

\*\* 障害の発生回数と測得率 \*\*

| 障害番号 | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG   | SEP  | OCT   | NOV  | DEC   | YEAR   |
|------|------|------|------|------|------|------|------|-------|------|-------|------|-------|--------|
| 0    | 9390 | 8767 | 9645 | 9288 | 9281 | 9202 | 9465 | 10069 | 9651 | 10296 | 9480 | 10045 | 114579 |
| 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0    | 0     | 0      |
| 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0    | 0     | 0      |
| 3    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0    | 0     | 0      |
| 7    | 618  | 430  | 527  | 508  | 647  | 496  | 608  | 587   | 598  | 497   | 815  | 622   | 6953   |
| 8    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0    | 0     | 0      |
| 9    | 409  | 307  | 244  | 284  | 488  | 382  | 930  | 504   | 551  | 367   | 505  | 493   | 5464   |
| 測得率  | 96.1 | 96.8 | 97.7 | 97.2 | 95.3 | 96.2 | 91.5 | 95.5  | 94.9 | 96.7  | 95.3 | 95.6  | 95.7   |

\*\* 平均値 \*\*

| 有義波     | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | YEAR |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 波高平均値 m | 0.74 | 0.85 | 0.86 | 0.86 | 0.77 | 0.81 | 0.92 | 0.97 | 0.87 | 0.76 | 0.67 | 0.79 | 0.82 |
| 標準偏差 m  | 0.50 | 0.66 | 0.71 | 0.69 | 0.55 | 0.60 | 0.71 | 0.73 | 0.83 | 0.77 | 0.53 | 0.57 | 0.67 |
| 周期平均値 秒 | 6.7  | 7.0  | 7.0  | 7.0  | 6.8  | 6.9  | 7.2  | 7.8  | 8.0  | 8.1  | 7.1  | 6.7  | 7.2  |
| 標準偏差 秒  | 1.7  | 1.8  | 1.8  | 1.8  | 1.7  | 1.8  | 2.2  | 2.3  | 2.3  | 2.4  | 1.9  | 1.7  | 2.0  |

| 最大波     | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | YEAR |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 波高平均値 m | 1.20 | 1.37 | 1.39 | 1.39 | 1.24 | 1.31 | 1.48 | 1.56 | 1.40 | 1.22 | 1.08 | 1.28 | 1.33 |
| 周期平均値 秒 | 8.0  | 8.2  | 8.2  | 8.1  | 8.0  | 8.1  | 8.3  | 8.8  | 8.9  | 9.0  | 8.2  | 7.9  | 8.3  |

\*\* 最大値 \*\*

| 有義波    | JAN      | FEB      | MAR      | APR      | MAY      | JUN      | JUL      | AUG      | SEP      | OCT      | NOV      | DEC      | YEAR        |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|
| 波高 秒   | 8.1      | 9.0      | 9.7      | 9.7      | 8.7      | 11.8     | 12.5     | 12.9     | 12.8     | 16.2     | 9.6      | 8.8      | 16.2        |
| 周期 高 m | 5.06     | 5.31     | 6.45     | 6.28     | 5.21     | 11.59    | 7.42     | 6.18     | 10.63    | 14.65    | 6.57     | 5.50     | 14.65       |
| 年月 月時  | 18 09-01 | 16 14-10 | 14 13-21 | 12 03-21 | 15 13-01 | 12 19-23 | 11 19-19 | 19 15-05 | 11 21-15 | 17 23-04 | 11 19-22 | 15 11-07 | 17-10 23-04 |

| 最大波    | JAN      | FEB      | MAR      | APR      | MAY      | JUN      | JUL      | AUG      | SEP      | OCT      | NOV      | DEC      | YEAR        |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|
| 波高 秒   | 9.0      | 10.0     | 10.6     | 11.1     | 9.8      | 12.6     | 11.8     | 12.8     | 11.7     | 14.1     | 10.7     | 9.2      | 14.1        |
| 周期 高 m | 8.13     | 8.46     | 10.22    | 9.91     | 8.30     | 18.10    | 11.65    | 9.63     | 16.71    | 22.65    | 10.41    | 8.82     | 22.65       |
| 年月 月時  | 18 09-01 | 16 14-10 | 14 13-21 | 12 03-21 | 15 13-01 | 12 19-23 | 11 19-19 | 19 15-05 | 11 21-15 | 17 23-04 | 11 19-22 | 15 11-07 | 17-10 23-04 |

