | 1.21         | 6.8          | 0.95          | 5.3           | 0.78         | 5.3          | 0.51          | 4.7           | NNE        | 29  |     |
| 最大 |    | 3.60         | 8.3          | 2.54          | 8.4           | 1.96         | 8.0          | 1.21          | 6.8           |            |     |     |



|    | 平均       | 2.05   | 7.3 | 1.55   | 7.2 | 1.23   | 7.0 | 0.77   | 5.8 |     |     |
|----|----------|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
| 05 | 00       | * 1.11 | 5.7 | * 0.77 | 6.1 | * 0.63 | 5.7 | * 0.40 | 4.8 | NNW | 335 |
|    | 02       | 0.96   | 7.0 | 0.68   | 6.2 | 0.56   | 5.6 | 0.36   | 4.5 | NNW | 331 |
|    | 04       | 0.73   | 4.9 | 0.64   | 5.6 | 0.53   | 5.8 | 0.35   | 4.8 | NNW | 344 |
|    | 06       | 0.82   | 5.3 | 0.64   | 6.0 | 0.51   | 5.7 | 0.33   | 4.8 | NW  | 323 |
|    | 08       | 0.94   | 6.4 | 0.66   | 5.7 | 0.53   | 5.6 | 0.34   | 4.6 | NW  | 315 |
|    | 10       | 0.70   | 6.7 | 0.58   | 5.3 | 0.48   | 5.1 | 0.31   | 4.2 | NW  | 315 |
|    | 12       | 0.66   | 5.1 | 0.50   | 5.6 | 0.40   | 5.3 | 0.26   | 4.4 | NW  | 315 |
|    | 14       | 0.63   | 2.9 | 0.52   | 5.3 | 0.40   | 5.0 | 0.26   | 3.9 | NNW | 335 |
|    | 16       | 0.72   | 5.2 | 0.51   | 4.6 | 0.41   | 4.4 | 0.27   | 3.6 | NNW | 330 |
|    | 18       | 0.63   | 5.2 | 0.47   | 4.2 | 0.38   | 4.4 | 0.25   | 3.7 | NNE | 30  |
|    | 20       | 0.58   | 3.3 | 0.42   | 5.0 | 0.34   | 4.8 | 0.22   | 3.8 | NNW | 331 |
|    | 22       | 0.74   | 3.4 | 0.55   | 4.0 | 0.42   | 4.0 | 0.28   | 3.5 | NE  | 42  |
|    | 最大<br>平均 | 1.11   | 5.7 | 0.77   | 6.1 | 0.63   | 5.7 | 0.40   | 4.8 |     |     |
|    |          | 0.77   | 5.1 | 0.58   | 5.3 | 0.47   | 5.1 | 0.30   | 4.2 |     |     |
| 06 | 00       | 0.76   | 3.6 | 0.61   | 4.1 | 0.47   | 4.2 | 0.31   | 3.8 | NNE | 17  |
|    | 02       | 0.76   | 3.5 | 0.59   | 4.1 | 0.46   | 4.1 | 0.29   | 3.7 | NE  | 36  |
|    | 04       | 0.79   | 4.1 | 0.59   | 4.1 | 0.45   | 4.2 | 0.29   | 3.8 | NNE | 24  |
|    | 06       | 0.69   | 4.6 | 0.48   | 4.1 | 0.38   | 4.1 | 0.25   | 3.7 | W   | 277 |
|    | 08       | 0.65   | 3.8 | 0.39   | 3.9 | 0.31   | 3.9 | 0.20   | 3.5 | N   | 0   |
|    | 10       | 0.62   | 4.2 | 0.45   | 3.9 | 0.36   | 3.9 | 0.23   | 3.5 | WNW | 284 |
|    | 12       | 0.67   | 3.2 | 0.51   | 3.3 | 0.39   | 3.5 | 0.25   | 3.1 | NE  | 34  |
|    | 14       | 1.07   | 3.0 | 0.78   | 3.7 | 0.62   | 3.6 | 0.40   | 3.3 | NE  | 53  |
|    | 16       | 1.43   | 4.3 | 0.90   | 4.0 | 0.73   | 4.0 | 0.47   | 3.6 | NE  | 47  |
|    | 18       | 1.42   | 4.0 | * 1.07 | 4.3 | * 0.84 | 4.2 | * 0.53 | 3.7 | NE  | 42  |
|    | 20       | * 1.45 | 4.7 | 0.99   | 4.5 | 0.77   | 4.5 | 0.49   | 4.0 | NNE | 29  |
|    | 22       | 1.29   | 4.9 | 0.93   | 4.7 | 0.75   | 4.6 | 0.47   | 4.2 | NNE | 29  |
|    | 最大<br>平均 | 1.45   | 4.7 | 1.07   | 4.3 | 0.84   | 4.2 | 0.53   | 3.7 |     |     |
|    |          | 0.97   | 4.0 | 0.69   | 4.1 | 0.54   | 4.1 | 0.35   | 3.7 |     |     |
| 07 | 00       | * 1.17 | 4.4 | * 0.80 | 4.7 | * 0.62 | 4.7 | * 0.41 | 4.3 | NNE | 33  |
|    | 02       | 0.75   | 4.5 | 0.65   | 4.7 | 0.53   | 4.7 | 0.33   | 4.2 | NE  | 37  |
|    | 04       | 0.92   | 4.2 | 0.66   | 4.7 | 0.51   | 4.7 | 0.33   | 4.2 | NNW | 335 |
|    | 06       | 0.79   | 4.6 | 0.54   | 4.8 | 0.42   | 4.8 | 0.28   | 4.1 | NNE | 16  |
|    | 08       | 0.65   | 4.8 | 0.42   | 4.7 | 0.33   | 4.8 | 0.21   | 4.0 | NE  | 41  |
|    | 10       | 0.51   | 5.2 | 0.41   | 5.2 | 0.33   | 5.1 | 0.22   | 4.3 | NNE | 25  |
|    | 12       | 0.58   | 5.2 | 0.43   | 5.2 | 0.35   | 5.2 | 0.23   | 4.5 | NNE | 29  |
|    | 14       | 0.62   | 5.0 | 0.45   | 5.2 | 0.36   | 5.1 | 0.22   | 4.1 | NE  | 37  |
|    | 16       | 0.54   | 5.4 | 0.37   | 4.9 | 0.30   | 4.7 | 0.19   | 3.5 | NE  | 37  |
|    | 18       | 0.58   | 4.9 | 0.43   | 4.7 | 0.34   | 4.4 | 0.22   | 3.5 | NE  | 47  |
|    | 20       | 0.50   | 5.5 | 0.43   | 5.8 | 0.34   | 5.6 | 0.21   | 4.4 | N   | 0   |
|    | 22       | 0.50   | 6.1 | 0.34   | 5.4 | 0.28   | 5.3 | 0.18   | 3.9 | NNE | 33  |
|    | 最大<br>平均 | 1.17   | 4.4 | 0.80   | 4.7 | 0.62   | 4.7 | 0.41   | 4.3 |     |     |
|    |          | 0.68   | 5.0 | 0.49   | 5.0 | 0.39   | 4.9 | 0.25   | 4.1 |     |     |
| 08 | 00       | 0.52   | 5.3 | 0.33   | 5.7 | 0.26   | 5.5 | 0.16   | 4.3 | NE  | 37  |
|    | 02       | 0.35   | 5.7 | 0.27   | 5.4 | 0.22   | 5.3 | 0.14   | 4.2 | NNE | 25  |
|    | 04       | 0.42   | 4.2 | 0.28   | 4.8 | 0.22   | 4.8 | 0.15   | 3.8 | NE  | 37  |
|    | 06       | 0.43   | 3.9 | 0.30   | 5.5 | 0.24   | 5.3 | 0.15   | 4.2 | NNE | 33  |
|    | 08       | 0.35   | 4.7 | 0.25   | 5.4 | 0.20   | 5.2 | 0.13   | 4.1 | NE  | 37  |
|    | 10       | 0.34   | 3.2 | 0.26   | 4.6 | 0.21   | 4.8 | 0.13   | 3.9 | NE  | 37  |
|    | 12       | 0.37   | 4.4 | 0.24   | 5.3 | 0.19   | 4.9 | 0.12   | 3.9 |     |     |
|    | 14       | 0.29   | 4.4 | 0.24   | 5.2 | 0.20   | 4.9 | 0.13   | 3.8 | NNW | 344 |
|    | 16       | 0.40   | 5.0 | 0.27   | 4.8 | 0.22   | 4.4 | 0.15   | 3.3 | NW  | 312 |
|    | 18       | 0.36   | 2.6 | 0.27   | 3.8 | 0.23   | 3.7 | 0.15   | 2.9 | NNE | 29  |
|    | 20       | 0.94   | 3.8 | 0.63   | 3.7 | 0.49   | 3.8 | 0.31   | 3.5 | NNE | 21  |
|    | 22       | * 1.23 | 4.2 | * 0.78 | 4.0 | * 0.62 | 4.1 | * 0.41 | 3.9 | N   | 4   |
|    | 最大<br>平均 | 1.23   | 4.2 | 0.78   | 4.0 | 0.62   | 4.1 | 0.41   | 3.9 |     |     |
|    |          | 0.50   | 4.3 | 0.34   | 4.9 | 0.28   | 4.7 | 0.18   | 3.8 |     |     |
| 09 | 00       | 0.91   | 3.9 | 0.70   | 4.2 | 0.56   | 4.2 | 0.36   | 3.8 | NNE | 30  |
|    | 02       | 0.90   | 4.0 | 0.62   | 4.1 | 0.52   | 4.2 | 0.34   | 3.8 | NNE | 22  |
|    | 04       | 0.76   | 4.1 | 0.54   | 4.2 | 0.44   | 4.2 | 0.28   | 3.7 | N   | 6   |
|    | 06       | 0.52   | 4.3 | 0.43   | 4.1 | 0.35   | 4.1 | 0.22   | 3.5 | NE  | 38  |
|    | 08       | 0.59   | 2.4 | 0.38   | 3.1 | 0.30   | 3.2 | 0.20   | 2.7 | W   | 278 |
|    | 10       | 0.95   | 2.2 | 0.54   | 2.6 | 0.43   | 2.7 | 0.28   | 2.5 | NE  | 56  |
|    | 12       | 0.51   | 4.1 | 0.39   | 4.3 | 0.31   | 4.0 | 0.20   | 3.2 | W   | 262 |
|    | 14       | 0.61   | 5.8 | 0.43   | 6.0 | 0.34   | 6.0 | 0.22   | 4.6 | NNW | 335 |
|    | 16       | 4.12   | 5.1 | 3.43   | 5.8 | 2.74   | 6.0 | 1.79   | 5.3 | W   | 270 |
|    | 18       | * 5.47 | 7.7 | * 4.30 | 6.9 | * 3.49 | 7.2 | * 2.17 | 5.9 | W   | 270 |
|    | 20       | 3.26   | 6.0 | 2.48   | 5.3 | 2.03   | 5.4 | 1.26   | 4.6 | W   | 270 |
|    | 22       | 2.48   | 5.3 | 1.91   | 5.1 | 1.52   | 5.4 | 0.97   | 4.6 | NW  | 319 |

|    |    |        |        |        |        |        |        |        |        |     |     |     |
|----|----|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|
|    |    |        |        |        |        |        |        |        |        |     |     |     |
|    | 最大 | 5.47   | 7.7    | 4.30   | 6.9    | 3.49   | 7.2    | 2.17   | 5.9    |     |     |     |
|    | 平均 | 1.76   | 4.6    | 1.35   | 4.6    | 1.09   | 4.7    | 0.69   | 4.0    |     |     |     |
| 10 | 00 | * 2.13 | 3.8    | * 1.66 | 5.2    | * 1.35 | 5.2    | * 0.83 | 4.3    | NNW | 331 |     |
|    | 02 | 1.76   | 5.3    | 1.39   | 5.4    | 1.08   | 5.5    | 0.67   | 4.5    | NW  | 323 |     |
|    | 04 | 1.55   | 5.2    | 1.25   | 5.9    | 1.02   | 5.9    | 0.63   | 5.0    | NNW | 331 |     |
|    | 06 | 1.11   | 7.1    | 0.96   | 6.2    | 0.79   | 6.0    | 0.50   | 5.0    | NNW | 344 |     |
|    | 08 | 1.16   | 5.6    | 0.91   | 5.6    | 0.73   | 5.8    | 0.47   | 4.8    | NNW | 335 |     |
|    | 10 | 1.19   | 4.7    | 0.87   | 5.2    | 0.70   | 5.1    | 0.46   | 4.7    | NNW | 335 |     |
|    | 12 | 1.28   | 4.9    | 0.80   | 5.0    | 0.63   | 5.0    | 0.41   | 4.5    | NNE | 16  |     |
|    | 14 | 1.05   | 4.9    | 0.84   | 4.1    | 0.69   | 4.2    | 0.47   | 3.9    | WNW | 303 |     |
|    | 16 | 1.52   | 4.3    | 1.01   | 4.1    | 0.79   | 4.0    | 0.51   | 3.7    | WSW | 248 |     |
|    | 18 | 1.18   | 4.2    | 0.98   | 4.4    | 0.79   | 4.4    | 0.52   | 3.9    | W   | 263 |     |
|    | 20 | 1.07   | 4.2    | 0.87   | 4.4    | 0.67   | 4.5    | 0.43   | 4.1    | NE  | 37  |     |
|    | 22 | 1.04   | 4.5    | 0.65   | 4.5    | 0.53   | 4.6    | 0.35   | 4.3    | NE  | 41  |     |
|    | 最大 | 2.13   | 3.8    | 1.66   | 5.2    | 1.35   | 5.2    | 0.83   | 4.3    |     |     |     |
|    | 平均 | 1.34   | 4.9    | 1.02   | 5.0    | 0.81   | 5.0    | 0.52   | 4.4    |     |     |     |
|    | 11 | 00     | 0.82   | 4.2    | 0.53   | 4.4    | 0.42   | 4.5    | 0.28   | 4.0 | NNE | 12  |
|    |    | 02     | 0.70   | 4.6    | 0.52   | 4.4    | 0.41   | 4.4    | 0.28   | 4.1 | WSW | 241 |
|    |    | 04     | 0.55   | 4.8    | 0.45   | 4.6    | 0.37   | 4.6    | 0.24   | 4.0 | NE  | 37  |
|    |    | 06     | 0.56   | 4.5    | 0.41   | 4.6    | 0.34   | 4.6    | 0.21   | 3.9 | NNW | 348 |
|    |    | 08     | 0.45   | 4.4    | 0.33   | 4.6    | 0.27   | 4.5    | 0.18   | 4.0 | NE  | 41  |
|    |    | 10     | 0.82   | 3.1    | 0.49   | 3.3    | 0.38   | 3.4    | 0.25   | 3.1 | WSW | 256 |
|    |    | 12     | 0.36   | 4.8    | 0.26   | 4.0    | 0.21   | 4.0    | 0.15   | 3.2 | WNW | 285 |
|    |    | 14     | 0.57   | 4.6    | 0.34   | 3.8    | 0.27   | 3.6    | 0.18   | 3.1 | WSW | 243 |
| 16 |    | 0.78   | 5.5    | 0.54   | 4.0    | 0.43   | 3.7    | 0.27   | 3.1    | WNW | 290 |     |
| 18 |    | 1.44   | 4.2    | 0.93   | 4.3    | 0.73   | 4.4    | 0.47   | 3.9    | W   | 275 |     |
| 20 |    | * 2.33 | 5.8    | * 1.99 | 5.1    | * 1.64 | 5.2    | * 1.04 | 4.6    | WNW | 290 |     |
| 22 |    | 1.93   | 5.0    | 1.37   | 4.6    | 1.07   | 4.8    | 0.70   | 4.3    | W   | 266 |     |
| 最大 |    | 2.33   | 5.8    | 1.99   | 5.1    | 1.64   | 5.2    | 1.04   | 4.6    |     |     |     |
| 平均 |    | 0.94   | 4.6    | 0.68   | 4.3    | 0.55   | 4.3    | 0.35   | 3.8    |     |     |     |
| 12 |    | 00     | 2.85   | 4.4    | 1.99   | 4.6    | 1.63   | 4.7    | 1.03   | 4.3 | W   | 262 |
|    |    | 02     | 2.64   | 4.5    | 2.09   | 4.5    | 1.61   | 4.7    | 1.02   | 4.2 | W   | 270 |
|    |    | 04     | 3.04   | 4.6    | 2.28   | 4.9    | 1.84   | 4.9    | 1.20   | 4.5 | W   | 270 |
|    |    | 06     | 2.35   | 4.8    | 1.93   | 5.2    | 1.55   | 5.1    | 0.99   | 4.3 | W   | 278 |
|    |    | 08     | 2.66   | 5.9    | 1.98   | 4.7    | 1.59   | 4.6    | 1.03   | 4.0 | W   | 278 |
|    |    | 10     | 2.64   | 6.0    | 2.04   | 5.3    | 1.57   | 5.3    | 0.97   | 4.2 | NW  | 315 |
|    |    | 12     | 3.18   | 6.7    | 2.46   | 6.4    | 1.96   | 6.1    | 1.23   | 4.8 | WNW | 286 |
|    |    | 14     | 3.49   | 7.4    | 2.78   | 6.8    | 2.22   | 6.6    | 1.35   | 5.1 | WNW | 303 |
|    | 16 | 3.28   | 5.1    | 2.65   | 6.3    | 2.15   | 6.1    | 1.34   | 5.1    | NW  | 307 |     |
|    | 18 | 4.66   | 6.3    | 2.92   | 7.1    | 2.26   | 6.6    | 1.39   | 5.5    | NNW | 327 |     |
|    | 20 | 4.41   | 10.1   | 3.67   | 10.2   | * 2.86 | 9.6    | * 1.81 | 7.5    | NW  | 319 |     |
|    | 22 | * 5.04 | 9.8    | * 3.71 | 9.6    | 2.76   | 9.5    | 1.76   | 7.6    | NW  | 319 |     |
|    | 最大 | 5.04   | 9.8    | 3.71   | 9.6    | 2.86   | 9.6    | 1.81   | 7.5    |     |     |     |
|    | 平均 | 3.35   | 6.3    | 2.54   | 6.3    | 2.00   | 6.2    | 1.26   | 5.1    |     |     |     |
|    | 13 | 00     | * 4.02 | 9.4    | * 3.25 | 9.1    | * 2.48 | 9.3    | 1.46   | 6.8 | NW  | 323 |
|    |    | 02     | 3.62   | 8.9    | 2.84   | 9.2    | 2.30   | 9.0    | * 1.50 | 6.9 | NNW | 331 |
|    |    | 04     | 3.50   | 8.5    | 2.91   | 8.0    | 2.31   | 7.9    | 1.46   | 5.8 | NW  | 323 |
|    |    | 06     | 2.95   | 8.6    | 2.45   | 9.0    | 2.02   | 8.3    | 1.24   | 6.0 | NNW | 327 |
|    |    | 08     | 2.90   | 8.0    | 2.04   | 8.1    | 1.64   | 7.7    | 1.04   | 5.8 | NW  | 311 |
|    |    | 10     | 2.63   | 7.6    | 2.20   | 8.2    | 1.75   | 7.8    | 1.07   | 5.6 | NW  | 319 |
|    |    | 12     | 3.04   | 6.9    | 2.10   | 7.2    | 1.67   | 7.0    | 1.07   | 5.5 | NW  | 319 |
|    |    | 14     | 2.33   | 7.9    | 1.89   | 7.7    | 1.52   | 7.1    | 0.94   | 5.1 | NW  | 315 |
| 16 |    | 2.77   | 7.3    | 2.07   | 7.5    | 1.61   | 7.0    | 1.01   | 5.3    | NW  | 323 |     |
| 18 |    | 2.55   | 7.6    | 2.07   | 7.9    | 1.63   | 7.6    | 1.05   | 5.9    | NW  | 319 |     |
| 20 |    | 2.62   | 8.8    | 2.11   | 8.4    | 1.66   | 8.0    | 1.03   | 6.4    | NNW | 335 |     |
| 22 |    | 2.17   | 7.5    | 1.88   | 8.0    | 1.53   | 8.1    | 0.99   | 6.7    | NNW | 335 |     |
| 最大 |    | 4.02   | 9.4    | 3.25   | 9.1    | 2.48   | 9.3    | 1.50   | 6.9    |     |     |     |
| 平均 |    | 2.93   | 8.1    | 2.32   | 8.2    | 1.84   | 7.9    | 1.16   | 6.0    |     |     |     |
| 14 |    | 00     | * 3.11 | 7.9    | * 2.50 | 8.2    | * 1.92 | 8.2    | * 1.21 | 7.3 | NW  | 323 |
|    |    | 02     | 2.99   | 7.9    | 2.13   | 8.4    | 1.72   | 8.3    | 1.08   | 7.3 | NNW | 327 |
|    |    | 04     | 2.77   | 9.1    | 2.06   | 8.8    | 1.66   | 8.3    | 1.03   | 7.4 | NW  | 319 |
|    |    | 06     | 2.44   | 8.2    | 2.07   | 8.4    | 1.63   | 8.3    | 1.01   | 7.3 | NNW | 327 |
|    |    | 08     | 2.10   | 7.6    | 1.69   | 7.9    | 1.36   | 7.9    | 0.80   | 6.8 | NNW | 331 |
|    |    | 10     | 2.52   | 7.5    | 1.61   | 7.8    | 1.29   | 7.7    | 0.81   | 6.6 | NNW | 331 |
|    |    | 12     | 1.84   | 7.7    | 1.52   | 7.5    | 1.21   | 7.4    | 0.79   | 6.7 | NW  | 323 |
|    |    | 14     | 1.63   | 7.1    | 1.38   | 7.5    | 1.12   | 7.7    | 0.71   | 6.6 | NNW | 331 |