\*\* 波高の階級別出現率 \*\*

単位：%

\* 有義波 \*

| CLASS | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | YEAR |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.0 - | 32.9 | 31.4 | 32.5 | 32.5 | 35.6 | 32.4 | 27.0 | 25.7 | 34.8 | 39.0 | 42.9 | 33.4 | 33.4 |
| 0.5 - | 46.7 | 42.6 | 42.6 | 40.7 | 41.1 | 42.5 | 40.9 | 38.7 | 38.7 | 40.5 | 42.6 | 42.3 | 41.6 |
| 1.0 - | 13.7 | 14.1 | 11.8 | 13.7 | 13.6 | 14.0 | 18.0 | 18.8 | 13.8 | 11.9 | 8.7  | 14.8 | 13.9 |
| 1.5 - | 3.7  | 5.7  | 5.9  | 6.2  | 5.4  | 6.4  | 7.7  | 8.1  | 5.7  | 4.8  | 2.9  | 5.1  | 5.6  |
| 2.0 - | 1.5  | 2.9  | 3.2  | 3.4  | 2.7  | 2.4  | 3.7  | 4.2  | 2.9  | 1.7  | 1.4  | 2.0  | 2.7  |
| 2.5 - | 0.7  | 1.3  | 1.7  | 1.8  | 1.1  | 1.4  | 1.0  | 2.2  | 1.4  | 0.6  | 0.7  | 1.2  | 1.3  |
| 3.0 - | 0.4  | 1.0  | 1.0  | 0.6  | 0.3  | 0.5  | 0.5  | 1.3  | 0.7  | 0.4  | 0.3  | 0.7  | 0.6  |
| 3.5 - | 0.2  | 0.6  | 0.6  | 0.5  | 0.2  | 0.2  | 0.2  | 0.5  | 0.6  | 0.3  | 0.2  | 0.2  | 0.4  |
| 4.0 - | 0.1  | 0.3  | 0.3  | 0.3  | 0.0  | 0.1  | 0.2  | 0.2  | 0.5  | 0.1  | 0.2  | 0.1  | 0.2  |
| 4.5 - | 0.0  | 0.2  | 0.3  | 0.2  | -    | 0.0  | 0.1  | 0.2  | 0.3  | 0.2  | 0.1  | 0.0  | 0.1  |
| 5.0 - | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | -    | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  |
| 5.5 - | -    | -    | 0.0  | 0.0  | -    | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  | 0.0  | 0.0  | 0.0  |
| 6.0 - | -    | -    | 0.0  | 0.0  | -    | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | -    | 0.0  |
| 6.5 - | -    | -    | -    | -    | -    | -    | 0.0  | -    | 0.1  | 0.0  | 0.0  | -    | 0.0  |
| 7.0 - | -    | -    | -    | -    | -    | 0.0  | 0.1  | -    | 0.1  | 0.0  | -    | -    | 0.0  |
| 7.5 - | -    | -    | -    | -    | -    | -    | -    | -    | 0.0  | 0.0  | -    | -    | 0.0  |
| 8.0 - | -    | -    | -    | -    | -    | -    | -    | -    | 0.1  | 0.0  | -    | -    | 0.0  |
| 8.5 - | -    | -    | -    | -    | -    | -    | -    | -    | 0.0  | 0.0  | -    | -    | 0.0  |
| 9.0 - | -    | -    | -    | -    | -    | -    | -    | -    | 0.0  | 0.0  | -    | -    | 0.0  |
| 9.5 - | -    | -    | -    | -    | -    | 0.0  | -    | -    | 0.0  | 0.1  | -    | -    | 0.0  |