|    |      |        |        |        |        |        |        |        |        |     |     |     |
|----|------|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|
|    | 16   |        | 1.72   | 8.1    | 1.35   | 7.1    | 1.05   | 7.3    | 0.69   | 6.5 | NNW | 335 |
|    | 18   |        | 1.57   | 7.0    | 1.22   | 7.3    | 0.99   | 7.3    | 0.65   | 6.2 | NNW | 331 |
|    | 20   |        | 1.41   | 7.4    | 1.02   | 6.8    | 0.81   | 7.0    | 0.52   | 6.1 | NW  | 319 |
|    | 22   |        | 1.10   | 6.4    | 0.88   | 6.8    | 0.70   | 6.7    | 0.43   | 5.9 | NNW | 344 |
|    | 最大   |        | 3.11   | 7.9    | 2.50   | 8.2    | 1.92   | 8.2    | 1.21   | 7.3 |     |     |
|    | 平均   |        | 2.10   | 7.7    | 1.62   | 7.7    | 1.29   | 7.7    | 0.81   | 6.7 |     |     |
|    | 15   | 00     | 0.90   | 6.6    | * 0.72 | 7.1    | * 0.59 | 7.1    | * 0.39 | 6.1 | NNW | 327 |
|    |      | 02     | * 1.14 | 6.8    | 0.71   | 7.2    | 0.53   | 7.5    | 0.34   | 6.4 | NNW | 327 |
| 04 |      | 0.89   | 7.4    | 0.60   | 7.0    | 0.47   | 7.4    | 0.30   | 6.1    | NW  | 311 |     |
| 06 |      | 0.59   | 8.3    | 0.44   | 7.6    | 0.34   | 6.7    | 0.21   | 5.0    | NW  | 319 |     |
| 08 |      | 0.43   | 5.6    | 0.32   | 7.2    | 0.26   | 6.5    | 0.16   | 4.4    | NNW | 344 |     |
| 10 |      | 0.40   | 8.1    | 0.33   | 7.3    | 0.27   | 6.7    | 0.17   | 4.7    | NNW | 340 |     |
| 12 |      | 0.39   | 9.0    | 0.27   | 7.1    | 0.22   | 6.6    | 0.14   | 5.0    | NNW | 331 |     |
| 14 |      | 0.43   | 7.1    | 0.29   | 6.0    | 0.24   | 6.2    | 0.15   | 4.7    | NW  | 323 |     |
| 16 |      | 0.40   | 3.3    | 0.25   | 5.6    | 0.19   | 5.5    | 0.12   | 4.1    | NNW | 327 |     |
| 18 |      | 0.30   | 7.3    | 0.22   | 6.4    | 0.17   | 5.8    | 0.11   | 3.9    | NNW | 327 |     |
| 20 | 0.36 | 2.8    | 0.28   | 4.0    | 0.21   | 4.1    | 0.14   | 3.2    | WSW    | 257 |     |     |
| 22 | 1.05 | 9.3    | 0.71   | 8.2    | 0.53   | 6.7    | 0.32   | 4.4    | NNW    | 327 |     |     |
|    | 最大   |        | 1.14   | 6.8    | 0.72   | 7.1    | 0.59   | 7.1    | 0.39   | 6.1 |     |     |
|    | 平均   |        | 0.61   | 6.8    | 0.43   | 6.7    | 0.34   | 6.4    | 0.21   | 4.8 |     |     |
|    | 16   | 00     | 2.50   | 7.6    | 2.08   | 7.9    | 1.67   | 8.0    | 1.01   | 6.2 | NNW | 335 |
|    |      | 02     | 3.09   | 8.4    | 2.37   | 8.4    | 1.92   | 8.0    | 1.21   | 6.4 | NNW | 340 |
| 04 |      | 3.09   | 7.8    | 2.63   | 8.0    | 2.04   | 7.9    | 1.24   | 6.3    | N   | 352 |     |
| 06 |      | 4.76   | 7.7    | 2.77   | 7.5    | 2.19   | 7.2    | 1.39   | 5.6    |     |     |     |
| 08 |      | 5.86   | 7.5    | 4.21   | 7.9    | 3.32   | 8.0    | 2.12   | 6.5    | NNW | 344 |     |
| 10 |      | 5.70   | 8.8    | 4.73   | 8.9    | 3.84   | 8.6    | 2.42   | 6.9    | NNW | 344 |     |
| 12 |      | * 9.65 | 8.3    | * 5.92 | 9.2    | * 4.55 | 8.8    | * 2.87 | 7.5    | NNW | 348 |     |
| 14 |      | 6.76   | 8.2    | 5.24   | 8.6    | 4.13   | 8.4    | 2.51   | 6.8    | NNW | 348 |     |
| 16 |      | 6.41   | 9.1    | 5.01   | 8.9    | 4.08   | 9.0    | 2.54   | 7.3    | NNW | 335 |     |
| 18 |      | 6.03   | 7.7    | 5.06   | 7.9    | 3.99   | 8.1    | 2.60   | 7.1    | N   | 0   |     |
| 20 | 5.61 | 7.6    | 4.62   | 9.3    | 3.83   | 8.9    | 2.56   | 7.4    | NNW    | 344 |     |     |
| 22 | 5.38 | 7.9    | 4.30   | 8.9    | 3.41   | 8.6    | 2.19   | 6.8    | NNW    | 348 |     |     |
|    | 最大   |        | 9.65   | 8.3    | 5.92   | 9.2    | 4.55   | 8.8    | 2.87   | 7.5 |     |     |
|    | 平均   |        | 5.40   | 8.1    | 4.08   | 8.5    | 3.25   | 8.3    | 2.06   | 6.7 |     |     |
|    | 17   | 00     | 5.19   | 5.3    | 3.90   | 8.4    | 3.03   | 8.1    | * 1.91 | 6.2 | NNW | 335 |
|    |      | 02     | 5.57   | 8.5    | * 3.97 | 8.8    | * 3.05 | 8.3    | 1.90   | 6.5 | NNW | 340 |
| 04 |      | 4.73   | 8.3    | 3.71   | 7.9    | 2.99   | 8.1    | 1.82   | 6.4    | NNW | 340 |     |
| 06 |      | 3.79   | 8.8    | 3.11   | 8.2    | 2.53   | 7.6    | 1.63   | 6.1    | NNW | 340 |     |
| 08 |      | * 5.73 | 7.7    | 3.31   | 8.1    | 2.49   | 8.2    | 1.55   | 6.4    | NW  | 323 |     |
| 10 |      | 4.22   | 7.7    | 2.65   | 8.0    | 2.04   | 7.3    | 1.26   | 5.8    | N   | 356 |     |
| 12 |      | 3.24   | 7.5    | 2.60   | 8.0    | 2.03   | 7.6    | 1.22   | 5.7    | NNE | 16  |     |
| 14 |      | 2.91   | 7.9    | 2.28   | 7.8    | 1.78   | 7.3    | 1.12   | 5.8    | N   | 8   |     |
| 16 |      | 3.05   | 6.8    | 1.89   | 7.1    | 1.57   | 7.0    | 1.02   | 5.8    | NNW | 348 |     |
| 18 |      | 2.21   | 8.2    | 1.77   | 7.0    | 1.45   | 7.3    | 0.92   | 5.9    | NNW | 331 |     |
| 20 | 1.94 | 8.4    | 1.52   | 7.4    | 1.27   | 7.3    | 0.83   | 6.0    | NW     | 323 |     |     |
| 22 | 1.83 | 7.1    | 1.49   | 7.8    | 1.19   | 7.6    | 0.77   | 6.1    | N      | 0   |     |     |
|    | 最大   |        | 5.73   | 7.7    | 3.97   | 8.8    | 3.05   | 8.3    | 1.91   | 6.2 |     |     |
|    | 平均   |        | 3.70   | 7.7    | 2.68   | 7.9    | 2.12   | 7.6    | 1.33   | 6.1 |     |     |
|    | 18   | 00     | 1.73   | 6.6    | 1.39   | 7.4    | 1.13   | 7.7    | * 0.74 | 6.4 | NNE | 12  |
|    |      | 02     | * 1.81 | 7.7    | * 1.46 | 7.1    | * 1.18 | 7.2    | 0.74   | 6.3 | N   | 352 |
| 04 |      | 1.57   | 8.9    | 1.20   | 7.8    | 0.97   | 7.1    | 0.63   | 5.9    | N   | 8   |     |
| 06 |      | 1.79   | 6.7    | 1.19   | 7.2    | 0.94   | 7.1    | 0.59   | 5.9    | N   | 8   |     |
| 08 |      | 1.39   | 6.3    | 1.06   | 6.5    | 0.86   | 6.7    | 0.55   | 5.8    | N   | 0   |     |
| 10 |      | 1.05   | 6.1    | 0.86   | 6.7    | 0.71   | 6.7    | 0.44   | 5.5    | NNW | 327 |     |
| 12 |      | 1.15   | 7.3    | 0.89   | 6.4    | 0.71   | 6.2    | 0.45   | 4.6    | NNW | 344 |     |
| 14 |      | 1.52   | 6.8    | 0.96   | 6.1    | 0.76   | 5.8    | 0.48   | 4.3    | NNW | 344 |     |
| 16 |      | 1.34   | 4.1    | 1.02   | 5.4    | 0.83   | 5.1    | 0.53   | 4.1    | N   | 356 |     |
| 18 |      | 1.20   | 7.0    | 0.92   | 6.0    | 0.73   | 5.3    | 0.48   | 4.4    | NNW | 331 |     |
| 20 | 1.41 | 6.7    | 0.98   | 6.2    | 0.78   | 5.8    | 0.51   | 4.8    | N      | 4   |     |     |
| 22 | 0.99 | 5.7    | 0.87   | 6.2    | 0.73   | 6.0    | 0.47   | 4.9    | NNE    | 20  |     |     |
|    | 最大   |        | 1.81   | 7.7    | 1.46   | 7.1    | 1.18   | 7.2    | 0.74   | 6.4 |     |     |
|    | 平均   |        | 1.41   | 6.7    | 1.07   | 6.6    | 0.86   | 6.4    | 0.55   | 5.2 |     |     |
|    | 19   | 00     | * 1.25 | 6.0    | * 0.90 | 6.2    | * 0.72 | 6.4    | * 0.47 | 5.3 | N   | 0   |
|    |      | 02     | 1.06   | 6.7    | 0.82   | 6.4    | 0.70   | 6.4    | 0.45   | 5.3 | NNE | 12  |
| 04 |      | 0.98   | 7.3    | 0.77   | 6.2    | 0.63   | 6.3    | 0.41   | 5.0    | N   | 356 |     |
| 06 |      | 0.98   | 5.7    | 0.73   | 5.9    | 0.58   | 5.7    | 0.37   | 4.6    | NW  | 319 |     |
| 08 |      | 0.97   | 5.5    | 0.63   | 5.6    | 0.52   | 5.8    | 0.33   | 4.7    | N   | 8   |     |
| 10 |      | 0.84   | 5.6    | 0.62   | 5.7    | 0.50   | 5.9    | 0.32   | 4.8    | NW  | 323 |     |
| 最大 |      |        |        |        |        |        |        |        |        |     |     |     |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 12 | 0.83   | 5.7 | 0.55   | 6.0 | 0.45   | 6.0 | 0.29   | 5.1 | N   | 0   |
|    | 14 | 0.65   | 6.0 | 0.51   | 5.8 | 0.41   | 5.7 | 0.27   | 4.7 | NW  | 323 |
|    | 16 | 0.76   | 6.2 | 0.50   | 6.2 | 0.41   | 6.0 | 0.25   | 4.7 | NNW | 331 |
|    | 18 | 0.55   | 4.7 | 0.43   | 5.7 | 0.36   | 5.6 | 0.23   | 4.6 | NNE | 20  |
|    | 20 | 0.66   | 3.8 | 0.48   | 5.0 | 0.38   | 5.4 | 0.24   | 4.2 | N   | 0   |
|    | 22 | 0.77   | 4.0 | 0.48   | 4.8 | 0.39   | 4.8 | 0.25   | 4.0 | NW  | 323 |
|    | 最大 | 1.25   | 6.0 | 0.90   | 6.2 | 0.72   | 6.4 | 0.47   | 5.3 |     |     |
|    | 平均 | 0.86   | 5.6 | 0.62   | 5.8 | 0.50   | 5.8 | 0.32   | 4.8 |     |     |
| 20 | 00 | 0.51   | 4.4 | 0.39   | 4.8 | 0.31   | 5.1 | * 0.21 | 4.2 | NNW | 344 |
|    | 02 | 0.48   | 4.6 | 0.39   | 4.8 | * 0.32 | 4.6 | 0.21   | 3.7 | WSW | 237 |
|    | 04 | 0.46   | 5.2 | 0.39   | 4.4 | 0.32   | 4.5 | 0.21   | 4.0 | NNW | 348 |
|    | 06 | 0.43   | 4.6 | 0.33   | 4.7 | 0.26   | 4.7 | 0.17   | 3.8 | N   | 8   |
|    | 08 | 0.52   | 4.4 | 0.35   | 4.3 | 0.28   | 4.4 | 0.18   | 3.6 | WSW | 256 |
|    | 10 | * 0.59 | 3.7 | * 0.40 | 3.9 | 0.31   | 3.9 | 0.21   | 3.3 | WSW | 256 |
|    | 12 | 0.47   | 4.5 | 0.34   | 4.4 | 0.27   | 4.2 | 0.18   | 3.4 | W   | 274 |
|    | 14 | 0.45   | 2.8 | 0.31   | 4.1 | 0.25   | 4.1 | 0.16   | 3.3 | W   | 270 |
|    | 16 | 0.44   | 3.2 | 0.30   | 4.0 | 0.25   | 3.9 | 0.16   | 3.4 |     |     |
|    | 18 | 0.38   | 3.8 | 0.28   | 3.9 | 0.23   | 3.9 | 0.15   | 3.4 | N   | 6   |
|    | 20 | 0.42   | 3.2 | 0.29   | 3.4 | 0.24   | 3.3 | 0.15   | 2.9 | N   | 359 |
|    | 22 | 0.42   | 3.3 | 0.28   | 3.8 | 0.22   | 3.9 | 0.14   | 3.3 | NE  | 40  |
|    | 最大 | 0.59   | 3.7 | 0.40   | 3.9 | 0.32   | 4.6 | 0.21   | 4.2 |     |     |
|    | 平均 | 0.46   | 4.0 | 0.34   | 4.2 | 0.27   | 4.2 | 0.18   | 3.5 |     |     |
| 21 | 00 | * 0.55 | 3.2 | * 0.40 | 3.5 | * 0.32 | 3.6 | * 0.21 | 3.4 | WNW | 282 |
|    | 02 | 0.51   | 3.7 | 0.37   | 3.9 | 0.30   | 3.9 | 0.19   | 3.6 | WSW | 246 |
|    | 04 | 0.42   | 4.2 | 0.36   | 4.0 | 0.30   | 4.0 | 0.20   | 3.6 | WSW | 247 |
|    | 06 | 0.42   | 3.4 | 0.31   | 4.2 | 0.25   | 4.0 | 0.16   | 3.3 | WSW | 244 |
|    | 08 | 0.48   | 4.6 | 0.29   | 4.1 | 0.23   | 4.2 | 0.15   | 3.5 | NNE | 27  |
|    | 10 | 0.32   | 4.7 | 0.26   | 4.6 | 0.21   | 4.4 | 0.14   | 3.6 | W   | 273 |
|    | 12 | 0.36   | 5.0 | 0.26   | 4.6 | 0.21   | 4.8 | 0.14   | 3.9 | NNW | 335 |
|    | 14 | 0.35   | 3.8 | 0.25   | 4.2 | 0.20   | 4.4 | 0.14   | 3.8 | NNE | 19  |
|    | 16 | 0.33   | 4.4 | 0.23   | 4.7 | 0.19   | 4.7 | 0.12   | 3.7 |     |     |
|    | 18 | 0.29   | 4.3 | 0.24   | 5.0 | 0.19   | 4.9 | 0.12   | 3.9 |     |     |
|    | 20 | 0.30   | 4.7 | 0.23   | 4.9 | 0.19   | 5.1 | 0.12   | 4.0 | NW  | 315 |
|    | 22 | 0.31   | 4.7 | 0.23   | 4.6 | 0.18   | 4.7 | 0.12   | 3.8 |     |     |
|    | 最大 | 0.55   | 3.2 | 0.40   | 3.5 | 0.32   | 3.6 | 0.21   | 3.4 |     |     |
|    | 平均 | 0.39   | 4.2 | 0.29   | 4.4 | 0.23   | 4.4 | 0.15   | 3.7 |     |     |
| 22 | 00 | 0.40   | 5.0 | 0.25   | 4.7 | 0.21   | 4.7 | 0.14   | 3.9 | NW  | 307 |
|    | 02 | 0.65   | 4.2 | 0.46   | 4.9 | 0.36   | 5.0 | 0.24   | 4.6 | NNW | 327 |
|    | 04 | 0.84   | 5.2 | 0.61   | 4.9 | 0.49   | 4.9 | 0.30   | 4.4 | WNW | 295 |
|    | 06 | 0.77   | 5.0 | 0.58   | 5.2 | 0.46   | 5.0 | 0.30   | 4.5 | NW  | 311 |
|    | 08 | 1.54   | 1.6 | 1.15   | 5.1 | 0.89   | 5.1 | 0.57   | 4.8 | WNW | 299 |
|    | 10 | 1.30   | 6.6 | 1.04   | 5.6 | 0.85   | 5.5 | 0.54   | 4.8 | NW  | 315 |
|    | 12 | 1.63   | 5.9 | 1.22   | 6.6 | 1.01   | 6.7 | 0.66   | 5.5 | NW  | 319 |
|    | 14 | 1.84   | 7.8 | 1.37   | 7.3 | 1.14   | 7.4 | 0.70   | 5.8 | NW  | 311 |
|    | 16 | * 2.13 | 7.5 | * 1.72 | 7.7 | * 1.37 | 7.8 | 0.83   | 6.6 | NW  | 315 |
|    | 18 | 2.12   | 7.4 | 1.64   | 7.4 | 1.30   | 7.5 | * 0.88 | 7.0 | NW  | 319 |
|    | 20 | 1.77   | 7.3 | 1.47   | 6.9 | 1.19   | 7.2 | 0.76   | 6.4 | NW  | 315 |
|    | 22 | 1.61   | 5.9 | 1.24   | 7.2 | 1.04   | 7.2 | 0.66   | 6.0 | NW  | 319 |
|    | 最大 | 2.13   | 7.5 | 1.72   | 7.7 | 1.37   | 7.8 | 0.88   | 7.0 |     |     |
|    | 平均 | 1.38   | 5.8 | 1.06   | 6.1 | 0.86   | 6.2 | 0.55   | 5.4 |     |     |
| 23 | 00 | 1.41   | 6.3 | 1.15   | 6.9 | 0.92   | 6.7 | 0.58   | 5.9 | WNW | 303 |
|    | 02 | 1.46   | 7.8 | 1.05   | 7.3 | 0.82   | 6.8 | 0.52   | 5.9 | NW  | 319 |
|    | 04 | * 1.61 | 7.1 | 1.05   | 6.8 | 0.82   | 7.1 | 0.50   | 5.9 | NW  | 319 |
|    | 06 | 1.58   | 7.7 | 1.09   | 7.6 | 0.85   | 7.6 | 0.53   | 6.6 | NW  | 315 |
|    | 08 | 1.52   | 7.5 | 1.08   | 7.6 | 0.84   | 7.4 | 0.50   | 6.1 | NW  | 323 |
|    | 10 | 1.53   | 7.0 | * 1.17 | 7.3 | * 0.95 | 7.3 | * 0.60 | 6.6 | NNW | 327 |
|    | 12 | 1.33   | 7.7 | 1.03   | 7.3 | 0.82   | 7.1 | 0.52   | 6.3 | NNW | 327 |
|    | 14 | 1.14   | 7.3 | 0.94   | 7.2 | 0.75   | 7.1 | 0.49   | 6.3 | NNW | 327 |
|    | 16 | 1.00   | 6.3 | 0.83   | 6.5 | 0.66   | 6.9 | 0.44   | 6.4 | NW  | 315 |
|    | 18 | 1.03   | 6.2 | 0.76   | 6.2 | 0.62   | 6.5 | 0.40   | 5.7 | NW  | 319 |
|    | 20 | 1.00   | 6.5 | 0.68   | 6.7 | 0.53   | 6.6 | 0.34   | 5.7 | NNW | 327 |
|    | 22 | 0.86   | 6.5 | 0.63   | 6.6 | 0.52   | 6.7 | 0.34   | 5.7 | NNW | 335 |
|    | 最大 | 1.61   | 7.1 | 1.17   | 7.3 | 0.95   | 7.3 | 0.60   | 6.6 |     |     |
|    | 平均 | 1.29   | 7.0 | 0.96   | 7.0 | 0.76   | 7.0 | 0.48   | 6.1 |     |     |
| 24 | 00 | 0.72   | 7.5 | * 0.61 | 6.8 | * 0.49 | 6.8 | * 0.31 | 5.8 | NNW | 327 |
|    | 02 | * 0.81 | 5.9 | 0.55   | 6.4 | 0.44   | 6.5 | 0.28   | 5.3 | NW  | 315 |

|    |    |        |      |        |     |        |     |        |     |     |     |
|----|----|--------|------|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 04 | 0.66   | 6.7  | 0.55   | 6.9 | 0.44   | 6.5 | 0.26   | 5.0 | NW  | 307 |
|    | 06 | 0.74   | 5.8  | 0.56   | 6.2 | 0.46   | 6.1 | 0.28   | 5.0 | NW  | 311 |
|    | 08 | 0.53   | 6.7  | 0.43   | 6.3 | 0.37   | 5.9 | 0.23   | 4.8 | NNW | 344 |
|    | 10 | 0.60   | 5.2  | 0.44   | 6.0 | 0.35   | 5.8 | 0.22   | 4.6 | NW  | 311 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 12 | 0.46   | 4.5  | 0.37   | 5.7 | 0.29   | 5.9 | 0.19   | 4.8 | NW  | 307 |
|    | 14 | 0.69   | 5.6  | 0.40   | 5.4 | 0.32   | 5.3 | 0.20   | 4.0 | NNW | 327 |
|    | 16 | 0.53   | 5.0  | 0.38   | 5.4 | 0.30   | 5.0 | 0.19   | 3.9 | NW  | 323 |
|    | 18 | 0.48   | 5.0  | 0.32   | 5.9 | 0.25   | 5.6 | 0.16   | 4.1 | NNW | 335 |
|    | 20 | 0.45   | 5.5  | 0.30   | 5.9 | 0.24   | 5.5 | 0.15   | 4.2 | WNW | 299 |
|    | 22 | 0.34   | 6.5  | 0.26   | 5.6 | 0.21   | 5.6 | 0.13   | 4.2 | NNW | 335 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 最大 | 0.81   | 5.9  | 0.61   | 6.8 | 0.49   | 6.8 | 0.31   | 5.8 |     |     |
|    | 平均 | 0.58   | 5.8  | 0.43   | 6.0 | 0.35   | 5.9 | 0.22   | 4.6 |     |     |
|    |    |        |      |        |     |        |     |        |     |     |     |
| 25 | 00 | 0.31   | 5.9  | 0.25   | 5.6 | 0.20   | 5.5 | 0.13   | 4.7 | NNW | 335 |
|    | 02 | 0.31   | 5.9  | 0.23   | 5.5 | 0.19   | 5.3 | 0.12   | 4.1 | N   | 356 |
|    | 04 | 0.30   | 5.2  | 0.22   | 5.4 | 0.18   | 5.4 | 0.12   | 3.9 | WNW | 286 |
|    | 06 | 0.31   | 5.0  | 0.22   | 4.8 | 0.18   | 5.0 | 0.12   | 4.1 | N   | 0   |
|    | 08 | 0.30   | 6.2  | 0.23   | 5.2 | 0.18   | 4.9 | 0.12   | 3.8 | WNW | 299 |
|    | 10 | 0.28   | 4.5  | 0.22   | 5.4 | 0.17   | 5.4 | 0.11   | 4.0 | NNW | 344 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 12 | 0.31   | 5.9  | 0.24   | 6.0 | 0.19   | 5.8 | 0.12   | 4.4 | N   | 8   |
|    | 14 | 0.31   | 4.7  | 0.25   | 5.8 | 0.20   | 5.2 | 0.13   | 4.0 | WNW | 295 |
|    | 16 | 0.37   | 7.6  | 0.29   | 5.6 | 0.24   | 4.9 | 0.15   | 3.6 | WNW | 295 |
|    | 18 | 1.10   | 3.4  | 0.84   | 3.5 | 0.66   | 3.6 | 0.43   | 3.2 | W   | 279 |
|    | 20 | 2.13   | 4.9  | 1.64   | 4.8 | 1.35   | 4.8 | 0.87   | 4.3 | NW  | 307 |
|    | 22 | * 2.82 | 6.2  | * 2.22 | 5.8 | * 1.81 | 5.9 | * 1.15 | 5.0 | NW  | 311 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 最大 | 2.82   | 6.2  | 2.22   | 5.8 | 1.81   | 5.9 | 1.15   | 5.0 |     |     |
|    | 平均 | 0.74   | 5.5  | 0.57   | 5.3 | 0.46   | 5.1 | 0.30   | 4.1 |     |     |
|    |    |        |      |        |     |        |     |        |     |     |     |
| 26 | 00 | 3.06   | 5.2  | 2.36   | 5.6 | 1.86   | 5.8 | 1.17   | 4.8 | NNW | 335 |
|    | 02 | 3.29   | 6.4  | 2.64   | 6.4 | 2.10   | 6.3 | 1.35   | 5.2 | NW  | 319 |
|    | 04 | 3.32   | 6.7  | 2.57   | 6.1 | 2.09   | 6.4 | 1.30   | 4.9 | NW  | 315 |
|    | 06 | 3.25   | 6.4  | 2.57   | 7.1 | 2.04   | 6.6 | 1.31   | 5.6 | NW  | 311 |
|    | 08 | 2.93   | 6.4  | 2.21   | 7.1 | 1.82   | 7.1 | 1.16   | 5.9 | NW  | 319 |
|    | 10 | 3.81   | 6.7  | 2.19   | 7.3 | 1.69   | 7.6 | 1.05   | 6.1 | NW  | 307 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 12 | 3.18   | 7.7  | 2.23   | 8.0 | 1.76   | 8.0 | 1.12   | 6.8 | NW  | 319 |
|    | 14 | 3.36   | 6.6  | 2.74   | 8.4 | 2.32   | 8.4 | 1.53   | 6.6 | NW  | 315 |
|    | 16 | 3.40   | 8.6  | 2.82   | 7.9 | 2.30   | 7.3 | 1.50   | 5.9 | NNW | 327 |
|    | 18 | * 4.20 | 9.3  | * 3.18 | 7.4 | * 2.53 | 7.5 | * 1.64 | 6.2 | NW  | 311 |
|    | 20 | 3.71   | 9.0  | 2.88   | 7.8 | 2.37   | 7.3 | 1.47   | 5.8 | NW  | 323 |
|    | 22 | 3.94   | 10.0 | 3.05   | 8.1 | 2.48   | 7.8 | 1.62   | 6.0 | NW  | 323 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 最大 | 4.20   | 9.3  | 3.18   | 7.4 | 2.53   | 7.5 | 1.64   | 6.2 |     |     |
|    | 平均 | 3.45   | 7.4  | 2.62   | 7.3 | 2.11   | 7.2 | 1.35   | 5.8 |     |     |
|    |    |        |      |        |     |        |     |        |     |     |     |
| 27 | 00 | 4.05   | 8.1  | 3.13   | 7.6 | 2.38   | 7.1 | 1.47   | 5.6 | NW  | 319 |
|    | 02 | 3.41   | 7.2  | 2.81   | 6.9 | 2.32   | 6.8 | 1.45   | 5.4 | NNW | 327 |
|    | 04 | 3.48   | 6.9  | 3.14   | 6.7 | 2.61   | 6.8 | 1.62   | 5.4 | NW  | 315 |
|    | 06 | 4.50   | 4.8  | 3.75   | 7.1 | 2.86   | 7.0 | 1.82   | 5.8 | NW  | 315 |
|    | 08 | 4.85   | 7.2  | * 4.11 | 7.8 | * 3.44 | 7.6 | * 2.25 | 6.5 | NW  | 319 |
|    | 10 | 3.95   | 8.3  | 3.19   | 7.3 | 2.57   | 7.0 | 1.63   | 5.8 | NW  | 307 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 12 | * 4.91 | 7.2  | 3.55   | 7.5 | 2.84   | 7.6 | 1.73   | 6.0 | NW  | 315 |
|    | 14 | 3.83   | 6.1  | 3.37   | 7.6 | 2.69   | 7.6 | 1.69   | 6.0 | NW  | 319 |
|    | 16 | 4.24   | 8.2  | 3.17   | 8.2 | 2.59   | 7.4 | 1.62   | 6.0 | NW  | 319 |
|    | 18 | 3.85   | 6.1  | 2.83   | 7.8 | 2.34   | 7.5 | 1.52   | 6.0 | NW  | 319 |
|    | 20 | 3.85   | 7.3  | 2.82   | 7.9 | 2.32   | 7.7 | 1.47   | 6.3 | NW  | 311 |
|    | 22 | 2.80   | 8.5  | 2.29   | 8.3 | 1.99   | 7.9 | 1.31   | 6.4 | NW  | 319 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 最大 | 4.91   | 7.2  | 4.11   | 7.8 | 3.44   | 7.6 | 2.25   | 6.5 |     |     |
|    | 平均 | 3.98   | 7.2  | 3.18   | 7.6 | 2.58   | 7.3 | 1.63   | 5.9 |     |     |
|    |    |        |      |        |     |        |     |        |     |     |     |
| 28 | 00 | * 2.90 | 8.3  | * 2.38 | 7.9 | * 1.86 | 8.0 | * 1.17 | 6.2 | NW  | 323 |
|    | 02 | 2.25   | 8.2  | 1.85   | 7.6 | 1.54   | 7.7 | 0.99   | 6.2 | NW  | 323 |
|    | 04 | 2.12   | 7.9  | 1.75   | 7.6 | 1.37   | 7.5 | 0.84   | 6.0 | NW  | 315 |
|    | 06 | 2.08   | 6.4  | 1.66   | 7.4 | 1.32   | 7.6 | 0.84   | 6.6 | NNW | 344 |
|    | 08 | 2.53   | 7.2  | 1.70   | 7.4 | 1.37   | 7.4 | 0.84   | 6.3 | NW  | 315 |
|    | 10 | 1.89   | 6.9  | 1.43   | 7.6 | 1.15   | 7.4 | 0.72   | 6.1 | NNW | 331 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 12 | 1.66   | 8.3  | 1.33   | 7.6 | 1.08   | 7.4 | 0.71   | 6.1 | NW  | 319 |
|    | 14 | 1.57   | 7.7  | 1.26   | 7.1 | 1.04   | 7.1 | 0.67   | 6.1 | NW  | 323 |
|    | 16 | 1.76   | 6.4  | 1.12   | 6.7 | 0.91   | 6.8 | 0.58   | 5.8 | N   | 0   |
|    | 18 | 1.37   | 7.2  | 1.04   | 7.5 | 0.85   | 7.0 | 0.53   | 5.7 | NNW | 335 |
|    | 20 | 1.43   | 8.2  | 0.97   | 7.1 | 0.78   | 7.4 | 0.50   | 6.1 | NW  | 307 |
|    | 22 | 1.26   | 8.0  | 0.94   | 7.6 | 0.77   | 7.8 | 0.50   | 6.4 | NNW | 344 |
|    |    |        |      |        |     |        |     |        |     |     |     |
|    | 最大 | 2.90   | 8.3  | 2.38   | 7.9 | 1.86   | 8.0 | 1.17   | 6.2 |     |     |

|     | 平均 | 1.90   | 7.6 | 1.45   | 7.4 | 1.17   | 7.4 | 0.74   | 6.1 |     |     |
|-----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
| 29  | 00 | 1.06   | 7.8 | 0.82   | 7.4 | 0.67   | 7.7 | 0.44   | 6.1 | NNW | 348 |
|     | 02 | 1.07   | 7.4 | * 0.85 | 8.1 | * 0.69 | 8.0 | * 0.44 | 6.5 | N   | 0   |
|     | 04 | * 1.10 | 7.3 | 0.78   | 7.8 | 0.61   | 7.3 | 0.37   | 6.1 | N   | 0   |
|     | 06 | 0.85   | 7.6 | 0.68   | 7.9 | 0.54   | 7.6 | 0.34   | 6.1 | N   | 0   |
|     | 08 | 0.90   | 7.4 | 0.56   | 7.8 | 0.44   | 7.5 | 0.28   | 5.7 | NNE | 16  |
|     | 10 | 0.60   | 8.0 | 0.49   | 7.7 | 0.40   | 7.4 | 0.25   | 5.4 | NNW | 340 |
|     | 12 | 0.69   | 7.2 | 0.51   | 7.6 | 0.40   | 7.6 | 0.24   | 5.6 | N   | 4   |
|     | 14 | 0.82   | 7.3 | 0.56   | 7.0 | 0.44   | 7.0 | 0.28   | 5.6 | N   | 356 |
|     | 16 | 0.64   | 7.1 | 0.50   | 7.1 | 0.41   | 7.4 | 0.25   | 5.9 | N   | 0   |
|     | 18 | 0.72   | 6.9 | 0.49   | 6.8 | 0.38   | 6.8 | 0.25   | 5.8 | NNW | 335 |
|     | 20 | 0.63   | 9.0 | 0.46   | 7.2 | 0.36   | 7.2 | 0.22   | 5.5 | NNE | 12  |
|     | 22 | 0.47   | 8.1 | 0.40   | 7.4 | 0.33   | 7.4 | 0.21   | 5.7 | NNW | 340 |
|     | 最大 | 1.10   | 7.3 | 0.85   | 8.1 | 0.69   | 8.0 | 0.44   | 6.5 |     |     |
|     | 平均 | 0.80   | 7.6 | 0.59   | 7.5 | 0.47   | 7.4 | 0.30   | 5.8 |     |     |
| 30  | 00 | 0.45   | 8.6 | 0.39   | 7.7 | 0.33   | 7.6 | 0.21   | 6.1 | NNW | 340 |
|     | 02 | 0.50   | 6.8 | 0.38   | 7.3 | 0.30   | 6.8 | 0.19   | 4.9 | N   | 8   |
|     | 04 | 0.60   | 5.7 | 0.40   | 5.9 | 0.32   | 5.6 | 0.22   | 4.6 | WNW | 303 |
|     | 06 | 0.52   | 7.7 | 0.35   | 6.2 | 0.27   | 6.0 | 0.16   | 4.2 | NNW | 327 |
|     | 08 | 0.57   | 4.9 | 0.41   | 5.0 | 0.33   | 5.0 | 0.21   | 4.1 | NNW | 327 |
|     | 10 | 0.60   | 4.4 | 0.45   | 4.6 | 0.36   | 4.4 | 0.24   | 3.8 | NE  | 40  |
|     | 12 | 1.39   | 3.9 | 0.94   | 4.2 | 0.72   | 4.0 | 0.46   | 3.4 | NW  | 314 |
|     | 14 | * 2.66 | 4.2 | * 1.80 | 4.6 | * 1.44 | 4.5 | * 0.93 | 4.0 | W   | 274 |
|     | 16 | 2.03   | 4.2 | 1.44   | 4.2 | 1.13   | 4.3 | 0.72   | 3.6 | WNW | 286 |
|     | 18 | 1.83   | 3.6 | 1.17   | 4.5 | 0.92   | 4.6 | 0.58   | 3.9 | WNW | 286 |
|     | 20 | 1.77   | 3.7 | 1.50   | 4.7 | 1.20   | 4.5 | 0.79   | 4.1 | WNW | 295 |
|     | 22 | 1.97   | 4.7 | 1.39   | 4.6 | 1.10   | 4.4 | 0.71   | 3.9 | NW  | 306 |
|     | 最大 | 2.66   | 4.2 | 1.80   | 4.6 | 1.44   | 4.5 | 0.93   | 4.0 |     |     |
|     | 平均 | 1.24   | 5.2 | 0.89   | 5.3 | 0.70   | 5.1 | 0.45   | 4.2 |     |     |
| 31  | 00 | 1.42   | 4.1 | 1.13   | 4.6 | 0.92   | 4.6 | 0.59   | 3.7 | WNW | 303 |
|     | 02 | 1.55   | 3.9 | 1.18   | 4.5 | 0.90   | 4.5 | 0.56   | 3.7 | NW  | 315 |
|     | 04 | 1.63   | 4.4 | 1.02   | 4.3 | 0.82   | 4.4 | 0.52   | 3.8 | NW  | 306 |
|     | 06 | 1.17   | 4.0 | 0.91   | 4.8 | 0.73   | 4.8 | 0.46   | 3.9 | NW  | 307 |
|     | 08 | 1.11   | 4.6 | 0.71   | 4.9 | 0.58   | 4.8 | 0.37   | 4.1 | NW  | 307 |
|     | 10 | 1.05   | 5.0 | 0.73   | 5.8 | 0.60   | 5.6 | 0.39   | 4.5 | WNW | 290 |
|     | 12 | 1.17   | 9.1 | 0.85   | 6.7 | 0.66   | 6.1 | 0.43   | 4.6 | NW  | 311 |
|     | 14 | 0.93   | 7.2 | 0.75   | 5.9 | 0.63   | 5.7 | 0.41   | 4.2 | NW  | 311 |
|     | 16 | 1.30   | 6.4 | 0.83   | 5.7 | 0.66   | 5.5 | 0.43   | 4.3 | NW  | 319 |
|     | 18 | 1.23   | 4.1 | 0.95   | 4.9 | 0.77   | 4.7 | 0.50   | 3.9 | NW  | 311 |
|     | 20 | 1.53   | 4.5 | 1.17   | 5.0 | 0.92   | 5.0 | 0.61   | 4.2 | NNW | 335 |
|     | 22 | * 1.68 | 4.7 | * 1.22 | 5.0 | * 1.02 | 4.8 | * 0.66 | 4.2 | NNW | 340 |
|     | 最大 | 1.68   | 4.7 | 1.22   | 5.0 | 1.02   | 4.8 | 0.66   | 4.2 |     |     |
|     | 平均 | 1.31   | 5.2 | 0.95   | 5.2 | 0.77   | 5.0 | 0.49   | 4.1 |     |     |
|     |    |        |     |        |     |        |     |        |     |     |     |
| 月最大 |    | 9.65   | 8.3 | 5.92   | 9.2 | 4.55   | 8.8 | 2.87   | 7.5 |     |     |
| 起時  |    | 1612   |     | 1612   |     | 1612   |     | 1612   |     |     |     |
| 平均  |    | 1.63   | 6.0 | 1.23   | 6.1 | 0.98   | 6.0 | 0.63   | 4.9 |     |     |

\* は日最大波高を示す

波浪整理表（1）

| 波高   |       | 波向   |       |
|------|-------|------|-------|
| 規定回数 | 360 回 | 規定回数 | 360 回 |
| 測得回数 | 360 回 | 測得回数 | 355 回 |
| 欠測回数 | 0 回   | 欠測回数 | 5 回   |
| 欠測率  | 0.0 % | 欠測率  | 1.4 % |

観測所名：直江津港(直轄) | 機種：波高 海象計 -32m 波向 海象計 -32m

| 日  | 時  | H max<br>(m) | T max<br>(s) | H 1/10<br>(m) | T 1/10<br>(s) | H 1/3<br>(m) | T 1/3<br>(s) | H mean<br>(m) | T mean<br>(s) | 波向   |     |
|----|----|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|------|-----|
|    |    |              |              |               |               |              |              |               |               | 16方位 | 角度  |
| 01 | 00 | 1.69         | 4.5          | 1.27          | 4.9           | 1.03         | 5.1          | 0.66          | 4.4           | NNW  | 327 |
|    | 02 | 1.49         | 4.9          | 1.19          | 5.5           | 0.97         | 5.6          | 0.64          | 4.8           | NW   | 315 |
|    | 04 | 1.27         | 5.0          | 0.92          | 5.3           | 0.75         | 5.6          | 0.48          | 4.8           | NW   | 307 |
|    | 06 | 1.34         | 6.0          | 0.96          | 5.9           | 0.79         | 5.9          | 0.53          | 5.1           | NNW  | 335 |
|    | 08 | 1.58         | 6.2          | 1.04          | 6.8           | 0.81         | 6.7          | 0.51          | 5.6           | NW   | 319 |
|    | 10 | 1.82         | 6.5          | 1.26          | 6.8           | 1.01         | 6.8          | 0.66          | 5.9           | NNW  | 327 |
|    | 12 | * 2.14       | 7.1          | * 1.60        | 6.7           | * 1.24       | 6.9          | * 0.78        | 6.0           | NW   | 315 |
|    | 14 | 2.08         | 7.4          | 1.43          | 7.1           | 1.14         | 6.9          | 0.71          | 5.8           | NNW  | 327 |
|    | 16 | 2.04         | 7.0          | 1.40          | 6.7           | 1.07         | 6.7          | 0.68          | 5.7           | NNW  | 331 |
|    | 18 | 1.69         | 7.3          | 1.31          | 6.5           | 1.06         | 6.7          | 0.69          | 5.7           | NNW  | 327 |
|    | 20 | 1.47         | 4.8          | 1.04          | 6.4           | 0.88         | 6.3          | 0.59          | 5.8           | NW   | 319 |
|    | 22 | 1.35         | 7.1          | 1.05          | 6.7           | 0.83         | 6.8          | 0.51          | 5.6           | NW   | 311 |
|    | 最大 | 2.14         | 7.1          | 1.60          | 6.7           | 1.24         | 6.9          | 0.78          | 6.0           |      |     |
|    | 平均 | 1.66         | 6.2          | 1.21          | 6.3           | 0.97         | 6.3          | 0.62          | 5.4           |      |     |
| 02 | 00 | * 1.24       | 6.2          | * 0.93        | 6.5           | * 0.72       | 6.5          | 0.45          | 5.6           | NW   | 319 |
|    | 02 | 1.06         | 5.6          | 0.80          | 6.4           | 0.62         | 6.4          | 0.39          | 5.5           | NW   | 323 |
|    | 04 | 1.07         | 6.9          | 0.84          | 6.3           | 0.69         | 6.4          | * 0.46        | 5.8           | NNE  | 12  |
|    | 06 | 1.11         | 7.1          | 0.80          | 6.5           | 0.63         | 6.5          | 0.40          | 5.6           | NNW  | 348 |
|    | 08 | 1.22         | 6.3          | 0.84          | 6.5           | 0.64         | 6.5          | 0.41          | 5.7           | NNW  | 340 |
|    | 10 | 1.07         | 6.4          | 0.84          | 6.2           | 0.67         | 6.2          | 0.44          | 5.5           | NNW  | 348 |
|    | 12 | 1.06         | 6.3          | 0.80          | 6.5           | 0.64         | 6.6          | 0.40          | 5.3           | NNW  | 331 |
|    | 14 | 0.89         | 8.0          | 0.78          | 6.5           | 0.64         | 6.6          | 0.40          | 5.2           | NNW  | 340 |
|    | 16 | 0.91         | 5.5          | 0.70          | 6.2           | 0.59         | 6.1          | 0.37          | 5.0           | NNW  | 335 |
|    | 18 | 0.70         | 5.1          | 0.59          | 6.4           | 0.49         | 6.4          | 0.32          | 5.1           | NNW  | 331 |
|    | 20 | 0.76         | 6.5          | 0.57          | 7.0           | 0.46         | 6.9          | 0.30          | 5.5           | NNE  | 16  |
|    | 22 | 0.78         | 5.9          | 0.52          | 6.1           | 0.42         | 6.3          | 0.26          | 5.1           | NNW  | 348 |
|    | 最大 | 1.24         | 6.2          | 0.93          | 6.5           | 0.72         | 6.5          | 0.46          | 5.8           |      |     |
|    | 平均 | 0.99         | 6.3          | 0.75          | 6.4           | 0.60         | 6.5          | 0.38          | 5.4           |      |     |
| 03 | 00 | 0.63         | 6.3          | 0.49          | 6.3           | 0.39         | 6.2          | 0.24          | 5.1           | N    | 8   |
|    | 02 | 0.51         | 6.4          | 0.42          | 6.1           | 0.34         | 6.1          | 0.22          | 4.9           | NNE  | 20  |
|    | 04 | 0.49         | 6.2          | 0.35          | 6.3           | 0.28         | 6.1          | 0.18          | 4.8           | NNE  | 16  |
|    | 06 | 0.47         | 6.0          | 0.33          | 5.9           | 0.27         | 5.8          | 0.16          | 4.2           | NNW  | 335 |
|    | 08 | 0.67         | 4.2          | 0.47          | 4.5           | 0.38         | 4.6          | 0.25          | 4.1           |      |     |
|    | 10 | 0.99         | 4.1          | 0.77          | 4.3           | 0.61         | 4.4          | 0.40          | 4.1           | WNW  | 292 |
|    | 12 | 1.15         | 4.5          | * 0.89        | 4.4           | * 0.72       | 4.5          | * 0.47        | 4.1           | W    | 274 |
|    | 14 | 1.18         | 4.1          | 0.77          | 4.1           | 0.60         | 4.0          | 0.39          | 3.4           | NE   | 47  |
|    | 16 | 0.99         | 3.7          | 0.75          | 4.0           | 0.61         | 4.1          | 0.39          | 3.6           | NW   | 308 |
|    | 18 | 1.01         | 4.2          | 0.80          | 4.0           | 0.67         | 4.1          | 0.43          | 3.8           | WNW  | 283 |
|    | 20 | * 1.22       | 4.2          | 0.78          | 4.4           | 0.61         | 4.4          | 0.40          | 4.0           | WSW  | 257 |
|    | 22 | 1.21         | 3.9          | 0.88          | 4.1           | 0.70         | 4.0          | 0.44          | 3.4           | WSW  | 258 |
|    | 最大 | 1.22         | 4.2          | 0.89          | 4.4           | 0.72         | 4.5          | 0.47          | 4.1           |      |     |
|    | 平均 | 0.88         | 4.8          | 0.64          | 4.9           | 0.52         | 4.9          | 0.33          | 4.1           |      |     |
| 04 | 00 | 1.65         | 4.3          | 1.29          | 4.2           | 1.03         | 4.2          | 0.67          | 3.6           | WSW  | 249 |
|    | 02 | 1.73         | 4.2          | 1.14          | 4.2           | 0.90         | 4.3          | 0.58          | 3.7           | NE   | 46  |
|    | 04 | 1.08         | 4.3          | 0.85          | 4.1           | 0.68         | 3.8          | 0.44          | 3.4           | NE   | 47  |
|    | 06 | 1.35         | 3.3          | 1.01          | 3.6           | 0.81         | 3.7          | 0.52          | 3.3           | WNW  | 284 |
|    | 08 | 1.18         | 3.6          | 0.85          | 3.5           | 0.68         | 3.7          | 0.44          | 3.3           | N    | 349 |
|    | 10 | 0.97         | 4.1          | 0.72          | 4.0           | 0.59         | 4.0          | 0.39          | 3.7           | WSW  | 258 |
|    | 12 | 1.21         | 4.0          | 0.76          | 4.3           | 0.59         | 4.2          | 0.38          | 3.7           | NNE  | 16  |
|    | 14 | 0.95         | 4.1          | 0.73          | 4.1           | 0.58         | 4.1          | 0.37          | 3.7           | WSW  | 240 |
|    | 16 | 1.39         | 5.0          | 1.16          | 4.7           | 0.98         | 4.8          | 0.65          | 4.4           | NNW  | 327 |
|    | 18 | 1.84         | 4.1          | 1.30          | 4.5           | 1.02         | 4.7          | 0.66          | 4.1           | NNW  | 327 |
|    | 20 | 1.59         | 4.9          | 1.28          | 5.0           | 1.00         | 4.9          | 0.63          | 4.2           | NW   | 319 |
|    | 22 | * 2.35       | 5.2          | * 1.78        | 5.1           | * 1.42       | 5.0          | * 0.90        | 4.5           | NNW  | 340 |
|    | 最大 | 2.35         | 5.2          | 1.78          | 5.1           | 1.42         | 5.0          | 0.90          | 4.5           |      |     |