\* 最大波 \*

| CLASS  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | YEAR |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.0 -  | 47.0 | 44.4 | 46.1 | 45.7 | 48.9 | 46.5 | 38.8 | 37.2 | 47.5 | 54.9 | 58.4 | 45.8 | 46.8 |
| 1.0 -  | 41.1 | 38.2 | 36.3 | 35.4 | 35.8 | 36.3 | 39.8 | 38.4 | 34.7 | 31.9 | 32.4 | 39.2 | 36.6 |
| 2.0 -  | 8.4  | 10.2 | 9.0  | 10.9 | 9.9  | 11.2 | 13.6 | 14.3 | 10.0 | 8.9  | 5.7  | 9.9  | 10.2 |
| 3.0 -  | 2.0  | 3.8  | 4.5  | 4.5  | 3.8  | 3.7  | 5.2  | 5.9  | 3.7  | 2.4  | 1.9  | 2.9  | 3.7  |
| 4.0 -  | 0.9  | 1.5  | 2.1  | 2.1  | 1.2  | 1.5  | 1.2  | 2.6  | 1.6  | 0.7  | 0.8  | 1.5  | 1.5  |
| 5.0 -  | 0.4  | 1.1  | 1.0  | 0.7  | 0.3  | 0.5  | 0.4  | 1.0  | 0.8  | 0.4  | 0.3  | 0.6  | 0.6  |
| 6.0 -  | 0.2  | 0.5  | 0.5  | 0.5  | 0.1  | 0.1  | 0.3  | 0.3  | 0.7  | 0.2  | 0.2  | 0.2  | 0.3  |
| 7.0 -  | 0.0  | 0.2  | 0.4  | 0.2  | -    | 0.1  | 0.3  | 0.3  | 0.4  | 0.2  | 0.1  | 0.1  | 0.2  |
| 8.0 -  | 0.0  | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  |
| 9.0 -  | -    | -    | 0.0  | 0.0  | -    | -    | 0.1  | 0.0  | 0.1  | 0.1  | 0.0  | -    | 0.0  |
| 10.0 - | -    | -    | 0.0  | -    | -    | 0.0  | 0.1  | -    | 0.1  | 0.0  | 0.0  | -    | 0.0  |
| 11.0 - | -    | -    | -    | -    | -    | 0.0  | 0.0  | -    | 0.1  | 0.1  | -    | -    | 0.0  |
| 12.0 - | -    | -    | -    | -    | -    | -    | -    | -    | 0.1  | 0.0  | -    | -    | 0.0  |
| 13.0 - | -    | -    | -    | -    | -    | -    | -    | -    | 0.0  | 0.0  | -    | -    | 0.0  |
| 14.0 - | -    | -    | -    | -    | -    | -    | -    | -    | 0.0  | 0.0  | -    | -    | 0.0  |
| 15.0 - | -    | -    | -    | -    | -    | -    | -    | -    | 0.0  | 0.0  | -    | -    | 0.0  |
| 16.0 - | -    | -    | -    | -    | -    | -    | -    | -    | 0.0  | 0.0  | -    | -    | 0.0  |
| 17.0 - | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0.0  | -    | -    | 0.0  |
| 18.0 - | -    | -    | -    | -    | -    | 0.0  | -    | -    | -    | 0.0  | -    | -    | 0.0  |
| 19.0 - | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0.0  | -    | -    | 0.0  |

\*\* 高波出現順位 \*\*

基準波高= 3.0m

| 順位 | 有義波高(m) | 周期(秒) | 障害番号 | 最大値観測時刻<br>年 月 日 時 | 高波継続時間<br>日 時間 | 高波継続開始時刻<br>年 月 日 時 | 高波継続終了時刻<br>年 月 日 時 | 備考    |
|----|---------|-------|------|--------------------|----------------|---------------------|---------------------|-------|
| 1  | 14.65   | 16.2  |      | 17/10/23 04        | 1              | 17/10/22 14         | 17/10/23 14         | T1721 |
| 2  | 13.24   | 14.1  |      | 19/10/12 18        | 1              | 19/10/11 12         | 19/10/13 02         | T1919 |
| 3  | 12.77   | 14.9  |      | 14/10/06 10        |                | 13 14/10/06 06      | 14/10/06 18         | T1418 |
| 4  | 11.71   | 14.7  |      | 18/10/01 02        |                | 19 18/09/30 19      | 18/10/01 13         | T1824 |
| 5  | 11.59   | 11.8  |      | 12/06/19 23        |                | 16 12/06/19 20      | 12/06/20 11         | T1204 |
| 6  | 10.63   | 12.8  |      | 11/09/21 15        | 1              | 4 11/09/20 21       | 11/09/21 24         | T1115 |
| 7  | 9.91    | 10.4  |      | 12/09/30 21        |                | 10 12/09/30 18      | 12/10/01 03         | T1217 |
| 8  | 9.81    | 14.4  |      | 13/09/16 10        |                | 22 13/09/15 21      | 13/09/16 18         | T1318 |
| 9  | 8.63    | 16.2  |      | 13/10/16 07        |                | 13 13/10/16 03      | 13/10/16 15         | T1326 |
| 10 | 8.04    | 14.0  |      | 18/09/04 21        |                | 19 18/09/04 13      | 18/09/05 07         | T1821 |
| 11 | 7.42    | 12.5  |      | 11/07/19 19        | 2              | 12 11/07/18 12      | 11/07/20 23         | T1106 |
| 12 | 6.57    | 9.6   |      | 11/11/19 22        |                | 17 11/11/19 14      | 11/11/20 06         | L     |
| 13 | 6.57    | 11.9  |      | 11/09/02 21        | 2              | 14 11/09/01 13      | 11/09/04 02         | T1112 |
| 14 | 6.45    | 9.7   |      | 14/03/13 21        | 1              | 4 14/03/13 10       | 14/03/14 13         | L     |
| 15 | 6.42    | 12.4  |      | 15/07/16 24        | 1              | 20 15/07/15 17      | 15/07/17 12         | T1511 |
| 16 | 6.28    | 9.7   |      | 12/04/03 21        |                | 16 12/04/03 17      | 12/04/04 08         | L     |
| 17 | 6.18    | 12.9  |      | 19/08/15 05        | 1              | 11 19/08/15 01      | 19/08/16 11         | T1910 |
| 18 | 5.94    | 9.5   |      | 22/08/13 09        |                | 19 22/08/13 01      | 22/08/13 19         | T2208 |
| 19 | 5.84    | 9.7   |      | 12/03/24 02        |                | 12 12/03/23 23      | 12/03/24 10         | L     |
| 20 | 5.82    | 9.7   |      | 17/09/18 07        |                | 9 17/09/18 02       | 17/09/18 10         | T1718 |

\*\* 高波継続出現回数 \*\*

単位：回/通

| 基準波高<br>m以上 | -3<br>時間 | -6<br>時間 | -12<br>時間 | -18<br>時間 | -24<br>時間 | -36<br>時間 | -48<br>時間 | -3<br>日 | -4<br>日 | -6<br>日 | -10<br>日 | 10<br>日超過 | 合計   | 平均継続時間<br>最長継続時間<br>日 時間 | 最長継続開始時刻<br>年 月 日 時 |
|-------------|----------|----------|-----------|-----------|-----------|-----------|-----------|---------|---------|---------|----------|-----------|------|--------------------------|---------------------|
| 6.0         | 9        | 5        | 7         | -         | -         | -         | -         | -       | -       | -       | -        | -         | 21   | 5<br>11                  | 11/09/21 09         |
| 4.0         | 79       | 21       | 15        | 8         | 1         | 4         | 1         | -       | -       | -       | -        | -         | 129  | 5<br>22                  | 11/07/18 22         |
| 3.0         | 236      | 49       | 50        | 18        | 9         | 6         | 3         | 2       | -       | -       | -        | -         | 373  | 5<br>14                  | 11/09/01 13         |
| 2.5         | 369      | 82       | 77        | 40        | 17        | 14        | 3         | 4       | 1       | -       | -        | -         | 607  | 6<br>14                  | 11/08/31 23         |
| 2.0         | 706      | 126      | 100       | 69        | 44        | 34        | 9         | 7       | 3       | 1       | -        | -         | 1099 | 6<br>1                   | 11/08/31 12         |
| 1.5         | 1475     | 239      | 159       | 86        | 68        | 95        | 28        | 15      | 5       | 5       | 2        | -         | 2177 | 6<br>0                   | 15/07/11 14         |