|    |    |        |        |        |        |        |        |        |        |     |     |     |
|----|----|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|
|    | 平均 | 1.44   | 4.3    | 1.07   | 4.3    | 0.86   | 4.3    | 0.55   | 3.8    |     |     |     |
| 05 | 00 | 2.32   | 5.0    | 1.63   | 5.2    | 1.32   | 5.3    | 0.85   | 4.6    | NNW | 331 |     |
|    | 02 | 1.93   | 5.0    | 1.32   | 5.1    | 1.04   | 5.5    | 0.68   | 5.0    | NW  | 311 |     |
|    | 04 | 2.13   | 6.0    | 1.67   | 6.0    | 1.37   | 6.1    | 0.89   | 5.6    | NNW | 335 |     |
|    | 06 | * 2.44 | 6.3    | * 1.77 | 6.3    | * 1.43 | 6.2    | * 0.94 | 5.6    | NNW | 335 |     |
|    | 08 | 1.83   | 6.0    | 1.47   | 6.1    | 1.21   | 6.1    | 0.77   | 5.5    | NNW | 335 |     |
|    | 10 | 1.68   | 6.5    | 1.42   | 6.0    | 1.20   | 6.2    | 0.79   | 5.7    | NNW | 335 |     |
|    | 12 | 1.68   | 6.2    | 1.30   | 6.2    | 1.04   | 5.9    | 0.67   | 5.1    | NNW | 335 |     |
|    | 14 | 1.72   | 6.3    | 1.45   | 6.0    | 1.14   | 6.2    | 0.71   | 5.2    | NNE | 16  |     |
|    | 16 | 1.49   | 6.3    | 1.29   | 6.2    | 1.06   | 6.2    | 0.69   | 5.5    | NNW | 331 |     |
|    | 18 | 1.55   | 6.1    | 1.23   | 6.4    | 1.03   | 6.3    | 0.65   | 5.5    | NNW | 335 |     |
|    | 20 | 1.50   | 6.2    | 1.18   | 6.3    | 0.98   | 6.5    | 0.64   | 5.9    | N   | 8   |     |
|    | 22 | 1.47   | 5.7    | 0.97   | 6.3    | 0.75   | 6.4    | 0.48   | 5.5    | NNW | 331 |     |
|    | 最大 | 2.44   | 6.3    | 1.77   | 6.3    | 1.43   | 6.2    | 0.94   | 5.6    |     |     |     |
|    | 平均 | 1.81   | 6.0    | 1.39   | 6.0    | 1.13   | 6.1    | 0.73   | 5.4    |     |     |     |
|    | 06 | 00     | 1.15   | 5.7    | 0.89   | 6.1    | * 0.72 | 6.2    | * 0.46 | 5.4 | N   | 352 |
|    |    | 02     | * 1.20 | 6.0    | * 0.90 | 6.1    | 0.72   | 6.1    | 0.45   | 5.4 | NNW | 340 |
|    |    | 04     | 1.04   | 5.9    | 0.73   | 6.0    | 0.57   | 5.8    | 0.36   | 5.0 | NW  | 311 |
|    |    | 06     | 0.91   | 5.8    | 0.71   | 6.0    | 0.57   | 6.1    | 0.34   | 4.9 | NW  | 323 |
|    |    | 08     | 0.81   | 5.5    | 0.55   | 5.8    | 0.44   | 5.7    | 0.27   | 4.6 | NW  | 323 |
|    |    | 10     | 0.57   | 5.4    | 0.45   | 5.6    | 0.37   | 5.5    | 0.23   | 4.7 | NNE | 16  |
|    |    | 12     | 0.49   | 5.1    | 0.40   | 5.3    | 0.33   | 5.3    | 0.21   | 4.4 | NNW | 327 |
|    |    | 14     | 0.48   | 5.3    | 0.38   | 5.5    | 0.32   | 5.5    | 0.21   | 4.6 | NNW | 327 |
| 16 |    | 0.38   | 4.8    | 0.29   | 5.2    | 0.24   | 5.1    | 0.15   | 4.1    | NW  | 315 |     |
| 18 |    | 0.45   | 5.2    | 0.28   | 5.2    | 0.22   | 5.0    | 0.15   | 4.0    | NNW | 335 |     |
| 20 |    | 0.76   | 5.4    | 0.53   | 5.5    | 0.41   | 5.6    | 0.26   | 5.0    | WNW | 303 |     |
| 22 |    | 1.00   | 4.8    | 0.68   | 4.9    | 0.54   | 4.9    | 0.34   | 4.4    | W   | 274 |     |
| 最大 |    | 1.20   | 6.0    | 0.90   | 6.1    | 0.72   | 6.2    | 0.46   | 5.4    |     |     |     |
| 平均 |    | 0.77   | 5.4    | 0.57   | 5.6    | 0.45   | 5.6    | 0.29   | 4.7    |     |     |     |
| 07 |    | 00     | 0.75   | 4.5    | 0.51   | 4.6    | 0.40   | 4.7    | 0.25   | 4.2 | NW  | 311 |
|    |    | 02     | 0.75   | 4.6    | 0.56   | 5.1    | 0.46   | 5.1    | 0.30   | 4.5 | WNW | 303 |
|    |    | 04     | 0.89   | 4.9    | 0.66   | 5.7    | 0.53   | 5.7    | 0.35   | 4.9 | W   | 278 |
|    |    | 06     | 1.06   | 5.4    | 0.77   | 5.9    | 0.62   | 5.7    | 0.39   | 4.8 | NW  | 307 |
|    |    | 08     | 1.13   | 5.2    | 0.82   | 5.8    | 0.66   | 6.0    | 0.43   | 5.0 | WNW | 303 |
|    |    | 10     | 1.11   | 6.4    | 0.81   | 5.5    | 0.66   | 5.4    | 0.42   | 4.7 | NW  | 307 |
|    |    | 12     | 1.47   | 5.0    | 1.07   | 5.4    | 0.87   | 5.4    | 0.56   | 4.8 | WNW | 303 |
|    |    | 14     | 3.83   | 6.3    | 3.06   | 5.6    | 2.34   | 5.5    | 1.51   | 4.8 | WNW | 282 |
|    | 16 | 4.63   | 5.4    | 2.90   | 5.4    | 2.31   | 5.4    | 1.48   | 4.7    | W   | 270 |     |
|    | 18 | 4.60   | 6.6    | 3.36   | 6.0    | 2.58   | 6.2    | 1.63   | 5.1    | WNW | 282 |     |
|    | 20 | 4.00   | 5.8    | 2.99   | 6.6    | 2.50   | 6.6    | 1.57   | 5.4    | WNW | 295 |     |
|    | 22 | * 5.62 | 8.1    | * 3.95 | 7.8    | * 3.27 | 7.5    | * 2.01 | 6.0    | NW  | 311 |     |
|    | 最大 | 5.62   | 8.1    | 3.95   | 7.8    | 3.27   | 7.5    | 2.01   | 6.0    |     |     |     |
|    | 平均 | 2.49   | 5.7    | 1.79   | 5.8    | 1.43   | 5.8    | 0.91   | 4.9    |     |     |     |
|    | 08 | 00     | 5.64   | 7.7    | * 4.07 | 7.9    | * 3.29 | 8.0    | * 2.14 | 6.3 | NW  | 315 |
|    |    | 02     | * 5.74 | 7.7    | 3.46   | 8.7    | 2.83   | 8.6    | 1.81   | 6.3 | WNW | 303 |
|    |    | 04     | 4.66   | 10.4   | 3.14   | 8.6    | 2.45   | 8.2    | 1.52   | 6.1 | NW  | 315 |
|    |    | 06     | 4.42   | 10.0   | 3.44   | 9.7    | 2.75   | 8.4    | 1.68   | 6.2 | NW  | 311 |
|    |    | 08     | 4.03   | 8.6    | 2.89   | 9.1    | 2.37   | 8.6    | 1.47   | 6.2 | NW  | 307 |
|    |    | 10     | 3.65   | 9.3    | 2.42   | 8.7    | 1.88   | 8.6    | 1.13   | 6.0 | NNW | 327 |
|    |    | 12     | 3.61   | 8.7    | 2.75   | 9.2    | 2.17   | 8.2    | 1.36   | 6.4 | NW  | 323 |
|    |    | 14     | 3.48   | 7.9    | 2.85   | 8.3    | 2.36   | 8.0    | 1.45   | 5.8 | NW  | 323 |
| 16 |    | 5.18   | 7.2    | 3.19   | 8.9    | 2.50   | 8.3    | 1.59   | 6.3    | NNW | 327 |     |
| 18 |    | 3.88   | 7.7    | 3.05   | 9.0    | 2.40   | 8.7    | 1.46   | 6.5    | NNW | 327 |     |
| 20 |    | 3.29   | 9.1    | 2.86   | 9.1    | 2.30   | 8.7    | 1.47   | 7.2    | NW  | 323 |     |
| 22 |    | 2.88   | 9.2    | 2.52   | 8.6    | 2.04   | 8.3    | 1.31   | 7.2    | NW  | 319 |     |
| 最大 |    | 5.74   | 7.7    | 4.07   | 7.9    | 3.29   | 8.0    | 2.14   | 6.3    |     |     |     |
| 平均 |    | 4.21   | 8.6    | 3.05   | 8.8    | 2.45   | 8.4    | 1.53   | 6.4    |     |     |     |
| 09 |    | 00     | * 3.07 | 9.0    | * 2.46 | 9.2    | * 1.92 | 8.7    | * 1.23 | 7.1 | NNW | 327 |
|    |    | 02     | 2.48   | 7.6    | 1.95   | 8.3    | 1.62   | 8.8    | 1.03   | 7.3 | NNW | 335 |
|    |    | 04     | 2.69   | 7.9    | 2.04   | 7.9    | 1.65   | 8.1    | 1.06   | 7.2 | NNW | 335 |
|    |    | 06     | 2.34   | 7.5    | 1.85   | 8.5    | 1.53   | 8.3    | 0.95   | 7.0 | NNW | 331 |
|    |    | 08     | 2.13   | 10.0   | 1.58   | 8.2    | 1.29   | 8.2    | 0.79   | 6.5 | NW  | 323 |
|    |    | 10     | 1.80   | 8.5    | 1.44   | 8.0    | 1.15   | 7.9    | 0.75   | 6.8 | NNW | 335 |
|    |    | 12     | 2.01   | 7.3    | 1.38   | 8.0    | 1.09   | 7.8    | 0.70   | 6.8 | NNW | 335 |
|    |    | 14     | 1.66   | 8.8    | 1.32   | 8.0    | 1.05   | 8.1    | 0.65   | 6.3 | NNW | 340 |
|    | 16 | 1.43   | 8.1    | 1.19   | 7.7    | 0.94   | 7.6    | 0.58   | 6.2    | NW  | 323 |     |
|    | 18 | 1.43   | 8.1    | 1.18   | 7.4    | 0.94   | 7.3    | 0.60   | 6.1    | WNW | 303 |     |
|    | 20 | 1.61   | 7.6    | 1.04   | 7.8    | 0.86   | 7.7    | 0.56   | 6.6    | NNW | 331 |     |
|    | 22 | 1.27   | 6.0    | 0.89   | 7.8    | 0.69   | 7.6    | 0.44   | 6.3    | NW  | 323 |     |



|    |    |        |        |        |        |        |        |        |        |     |     |     |
|----|----|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|
|    |    |        |        |        |        |        |        |        |        |     |     |     |
|    | 最大 | 3.07   | 9.0    | 2.46   | 9.2    | 1.92   | 8.7    | 1.23   | 7.1    |     |     |     |
|    | 平均 | 1.99   | 8.0    | 1.53   | 8.1    | 1.23   | 8.0    | 0.78   | 6.7    |     |     |     |
| 10 | 00 | 0.95   | 5.8    | 0.73   | 6.7    | 0.58   | 6.9    | 0.37   | 5.8    | NNW | 335 |     |
|    | 02 | 0.81   | 6.0    | 0.64   | 6.9    | 0.49   | 6.8    | 0.31   | 5.6    | N   | 352 |     |
|    | 04 | 0.63   | 6.8    | 0.48   | 6.2    | 0.39   | 6.2    | 0.24   | 4.4    | NNW | 335 |     |
|    | 06 | 1.00   | 5.5    | 0.66   | 5.3    | 0.53   | 4.7    | 0.33   | 3.6    | W   | 266 |     |
|    | 08 | 0.81   | 5.8    | 0.63   | 5.6    | 0.53   | 5.2    | 0.34   | 3.9    | WNW | 295 |     |
|    | 10 | 1.65   | 5.0    | 1.47   | 5.4    | 1.22   | 5.8    | 0.76   | 5.1    | W   | 270 |     |
|    |    |        |        |        |        |        |        |        |        |     |     |     |
|    | 12 | 2.95   | 4.8    | 2.05   | 5.0    | 1.68   | 5.1    | 1.11   | 4.5    |     |     |     |
|    | 14 | 3.51   | 5.2    | 2.56   | 5.4    | 2.04   | 5.6    | 1.32   | 4.9    | W   | 278 |     |
|    | 16 | 3.40   | 6.6    | 2.67   | 6.3    | 2.17   | 6.4    | 1.37   | 5.2    | NW  | 319 |     |
|    | 18 | * 4.57 | 7.0    | * 3.06 | 7.8    | * 2.53 | 8.0    | * 1.65 | 6.5    | NW  | 323 |     |
|    | 20 | 3.85   | 8.7    | 2.90   | 8.4    | 2.34   | 8.4    | 1.49   | 6.7    | NW  | 319 |     |
|    | 22 | 4.09   | 8.5    | 2.73   | 8.9    | 2.13   | 8.9    | 1.34   | 6.6    | NW  | 319 |     |
|    |    |        |        |        |        |        |        |        |        |     |     |     |
|    | 最大 | 4.57   | 7.0    | 3.06   | 7.8    | 2.53   | 8.0    | 1.65   | 6.5    |     |     |     |
|    | 平均 | 2.35   | 6.3    | 1.72   | 6.5    | 1.39   | 6.5    | 0.89   | 5.2    |     |     |     |
|    | 11 | 00     | 3.67   | 10.0   | 2.68   | 9.4    | 2.13   | 9.0    | 1.36   | 7.0 | NNW | 327 |
|    |    | 02     | 3.55   | 10.5   | 2.87   | 9.7    | 2.23   | 9.5    | 1.37   | 7.6 | NNW | 327 |
|    |    | 04     | 3.26   | 9.2    | 2.72   | 9.1    | 2.16   | 8.7    | 1.40   | 6.6 | NNW | 331 |
|    |    | 06     | 3.49   | 7.2    | 2.75   | 8.7    | 2.15   | 8.5    | 1.32   | 6.6 | NNW | 331 |
|    |    | 08     | 3.79   | 8.5    | 2.63   | 9.0    | 2.13   | 8.7    | 1.35   | 7.0 | NNW | 331 |
|    |    | 10     | 3.77   | 7.3    | 2.74   | 8.1    | 2.14   | 8.2    | 1.35   | 7.1 | NNW | 340 |
|    |    |        |        |        |        |        |        |        |        |     |     |     |
| 12 |    | 4.08   | 8.7    | 3.00   | 7.3    | 2.39   | 6.9    | 1.50   | 5.5    | NNW | 327 |     |
| 14 |    | 5.70   | 8.4    | * 4.55 | 7.5    | * 3.66 | 7.8    | * 2.26 | 6.6    | NNW | 340 |     |
| 16 |    | * 5.92 | 7.2    | 4.12   | 8.3    | 3.25   | 8.1    | 2.00   | 6.4    | NW  | 315 |     |
| 18 |    | 5.30   | 8.1    | 4.09   | 8.3    | 3.25   | 8.1    | 2.13   | 6.7    | NW  | 323 |     |
| 20 |    | 5.25   | 7.2    | 4.26   | 8.5    | 3.40   | 8.5    | 2.07   | 6.6    | NNW | 335 |     |
| 22 |    | 5.02   | 9.3    | 3.83   | 8.8    | 3.18   | 8.7    | 2.05   | 6.7    | NNW | 327 |     |
|    |    |        |        |        |        |        |        |        |        |     |     |     |
| 最大 |    | 5.92   | 7.2    | 4.55   | 7.5    | 3.66   | 7.8    | 2.26   | 6.6    |     |     |     |
| 平均 |    | 4.40   | 8.5    | 3.35   | 8.6    | 2.67   | 8.4    | 1.68   | 6.7    |     |     |     |
| 12 |    | 00     | 4.63   | 8.2    | 3.69   | 9.4    | 2.92   | 9.0    | 1.82   | 6.8 | NW  | 323 |
|    |    | 02     | * 4.98 | 9.3    | 3.73   | 9.4    | 3.01   | 8.9    | 1.87   | 6.7 | NW  | 319 |
|    |    | 04     | 4.56   | 8.7    | * 3.92 | 8.8    | * 3.17 | 8.8    | * 1.99 | 6.6 | NW  | 319 |
|    |    | 06     | 3.73   | 6.7    | 3.16   | 8.3    | 2.61   | 7.6    | 1.66   | 6.0 | NW  | 315 |
|    |    | 08     | 3.60   | 8.4    | 2.98   | 7.7    | 2.39   | 7.1    | 1.52   | 5.7 | NNW | 335 |
|    |    | 10     | 3.25   | 8.4    | 2.77   | 7.3    | 2.28   | 7.3    | 1.41   | 5.6 | NW  | 319 |
|    |    |        |        |        |        |        |        |        |        |     |     |     |
|    | 12 | 3.03   | 7.0    | 2.66   | 6.8    | 2.11   | 6.8    | 1.32   | 5.3    | NW  | 319 |     |
|    | 14 | 3.68   | 7.1    | 2.70   | 7.2    | 2.18   | 7.0    | 1.35   | 5.3    | NW  | 323 |     |
|    | 16 | 2.90   | 7.6    | 2.26   | 6.5    | 1.83   | 6.6    | 1.18   | 5.2    | NW  | 323 |     |
|    | 18 | 2.89   | 5.7    | 2.19   | 6.7    | 1.71   | 6.5    | 1.10   | 5.0    | NNW | 335 |     |
|    | 20 | 2.96   | 7.2    | 2.46   | 7.6    | 2.04   | 7.1    | 1.31   | 5.6    | NNW | 327 |     |
|    | 22 | 4.69   | 7.0    | 3.87   | 7.6    | 3.06   | 7.7    | 1.86   | 6.2    | NNW | 327 |     |
|    |    |        |        |        |        |        |        |        |        |     |     |     |
|    | 最大 | 4.98   | 9.3    | 3.92   | 8.8    | 3.17   | 8.8    | 1.99   | 6.6    |     |     |     |
|    | 平均 | 3.74   | 7.6    | 3.03   | 7.8    | 2.44   | 7.5    | 1.53   | 5.8    |     |     |     |
|    | 13 | 00     | 5.18   | 7.1    | 4.16   | 7.1    | 3.25   | 7.2    | 2.06   | 6.3 | NW  | 323 |
|    |    | 02     | * 6.21 | 8.3    | * 4.39 | 8.2    | * 3.47 | 8.1    | * 2.13 | 6.5 | WNW | 299 |
|    |    | 04     | 4.87   | 8.8    | 3.75   | 7.6    | 3.01   | 7.4    | 1.83   | 5.8 | NW  | 323 |
|    |    | 06     | 4.43   | 9.2    | 3.57   | 8.1    | 2.89   | 7.8    | 1.88   | 6.6 | NNW | 327 |
|    |    | 08     | 4.64   | 8.1    | 3.62   | 8.7    | 2.90   | 8.4    | 1.80   | 6.5 | NW  | 323 |
|    |    | 10     | 4.09   | 8.3    | 3.02   | 8.6    | 2.40   | 8.2    | 1.50   | 5.9 | NW  | 319 |
|    |    |        |        |        |        |        |        |        |        |     |     |     |
| 12 |    | 3.46   | 6.4    | 2.62   | 7.5    | 2.15   | 7.5    | 1.39   | 5.7    | NW  | 311 |     |
| 14 |    | 2.96   | 7.9    | 2.47   | 7.7    | 2.04   | 7.4    | 1.27   | 5.9    | NW  | 323 |     |
| 16 |    | 2.90   | 7.4    | 2.22   | 7.3    | 1.85   | 7.3    | 1.20   | 5.6    | NNW | 327 |     |
| 18 |    | 2.45   | 7.3    | 2.03   | 7.2    | 1.68   | 7.1    | 1.08   | 5.7    | NNW | 331 |     |
| 20 |    | 3.19   | 7.4    | 1.98   | 7.5    | 1.52   | 7.2    | 0.93   | 5.7    | NNW | 335 |     |
| 22 |    | 2.66   | 7.4    | 1.81   | 7.1    | 1.49   | 6.9    | 0.99   | 5.8    | NNW | 327 |     |
|    |    |        |        |        |        |        |        |        |        |     |     |     |
| 最大 |    | 6.21   | 8.3    | 4.39   | 8.2    | 3.47   | 8.1    | 2.13   | 6.5    |     |     |     |
| 平均 |    | 3.92   | 7.8    | 2.97   | 7.7    | 2.39   | 7.5    | 1.51   | 6.0    |     |     |     |
| 14 |    | 00     | * 2.43 | 7.9    | * 1.84 | 7.2    | * 1.45 | 7.4    | * 0.91 | 5.9 | NNW | 327 |
|    |    | 02     | 2.20   | 6.8    | 1.62   | 7.3    | 1.28   | 7.2    | 0.80   | 5.7 | NW  | 319 |
|    |    | 04     | 1.69   | 6.8    | 1.33   | 7.6    | 1.06   | 7.3    | 0.69   | 6.1 | NNW | 331 |
|    |    | 06     | 1.89   | 7.1    | 1.41   | 7.5    | 1.11   | 7.7    | 0.69   | 6.2 | NW  | 319 |
|    |    | 08     | 1.45   | 7.6    | 1.14   | 7.9    | 0.91   | 7.8    | 0.55   | 6.4 | NNW | 327 |
|    |    | 10     | 1.52   | 6.9    | 0.98   | 7.3    | 0.75   | 7.5    | 0.47   | 6.0 | NNW | 331 |
|    |    |        |        |        |        |        |        |        |        |     |     |     |
|    | 12 | 1.17   | 6.8    | 0.94   | 7.3    | 0.72   | 7.0    | 0.45   | 6.1    | NNW | 331 |     |
|    | 14 | 1.13   | 6.4    | 0.88   | 6.5    | 0.71   | 6.7    | 0.46   | 5.6    | NNW | 327 |     |
|    |    |        |        |        |        |        |        |        |        |     |     |     |
|    |    |        |        |        |        |        |        |        |        |     |     |     |
|    |    |        |        |        |        |        |        |        |        |     |     |     |
|    |    |        |        |        |        |        |        |        |        |     |     |     |
|    |    |        |        |        |        |        |        |        |        |     |     |     |