\*\* 低波高継続出現回数 \*\*

単位：回/通

| 基準波高<br>m未満 | -3<br>時間 | -6<br>時間 | -12<br>時間 | -18<br>時間 | -24<br>時間 | -36<br>時間 | -48<br>時間 | -3<br>日 | -4<br>日 | -6<br>日 | -10<br>日 | 10<br>日超過 | 合計    | 平均継続時間<br>最長継続時間<br>日 時間 | 最長継続開始時刻<br>年 月 日 時 |
|-------------|----------|----------|-----------|-----------|-----------|-----------|-----------|---------|---------|---------|----------|-----------|-------|--------------------------|---------------------|
| 0.5         | 8557     | 1781     | 1160      | 352       | 144       | 71        | 10        | -       | -       | -       | -        | -         | 12075 | 4<br>0                   | 15/12/31 04         |
| 1.0         | 2667     | 531      | 441       | 250       | 199       | 236       | 200       | 234     | 134     | 139     | 72       | 23        | 5126  | 19<br>11                 | 14/08/23 18         |
| 1.5         | 1051     | 169      | 161       | 58        | 53        | 66        | 72        | 119     | 71      | 114     | 127      | 135       | 2196  | 2<br>3                   | 20/10/10 19         |
| 2.0         | 504      | 83       | 50        | 17        | 10        | 19        | 17        | 49      | 29      | 71      | 84       | 190       | 1123  | 4<br>58                  | 18/12/05 03         |
| 2.5         | 253      | 28       | 20        | 13        | 6         | 8         | 9         | 20      | 17      | 28      | 45       | 184       | 631   | 8<br>122                 | 18/10/01 22         |
| 3.0         | 137      | 16       | 17        | 7         | 2         | 2         | 4         | 11      | 10      | 17      | 25       | 149       | 397   | 13<br>146                | 10/07/09 24         |

\*\*\* 波浪観測累年表 \*\*\* 2010 - 2024 年 石廊崎 (47656)

\*\* 波高・周期の階級別出現率 \*\* 単位：%

\* 有義波 \*

| 波高\周期 | 0.0- | 1.0- | 2.0- | 3.0- | 4.0-  | 5.0-  | 6.0-  | 7.0-  | 8.0-  | 9.0-  | 10.0- | 11.0- | 12.0- | 13.0- | 14.0- | 15.0- | 16.0- | 17.0- | 18.0- | 19.0-  | 合計     | 未超過    |
|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0.0-  | -    | -    | 0.00 | 0.86 | 4.10  | 5.44  | 6.02  | 5.39  | 4.23  | 1.96  | 0.81  | 0.62  | 0.32  | 0.03  | 0.03  | 0.00  | 0.01  | 0.00  | -     | 3.52   | 33.36  | 33.36  |
| 0.5-  | -    | -    | 0.00 | 0.47 | 4.60  | 8.40  | 9.06  | 7.24  | 4.46  | 2.32  | 1.40  | 0.94  | 0.50  | 0.07  | 0.11  | 0.01  | 0.01  | -     | -     | 2.06   | 41.63  | 74.99  |
| 1.0-  | -    | -    | -    | 0.01 | 0.51  | 2.30  | 3.45  | 3.13  | 1.55  | 0.99  | 0.77  | 0.62  | 0.33  | 0.06  | 0.07  | 0.00  | 0.00  | -     | -     | 0.12   | 13.92  | 88.91  |
| 1.5-  | -    | -    | -    | -    | 0.04  | 0.55  | 1.16  | 1.51  | 0.80  | 0.39  | 0.39  | 0.40  | 0.25  | 0.05  | 0.07  | 0.00  | 0.00  | -     | -     | 0.02   | 5.65   | 94.55  |
| 2.0-  | -    | -    | -    | -    | 0.00  | 0.13  | 0.42  | 0.64  | 0.56  | 0.22  | 0.17  | 0.23  | 0.18  | 0.05  | 0.05  | 0.00  | 0.00  | -     | -     | 0.01   | 2.66   | 97.21  |
| 2.5-  | -    | -    | -    | -    | -     | 0.01  | 0.19  | 0.32  | 0.27  | 0.17  | 0.08  | 0.07  | 0.07  | 0.03  | 0.05  | 0.00  | 0.00  | -     | -     | 0.00   | 1.25   | 98.46  |
| 3.0-  | -    | -    | -    | -    | -     | 0.00  | 0.06  | 0.17  | 0.13  | 0.13  | 0.05  | 0.03  | 0.04  | 0.01  | 0.03  | 0.00  | -     | -     | -     | -      | 0.64   | 99.10  |
| 3.5-  | -    | -    | -    | -    | -     | -     | 0.01  | 0.09  | 0.07  | 0.08  | 0.04  | 0.02  | 0.02  | 0.01  | 0.02  | 0.00  | 0.00  | -     | -     | 0.00   | 0.36   | 99.47  |
| 4.0-  | -    | -    | -    | -    | -     | -     | 0.00  | 0.04  | 0.04  | 0.04  | 0.02  | 0.02  | 0.02  | 0.01  | 0.01  | -     | -     | -     | -     | -      | 0.19   | 99.66  |
| 4.5-  | -    | -    | -    | -    | -     | -     | -     | 0.01  | 0.03  | 0.03  | 0.02  | 0.02  | 0.01  | 0.00  | 0.01  | 0.00  | -     | -     | -     | -      | 0.14   | 99.80  |
| 5.0-  | -    | -    | -    | -    | -     | -     | -     | 0.00  | 0.01  | 0.01  | 0.01  | 0.01  | 0.01  | 0.00  | 0.01  | -     | 0.00  | -     | -     | -      | 0.08   | 99.88  |
| 5.5-  | -    | -    | -    | -    | -     | -     | -     | -     | 0.00  | 0.01  | 0.01  | 0.01  | 0.01  | 0.00  | 0.00  | 0.00  | -     | -     | -     | -      | 0.04   | 99.92  |
| 6.0-  | -    | -    | -    | -    | -     | -     | -     | -     | -     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -     | -     | -     | -     | -      | 0.02   | 99.94  |
| 6.5-  | -    | -    | -    | -    | -     | -     | -     | -     | -     | 0.00  | -     | 0.00  | -     | 0.00  | 0.00  | -     | 0.00  | -     | -     | -      | 0.01   | 99.95  |
| 7.0-  | -    | -    | -    | -    | -     | -     | -     | -     | -     | 0.00  | -     | 0.00  | 0.00  | 0.00  | 0.00  | -     | 0.00  | -     | -     | -      | 0.02   | 99.97  |
| 7.5-  | -    | -    | -    | -    | -     | -     | -     | -     | -     | -     | -     | 0.00  | 0.00  | 0.00  | 0.00  | -     | 0.00  | -     | -     | -      | 0.01   | 99.97  |
| 8.0-  | -    | -    | -    | -    | -     | -     | -     | -     | -     | -     | 0.00  | -     | 0.00  | 0.00  | 0.00  | -     | -     | -     | -     | -      | 0.01   | 99.98  |
| 8.5-  | -    | -    | -    | -    | -     | -     | -     | -     | -     | -     | -     | 0.00  | -     | 0.00  | 0.00  | -     | 0.00  | -     | -     | -      | 0.00   | 99.98  |
| 9.0-  | -    | -    | -    | -    | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0.00  | -     | -     | -     | -     | -     | -      | 0.00   | 99.98  |
| 9.5-  | -    | -    | -    | -    | -     | -     | -     | -     | -     | -     | 0.00  | 0.00  | 0.00  | -     | 0.01  | 0.00  | 0.00  | -     | -     | -      | 0.02   | 100.00 |
| 合計    | -    | -    | 0.01 | 1.34 | 9.25  | 16.83 | 20.38 | 18.54 | 12.16 | 6.35  | 3.77  | 2.99  | 1.76  | 0.34  | 0.49  | 0.04  | 0.03  | 0.00  | -     | 5.72   | 100.00 |        |
| 未超過   | -    | -    | 0.01 | 1.35 | 10.60 | 27.43 | 47.81 | 66.34 | 78.50 | 84.85 | 88.62 | 91.61 | 93.37 | 93.71 | 94.20 | 94.24 | 94.27 | 94.28 | 94.28 | 100.00 |        |        |