|    |        |        |        |        |        |        |        |        |      |     |     |     |
|----|--------|--------|--------|--------|--------|--------|--------|--------|------|-----|-----|-----|
|    | 16     | 1.01   | 6.9    | 0.83   | 6.6    | 0.68   | 6.8    | 0.44   | 5.8  | NNW | 331 |     |
|    | 18     | 1.10   | 6.6    | 0.85   | 6.5    | 0.66   | 6.6    | 0.41   | 5.9  | NNW | 340 |     |
|    | 20     | 0.97   | 5.5    | 0.69   | 6.5    | 0.55   | 6.6    | 0.35   | 5.6  | NNW | 331 |     |
|    | 22     | 0.95   | 6.4    | 0.67   | 6.7    | 0.53   | 6.6    | 0.35   | 5.9  | NW  | 315 |     |
|    | 最大     | 2.43   | 7.9    | 1.84   | 7.2    | 1.45   | 7.4    | 0.91   | 5.9  |     |     |     |
|    | 平均     | 1.46   | 6.8    | 1.10   | 7.1    | 0.87   | 7.1    | 0.55   | 5.9  |     |     |     |
|    |        |        |        |        |        |        |        |        |      |     |     |     |
|    | 15     | 00     | 0.63   | 6.5    | 0.49   | 6.5    | 0.41   | 6.6    | 0.27 | 5.4 | NNW | 340 |
|    | 02     | 0.54   | 6.8    | 0.45   | 6.4    | 0.35   | 5.7    | 0.21   | 3.9  | N   | 352 |     |
|    | 04     | 0.73   | 2.4    | 0.41   | 4.0    | 0.32   | 3.8    | 0.21   | 3.0  | N   | 1   |     |
| 06 | 0.57   | 4.4    | 0.40   | 5.3    | 0.32   | 5.1    | 0.21   | 4.1    | NW   | 307 |     |     |
| 08 | * 2.81 | 4.9    | * 2.00 | 4.9    | * 1.54 | 4.8    | * 1.00 | 4.2    | W    | 274 |     |     |
| 10 | 1.78   | 5.0    | 1.27   | 4.7    | 1.00   | 4.5    | 0.63   | 3.9    | WNW  | 282 |     |     |
|    |        |        |        |        |        |        |        |        |      |     |     |     |
|    | 12     | 1.13   | 4.8    | 0.77   | 4.6    | 0.62   | 4.8    | 0.39   | 4.0  | WNW | 282 |     |
|    | 14     | 1.00   | 5.0    | 0.74   | 5.2    | 0.60   | 5.0    | 0.39   | 4.5  | WNW | 295 |     |
|    | 16     | 1.02   | 3.9    | 0.72   | 4.7    | 0.58   | 4.6    | 0.38   | 4.3  | NW  | 315 |     |
|    | 18     | 0.91   | 4.1    | 0.73   | 4.7    | 0.56   | 4.8    | 0.37   | 4.1  | WNW | 282 |     |
|    | 20     | 0.84   | 5.2    | 0.65   | 5.5    | 0.52   | 5.7    | 0.32   | 4.5  | NW  | 307 |     |
|    | 22     | 0.83   | 6.3    | 0.62   | 6.3    | 0.50   | 6.1    | 0.31   | 4.8  | WNW | 303 |     |
|    |        |        |        |        |        |        |        |        |      |     |     |     |
| 最大 | 2.81   | 4.9    | 2.00   | 4.9    | 1.54   | 4.8    | 1.00   | 4.2    |      |     |     |     |
| 平均 | 1.07   | 4.9    | 0.77   | 5.2    | 0.61   | 5.1    | 0.39   | 4.2    |      |     |     |     |
|    |        |        |        |        |        |        |        |        |      |     |     |     |
| 16 | 00     | 0.60   | 6.0    | 0.47   | 6.0    | 0.38   | 5.7    | 0.24   | 4.5  | NW  | 323 |     |
| 02 | 0.72   | 5.4    | * 0.59 | 6.0    | * 0.45 | 6.3    | * 0.29 | 5.0    | NW   | 307 |     |     |
| 04 | 0.63   | 5.2    | 0.45   | 5.9    | 0.36   | 5.7    | 0.23   | 4.5    | NW   | 311 |     |     |
| 06 | 0.57   | 5.3    | 0.41   | 5.5    | 0.32   | 5.5    | 0.20   | 4.3    | WNW  | 299 |     |     |
| 08 | * 0.74 | 3.6    | 0.46   | 5.5    | 0.35   | 5.5    | 0.22   | 4.2    | NNW  | 331 |     |     |
| 10 | 0.63   | 7.4    | 0.50   | 6.8    | 0.41   | 6.7    | 0.26   | 5.1    | WNW  | 295 |     |     |
|    |        |        |        |        |        |        |        |        |      |     |     |     |
|    | 12     | 0.65   | 5.8    | 0.53   | 6.5    | 0.44   | 6.6    | 0.28   | 5.5  | NW  | 323 |     |
|    | 14     | 0.61   | 7.1    | 0.51   | 6.7    | 0.40   | 6.3    | 0.25   | 5.1  | WNW | 286 |     |
|    | 16     | 0.55   | 5.2    | 0.39   | 5.9    | 0.32   | 5.9    | 0.20   | 4.5  | WNW | 290 |     |
|    | 18     | 0.45   | 6.1    | 0.35   | 6.2    | 0.29   | 5.9    | 0.19   | 4.6  | WNW | 303 |     |
|    | 20     | 0.46   | 5.1    | 0.34   | 5.7    | 0.28   | 5.6    | 0.17   | 4.2  | WNW | 299 |     |
|    | 22     | 0.48   | 5.6    | 0.38   | 5.6    | 0.30   | 5.5    | 0.19   | 4.6  | NW  | 307 |     |
|    |        |        |        |        |        |        |        |        |      |     |     |     |
| 最大 | 0.74   | 3.6    | 0.59   | 6.0    | 0.45   | 6.3    | 0.29   | 5.0    |      |     |     |     |
| 平均 | 0.59   | 5.7    | 0.45   | 6.0    | 0.36   | 5.9    | 0.23   | 4.7    |      |     |     |     |
|    |        |        |        |        |        |        |        |        |      |     |     |     |
| 17 | 00     | 0.50   | 6.9    | 0.36   | 5.8    | 0.28   | 5.8    | 0.18   | 4.6  | NNW | 331 |     |
| 02 | 0.47   | 5.5    | 0.34   | 5.5    | 0.26   | 5.5    | 0.16   | 4.0    | NNW  | 331 |     |     |
| 04 | 0.32   | 6.0    | 0.23   | 5.1    | 0.19   | 4.7    | 0.12   | 3.4    | NNW  | 348 |     |     |
| 06 | 0.39   | 4.9    | 0.30   | 5.1    | 0.23   | 4.7    | 0.15   | 3.5    | NNW  | 331 |     |     |
| 08 | 0.31   | 5.4    | 0.24   | 4.9    | 0.20   | 4.7    | 0.13   | 3.4    | NNW  | 327 |     |     |
| 10 | 0.39   | 6.2    | 0.32   | 4.9    | 0.25   | 4.9    | 0.16   | 3.7    | NW   | 311 |     |     |
|    |        |        |        |        |        |        |        |        |      |     |     |     |
|    | 12     | 0.42   | 4.5    | 0.30   | 4.5    | 0.24   | 4.5    | 0.15   | 3.6  | NW  | 311 |     |
|    | 14     | 0.46   | 5.0    | 0.30   | 4.6    | 0.24   | 4.6    | 0.16   | 3.7  | WNW | 303 |     |
|    | 16     | 0.37   | 4.5    | 0.31   | 4.7    | 0.25   | 4.6    | 0.16   | 3.6  | NNE | 20  |     |
|    | 18     | 0.58   | 4.9    | 0.44   | 4.8    | 0.36   | 4.9    | 0.23   | 4.3  | NW  | 311 |     |
|    | 20     | 1.05   | 5.1    | 0.85   | 5.1    | 0.68   | 5.2    | 0.44   | 4.8  | WNW | 299 |     |
|    | 22     | * 2.05 | 5.3    | * 1.47 | 5.4    | * 1.14 | 5.5    | * 0.73 | 5.1  | WNW | 282 |     |
|    |        |        |        |        |        |        |        |        |      |     |     |     |
| 最大 | 2.05   | 5.3    | 1.47   | 5.4    | 1.14   | 5.5    | 0.73   | 5.1    |      |     |     |     |
| 平均 | 0.61   | 5.4    | 0.46   | 5.0    | 0.36   | 5.0    | 0.23   | 4.0    |      |     |     |     |
|    |        |        |        |        |        |        |        |        |      |     |     |     |
| 18 | 00     | 3.21   | 5.0    | 2.47   | 5.5    | 1.92   | 5.4    | 1.19   | 4.8  | NW  | 307 |     |
| 02 | 3.30   | 5.8    | 2.47   | 5.7    | 1.90   | 5.7    | 1.18   | 5.0    | WNW  | 290 |     |     |
| 04 | 3.15   | 5.3    | 1.80   | 5.4    | 1.51   | 5.4    | 1.01   | 5.0    | WSW  | 258 |     |     |
| 06 | 2.62   | 5.2    | 1.87   | 5.4    | 1.52   | 5.5    | 0.97   | 4.7    | W    | 274 |     |     |
| 08 | 3.36   | 4.7    | 2.63   | 5.7    | 2.16   | 5.6    | 1.44   | 5.0    | WSW  | 254 |     |     |
| 10 | 3.65   | 6.3    | 3.13   | 5.9    | 2.47   | 5.7    | 1.56   | 4.9    | W    | 262 |     |     |
|    |        |        |        |        |        |        |        |        |      |     |     |     |
|    | 12     | 3.66   | 6.2    | 2.84   | 6.4    | 2.26   | 5.9    | 1.45   | 4.9  | NW  | 319 |     |
|    | 14     | 3.57   | 6.8    | 2.88   | 6.8    | 2.32   | 6.7    | 1.50   | 5.4  | NW  | 315 |     |
|    | 16     | 4.87   | 7.3    | 3.61   | 7.4    | 2.87   | 7.0    | 1.86   | 5.7  | NW  | 311 |     |
|    | 18     | * 5.33 | 8.1    | * 4.08 | 7.5    | * 3.25 | 7.1    | * 2.07 | 5.8  | W   | 278 |     |
|    | 20     | 4.06   | 8.0    | 3.36   | 6.6    | 2.69   | 6.7    | 1.70   | 5.4  | WNW | 303 |     |
|    | 22     | 4.54   | 7.6    | 3.47   | 7.9    | 2.75   | 7.2    | 1.78   | 5.7  | NW  | 307 |     |
|    |        |        |        |        |        |        |        |        |      |     |     |     |
| 最大 | 5.33   | 8.1    | 4.08   | 7.5    | 3.25   | 7.1    | 2.07   | 5.8    |      |     |     |     |
| 平均 | 3.78   | 6.4    | 2.88   | 6.4    | 2.30   | 6.2    | 1.48   | 5.2    |      |     |     |     |
|    |        |        |        |        |        |        |        |        |      |     |     |     |
| 19 | 00     | 4.94   | 7.3    | * 3.66 | 8.5    | * 2.68 | 7.7    | 1.62   | 6.1  | WNW | 299 |     |
| 02 | 3.78   | 7.9    | 2.88   | 8.4    | 2.36   | 8.7    | 1.46   | 6.7    | NW   | 311 |     |     |
| 04 | 3.12   | 8.1    | 2.45   | 8.7    | 1.99   | 9.2    | 1.27   | 7.2    | NW   | 315 |     |     |
| 06 | 3.56   | 8.0    | 2.75   | 7.9    | 2.21   | 8.1    | 1.38   | 6.3    | NW   | 307 |     |     |
| 08 | 3.17   | 9.3    | 2.74   | 7.3    | 2.25   | 6.8    | 1.44   | 5.4    | NW   | 307 |     |     |
| 10 | 4.14   | 5.1    | 2.87   | 6.3    | 2.30   | 6.5    | 1.51   | 5.5    | WNW  | 286 |     |     |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 12 | 3.91   | 6.0 | 3.00   | 6.8 | 2.42   | 6.7 | 1.57   | 5.6 | W   | 278 |
|    | 14 | * 5.30 | 6.9 | 3.37   | 6.3 | 2.65   | 6.3 | * 1.70 | 5.5 | W   | 274 |
|    | 16 | 4.34   | 6.5 | 3.07   | 6.0 | 2.40   | 6.0 | 1.47   | 4.7 | W   | 270 |
|    | 18 | 4.25   | 6.4 | 3.29   | 6.1 | 2.54   | 6.1 | 1.63   | 5.4 | W   | 266 |
|    | 20 | 3.81   | 7.2 | 3.00   | 7.1 | 2.48   | 6.7 | 1.61   | 5.6 | NW  | 311 |
|    | 22 | 3.38   | 6.2 | 2.54   | 7.1 | 2.09   | 7.1 | 1.39   | 6.1 | NW  | 315 |
|    | 最大 | 5.30   | 6.9 | 3.66   | 8.5 | 2.68   | 7.7 | 1.70   | 5.5 |     |     |
|    | 平均 | 3.98   | 7.1 | 2.97   | 7.2 | 2.36   | 7.2 | 1.50   | 5.8 |     |     |
| 20 | 00 | 2.80   | 8.8 | 2.06   | 7.4 | 1.69   | 7.1 | 1.07   | 5.4 | NW  | 319 |
|    | 02 | 3.18   | 5.9 | 2.15   | 6.4 | 1.75   | 6.8 | 1.13   | 5.4 | NW  | 319 |
|    | 04 | 2.86   | 6.4 | 2.23   | 6.5 | 1.81   | 6.7 | 1.14   | 5.2 | NW  | 319 |
|    | 06 | 3.28   | 6.1 | 2.44   | 6.3 | 1.87   | 6.5 | 1.18   | 5.3 | WNW | 286 |
|    | 08 | 3.31   | 6.2 | 2.46   | 6.0 | 1.94   | 6.0 | 1.19   | 5.3 | W   | 274 |
|    | 10 | 2.97   | 5.5 | 2.16   | 5.8 | 1.79   | 5.8 | 1.14   | 4.9 | W   | 278 |
|    | 12 | 3.03   | 5.9 | 2.55   | 6.2 | 2.07   | 5.9 | 1.31   | 5.0 | W   | 270 |
|    | 14 | 4.30   | 5.8 | * 3.11 | 6.2 | 2.46   | 6.2 | 1.56   | 5.1 | W   | 274 |
|    | 16 | * 4.69 | 6.2 | 3.09   | 6.2 | * 2.54 | 6.3 | * 1.62 | 5.3 | WNW | 286 |
|    | 18 | 3.64   | 6.7 | 2.82   | 6.5 | 2.21   | 6.4 | 1.44   | 5.5 | W   | 274 |
|    | 20 | 4.06   | 6.4 | 3.00   | 6.5 | 2.35   | 6.3 | 1.49   | 5.1 | W   | 270 |
|    | 22 | 3.32   | 7.5 | 2.35   | 6.6 | 1.93   | 6.4 | 1.25   | 5.2 | W   | 270 |
|    | 最大 | 4.69   | 6.2 | 3.11   | 6.2 | 2.54   | 6.3 | 1.62   | 5.3 |     |     |
|    | 平均 | 3.45   | 6.5 | 2.54   | 6.4 | 2.03   | 6.4 | 1.29   | 5.2 |     |     |
| 21 | 00 | 3.32   | 5.1 | 2.64   | 5.8 | 2.11   | 5.9 | 1.37   | 4.8 | W   | 278 |
|    | 02 | 2.89   | 6.2 | 2.21   | 5.8 | 1.73   | 5.7 | 1.09   | 4.6 | W   | 278 |
|    | 04 | 2.31   | 7.2 | 1.98   | 7.1 | 1.51   | 6.3 | 0.95   | 4.9 | NW  | 315 |
|    | 06 | 3.23   | 7.5 | 2.70   | 7.6 | 2.31   | 7.4 | 1.50   | 6.1 | NW  | 315 |
|    | 08 | 3.29   | 8.6 | 2.62   | 7.6 | 2.10   | 7.1 | 1.29   | 5.4 | NW  | 319 |
|    | 10 | 3.05   | 6.2 | 2.74   | 6.5 | 2.25   | 6.2 | 1.49   | 5.0 | NW  | 323 |
|    | 12 | 3.69   | 6.5 | 3.03   | 6.3 | 2.40   | 6.0 | 1.49   | 4.9 | NW  | 319 |
|    | 14 | 3.69   | 7.3 | 3.07   | 6.5 | 2.48   | 6.5 | 1.61   | 5.2 | NW  | 319 |
|    | 16 | * 4.64 | 8.0 | * 3.44 | 7.2 | * 2.68 | 7.0 | * 1.68 | 5.4 | NW  | 315 |
|    | 18 | 3.78   | 8.2 | 2.99   | 7.1 | 2.43   | 6.8 | 1.59   | 5.4 | NW  | 319 |
|    | 20 | 3.60   | 7.1 | 2.64   | 7.1 | 2.10   | 6.9 | 1.33   | 5.3 | NW  | 319 |
|    | 22 | 3.61   | 5.8 | 2.36   | 7.2 | 1.98   | 6.8 | 1.30   | 5.4 | NW  | 319 |
|    | 最大 | 4.64   | 8.0 | 3.44   | 7.2 | 2.68   | 7.0 | 1.68   | 5.4 |     |     |
|    | 平均 | 3.43   | 7.0 | 2.70   | 6.8 | 2.17   | 6.6 | 1.39   | 5.2 |     |     |
| 22 | 00 | 3.18   | 7.1 | 2.54   | 6.8 | * 2.01 | 6.9 | * 1.26 | 5.4 | NW  | 323 |
|    | 02 | 3.22   | 6.1 | 2.52   | 6.9 | 1.97   | 6.7 | 1.23   | 5.3 | NW  | 323 |
|    | 04 | 2.87   | 6.2 | 2.19   | 7.0 | 1.71   | 7.0 | 1.05   | 5.1 | NW  | 323 |
|    | 06 | 2.93   | 7.6 | 2.23   | 7.1 | 1.77   | 6.8 | 1.12   | 5.4 | NW  | 323 |
|    | 08 | 2.67   | 7.7 | 2.00   | 7.1 | 1.62   | 6.9 | 1.05   | 5.3 | NNW | 344 |
|    | 10 | 2.59   | 6.4 | 2.02   | 7.4 | 1.58   | 7.4 | 1.01   | 5.9 | NW  | 323 |
|    | 12 | 3.07   | 6.4 | 1.89   | 7.8 | 1.55   | 7.5 | 0.97   | 5.8 | NNW | 331 |
|    | 14 | 2.69   | 6.7 | 1.98   | 6.2 | 1.59   | 5.8 | 1.02   | 4.6 | NNW | 331 |
|    | 16 | 2.32   | 4.5 | 1.79   | 7.0 | 1.42   | 6.5 | 0.91   | 5.1 | NNW | 331 |
|    | 18 | 2.76   | 7.5 | 1.91   | 7.9 | 1.53   | 6.9 | 0.99   | 5.4 | NNW | 335 |
|    | 20 | 2.46   | 6.1 | 1.99   | 7.6 | 1.61   | 7.0 | 1.02   | 5.4 | NNW | 331 |
|    | 22 | * 3.47 | 7.4 | * 2.64 | 6.6 | 2.00   | 6.6 | 1.24   | 5.5 | NW  | 315 |
|    | 最大 | 3.47   | 7.4 | 2.64   | 6.6 | 2.01   | 6.9 | 1.26   | 5.4 |     |     |
|    | 平均 | 2.85   | 6.6 | 2.14   | 7.1 | 1.70   | 6.8 | 1.07   | 5.4 |     |     |
| 23 | 00 | 2.75   | 7.1 | * 2.09 | 6.4 | * 1.66 | 6.4 | * 1.08 | 5.3 | NNW | 327 |
|    | 02 | 2.40   | 7.6 | 1.87   | 6.7 | 1.53   | 6.7 | 0.99   | 5.2 | NW  | 323 |
|    | 04 | * 2.82 | 6.7 | 1.83   | 6.9 | 1.46   | 6.7 | 0.93   | 5.5 | NNW | 327 |
|    | 06 | 2.00   | 8.0 | 1.48   | 7.3 | 1.18   | 7.0 | 0.76   | 5.9 | NW  | 323 |
|    | 08 | 1.55   | 7.6 | 1.28   | 7.3 | 1.05   | 7.4 | 0.69   | 6.0 | NNW | 327 |
|    | 10 | 1.51   | 7.4 | 1.22   | 7.5 | 1.00   | 7.3 | 0.64   | 6.0 | NW  | 323 |
|    | 12 | 1.82   | 7.5 | 1.18   | 6.9 | 0.95   | 7.0 | 0.58   | 5.1 | NW  | 323 |
|    | 14 | 1.89   | 6.4 | 1.24   | 7.4 | 0.95   | 7.2 | 0.59   | 5.4 | NW  | 311 |
|    | 16 | 1.41   | 7.5 | 1.06   | 6.9 | 0.86   | 6.7 | 0.54   | 5.1 | NNW | 327 |
|    | 18 | 1.25   | 6.5 | 1.07   | 7.3 | 0.88   | 6.8 | 0.56   | 5.2 | NNW | 331 |
|    | 20 | 1.22   | 7.2 | 0.95   | 6.4 | 0.78   | 6.2 | 0.49   | 4.8 | NNW | 327 |
|    | 22 | 1.30   | 7.3 | 0.98   | 6.4 | 0.78   | 6.1 | 0.48   | 4.9 | N   | 352 |
|    | 最大 | 2.82   | 6.7 | 2.09   | 6.4 | 1.66   | 6.4 | 1.08   | 5.3 |     |     |
|    | 平均 | 1.83   | 7.2 | 1.35   | 7.0 | 1.09   | 6.8 | 0.69   | 5.4 |     |     |
| 24 | 00 | 1.09   | 5.5 | 0.89   | 6.1 | 0.70   | 6.1 | 0.43   | 4.8 | NNW | 335 |
|    | 02 | 1.16   | 6.0 | 0.97   | 5.8 | 0.75   | 5.7 | 0.47   | 4.8 | WNW | 282 |

|    |    |        |      |        |     |        |     |        |     |     |     |
|----|----|--------|------|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 04 | 1.60   | 5.4  | 1.22   | 5.1 | 0.99   | 4.9 | 0.63   | 4.4 | W   | 278 |
|    | 06 | 1.60   | 5.4  | 1.22   | 5.6 | 0.99   | 5.6 | 0.63   | 4.7 | W   | 274 |
|    | 08 | 2.25   | 5.7  | * 1.82 | 5.8 | * 1.46 | 5.5 | 0.95   | 4.6 | NNW | 331 |
|    | 10 | * 2.26 | 5.2  | 1.77   | 5.6 | 1.45   | 5.5 | * 0.96 | 4.4 | NW  | 307 |
|    | 12 | 2.16   | 5.7  | 1.60   | 6.3 | 1.26   | 5.9 | 0.77   | 4.8 | NW  | 311 |
|    | 14 | 1.61   | 6.6  | 1.32   | 6.0 | 1.06   | 6.0 | 0.65   | 4.9 | NW  | 319 |
|    | 16 | 1.52   | 7.2  | 1.14   | 6.3 | 0.89   | 6.4 | 0.57   | 5.5 | NW  | 311 |
|    | 18 | 1.54   | 6.8  | 1.01   | 6.9 | 0.80   | 6.7 | 0.49   | 5.6 | NW  | 307 |
|    | 20 | 1.07   | 5.5  | 0.79   | 6.6 | 0.66   | 6.6 | 0.42   | 5.8 | NW  | 307 |
|    | 22 | 1.11   | 5.9  | 0.73   | 6.0 | 0.59   | 6.1 | 0.39   | 5.2 | NW  | 323 |
|    | 最大 | 2.26   | 5.2  | 1.82   | 5.8 | 1.46   | 5.5 | 0.96   | 4.4 |     |     |
|    | 平均 | 1.58   | 5.9  | 1.21   | 6.0 | 0.97   | 5.9 | 0.61   | 5.0 |     |     |
| 25 | 00 | 0.85   | 5.0  | 0.63   | 6.1 | 0.52   | 6.0 | 0.33   | 4.8 | NNW | 331 |
|    | 02 | 0.75   | 6.8  | 0.54   | 5.8 | 0.43   | 5.4 | 0.27   | 4.2 | NNW | 331 |
|    | 04 | 0.71   | 6.2  | 0.52   | 5.2 | 0.41   | 5.1 | 0.26   | 3.7 | NNW | 327 |
|    | 06 | 0.62   | 5.9  | 0.49   | 4.8 | 0.39   | 4.4 | 0.26   | 3.2 | W   | 260 |
|    | 08 | 0.92   | 2.6  | 0.66   | 3.1 | 0.51   | 3.3 | 0.33   | 2.8 | WNW | 282 |
|    | 10 | 1.12   | 2.9  | 0.80   | 3.1 | 0.63   | 3.1 | 0.42   | 2.9 | NE  | 51  |
|    | 12 | 0.95   | 2.3  | 0.59   | 2.7 | 0.45   | 2.9 | 0.30   | 2.6 | NNE | 28  |
|    | 14 | 0.87   | 2.7  | 0.60   | 2.7 | 0.48   | 2.8 | 0.31   | 2.7 | W   | 268 |
|    | 16 | 0.82   | 2.4  | 0.52   | 2.8 | 0.41   | 2.9 | 0.27   | 2.6 | N   | 7   |
|    | 18 | 0.45   | 6.9  | 0.37   | 6.0 | 0.30   | 5.5 | 0.20   | 4.2 | W   | 278 |
|    | 20 | 2.63   | 3.9  | 1.95   | 4.1 | 1.52   | 4.1 | 0.95   | 3.6 | W   | 260 |
|    | 22 | * 3.13 | 5.7  | * 2.48 | 4.9 | * 1.94 | 5.0 | * 1.24 | 4.3 | W   | 270 |
|    | 最大 | 3.13   | 5.7  | 2.48   | 4.9 | 1.94   | 5.0 | 1.24   | 4.3 |     |     |
|    | 平均 | 1.15   | 4.4  | 0.85   | 4.3 | 0.67   | 4.2 | 0.43   | 3.5 |     |     |
| 26 | 00 | 3.41   | 5.2  | 2.83   | 5.5 | 2.28   | 5.4 | 1.50   | 4.8 | W   | 270 |
|    | 02 | 5.38   | 7.9  | 4.39   | 7.4 | 3.40   | 7.2 | 2.15   | 5.9 |     |     |
|    | 04 | 5.33   | 8.3  | 3.76   | 8.1 | 2.96   | 7.4 | 1.87   | 5.7 | NW  | 311 |
|    | 06 | 4.49   | 6.6  | 3.84   | 7.4 | 3.11   | 7.6 | 1.94   | 5.8 | NW  | 311 |
|    | 08 | 4.91   | 7.2  | 3.93   | 7.6 | 3.16   | 7.4 | 2.02   | 5.8 | NW  | 311 |
|    | 10 | 5.39   | 7.6  | 4.38   | 6.8 | 3.41   | 7.1 | 1.99   | 5.3 | W   | 274 |
|    | 12 | 5.66   | 8.4  | 4.40   | 8.9 | 3.53   | 7.6 | 2.21   | 5.9 | NW  | 315 |
|    | 14 | * 5.81 | 7.0  | 4.29   | 8.2 | 3.60   | 7.8 | 2.27   | 6.0 |     |     |
|    | 16 | 5.77   | 7.4  | * 4.63 | 8.4 | * 3.84 | 8.0 | * 2.46 | 6.5 | NW  | 315 |
|    | 18 | 5.44   | 8.1  | 3.74   | 8.4 | 2.92   | 7.8 | 1.82   | 5.8 | NW  | 311 |
|    | 20 | 4.41   | 10.2 | 3.87   | 8.4 | 3.16   | 7.9 | 2.03   | 6.3 | NW  | 323 |
|    | 22 | 4.45   | 8.0  | 3.79   | 8.0 | 3.10   | 7.9 | 1.98   | 6.1 | NW  | 323 |
|    | 最大 | 5.81   | 7.0  | 4.63   | 8.4 | 3.84   | 8.0 | 2.46   | 6.5 |     |     |
|    | 平均 | 5.04   | 7.7  | 3.99   | 7.8 | 3.21   | 7.4 | 2.02   | 5.8 |     |     |
| 27 | 00 | * 4.76 | 8.5  | * 3.65 | 8.5 | * 2.94 | 7.7 | * 1.86 | 6.2 | NW  | 315 |
|    | 02 | 4.02   | 9.2  | 3.26   | 8.5 | 2.61   | 8.1 | 1.61   | 6.2 | NW  | 319 |
|    | 04 | 3.69   | 10.1 | 2.68   | 9.6 | 2.11   | 8.7 | 1.32   | 6.8 | NW  | 307 |
|    | 06 | 2.65   | 7.3  | 2.27   | 8.7 | 1.89   | 9.2 | 1.22   | 7.6 | NW  | 323 |
|    | 08 | 2.97   | 8.6  | 2.33   | 8.8 | 1.90   | 9.2 | 1.18   | 7.6 | NW  | 315 |
|    | 10 | 2.78   | 8.8  | 2.08   | 9.2 | 1.63   | 9.2 | 1.04   | 7.5 | NW  | 315 |
|    | 12 | 2.18   | 9.0  | 1.82   | 8.3 | 1.49   | 8.3 | 0.92   | 6.5 | NW  | 319 |
|    | 14 | 3.10   | 7.4  | 2.55   | 7.6 | 2.04   | 7.6 | 1.32   | 6.0 | NW  | 319 |
|    | 16 | 2.96   | 7.1  | 2.36   | 7.3 | 1.93   | 7.1 | 1.21   | 5.6 | NW  | 319 |
|    | 18 | 2.43   | 7.7  | 1.94   | 7.9 | 1.60   | 7.5 | 1.06   | 6.2 | NW  | 323 |
|    | 20 | 2.52   | 7.6  | 1.76   | 7.9 | 1.40   | 7.4 | 0.86   | 5.8 | NW  | 323 |
|    | 22 | 3.67   | 6.0  | 2.49   | 6.8 | 1.99   | 6.5 | 1.20   | 5.1 | W   | 278 |
|    | 最大 | 4.76   | 8.5  | 3.65   | 8.5 | 2.94   | 7.7 | 1.86   | 6.2 |     |     |
|    | 平均 | 3.14   | 8.1  | 2.43   | 8.3 | 1.96   | 8.0 | 1.23   | 6.4 |     |     |
| 28 | 00 | 4.69   | 5.6  | 3.50   | 6.0 | 2.79   | 6.1 | 1.79   | 5.3 | NW  | 307 |
|    | 02 | * 5.83 | 6.9  | 4.07   | 6.3 | 3.17   | 6.5 | 2.00   | 5.4 | NW  | 315 |
|    | 04 | 5.50   | 7.2  | * 4.24 | 7.2 | * 3.38 | 7.4 | 2.13   | 5.9 | NW  | 311 |
|    | 06 | 5.19   | 7.1  | 4.14   | 7.6 | 3.33   | 7.5 | * 2.17 | 6.2 | WNW | 290 |
|    | 08 | 5.01   | 8.1  | 3.68   | 7.2 | 3.04   | 7.1 | 1.89   | 5.7 | NW  | 307 |
|    | 10 | 5.09   | 5.3  | 3.96   | 7.1 | 3.11   | 6.7 | 2.00   | 5.6 |     |     |
|    | 12 | 5.00   | 5.6  | 4.24   | 7.0 | 3.32   | 6.8 | 2.02   | 5.5 | WNW | 303 |
|    | 14 | 4.78   | 6.8  | 3.93   | 6.9 | 3.16   | 6.7 | 2.02   | 5.7 | WNW | 290 |
|    | 16 | 5.62   | 6.8  | 4.09   | 7.9 | 3.26   | 7.4 | 1.98   | 5.6 | NW  | 315 |
|    | 18 | 4.88   | 8.0  | 3.77   | 7.2 | 3.00   | 7.1 | 1.92   | 5.6 | WNW | 290 |
|    | 20 | 4.43   | 7.5  | 3.28   | 6.8 | 2.62   | 6.6 | 1.66   | 5.3 | NW  | 307 |
|    | 22 | 3.87   | 10.0 | 3.15   | 7.3 | 2.57   | 6.6 | 1.62   | 5.4 | WNW | 290 |
|    | 最大 | 5.83   | 6.9  | 4.24   | 7.2 | 3.38   | 7.4 | 2.17   | 6.2 |     |     |

|     | 平均 | 4.99   | 7.1 | 3.84   | 7.0 | 3.06   | 6.9 | 1.93   | 5.6 |     |     |
|-----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
| 29  | 00 | 3.63   | 5.4 | 2.76   | 6.7 | 2.24   | 6.7 | 1.42   | 5.2 | NW  | 307 |
|     | 02 | 3.61   | 7.2 | 2.49   | 7.2 | 1.97   | 7.1 | 1.24   | 5.5 | NW  | 307 |
|     | 04 | 3.31   | 8.5 | 2.34   | 7.4 | 1.85   | 7.0 | 1.13   | 5.4 | NW  | 311 |
|     | 06 | 3.03   | 6.3 | 2.14   | 7.1 | 1.70   | 6.9 | 1.06   | 5.4 | NW  | 323 |
|     | 08 | 2.92   | 7.2 | 2.08   | 8.0 | 1.66   | 7.7 | 1.02   | 5.8 | NW  | 307 |
|     | 10 | 2.25   | 6.8 | 1.87   | 7.1 | 1.52   | 7.1 | 0.96   | 5.5 | NW  | 311 |
|     | 12 | 2.84   | 7.9 | 2.01   | 7.0 | 1.57   | 6.8 | 0.97   | 5.1 | NNW | 327 |
|     | 14 | 3.85   | 7.0 | 3.04   | 6.8 | 2.38   | 6.3 | 1.48   | 5.1 | W   | 274 |
|     | 16 | 3.71   | 6.1 | 3.08   | 6.6 | 2.54   | 6.6 | 1.69   | 5.5 | W   | 278 |
|     | 18 | 3.89   | 6.1 | 3.25   | 6.9 | 2.58   | 6.4 | 1.66   | 5.4 | W   | 278 |
|     | 20 | 4.68   | 6.3 | 3.38   | 6.6 | 2.73   | 6.5 | 1.65   | 5.3 | NW  | 307 |
|     | 22 | * 4.78 | 6.6 | * 3.59 | 7.1 | * 2.86 | 7.0 | * 1.77 | 5.7 | NW  | 311 |
|     | 最大 | 4.78   | 6.6 | 3.59   | 7.1 | 2.86   | 7.0 | 1.77   | 5.7 |     |     |
|     | 平均 | 3.54   | 6.8 | 2.67   | 7.0 | 2.13   | 6.8 | 1.34   | 5.4 |     |     |
| 30  | 00 | * 5.06 | 6.3 | * 3.68 | 7.1 | * 2.86 | 7.2 | * 1.80 | 5.8 | NW  | 315 |
|     | 02 | 4.35   | 7.7 | 3.34   | 6.4 | 2.68   | 6.6 | 1.73   | 5.3 | NW  | 311 |
|     | 04 | 3.50   | 6.1 | 2.94   | 6.5 | 2.45   | 6.6 | 1.56   | 5.2 | WNW | 303 |
|     | 06 | 3.74   | 6.4 | 2.73   | 7.1 | 2.10   | 6.8 | 1.27   | 5.0 | NW  | 323 |
|     | 08 | 3.08   | 7.3 | 2.16   | 7.7 | 1.78   | 7.1 | 1.17   | 5.7 | NW  | 311 |
|     | 10 | 3.07   | 5.7 | 2.22   | 6.9 | 1.71   | 6.8 | 1.11   | 5.3 | NW  | 319 |
|     | 12 | 2.48   | 7.9 | 2.06   | 7.1 | 1.62   | 6.3 | 1.06   | 5.1 | NW  | 323 |
|     | 14 | 2.41   | 7.3 | 1.95   | 6.6 | 1.61   | 6.1 | 1.04   | 4.8 | NW  | 315 |
|     | 16 | 2.97   | 4.8 | 2.32   | 5.7 | 1.94   | 5.6 | 1.25   | 4.6 | NNW | 327 |
|     | 18 | 2.65   | 5.2 | 2.09   | 5.4 | 1.68   | 5.6 | 1.06   | 4.6 | NW  | 319 |
|     | 20 | 2.36   | 5.9 | 1.72   | 6.2 | 1.34   | 6.1 | 0.86   | 5.0 | NNW | 327 |
|     | 22 | 2.15   | 5.5 | 1.81   | 6.1 | 1.48   | 6.1 | 0.95   | 5.3 | NW  | 323 |
|     | 最大 | 5.06   | 6.3 | 3.68   | 7.1 | 2.86   | 7.2 | 1.80   | 5.8 |     |     |
|     | 平均 | 3.15   | 6.3 | 2.42   | 6.6 | 1.94   | 6.4 | 1.24   | 5.1 |     |     |
|     |    |        |     |        |     |        |     |        |     |     |     |
| 月最大 |    | 6.21   | 8.3 | 4.63   | 8.4 | 3.84   | 8.0 | 2.46   | 6.5 |     |     |
| 起時  |    | 1302   |     | 2616   |     | 2616   |     | 2616   |     |     |     |
| 平均  |    | 2.54   | 6.5 | 1.93   | 6.6 | 1.54   | 6.5 | 0.98   | 5.3 |     |     |

\* は日最大波高を示す

波浪整理表（1）

2013年12月

| 波高   |       | 波向   |       |
|------|-------|------|-------|
| 規定回数 | 372 回 | 規定回数 | 372 回 |
| 測得回数 | 372 回 | 測得回数 | 367 回 |
| 欠測回数 | 0 回   | 欠測回数 | 5 回   |
| 欠測率  | 0.0 % | 欠測率  | 1.3 % |

觀測所名：直江津港(直轄) | 機種：波高 海象計 -32m 波向 海象計 -32m

| 日  | 時  | H max  | T max | H 1/10 | T 1/10 | H 1/3  | T 1/3 | H mean | T mean | 波向   |     |
|----|----|--------|-------|--------|--------|--------|-------|--------|--------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)    | (m)    | (s)   | (m)    | (s)    | 16方位 | 角度  |
| 01 | 00 | 3.12   | 5.8   | 2.10   | 5.8    | 1.66   | 5.8   | 1.11   | 5.2    | WNW  | 299 |
|    | 02 | 2.77   | 6.3   | 2.34   | 6.2    | 1.87   | 6.0   | 1.16   | 4.9    | NW   | 311 |
|    | 04 | * 3.27 | 7.8   | * 2.74 | 6.4    | * 2.16 | 6.4   | * 1.36 | 5.0    | NNW  | 335 |
|    | 06 | 3.00   | 5.6   | 2.47   | 6.1    | 1.96   | 6.3   | 1.22   | 5.5    | NW   | 311 |
|    | 08 | 3.16   | 6.3   | 1.98   | 6.7    | 1.61   | 6.7   | 1.04   | 5.8    | WNW  | 303 |
|    | 10 | 2.39   | 7.4   | 1.78   | 7.1    | 1.40   | 6.9   | 0.90   | 5.8    | WNW  | 303 |
|    | 12 | 1.84   | 7.0   | 1.43   | 6.6    | 1.14   | 6.7   | 0.73   | 5.8    | NW   | 319 |
|    | 14 | 1.85   | 7.1   | 1.44   | 7.1    | 1.18   | 7.0   | 0.76   | 5.9    | NW   | 311 |
|    | 16 | 2.01   | 6.5   | 1.61   | 7.4    | 1.29   | 7.5   | 0.82   | 6.6    | NW   | 315 |
|    | 18 | 1.88   | 7.1   | 1.40   | 7.3    | 1.12   | 7.4   | 0.73   | 6.4    | NW   | 315 |
|    | 20 | 1.88   | 6.8   | 1.23   | 7.2    | 0.98   | 7.2   | 0.64   | 6.1    | NW   | 319 |
|    | 22 | 1.46   | 5.9   | 1.18   | 6.9    | 0.94   | 6.9   | 0.58   | 5.8    | NW   | 307 |
|    | 最大 | 3.27   | 7.8   | 2.74   | 6.4    | 2.16   | 6.4   | 1.36   | 5.0    |      |     |
|    | 平均 | 2.39   | 6.6   | 1.81   | 6.7    | 1.44   | 6.7   | 0.92   | 5.7    |      |     |
| 02 | 00 | 1.27   | 6.9   | 1.08   | 7.2    | 0.88   | 7.3   | 0.58   | 6.5    | NW   | 307 |
|    | 02 | 1.23   | 6.2   | 0.92   | 6.6    | 0.74   | 6.6   | 0.49   | 6.0    | NNW  | 327 |
|    | 04 | 1.24   | 6.5   | 0.89   | 6.8    | 0.70   | 6.9   | 0.44   | 6.0    | NW   | 307 |
|    | 06 | * 2.60 | 4.6   | * 2.04 | 5.0    | * 1.64 | 5.2   | 1.05   | 4.4    | W    | 274 |
|    | 08 | 2.20   | 5.2   | 1.56   | 5.9    | 1.32   | 5.8   | 0.88   | 5.0    | WNW  | 282 |
|    | 10 | 2.40   | 5.4   | 1.99   | 5.3    | 1.62   | 5.3   | * 1.07 | 4.6    | W    | 270 |
|    | 12 | 2.18   | 4.9   | 1.78   | 5.4    | 1.42   | 5.3   | 0.88   | 4.3    | W    | 274 |
|    | 14 | 1.99   | 4.7   | 1.48   | 5.3    | 1.22   | 5.1   | 0.77   | 4.4    | WNW  | 295 |
|    | 16 | 2.25   | 3.1   | 1.54   | 4.9    | 1.22   | 4.8   | 0.80   | 4.2    | W    | 274 |
|    | 18 | 1.48   | 5.4   | 1.20   | 5.1    | 0.98   | 5.0   | 0.64   | 4.4    | WNW  | 299 |
|    | 20 | 1.71   | 4.8   | 1.34   | 4.9    | 1.05   | 5.0   | 0.66   | 4.6    | NW   | 323 |
|    | 22 | 2.14   | 5.1   | 1.65   | 5.3    | 1.30   | 5.3   | 0.83   | 4.8    | NNW  | 340 |
|    | 最大 | 2.60   | 4.6   | 2.04   | 5.0    | 1.64   | 5.2   | 1.07   | 4.6    |      |     |
|    | 平均 | 1.89   | 5.2   | 1.46   | 5.6    | 1.17   | 5.6   | 0.76   | 4.9    |      |     |
| 03 | 00 | 1.72   | 5.4   | * 1.33 | 5.3    | * 1.04 | 5.3   | * 0.68 | 4.6    | NW   | 323 |
|    | 02 | 1.48   | 4.0   | 1.23   | 4.8    | 1.02   | 5.0   | 0.67   | 4.4    | NW   | 319 |
|    | 04 | * 1.86 | 4.8   | 1.24   | 5.1    | 1.00   | 4.9   | 0.64   | 4.4    | NW   | 315 |
|    | 06 | 1.53   | 5.0   | 0.99   | 5.3    | 0.78   | 5.2   | 0.52   | 4.6    | NNW  | 340 |
|    | 08 | 1.21   | 5.3   | 0.92   | 5.4    | 0.76   | 5.5   | 0.48   | 4.7    | NNW  | 344 |
|    | 10 | 1.12   | 5.8   | 0.89   | 5.2    | 0.73   | 5.3   | 0.48   | 4.6    | NNW  | 331 |
|    | 12 | 1.26   | 4.2   | 0.85   | 5.2    | 0.68   | 5.2   | 0.44   | 4.6    | NNW  | 335 |
|    | 14 | 1.09   | 6.9   | 0.82   | 5.5    | 0.67   | 5.5   | 0.43   | 4.5    | NW   | 323 |
|    | 16 | 0.96   | 5.1   | 0.72   | 6.0    | 0.58   | 6.0   | 0.36   | 4.6    | NW   | 315 |
|    | 18 | 1.04   | 5.8   | 0.75   | 6.3    | 0.62   | 6.2   | 0.41   | 5.3    | NW   | 311 |
|    | 20 | 1.02   | 5.9   | 0.71   | 6.2    | 0.57   | 6.2   | 0.36   | 5.2    | NNW  | 327 |
|    | 22 | 0.85   | 5.7   | 0.66   | 6.2    | 0.51   | 6.1   | 0.32   | 5.1    | NW   | 323 |
|    | 最大 | 1.86   | 4.8   | 1.33   | 5.3    | 1.04   | 5.3   | 0.68   | 4.6    |      |     |
|    | 平均 | 1.26   | 5.3   | 0.93   | 5.5    | 0.75   | 5.5   | 0.48   | 4.7    |      |     |
| 04 | 00 | * 0.76 | 6.3   | * 0.58 | 6.2    | * 0.48 | 6.2   | * 0.31 | 5.3    | NNW  | 327 |
|    | 02 | 0.65   | 6.1   | 0.51   | 6.1    | 0.43   | 5.9   | 0.29   | 5.2    | NNW  | 331 |
|    | 04 | 0.76   | 5.9   | 0.57   | 5.9    | 0.44   | 5.8   | 0.28   | 5.0    | NW   | 323 |
|    | 06 | 0.58   | 5.0   | 0.45   | 5.4    | 0.36   | 5.5   | 0.23   | 4.5    | NNW  | 335 |
|    | 08 | 0.57   | 5.7   | 0.46   | 5.4    | 0.37   | 5.5   | 0.23   | 4.7    | NNW  | 331 |
|    | 10 | 0.58   | 5.6   | 0.42   | 5.5    | 0.33   | 5.4   | 0.22   | 4.5    | NW   | 315 |
|    | 12 | 0.56   | 5.4   | 0.40   | 5.7    | 0.33   | 5.4   | 0.21   | 4.4    | NW   | 315 |
|    | 14 | 0.43   | 5.7   | 0.36   | 5.2    | 0.29   | 5.3   | 0.19   | 4.1    | N    | 0   |
|    | 16 | 0.47   | 4.8   | 0.35   | 5.4    | 0.28   | 5.1   | 0.18   | 3.8    | NNE  | 20  |
|    | 18 | 0.39   | 6.1   | 0.31   | 5.4    | 0.25   | 5.3   | 0.16   | 4.2    | N    | 0   |
|    | 20 | 0.40   | 6.3   | 0.28   | 5.6    | 0.22   | 5.4   | 0.14   | 4.0    | NNW  | 331 |
|    | 22 | 0.39   | 6.2   | 0.32   | 4.9    | 0.25   | 4.5   | 0.16   | 3.5    | WNW  | 299 |
|    | 最大 | 0.76   | 6.3   | 0.58   | 6.2    | 0.48   | 6.2   | 0.31   | 5.3    |      |     |

|    |    |        |     |        |     |        |     |        |     |     |     |
|----|----|--------|-----|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 平均 | 0.55   | 5.8 | 0.42   | 5.6 | 0.34   | 5.4 | 0.22   | 4.4 |     |     |
| 05 | 00 | 1.01   | 4.6 | 0.73   | 4.8 | 0.56   | 4.9 | 0.35   | 4.2 | W   | 278 |
|    | 02 | 1.19   | 3.9 | 0.93   | 4.4 | 0.75   | 4.6 | 0.47   | 4.0 | W   | 266 |
|    | 04 | 1.91   | 4.7 | 1.39   | 4.6 | 1.08   | 4.7 | 0.72   | 4.3 | W   | 262 |
|    | 06 | 1.44   | 4.1 | 0.85   | 4.3 | 0.69   | 4.5 | 0.44   | 3.9 | WNW | 282 |
|    | 08 | 1.50   | 3.7 | 1.05   | 4.3 | 0.82   | 4.4 | 0.51   | 3.8 | NNW | 343 |
|    | 10 | 1.38   | 4.4 | 1.06   | 4.5 | 0.87   | 4.6 | 0.56   | 4.0 | W   | 274 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 1.56   | 4.7 | 1.21   | 4.2 | 0.97   | 4.5 | 0.62   | 3.8 | W   | 274 |
|    | 14 | 2.22   | 4.5 | 1.58   | 4.4 | 1.21   | 4.4 | 0.76   | 3.7 | NE  | 34  |
|    | 16 | 1.87   | 4.3 | 1.31   | 4.7 | 1.07   | 4.7 | 0.68   | 4.1 | W   | 266 |
|    | 18 | 1.25   | 4.6 | 0.95   | 4.6 | 0.73   | 4.6 | 0.46   | 3.9 | NW  | 319 |
|    | 20 | 2.13   | 4.6 | 1.69   | 5.2 | 1.33   | 5.4 | 0.85   | 4.8 | W   | 274 |
|    | 22 | * 2.50 | 5.5 | * 1.85 | 5.6 | * 1.46 | 5.6 | * 0.93 | 5.1 | WNW | 282 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 2.50   | 5.5 | 1.85   | 5.6 | 1.46   | 5.6 | 0.93   | 5.1 |     |     |
|    | 平均 | 1.66   | 4.5 | 1.22   | 4.6 | 0.96   | 4.7 | 0.61   | 4.1 |     |     |
| 06 | 00 | * 3.70 | 5.6 | 2.56   | 6.2 | 1.97   | 6.0 | 1.23   | 5.3 | WNW | 282 |
|    | 02 | 3.02   | 5.6 | 2.05   | 5.6 | 1.64   | 5.7 | 1.08   | 5.2 | W   | 266 |
|    | 04 | 2.74   | 5.6 | 2.38   | 5.4 | 1.88   | 5.4 | 1.18   | 4.4 | W   | 274 |
|    | 06 | 3.66   | 6.4 | * 2.90 | 6.2 | * 2.29 | 6.2 | * 1.45 | 4.9 | NW  | 315 |
|    | 08 | 3.28   | 6.9 | 2.36   | 6.4 | 1.85   | 6.4 | 1.19   | 5.3 | NW  | 315 |
|    | 10 | 2.72   | 6.1 | 2.12   | 5.7 | 1.72   | 5.8 | 1.08   | 4.9 | W   | 274 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 2.13   | 5.2 | 1.84   | 5.5 | 1.53   | 5.6 | 1.01   | 4.8 | W   | 278 |
|    | 14 | 2.77   | 5.7 | 2.09   | 5.1 | 1.63   | 5.1 | 1.04   | 4.2 | W   | 270 |
|    | 16 | 2.75   | 5.3 | 2.13   | 5.3 | 1.74   | 5.3 | 1.12   | 4.6 | W   | 274 |
|    | 18 | 3.11   | 4.7 | 2.51   | 5.3 | 2.00   | 5.3 | 1.28   | 4.5 | W   | 274 |
|    | 20 | 3.07   | 5.4 | 2.19   | 5.4 | 1.69   | 5.3 | 1.08   | 4.5 | NW  | 319 |
|    | 22 | 3.36   | 5.3 | 2.25   | 5.3 | 1.83   | 5.4 | 1.19   | 4.8 | NNW | 327 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 3.70   | 5.6 | 2.90   | 6.2 | 2.29   | 6.2 | 1.45   | 4.9 |     |     |
|    | 平均 | 3.03   | 5.7 | 2.28   | 5.6 | 1.81   | 5.6 | 1.16   | 4.8 |     |     |
| 07 | 00 | 3.01   | 5.3 | 2.05   | 5.4 | 1.65   | 5.5 | 1.05   | 4.6 | NNW | 331 |
|    | 02 | 2.70   | 6.6 | 2.13   | 5.9 | 1.76   | 5.9 | 1.11   | 4.9 | NNW | 340 |
|    | 04 | 3.19   | 5.6 | 2.51   | 6.4 | 1.97   | 6.3 | 1.23   | 5.2 | NW  | 319 |
|    | 06 | 3.25   | 6.1 | 2.35   | 6.3 | 1.82   | 6.5 | 1.16   | 5.5 | NW  | 319 |
|    | 08 | 2.26   | 7.4 | 1.73   | 6.5 | 1.47   | 6.7 | 0.96   | 5.4 | NW  | 323 |
|    | 10 | 2.38   | 6.8 | 1.63   | 7.3 | 1.32   | 7.2 | 0.85   | 5.7 | NW  | 315 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 2.34   | 6.5 | 1.88   | 6.5 | 1.47   | 6.4 | 0.90   | 5.1 | NW  | 315 |
|    | 14 | 2.00   | 5.3 | 1.67   | 6.6 | 1.36   | 6.7 | 0.82   | 5.2 | NW  | 311 |
|    | 16 | 1.96   | 8.1 | 1.53   | 6.5 | 1.26   | 6.2 | 0.80   | 4.6 | NW  | 323 |
|    | 18 | 2.10   | 5.4 | 1.76   | 5.0 | 1.44   | 5.4 | 0.93   | 4.4 | NW  | 311 |
|    | 20 | 3.43   | 5.0 | 2.36   | 5.5 | 1.89   | 5.3 | 1.23   | 4.7 | NNW | 335 |
|    | 22 | * 3.51 | 5.9 | * 2.74 | 5.9 | * 2.14 | 5.9 | * 1.35 | 5.0 | NW  | 323 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 3.51   | 5.9 | 2.74   | 5.9 | 2.14   | 5.9 | 1.35   | 5.0 |     |     |
|    | 平均 | 2.68   | 6.2 | 2.03   | 6.2 | 1.63   | 6.2 | 1.03   | 5.0 |     |     |
| 08 | 00 | 3.55   | 6.9 | * 2.86 | 6.6 | 2.28   | 6.3 | * 1.47 | 5.4 | NNW | 327 |
|    | 02 | 3.30   | 8.0 | 2.76   | 6.3 | * 2.29 | 6.3 | 1.44   | 5.1 | NW  | 319 |
|    | 04 | * 3.79 | 6.0 | 2.53   | 6.0 | 2.00   | 6.1 | 1.24   | 4.9 | WNW | 299 |
|    | 06 | 3.30   | 6.2 | 2.33   | 6.1 | 1.80   | 5.8 | 1.13   | 4.8 | NW  | 319 |
|    | 08 | 2.55   | 5.7 | 2.16   | 5.9 | 1.72   | 6.2 | 1.08   | 4.9 | NW  | 319 |
|    | 10 | 2.33   | 8.6 | 2.09   | 6.6 | 1.69   | 6.5 | 1.05   | 5.0 | NNW | 327 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 2.51   | 6.4 | 1.91   | 6.1 | 1.55   | 6.3 | 0.97   | 5.1 | NW  | 315 |
|    | 14 | 2.36   | 5.1 | 1.86   | 6.7 | 1.45   | 6.3 | 0.90   | 5.0 | NNW | 335 |
|    | 16 | 2.11   | 8.2 | 1.75   | 6.9 | 1.42   | 6.9 | 0.92   | 5.7 | NW  | 323 |
|    | 18 | 2.02   | 7.2 | 1.56   | 7.3 | 1.26   | 6.8 | 0.78   | 5.7 | NNW | 327 |
|    | 20 | 2.25   | 6.8 | 1.41   | 6.7 | 1.09   | 6.8 | 0.68   | 5.6 | NNW | 331 |
|    | 22 | 1.84   | 7.1 | 1.23   | 6.5 | 0.98   | 6.7 | 0.62   | 5.3 | NNW | 327 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 最大 | 3.79   | 6.0 | 2.86   | 6.6 | 2.29   | 6.3 | 1.47   | 5.4 |     |     |
|    | 平均 | 2.66   | 6.9 | 2.04   | 6.5 | 1.63   | 6.4 | 1.02   | 5.2 |     |     |
| 09 | 00 | * 1.68 | 7.0 | * 1.18 | 7.0 | * 0.95 | 6.6 | * 0.61 | 5.2 | NW  | 323 |
|    | 02 | 1.43   | 6.8 | 1.09   | 6.7 | 0.86   | 6.8 | 0.52   | 5.3 | NW  | 311 |
|    | 04 | 1.31   | 7.3 | 0.95   | 6.8 | 0.77   | 6.8 | 0.48   | 5.6 | NNW | 331 |
|    | 06 | 1.30   | 7.1 | 0.84   | 7.2 | 0.67   | 7.1 | 0.41   | 5.7 | NNW | 344 |
|    | 08 | 0.94   | 7.4 | 0.83   | 6.9 | 0.65   | 6.8 | 0.40   | 5.5 | NNW | 335 |
|    | 10 | 0.90   | 7.1 | 0.75   | 6.8 | 0.60   | 6.7 | 0.37   | 5.5 | NNW | 340 |
|    |    |        |     |        |     |        |     |        |     |     |     |
|    | 12 | 0.92   | 7.1 | 0.75   | 7.0 | 0.57   | 7.0 | 0.34   | 5.5 | NNW | 344 |
|    | 14 | 0.89   | 5.7 | 0.62   | 6.0 | 0.50   | 6.3 | 0.31   | 5.5 | NW  | 323 |
|    | 16 | 0.74   | 6.2 | 0.51   | 6.9 | 0.40   | 7.0 | 0.25   | 5.2 | N   | 356 |
|    | 18 | 0.53   | 6.2 | 0.42   | 6.4 | 0.34   | 6.5 | 0.21   | 4.9 | N   | 4   |
|    | 20 | 0.51   | 6.1 | 0.39   | 6.3 | 0.30   | 5.7 | 0.19   | 4.2 | N   | 0   |
|    | 22 | 0.57   | 6.9 | 0.48   | 6.0 | 0.37   | 5.7 | 0.23   | 4.0 | NW  | 315 |