\* 最大波 \*

| 波高\周期 | 0.0- | 1.0- | 2.0- | 3.0- | 4.0- | 5.0- | 6.0-  | 7.0-  | 8.0-  | 9.0-  | 10.0- | 11.0- | 12.0- | 13.0- | 14.0- | 15.0- | 16.0- | 17.0- | 18.0- | 19.0-  | 合計     | 未超過    |
|-------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0.0-  | -    | -    | -    | -    | 0.11 | 1.79 | 7.12  | 12.67 | 11.50 | 5.83  | 2.15  | 0.73  | 0.26  | 0.09  | 0.04  | 0.01  | 0.00  | 0.00  | -     | 4.49   | 46.81  | 46.81  |
| 1.0-  | -    | -    | -    | -    | 0.01 | 0.52 | 4.49  | 13.47 | 9.03  | 4.13  | 1.98  | 1.06  | 0.48  | 0.19  | 0.05  | 0.01  | 0.00  | -     | -     | 1.17   | 36.59  | 83.40  |
| 2.0-  | -    | -    | -    | -    | -    | 0.00 | 0.14  | 2.37  | 3.69  | 1.69  | 0.72  | 0.59  | 0.50  | 0.29  | 0.10  | 0.04  | 0.00  | -     | -     | 0.05   | 10.17  | 93.56  |
| 3.0-  | -    | -    | -    | -    | -    | -    | 0.00  | 0.42  | 1.16  | 0.98  | 0.33  | 0.19  | 0.24  | 0.21  | 0.06  | 0.04  | 0.02  | 0.01  | -     | 0.01   | 3.68   | 97.24  |
| 4.0-  | -    | -    | -    | -    | -    | -    | 0.00  | 0.04  | 0.45  | 0.47  | 0.21  | 0.08  | 0.08  | 0.06  | 0.03  | 0.02  | 0.02  | 0.00  | 0.00  | 0.00   | 1.46   | 98.70  |
| 5.0-  | -    | -    | -    | -    | -    | -    | -     | 0.00  | 0.17  | 0.19  | 0.13  | 0.04  | 0.02  | 0.02  | 0.01  | 0.02  | 0.01  | 0.00  | -     | 0.00   | 0.61   | 99.32  |
| 6.0-  | -    | -    | -    | -    | -    | -    | -     | -     | 0.04  | 0.11  | 0.09  | 0.04  | 0.02  | 0.01  | 0.00  | 0.00  | 0.01  | 0.00  | -     | -      | 0.32   | 99.63  |
| 7.0-  | -    | -    | -    | -    | -    | -    | -     | -     | 0.00  | 0.06  | 0.06  | 0.04  | 0.02  | 0.01  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -      | 0.19   | 99.82  |
| 8.0-  | -    | -    | -    | -    | -    | -    | -     | -     | -     | 0.01  | 0.02  | 0.02  | 0.02  | 0.00  | 0.00  | -     | 0.00  | 0.00  | 0.00  | -      | 0.08   | 99.90  |
| 9.0-  | -    | -    | -    | -    | -    | -    | -     | -     | -     | 0.00  | 0.01  | 0.02  | 0.00  | 0.00  | 0.00  | -     | 0.00  | -     | -     | -      | 0.03   | 99.94  |
| 10.0- | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | 0.00  | 0.01  | 0.00  | 0.00  | 0.00  | -     | -     | -     | -     | -      | 0.02   | 99.95  |
| 11.0- | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     | 0.01  | 0.00  | 0.00  | 0.00  | -     | 0.00  | 0.00  | -     | -      | 0.02   | 99.97  |
| 12.0- | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     | -     | 0.00  | 0.00  | 0.00  | -     | -     | -     | -     | -      | 0.01   | 99.98  |
| 13.0- | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     | 0.00  | 0.00  | 0.00  | 0.00  | -     | -     | 0.00  | -     | -      | 0.01   | 99.98  |
| 14.0- | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     | -     | 0.00  | 0.00  | -     | -     | -     | -     | -     | -      | 0.00   | 99.99  |
| 15.0- | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     | 0.00  | 0.00  | 0.00  | -     | -     | -     | -     | -     | -      | 0.00   | 99.99  |
| 16.0- | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     | 0.00  | 0.00  | -     | -     | -     | -     | -     | -     | -      | 0.00   | 99.99  |
| 17.0- | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     | -     | -     | 0.00  | 0.00  | -     | -     | -     | -     | -      | 0.00   | 99.99  |
| 18.0- | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     | -     | 0.00  | 0.00  | 0.00  | -     | -     | -     | -     | -      | 0.00   | 100.00 |
| 19.0- | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     | -     | -     | 0.00  | 0.00  | -     | -     | -     | -     | -      | 0.00   | 100.00 |
| 合計    | -    | -    | -    | -    | 0.12 | 2.32 | 11.75 | 28.97 | 26.03 | 13.49 | 5.69  | 2.82  | 1.64  | 0.90  | 0.32  | 0.13  | 0.07  | 0.02  | 0.00  | 5.72   | 100.00 |        |
| 未超過   | -    | -    | -    | -    | 0.12 | 2.44 | 14.19 | 43.16 | 69.19 | 82.68 | 88.38 | 91.20 | 92.84 | 93.74 | 94.06 | 94.19 | 94.26 | 94.28 | 94.28 | 100.00 |        |        |