|          |          |              |              |              |              |              |              |              |              |            |     |     |
|----------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----|-----|
|          |          | 最大<br>平均     | 1.68<br>0.98 | 7.0<br>6.7   | 1.18<br>0.73 | 7.0<br>6.7   | 0.95<br>0.58 | 6.6<br>6.6   | 0.61<br>0.36 | 5.2<br>5.2 |     |     |
| 10       | 00       | 0.86         | 5.4          | 0.64         | 5.9          | 0.49         | 5.9          | 0.30         | 4.6          | NW         | 311 |     |
|          | 02       | 0.81         | 8.3          | 0.62         | 6.2          | 0.49         | 6.0          | 0.31         | 4.6          | NW         | 315 |     |
|          | 04       | 0.94         | 4.4          | 0.69         | 5.2          | 0.55         | 4.7          | 0.36         | 3.6          | W          | 278 |     |
|          | 06       | 0.91         | 6.3          | 0.69         | 5.8          | 0.55         | 6.0          | 0.36         | 4.7          | WNW        | 303 |     |
|          | 08       | 0.88         | 6.2          | 0.62         | 5.6          | 0.49         | 5.5          | 0.32         | 4.3          | NW         | 319 |     |
|          | 10       | 2.05         | 4.9          | 1.58         | 4.7          | 1.24         | 4.6          | 0.77         | 4.1          | W          | 270 |     |
|          | 12       | 2.97         | 4.7          | 2.31         | 4.9          | 1.86         | 5.1          | 1.21         | 4.4          | W          | 266 |     |
|          | 14       | 4.11         | 6.1          | 3.37         | 6.2          | 2.67         | 6.3          | 1.68         | 5.1          | W          | 274 |     |
|          | 16       | 4.69         | 6.8          | 4.05         | 6.9          | 3.35         | 6.9          | 2.10         | 5.8          | NW         | 307 |     |
|          | 18       | 5.20         | 7.4          | 4.40         | 7.5          | 3.45         | 7.6          | 2.17         | 6.1          | NW         | 315 |     |
|          | 20       | * 6.14       | 7.5          | 4.86         | 8.2          | 3.94         | 8.2          | 2.43         | 6.5          | NNW        | 327 |     |
|          | 22       | 5.62         | 6.2          | * 5.12       | 10.0         | * 4.25       | 9.5          | * 2.69       | 7.1          | NNW        | 327 |     |
|          | 最大<br>平均 | 6.14<br>2.93 | 7.5<br>6.2   | 5.12<br>2.41 | 10.0<br>6.4  | 4.25<br>1.94 | 9.5<br>6.4   | 2.69<br>1.23 | 7.1<br>5.1   |            |     |     |
|          | 11       | 00           | * 7.07       | 9.8          | * 5.30       | 10.1         | * 4.24       | 9.6          | * 2.64       | 7.2        | NNW | 331 |
|          |          | 02           | 4.80         | 7.2          | 4.01         | 9.0          | 3.39         | 8.4          | 2.25         | 6.5        | NW  | 323 |
|          |          | 04           | 4.89         | 13.3         | 3.73         | 8.5          | 3.02         | 8.5          | 1.89         | 6.2        | NNW | 340 |
|          |          | 06           | 4.58         | 7.0          | 3.32         | 7.9          | 2.74         | 7.9          | 1.73         | 5.9        | NNW | 327 |
|          |          | 08           | 4.49         | 9.0          | 3.57         | 8.4          | 2.86         | 8.8          | 1.67         | 6.0        | NNW | 331 |
| 10       |          | 3.67         | 9.3          | 2.72         | 8.6          | 2.23         | 8.6          | 1.40         | 6.3          | NW         | 323 |     |
| 12       |          | 3.37         | 10.0         | 2.60         | 10.8         | 2.01         | 9.7          | 1.23         | 7.7          | NNW        | 331 |     |
| 14       |          | 4.16         | 11.5         | 2.79         | 11.2         | 2.22         | 10.5         | 1.38         | 8.7          | NNW        | 344 |     |
| 16       |          | 2.84         | 11.6         | 2.34         | 10.2         | 1.86         | 10.0         | 1.13         | 8.0          | NNW        | 335 |     |
| 18       |          | 5.05         | 5.0          | 3.30         | 6.0          | 2.64         | 6.0          | 1.70         | 5.1          | W          | 274 |     |
| 20       |          | 3.85         | 7.3          | 2.91         | 7.0          | 2.33         | 6.9          | 1.46         | 5.3          | NNW        | 335 |     |
| 22       |          | 3.63         | 8.1          | 2.85         | 7.7          | 2.29         | 7.2          | 1.43         | 5.7          | NNW        | 327 |     |
| 最大<br>平均 |          | 7.07<br>4.37 | 9.8<br>9.1   | 5.30<br>3.29 | 10.1<br>8.8  | 4.24<br>2.65 | 9.6<br>8.5   | 2.64<br>1.66 | 7.2<br>6.6   |            |     |     |
| 12       |          | 00           | 3.71         | 5.9          | 2.80         | 6.9          | 2.29         | 6.9          | 1.43         | 5.2        | NNW | 335 |
|          |          | 02           | 4.27         | 6.5          | 3.32         | 6.7          | 2.66         | 6.2          | 1.67         | 5.1        | W   | 270 |
|          |          | 04           | 4.43         | 6.6          | 3.50         | 6.8          | 2.78         | 6.7          | 1.77         | 5.7        | WNW | 286 |
|          |          | 06           | 4.64         | 6.7          | 3.40         | 6.4          | 2.74         | 6.6          | 1.68         | 5.4        | WNW | 299 |
|          |          | 08           | 3.84         | 6.8          | 2.90         | 7.1          | 2.36         | 7.0          | 1.46         | 5.5        | NNW | 327 |
|          | 10       | 4.00         | 9.0          | 3.25         | 7.4          | 2.57         | 7.6          | 1.65         | 6.1          | NNW        | 335 |     |
|          | 12       | 4.14         | 8.7          | 3.49         | 8.0          | 2.78         | 7.9          | 1.76         | 6.5          | NW         | 323 |     |
|          | 14       | 4.33         | 8.0          | 3.60         | 8.8          | 2.85         | 8.1          | 1.80         | 6.3          | NNW        | 344 |     |
|          | 16       | 4.95         | 6.2          | * 3.67       | 7.9          | * 2.94       | 7.6          | 1.82         | 5.9          | NNW        | 335 |     |
|          | 18       | * 5.33       | 5.7          | 3.61         | 7.5          | 2.88         | 7.4          | * 1.85       | 5.7          | NNW        | 331 |     |
|          | 20       | 4.24         | 8.6          | 3.26         | 8.6          | 2.73         | 8.0          | 1.80         | 6.3          | NNW        | 340 |     |
|          | 22       | 3.78         | 8.6          | 3.17         | 8.1          | 2.49         | 8.3          | 1.51         | 6.1          | NNW        | 344 |     |
|          | 最大<br>平均 | 5.33<br>4.31 | 5.7<br>7.3   | 3.67<br>3.33 | 7.9<br>7.5   | 2.94<br>2.67 | 7.6<br>7.4   | 1.85<br>1.68 | 5.7<br>5.8   |            |     |     |
|          | 13       | 00           | 3.26         | 7.9          | 2.68         | 9.0          | 2.07         | 9.0          | 1.29         | 7.2        | NNW | 340 |
|          |          | 02           | 2.73         | 8.2          | 2.25         | 9.1          | 1.81         | 8.9          | 1.14         | 7.6        | NNW | 340 |
|          |          | 04           | 2.61         | 9.1          | 1.92         | 8.5          | 1.53         | 8.6          | 0.91         | 6.5        | NNW | 335 |
|          |          | 06           | 2.39         | 7.7          | 1.54         | 7.7          | 1.25         | 7.7          | 0.75         | 5.7        | NNW | 327 |
|          |          | 08           | 2.29         | 8.0          | 1.96         | 7.3          | 1.61         | 7.5          | 1.03         | 5.9        | WNW | 286 |
| 10       |          | 3.98         | 5.8          | 3.08         | 6.7          | 2.54         | 6.5          | 1.61         | 5.2          | WNW        | 282 |     |
| 12       |          | 4.10         | 8.8          | 3.46         | 6.7          | 2.77         | 6.4          | 1.82         | 5.5          | W          | 274 |     |
| 14       |          | 5.27         | 7.1          | 3.90         | 7.3          | 3.14         | 7.3          | 1.92         | 5.6          | NW         | 307 |     |
| 16       |          | 6.19         | 8.3          | 4.86         | 8.1          | 3.89         | 8.2          | 2.46         | 6.4          |            |     |     |
| 18       |          | * 8.16       | 8.0          | * 5.70       | 7.9          | 4.55         | 7.9          | 2.78         | 6.3          |            |     |     |
| 20       |          | 6.64         | 7.2          | 5.27         | 7.6          | 4.17         | 7.7          | 2.53         | 6.2          | NW         | 319 |     |
| 22       |          | 6.88         | 7.4          | 5.69         | 8.0          | * 4.71       | 8.1          | * 3.16       | 7.1          | NW         | 307 |     |
| 最大<br>平均 |          | 8.16<br>4.54 | 8.0<br>7.8   | 5.70<br>3.53 | 7.9<br>7.8   | 4.71<br>2.84 | 8.1<br>7.8   | 3.16<br>1.78 | 7.1<br>6.3   |            |     |     |
| 14       |          | 00           | 5.75         | 8.6          | 4.82         | 8.2          | 3.87         | 7.9          | 2.39         | 6.3        | NW  | 311 |
|          |          | 02           | 5.66         | 7.6          | 4.63         | 7.3          | 3.68         | 7.0          | 2.25         | 5.7        | NW  | 307 |
|          |          | 04           | 5.23         | 7.0          | 4.16         | 7.0          | 3.33         | 7.1          | 2.11         | 5.8        | NNW | 327 |
|          |          | 06           | 4.69         | 6.5          | 3.68         | 7.4          | 2.97         | 7.4          | 1.85         | 6.0        | NNW | 327 |
|          |          | 08           | 4.30         | 8.1          | 3.30         | 8.1          | 2.71         | 7.6          | 1.74         | 6.0        | NNW | 331 |
|          | 10       | 4.89         | 6.9          | 3.35         | 8.0          | 2.67         | 7.6          | 1.64         | 5.6          | NW         | 319 |     |
|          | 12       | 4.74         | 7.5          | 3.52         | 6.7          | 2.81         | 6.6          | 1.74         | 5.2          | NW         | 323 |     |
|          | 14       | 4.53         | 6.5          | 3.84         | 6.7          | 3.06         | 6.8          | 1.89         | 5.3          | NW         | 307 |     |



|    |    |        |      |        |      |        |      |        |     |     |     |
|----|----|--------|------|--------|------|--------|------|--------|-----|-----|-----|
|    | 16 | 5.29   | 6.2  | 4.09   | 6.8  | 3.21   | 6.8  | 2.07   | 5.7 |     |     |
|    | 18 | * 6.19 | 8.0  | * 5.12 | 8.0  | 3.95   | 7.5  | 2.37   | 6.1 | NW  | 315 |
|    | 20 | 5.35   | 7.5  | 4.52   | 7.0  | 3.58   | 7.3  | 2.31   | 5.8 | NW  | 323 |
|    | 22 | 5.99   | 6.6  | 4.89   | 6.9  | * 4.01 | 7.3  | * 2.64 | 6.4 | NW  | 319 |
|    | 最大 |        |      |        |      |        |      |        |     |     |     |
|    | 平均 | 6.19   | 8.0  | 5.12   | 8.0  | 4.01   | 7.3  | 2.64   | 6.4 |     |     |
|    |    | 5.22   | 7.3  | 4.16   | 7.3  | 3.32   | 7.2  | 2.08   | 5.8 |     |     |
| 15 | 00 | 6.47   | 9.2  | 4.80   | 7.9  | 3.73   | 7.4  | 2.41   | 6.2 | NW  | 319 |
|    | 02 | 5.11   | 6.5  | 4.19   | 7.1  | 3.36   | 6.9  | 2.10   | 5.7 | NW  | 323 |
|    | 04 | 5.91   | 6.5  | 4.06   | 6.8  | 3.30   | 6.9  | 2.06   | 5.6 |     |     |
|    | 06 | 6.76   | 7.0  | 4.59   | 7.3  | 3.65   | 7.3  | 2.34   | 6.1 | WNW | 299 |
|    | 08 | 5.53   | 9.7  | 4.64   | 8.2  | 3.75   | 7.9  | 2.41   | 6.5 | NNW | 327 |
|    | 10 | 7.13   | 7.4  | 4.84   | 8.2  | 3.68   | 7.9  | 2.22   | 6.1 | NW  | 315 |
|    | 12 | 4.82   | 7.9  | 4.05   | 8.3  | 3.23   | 7.9  | 2.10   | 6.2 | NW  | 323 |
|    | 14 | 5.70   | 7.8  | 4.67   | 8.0  | 3.81   | 8.0  | 2.53   | 6.9 | NNW | 340 |
|    | 16 | 7.58   | 7.5  | 4.67   | 7.5  | 3.68   | 7.6  | 2.27   | 6.2 | NW  | 319 |
|    | 18 | 7.32   | 8.4  | 5.17   | 8.3  | 4.10   | 8.1  | 2.59   | 6.6 | NW  | 319 |
|    | 20 | 6.04   | 8.4  | 5.12   | 8.5  | 4.06   | 8.1  | 2.49   | 6.3 | NNW | 327 |
|    | 22 | * 8.22 | 9.2  | * 6.60 | 10.2 | * 4.99 | 9.7  | * 3.07 | 7.0 | NNW | 327 |
|    | 最大 |        |      |        |      |        |      |        |     |     |     |
|    | 平均 | 8.22   | 9.2  | 6.60   | 10.2 | 4.99   | 9.7  | 3.07   | 7.0 |     |     |
|    |    | 6.38   | 8.0  | 4.78   | 8.0  | 3.78   | 7.8  | 2.38   | 6.3 |     |     |
| 16 | 00 | 8.09   | 7.4  | * 6.33 | 9.1  | * 5.02 | 9.1  | * 3.18 | 7.3 | NW  | 323 |
|    | 02 | 7.54   | 8.9  | 5.68   | 9.2  | 4.60   | 9.3  | 3.03   | 7.6 | NNW | 327 |
|    | 04 | * 8.12 | 9.7  | 5.51   | 8.7  | 4.32   | 8.9  | 2.74   | 7.2 | NW  | 319 |
|    | 06 | 6.03   | 7.8  | 5.25   | 8.4  | 4.27   | 8.6  | 2.58   | 6.7 | NNW | 327 |
|    | 08 | 6.34   | 10.2 | 5.06   | 8.8  | 4.12   | 8.1  | 2.64   | 6.8 | NW  | 319 |
|    | 10 | 5.26   | 9.2  | 4.57   | 8.6  | 3.76   | 8.8  | 2.37   | 6.8 | NNW | 327 |
|    | 12 | 5.41   | 8.4  | 4.41   | 8.7  | 3.40   | 8.7  | 2.15   | 6.6 | NW  | 319 |
|    | 14 | 5.88   | 10.3 | 4.25   | 10.0 | 3.48   | 9.6  | 2.21   | 7.2 | NNW | 327 |
|    | 16 | 4.31   | 10.1 | 3.64   | 9.5  | 2.89   | 9.0  | 1.80   | 6.4 | NNW | 327 |
|    | 18 | 3.84   | 11.4 | 3.22   | 10.2 | 2.71   | 9.4  | 1.80   | 7.1 | NNW | 335 |
|    | 20 | 3.93   | 10.4 | 3.22   | 9.8  | 2.56   | 8.7  | 1.56   | 6.4 | NNW | 331 |
|    | 22 | 4.21   | 10.3 | 3.17   | 10.3 | 2.44   | 9.7  | 1.47   | 6.7 | NNW | 331 |
|    | 最大 |        |      |        |      |        |      |        |     |     |     |
|    | 平均 | 8.12   | 9.7  | 6.33   | 9.1  | 5.02   | 9.1  | 3.18   | 7.3 |     |     |
|    |    | 5.75   | 9.5  | 4.53   | 9.3  | 3.63   | 9.0  | 2.29   | 6.9 |     |     |
| 17 | 00 | * 4.24 | 11.2 | * 2.90 | 10.3 | * 2.27 | 9.7  | * 1.43 | 7.2 | NNW | 344 |
|    | 02 | 3.73   | 11.7 | 2.85   | 10.9 | 2.26   | 10.3 | 1.40   | 7.1 | NNW | 335 |
|    | 04 | 2.93   | 13.6 | 2.59   | 10.9 | 2.18   | 11.0 | 1.39   | 7.6 | NNW | 340 |
|    | 06 | 3.99   | 11.5 | 2.75   | 10.6 | 2.10   | 10.4 | 1.29   | 7.1 | NNW | 340 |
|    | 08 | 3.13   | 10.7 | 2.28   | 10.1 | 1.72   | 9.6  | 1.05   | 6.8 | NNW | 344 |
|    | 10 | 3.01   | 10.5 | 2.11   | 11.1 | 1.66   | 10.4 | 1.01   | 7.6 | NNW | 344 |
|    | 12 | 2.30   | 10.7 | 2.08   | 11.7 | 1.75   | 11.1 | 1.08   | 7.9 | NNW | 340 |
|    | 14 | 2.61   | 11.0 | 2.10   | 10.8 | 1.61   | 9.5  | 0.97   | 6.3 | NNW | 340 |
|    | 16 | 2.30   | 9.5  | 1.91   | 9.8  | 1.47   | 9.2  | 0.87   | 6.3 | NNW | 344 |
|    | 18 | 2.10   | 10.5 | 1.73   | 9.4  | 1.43   | 8.9  | 0.91   | 7.0 | NNW | 344 |
|    | 20 | 2.06   | 8.2  | 1.67   | 9.0  | 1.38   | 9.0  | 0.89   | 7.1 | NNW | 340 |
|    | 22 | 1.65   | 10.1 | 1.40   | 8.4  | 1.13   | 7.9  | 0.74   | 6.3 | NNW | 344 |
|    | 最大 |        |      |        |      |        |      |        |     |     |     |
|    | 平均 | 4.24   | 11.2 | 2.90   | 10.3 | 2.27   | 9.7  | 1.43   | 7.2 |     |     |
|    |    | 2.84   | 10.8 | 2.20   | 10.3 | 1.75   | 9.8  | 1.09   | 7.0 |     |     |
| 18 | 00 | 1.62   | 7.6  | * 1.33 | 8.0  | * 1.04 | 7.8  | * 0.69 | 6.7 | NNW | 344 |
|    | 02 | * 1.66 | 6.0  | 1.29   | 7.9  | 1.02   | 8.0  | 0.64   | 6.4 | NNW | 340 |
|    | 04 | 1.52   | 8.7  | 1.20   | 8.1  | 0.98   | 8.1  | 0.64   | 6.7 | NNW | 348 |
|    | 06 | 1.47   | 7.7  | 1.14   | 8.2  | 0.92   | 7.9  | 0.57   | 6.5 | N   | 0   |
|    | 08 | 1.13   | 7.3  | 0.97   | 8.4  | 0.81   | 7.7  | 0.53   | 6.4 | NNW | 335 |
|    | 10 | 1.34   | 8.3  | 1.07   | 8.2  | 0.87   | 8.1  | 0.53   | 6.6 | N   | 8   |
|    | 12 | 1.21   | 6.9  | 1.01   | 7.8  | 0.79   | 7.6  | 0.48   | 6.0 | N   | 352 |
|    | 14 | 1.32   | 7.9  | 0.93   | 7.7  | 0.74   | 7.8  | 0.47   | 6.2 | N   | 0   |
|    | 16 | 1.27   | 7.6  | 1.00   | 7.7  | 0.79   | 7.6  | 0.51   | 6.2 | NNW | 335 |
|    | 18 | 0.99   | 7.8  | 0.85   | 7.5  | 0.69   | 7.5  | 0.43   | 5.7 | NNW | 344 |
|    | 20 | 1.37   | 5.8  | 1.04   | 8.0  | 0.79   | 8.0  | 0.50   | 6.3 | NNW | 331 |
|    | 22 | 1.25   | 7.6  | 0.92   | 7.6  | 0.72   | 7.4  | 0.45   | 6.1 | NNW | 340 |
|    | 最大 |        |      |        |      |        |      |        |     |     |     |
|    | 平均 | 1.66   | 6.0  | 1.33   | 8.0  | 1.04   | 7.8  | 0.69   | 6.7 |     |     |
|    |    | 1.35   | 7.4  | 1.06   | 7.9  | 0.85   | 7.8  | 0.54   | 6.3 |     |     |
| 19 | 00 | 0.97   | 8.8  | 0.87   | 8.0  | 0.70   | 7.8  | 0.43   | 6.2 | N   | 356 |
|    | 02 | 1.26   | 6.9  | 0.92   | 7.4  | 0.73   | 7.4  | 0.48   | 5.9 | N   | 352 |
|    | 04 | 1.17   | 8.1  | * 0.98 | 7.3  | * 0.80 | 7.3  | * 0.52 | 5.9 | N   | 352 |
|    | 06 | * 1.36 | 6.4  | 0.87   | 7.8  | 0.69   | 7.5  | 0.44   | 6.0 | NNW | 348 |
|    | 08 | 1.15   | 8.7  | 0.79   | 8.3  | 0.63   | 7.6  | 0.41   | 6.2 | N   | 0   |
|    | 10 | 1.22   | 7.9  | 0.90   | 8.5  | 0.70   | 8.1  | 0.45   | 6.7 | N   | 0   |

|    |    |        |      |        |     |        |     |        |     |     |     |
|----|----|--------|------|--------|-----|--------|-----|--------|-----|-----|-----|
|    | 12 | 0.96   | 7.8  | 0.82   | 7.6 | 0.66   | 7.6 | 0.42   | 6.2 | N   | 0   |
|    | 14 | 1.04   | 7.8  | 0.80   | 7.7 | 0.65   | 7.9 | 0.41   | 6.3 | NNW | 344 |
|    | 16 | 0.96   | 8.6  | 0.78   | 8.0 | 0.62   | 7.8 | 0.38   | 5.9 | N   | 356 |
|    | 18 | 0.86   | 7.4  | 0.71   | 7.7 | 0.58   | 7.6 | 0.35   | 5.8 | N   | 352 |
|    | 20 | 0.90   | 8.1  | 0.60   | 7.7 | 0.45   | 7.3 | 0.28   | 5.5 | N   | 0   |
|    | 22 | 0.86   | 7.6  | 0.57   | 7.6 | 0.45   | 6.8 | 0.27   | 5.1 | NNW | 344 |
|    | 最大 | 1.36   | 6.4  | 0.98   | 7.3 | 0.80   | 7.3 | 0.52   | 5.9 |     |     |
|    | 平均 | 1.06   | 7.8  | 0.80   | 7.8 | 0.64   | 7.6 | 0.40   | 6.0 |     |     |
| 20 | 00 | 2.06   | 3.7  | 1.43   | 4.6 | 1.18   | 4.7 | 0.73   | 4.0 | WNW | 286 |
|    | 02 | 2.49   | 5.4  | 2.02   | 5.2 | 1.59   | 5.4 | 1.00   | 4.6 | W   | 278 |
|    | 04 | 3.45   | 5.6  | 2.58   | 5.1 | 2.07   | 5.2 | 1.32   | 4.4 | W   | 270 |
|    | 06 | 3.84   | 6.0  | 2.76   | 6.0 | 2.15   | 5.5 | 1.36   | 4.6 | W   | 266 |
|    | 08 | * 4.71 | 4.8  | 3.04   | 5.8 | 2.33   | 5.8 | 1.48   | 4.8 | WNW | 282 |
|    | 10 | 3.83   | 5.6  | 3.26   | 7.3 | 2.68   | 6.7 | 1.66   | 5.3 | NW  | 315 |
|    | 12 | 4.07   | 5.4  | 3.26   | 6.3 | 2.54   | 6.2 | 1.65   | 5.0 | NW  | 311 |
|    | 14 | 4.60   | 5.2  | * 3.61 | 6.8 | 2.77   | 6.9 | * 1.81 | 5.5 | NW  | 307 |
|    | 16 | 4.30   | 7.1  | 3.44   | 7.4 | * 2.78 | 6.9 | 1.75   | 5.7 | NW  | 311 |
|    | 18 | 3.82   | 8.4  | 2.62   | 8.1 | 2.05   | 7.9 | 1.29   | 6.1 | NW  | 315 |
|    | 20 | 3.07   | 9.0  | 2.43   | 8.8 | 1.97   | 9.5 | 1.23   | 7.1 | NW  | 311 |
|    | 22 | 2.82   | 9.2  | 2.33   | 9.4 | 1.84   | 8.8 | 1.12   | 7.3 | NW  | 315 |
|    | 最大 | 4.71   | 4.8  | 3.61   | 6.8 | 2.78   | 6.9 | 1.81   | 5.5 |     |     |
|    | 平均 | 3.59   | 6.3  | 2.73   | 6.7 | 2.16   | 6.6 | 1.37   | 5.4 |     |     |
| 21 | 00 | 2.10   | 6.5  | 1.66   | 8.1 | 1.32   | 8.4 | 0.83   | 6.8 | WNW | 299 |
|    | 02 | 1.49   | 8.6  | 1.25   | 8.2 | 1.04   | 8.4 | 0.69   | 7.2 | NW  | 323 |
|    | 04 | 1.61   | 8.8  | 1.29   | 9.2 | 1.07   | 9.3 | 0.69   | 7.8 | NW  | 315 |
|    | 06 | 1.76   | 9.3  | 1.40   | 9.0 | 1.14   | 9.0 | 0.73   | 7.4 | NW  | 319 |
|    | 08 | 1.89   | 8.3  | 1.59   | 9.5 | 1.27   | 9.1 | 0.79   | 6.7 | NW  | 319 |
|    | 10 | 2.50   | 9.4  | 1.99   | 7.9 | 1.55   | 6.7 | 0.94   | 4.9 | NW  | 323 |
|    | 12 | 3.58   | 8.9  | 2.40   | 8.0 | 1.88   | 7.6 | 1.23   | 5.3 | NNW | 340 |
|    | 14 | 3.61   | 7.0  | 2.67   | 8.8 | 2.21   | 8.9 | 1.41   | 6.6 | NW  | 319 |
|    | 16 | 3.61   | 8.0  | 2.88   | 8.9 | 2.21   | 8.1 | 1.33   | 6.0 | NW  | 323 |
|    | 18 | 4.20   | 10.4 | 3.39   | 8.6 | 2.63   | 8.1 | 1.59   | 6.0 | NNW | 327 |
|    | 20 | * 4.79 | 7.2  | * 3.68 | 8.4 | * 2.89 | 7.9 | * 1.89 | 6.3 | NW  | 319 |
|    | 22 | 4.28   | 6.4  | 3.28   | 7.4 | 2.63   | 7.7 | 1.64   | 6.0 | NNW | 340 |
|    | 最大 | 4.79   | 7.2  | 3.68   | 8.4 | 2.89   | 7.9 | 1.89   | 6.3 |     |     |
|    | 平均 | 2.95   | 8.2  | 2.29   | 8.5 | 1.82   | 8.3 | 1.15   | 6.4 |     |     |
| 22 | 00 | * 4.82 | 7.7  | * 3.86 | 7.9 | * 3.11 | 7.5 | * 1.96 | 6.0 | NNW | 344 |
|    | 02 | 4.58   | 7.5  | 3.58   | 7.8 | 2.76   | 7.5 | 1.74   | 5.8 | NNW | 344 |
|    | 04 | 4.73   | 6.3  | 3.54   | 7.6 | 2.77   | 7.6 | 1.68   | 5.7 | NNW | 327 |
|    | 06 | 4.26   | 8.0  | 3.49   | 8.0 | 2.83   | 7.5 | 1.74   | 5.8 | NNW | 340 |
|    | 08 | 3.82   | 7.6  | 3.29   | 7.3 | 2.65   | 7.0 | 1.71   | 5.8 | NNW | 335 |
|    | 10 | 4.68   | 5.9  | 3.64   | 7.5 | 2.88   | 7.2 | 1.75   | 5.7 | NNW | 344 |
|    | 12 | 4.16   | 7.6  | 3.23   | 7.2 | 2.57   | 7.1 | 1.65   | 5.7 | NNW | 344 |
|    | 14 | 3.69   | 8.7  | 2.95   | 8.1 | 2.37   | 7.4 | 1.47   | 5.6 | NNW | 331 |
|    | 16 | 3.38   | 6.1  | 2.75   | 7.2 | 2.28   | 7.2 | 1.46   | 5.6 | N   | 352 |
|    | 18 | 4.07   | 7.4  | 3.18   | 7.1 | 2.56   | 6.9 | 1.59   | 5.1 | NNE | 25  |
|    | 20 | 4.16   | 6.7  | 2.73   | 7.2 | 2.13   | 6.9 | 1.36   | 5.4 | NNW | 335 |
|    | 22 | 3.31   | 6.7  | 2.75   | 8.3 | 2.23   | 8.0 | 1.39   | 5.8 | NNW | 344 |
|    | 最大 | 4.82   | 7.7  | 3.86   | 7.9 | 3.11   | 7.5 | 1.96   | 6.0 |     |     |
|    | 平均 | 4.14   | 7.2  | 3.25   | 7.6 | 2.60   | 7.3 | 1.63   | 5.7 |     |     |
| 23 | 00 | 3.03   | 7.6  | * 2.59 | 8.4 | * 2.11 | 7.7 | * 1.35 | 5.7 | N   | 352 |
|    | 02 | * 3.30 | 8.1  | 2.57   | 8.8 | 2.06   | 8.2 | 1.33   | 6.0 | NNW | 344 |
|    | 04 | 2.76   | 8.1  | 2.11   | 8.2 | 1.69   | 7.6 | 1.07   | 5.6 | NNW | 340 |
|    | 06 | 2.47   | 9.5  | 1.99   | 8.0 | 1.62   | 7.5 | 1.01   | 5.8 | N   | 352 |
|    | 08 | 2.73   | 8.6  | 2.14   | 8.1 | 1.68   | 7.7 | 1.03   | 5.7 | NW  | 323 |
|    | 10 | 2.48   | 8.2  | 1.81   | 7.1 | 1.40   | 7.3 | 0.87   | 5.6 | NNW | 348 |
|    | 12 | 2.23   | 5.9  | 1.81   | 6.8 | 1.43   | 6.3 | 0.91   | 4.9 | NNW | 344 |
|    | 14 | 1.89   | 6.7  | 1.52   | 6.1 | 1.25   | 5.7 | 0.80   | 4.5 | WNW | 303 |
|    | 16 | 2.23   | 8.0  | 1.63   | 7.0 | 1.29   | 6.3 | 0.80   | 4.4 | NW  | 319 |
|    | 18 | 2.10   | 7.2  | 1.53   | 6.5 | 1.26   | 6.5 | 0.82   | 5.0 | NNW | 344 |
|    | 20 | 2.13   | 5.8  | 1.65   | 5.8 | 1.33   | 5.9 | 0.83   | 4.5 | NNW | 340 |
|    | 22 | 2.25   | 7.2  | 1.57   | 6.2 | 1.22   | 5.8 | 0.76   | 4.4 | NNW | 335 |
|    | 最大 | 3.30   | 8.1  | 2.59   | 8.4 | 2.11   | 7.7 | 1.35   | 5.7 |     |     |
|    | 平均 | 2.47   | 7.6  | 1.91   | 7.3 | 1.53   | 6.9 | 0.97   | 5.2 |     |     |
| 24 | 00 | 1.75   | 5.1  | 1.40   | 5.8 | 1.15   | 5.7 | 0.72   | 4.5 | NNW | 344 |
|    | 02 | 1.49   | 7.9  | 1.25   | 6.7 | 1.00   | 6.2 | 0.65   | 4.7 | NNW | 344 |

|    |    |        |      |        |      |        |     |        |     |     |     |
|----|----|--------|------|--------|------|--------|-----|--------|-----|-----|-----|
|    | 04 | 2.43   | 5.4  | 1.76   | 5.5  | 1.40   | 5.7 | 0.88   | 4.4 | NNW | 335 |
|    | 06 | 2.47   | 4.5  | 1.74   | 5.5  | 1.43   | 5.3 | 0.95   | 4.2 | NNW | 335 |
|    | 08 | 2.71   | 5.2  | 2.07   | 5.6  | 1.66   | 5.8 | 1.06   | 4.7 | NNW | 348 |
|    | 10 | 3.78   | 7.7  | 3.13   | 6.8  | 2.56   | 6.6 | 1.61   | 5.6 | NNW | 340 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 12 | 4.24   | 6.6  | * 3.34 | 6.6  | * 2.67 | 6.6 | * 1.69 | 5.5 | NNW | 335 |
|    | 14 | 3.78   | 5.1  | 3.11   | 6.4  | 2.47   | 6.5 | 1.59   | 5.2 | NNW | 331 |
|    | 16 | * 4.48 | 6.9  | 3.04   | 6.7  | 2.36   | 6.4 | 1.46   | 5.1 | NNW | 327 |
|    | 18 | 3.62   | 7.8  | 2.89   | 6.1  | 2.28   | 6.2 | 1.48   | 5.3 | NW  | 323 |
|    | 20 | 3.64   | 5.3  | 2.83   | 6.2  | 2.21   | 6.3 | 1.40   | 5.1 | NW  | 319 |
|    | 22 | 3.59   | 5.1  | 2.67   | 6.5  | 2.05   | 6.4 | 1.25   | 4.9 | NNW | 331 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 最大 | 4.48   | 6.9  | 3.34   | 6.6  | 2.67   | 6.6 | 1.69   | 5.5 |     |     |
|    | 平均 | 3.17   | 6.1  | 2.44   | 6.2  | 1.94   | 6.1 | 1.23   | 4.9 |     |     |
| 25 | 00 | 2.72   | 7.7  | * 2.41 | 6.9  | * 2.04 | 6.9 | * 1.32 | 5.5 | NNW | 331 |
|    | 02 | 2.43   | 6.7  | 2.10   | 7.1  | 1.68   | 6.7 | 1.04   | 5.1 | NW  | 323 |
|    | 04 | 2.78   | 6.3  | 2.24   | 8.1  | 1.78   | 7.7 | 1.11   | 5.8 | NW  | 319 |
|    | 06 | 2.53   | 6.3  | 1.97   | 7.9  | 1.61   | 7.9 | 1.01   | 5.8 | NW  | 319 |
|    | 08 | 2.83   | 8.3  | 2.39   | 8.6  | 1.98   | 8.5 | 1.28   | 6.8 | N   | 352 |
|    | 10 | 3.07   | 9.0  | 2.14   | 8.6  | 1.72   | 8.6 | 1.12   | 6.8 | NNW | 344 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 12 | * 3.15 | 8.1  | 2.12   | 8.4  | 1.72   | 8.6 | 1.04   | 6.9 | N   | 352 |
|    | 14 | 2.72   | 8.5  | 2.17   | 8.3  | 1.70   | 8.7 | 1.07   | 7.2 | NNW | 340 |
|    | 16 | 2.63   | 9.0  | 2.11   | 8.4  | 1.69   | 8.6 | 1.05   | 7.3 | NNW | 335 |
|    | 18 | 2.13   | 8.8  | 1.61   | 8.6  | 1.32   | 8.5 | 0.83   | 6.8 | NNW | 340 |
|    | 20 | 2.02   | 9.3  | 1.57   | 8.7  | 1.27   | 8.7 | 0.78   | 7.1 | NNW | 348 |
|    | 22 | 1.77   | 8.0  | 1.37   | 8.4  | 1.11   | 8.5 | 0.71   | 7.2 | NNW | 344 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 最大 | 3.15   | 8.1  | 2.41   | 6.9  | 2.04   | 6.9 | 1.32   | 5.5 |     |     |
|    | 平均 | 2.57   | 8.0  | 2.02   | 8.2  | 1.64   | 8.2 | 1.03   | 6.5 |     |     |
| 26 | 00 | * 1.74 | 7.3  | * 1.16 | 8.1  | * 0.93 | 8.2 | * 0.61 | 7.0 | NNW | 340 |
|    | 02 | 1.58   | 7.4  | 1.05   | 8.0  | 0.83   | 7.8 | 0.53   | 6.5 | NNW | 335 |
|    | 04 | 1.16   | 7.7  | 0.86   | 7.8  | 0.69   | 7.6 | 0.44   | 6.3 | NNW | 340 |
|    | 06 | 1.34   | 6.7  | 0.98   | 7.6  | 0.76   | 7.6 | 0.47   | 6.1 | NNW | 344 |
|    | 08 | 0.90   | 6.4  | 0.73   | 7.4  | 0.61   | 7.4 | 0.41   | 6.7 | NNW | 340 |
|    | 10 | 0.85   | 6.6  | 0.67   | 6.9  | 0.52   | 7.1 | 0.30   | 5.7 | NNW | 344 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 12 | 0.91   | 6.2  | 0.68   | 6.8  | 0.53   | 6.8 | 0.32   | 5.6 | NNW | 348 |
|    | 14 | 0.73   | 5.5  | 0.57   | 6.8  | 0.46   | 6.7 | 0.29   | 5.3 | NNW | 340 |
|    | 16 | 0.66   | 7.2  | 0.50   | 6.5  | 0.41   | 6.6 | 0.26   | 5.3 | NNW | 348 |
|    | 18 | 0.69   | 7.2  | 0.50   | 6.6  | 0.40   | 6.5 | 0.25   | 5.2 | N   | 0   |
|    | 20 | 0.81   | 5.7  | 0.56   | 6.4  | 0.45   | 6.0 | 0.29   | 5.1 | NW  | 307 |
|    | 22 | 0.93   | 5.6  | 0.76   | 5.4  | 0.62   | 5.3 | 0.39   | 4.5 | NW  | 307 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 最大 | 1.74   | 7.3  | 1.16   | 8.1  | 0.93   | 8.2 | 0.61   | 7.0 |     |     |
|    | 平均 | 1.03   | 6.6  | 0.75   | 7.0  | 0.60   | 7.0 | 0.38   | 5.8 |     |     |
| 27 | 00 | 1.16   | 5.0  | 0.83   | 5.2  | 0.65   | 5.2 | 0.42   | 4.4 | WNW | 286 |
|    | 02 | 1.69   | 4.6  | 1.30   | 4.6  | 1.06   | 4.7 | 0.69   | 4.0 | NW  | 311 |
|    | 04 | 2.15   | 4.7  | 1.80   | 4.9  | 1.46   | 4.9 | 0.94   | 4.4 | NW  | 323 |
|    | 06 | 3.02   | 5.0  | 2.06   | 5.3  | 1.66   | 5.4 | 1.06   | 4.8 | NNW | 335 |
|    | 08 | 2.19   | 5.2  | 1.81   | 5.7  | 1.44   | 5.6 | 0.92   | 4.6 | NW  | 315 |
|    | 10 | 2.26   | 5.1  | 1.64   | 5.5  | 1.35   | 5.5 | 0.88   | 4.6 | NW  | 319 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 12 | 1.97   | 5.2  | 1.51   | 5.9  | 1.20   | 5.5 | 0.78   | 4.5 | NNW | 331 |
|    | 14 | 2.27   | 6.3  | 1.76   | 5.4  | 1.41   | 5.4 | 0.92   | 4.6 | NW  | 319 |
|    | 16 | 2.45   | 5.4  | 1.97   | 6.0  | 1.58   | 5.8 | 1.01   | 4.8 | NNW | 331 |
|    | 18 | 3.67   | 7.2  | 2.64   | 6.1  | 2.12   | 6.1 | 1.38   | 5.0 | NW  | 323 |
|    | 20 | 3.71   | 5.7  | 3.09   | 6.7  | 2.53   | 6.6 | 1.61   | 5.3 | NNW | 327 |
|    | 22 | * 4.21 | 5.8  | * 3.44 | 6.3  | * 2.69 | 6.2 | * 1.72 | 5.2 | NNW | 331 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 最大 | 4.21   | 5.8  | 3.44   | 6.3  | 2.69   | 6.2 | 1.72   | 5.2 |     |     |
|    | 平均 | 2.56   | 5.4  | 1.99   | 5.6  | 1.60   | 5.6 | 1.03   | 4.7 |     |     |
| 28 | 00 | 4.33   | 6.6  | 3.69   | 7.0  | 3.00   | 7.0 | 1.88   | 5.3 | NW  | 323 |
|    | 02 | 5.97   | 8.7  | 4.29   | 6.9  | 3.37   | 6.6 | 2.11   | 5.5 | NW  | 323 |
|    | 04 | 6.49   | 8.1  | 4.59   | 7.5  | 3.69   | 7.2 | 2.29   | 5.8 | NNW | 331 |
|    | 06 | 6.19   | 6.5  | 4.41   | 8.7  | 3.59   | 8.2 | 2.25   | 6.3 | NNW | 348 |
|    | 08 | * 7.73 | 11.4 | * 5.50 | 10.0 | * 4.22 | 9.1 | 2.55   | 6.7 | NNW | 348 |
|    | 10 | 7.32   | 9.0  | 5.41   | 10.1 | 4.13   | 9.5 | 2.47   | 6.9 | NNW | 340 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 12 | 5.63   | 10.3 | 4.75   | 9.9  | 4.08   | 9.4 | * 2.56 | 6.9 | NNW | 344 |
|    | 14 | 7.04   | 11.5 | 5.12   | 10.1 | 4.04   | 9.9 | 2.46   | 6.9 | NNW | 340 |
|    | 16 | 5.90   | 10.6 | 4.63   | 9.6  | 3.74   | 8.9 | 2.33   | 6.6 | NNW | 331 |
|    | 18 | 5.63   | 10.8 | 4.62   | 10.0 | 3.63   | 9.5 | 2.29   | 7.1 | NNW | 344 |
|    | 20 | 6.35   | 8.7  | 4.46   | 9.4  | 3.60   | 9.0 | 2.32   | 6.9 | N   | 352 |
|    | 22 | 5.88   | 12.0 | 4.61   | 9.2  | 3.56   | 8.8 | 2.24   | 6.8 | NNW | 344 |
|    |    |        |      |        |      |        |     |        |     |     |     |
|    | 最大 | 7.73   | 11.4 | 5.50   | 10.0 | 4.22   | 9.1 | 2.56   | 6.9 |     |     |

|     | 平均 | 6.21   | 9.5  | 4.67   | 9.0  | 3.72   | 8.6 | 2.31   | 6.5 |     |     |
|-----|----|--------|------|--------|------|--------|-----|--------|-----|-----|-----|
| 29  | 00 | 5.24   | 9.8  | 3.93   | 8.4  | 3.03   | 7.8 | 1.89   | 5.8 | NNW | 335 |
|     | 02 | 5.45   | 10.1 | 4.25   | 8.7  | * 3.34 | 8.2 | * 2.09 | 6.4 | NNW | 348 |
|     | 04 | * 6.16 | 6.9  | * 4.34 | 8.5  | 3.33   | 8.3 | 2.06   | 6.3 | NNW | 331 |
|     | 06 | 6.04   | 8.6  | 3.89   | 8.2  | 3.15   | 8.1 | 2.00   | 6.5 | NNW | 327 |
|     | 08 | 3.94   | 8.9  | 3.16   | 9.2  | 2.60   | 8.3 | 1.62   | 6.1 | NW  | 323 |
|     | 10 | 4.15   | 9.0  | 3.10   | 8.4  | 2.49   | 7.7 | 1.58   | 5.9 | NNW | 327 |
|     | 12 | 3.39   | 9.4  | 2.76   | 9.1  | 2.31   | 8.4 | 1.50   | 6.5 | NNW | 327 |
|     | 14 | 3.09   | 7.9  | 2.56   | 8.0  | 2.08   | 8.2 | 1.32   | 6.2 | NNW | 335 |
|     | 16 | 3.29   | 9.1  | 2.60   | 8.5  | 2.12   | 8.2 | 1.34   | 6.2 | N   | 352 |
|     | 18 | 3.40   | 7.4  | 2.71   | 7.5  | 2.15   | 7.0 | 1.35   | 5.4 | NNW | 340 |
|     | 20 | 3.69   | 7.6  | 2.92   | 7.6  | 2.30   | 7.5 | 1.46   | 5.5 | NNW | 335 |
|     | 22 | 4.51   | 7.3  | 3.08   | 7.2  | 2.45   | 6.8 | 1.55   | 5.5 | NNW | 331 |
|     | 最大 | 6.16   | 6.9  | 4.34   | 8.5  | 3.34   | 8.2 | 2.09   | 6.4 |     |     |
|     | 平均 | 4.36   | 8.5  | 3.28   | 8.3  | 2.61   | 7.9 | 1.65   | 6.0 |     |     |
| 30  | 00 | 3.30   | 7.1  | 2.82   | 6.8  | 2.31   | 6.8 | 1.45   | 5.1 | NNW | 327 |
|     | 02 | 4.31   | 8.2  | 2.98   | 6.8  | 2.38   | 6.4 | 1.53   | 5.2 | NNW | 340 |
|     | 04 | 4.15   | 6.9  | 3.28   | 6.7  | 2.62   | 6.7 | 1.70   | 5.4 | W   | 278 |
|     | 06 | 4.12   | 7.9  | 3.22   | 6.6  | 2.55   | 6.3 | 1.58   | 4.9 | WNW | 295 |
|     | 08 | 3.75   | 6.1  | 3.02   | 6.6  | 2.45   | 6.8 | 1.56   | 5.5 | WNW | 286 |
|     | 10 | * 4.80 | 7.2  | 3.32   | 7.4  | 2.73   | 7.1 | 1.71   | 5.4 | NW  | 319 |
|     | 12 | 4.46   | 6.0  | 3.01   | 7.0  | 2.44   | 6.9 | 1.62   | 5.4 | NW  | 307 |
|     | 14 | 4.65   | 6.1  | 3.44   | 7.0  | 2.70   | 6.7 | 1.68   | 5.3 | W   | 274 |
|     | 16 | 4.68   | 6.4  | 3.62   | 7.4  | 2.79   | 7.1 | 1.70   | 5.4 | NW  | 323 |
|     | 18 | 4.45   | 6.3  | * 3.64 | 7.1  | * 3.05 | 6.8 | * 1.93 | 5.8 | W   | 278 |
|     | 20 | 4.35   | 6.7  | 3.56   | 7.1  | 2.92   | 6.9 | 1.82   | 5.4 | W   | 270 |
|     | 22 | 4.13   | 6.6  | 3.33   | 6.9  | 2.62   | 6.8 | 1.61   | 5.2 | W   | 278 |
|     | 最大 | 4.80   | 7.2  | 3.64   | 7.1  | 3.05   | 6.8 | 1.93   | 5.8 |     |     |
|     | 平均 | 4.26   | 6.8  | 3.27   | 7.0  | 2.63   | 6.8 | 1.66   | 5.3 |     |     |
| 31  | 00 | 4.07   | 5.8  | * 3.39 | 6.6  | * 2.81 | 6.5 | * 1.77 | 5.3 | W   | 274 |
|     | 02 | 4.22   | 5.8  | 3.31   | 6.2  | 2.64   | 6.4 | 1.72   | 5.4 |     |     |
|     | 04 | 3.43   | 6.8  | 2.88   | 6.6  | 2.30   | 6.7 | 1.44   | 5.1 | W   | 274 |
|     | 06 | 2.82   | 7.0  | 2.19   | 6.3  | 1.77   | 6.7 | 1.17   | 5.6 | W   | 274 |
|     | 08 | 3.15   | 6.5  | 2.19   | 5.9  | 1.75   | 6.2 | 1.10   | 5.3 | W   | 266 |
|     | 10 | * 4.27 | 6.7  | 3.36   | 5.9  | 2.73   | 6.2 | 1.72   | 5.1 | W   | 270 |
|     | 12 | 3.09   | 6.7  | 2.36   | 6.0  | 1.85   | 5.9 | 1.15   | 4.7 | W   | 270 |
|     | 14 | 2.35   | 6.2  | 1.93   | 5.7  | 1.56   | 5.8 | 1.00   | 4.9 | W   | 274 |
|     | 16 | 2.70   | 5.3  | 1.98   | 5.9  | 1.55   | 5.8 | 1.03   | 5.1 | W   | 274 |
|     | 18 | 2.77   | 6.0  | 1.96   | 5.9  | 1.56   | 5.8 | 1.00   | 5.2 | W   | 270 |
|     | 20 | 2.49   | 5.9  | 2.02   | 6.1  | 1.57   | 5.9 | 0.99   | 5.3 | W   | 266 |
|     | 22 | 2.52   | 6.0  | 1.82   | 6.1  | 1.47   | 6.1 | 0.96   | 5.6 | W   | 278 |
|     | 最大 | 4.27   | 6.7  | 3.39   | 6.6  | 2.81   | 6.5 | 1.77   | 5.3 |     |     |
|     | 平均 | 3.16   | 6.2  | 2.45   | 6.1  | 1.96   | 6.2 | 1.25   | 5.2 |     |     |
| 月最大 |    | 8.22   | 9.2  | 6.60   | 10.2 | 5.02   | 9.1 | 3.18   | 7.3 |     |     |
| 起時  |    | 1522   |      | 1522   |      | 1600   |     | 1600   |     |     |     |
| 平均  |    | 3.11   | 7.1  | 2.39   | 7.2  | 1.91   | 7.0 | 1.20   | 5.6 |     |     |

\* は日最大波高を示す