

波浪整理表（1）

2021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  | 369 回 |
| 欠測回数  | 0 回   | 欠測回数  | 3 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 0.8 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |    |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度 |
| 01 | 00 | 0.48   | 5.2   | 0.84   | 8.4  | 1.09   | 9.3   | 1.54   | 10.4 | NNE  | 12 |
|    | 02 | 0.43   | 5.3   | 0.71   | 8.2  | 0.87   | 9.1   | 1.14   | 9.5  | NNE  | 12 |
|    | 04 | 0.38   | 5.9   | 0.68   | 9.1  | 0.88   | 9.6   | 1.15   | 9.9  | NNE  | 16 |
|    | 06 | 0.45   | 6.2   | 0.75   | 9.0  | 0.94   | 9.1   | 1.07   | 9.8  | NNE  | 25 |
|    | 08 | 0.52   | 5.1   | 0.86   | 7.4  | 1.08   | 8.1   | 1.30   | 9.3  | NNE  | 16 |
|    | 10 | 0.57   | 6.2   | 0.91   | 8.1  | 1.13   | 8.5   | 1.43   | 8.7  | N    | 4  |
|    | 12 | 0.66   | 6.3   | 1.12   | 8.7  | 1.47   | 9.2   | 2.00   | 8.6  | NNE  | 12 |
|    | 14 | 0.66   | 7.0   | 1.07   | 8.8  | 1.37   | 8.8   | 1.79   | 8.7  | N    | 8  |
|    | 16 | 0.71   | 7.0   | 1.19   | 8.6  | 1.53   | 8.5   | 2.04   | 8.7  | NNE  | 20 |
|    | 18 | * 0.77 | 8.1   | * 1.22 | 9.0  | * 1.57 | 9.2   | * 2.10 | 9.5  | N    | 4  |
|    | 20 | 0.76   | 8.2   | 1.16   | 8.8  | 1.41   | 9.1   | 1.71   | 9.0  | NNE  | 12 |
|    | 22 | 0.51   | 7.3   | 0.80   | 8.5  | 0.94   | 8.9   | 1.19   | 8.7  | NNE  | 16 |
|    | 最大 | 0.77   | 8.1   | 1.22   | 9.0  | 1.57   | 9.2   | 2.10   | 9.5  |      |    |
|    | 平均 | 0.57   | 6.5   | 0.94   | 8.5  | 1.19   | 9.0   | 1.54   | 9.2  |      |    |
| 02 | 00 | 0.50   | 6.8   | 0.83   | 8.6  | 1.01   | 8.8   | 1.37   | 8.8  | NNE  | 12 |
|    | 02 | 0.47   | 7.4   | 0.76   | 9.4  | 0.96   | 9.3   | 1.51   | 8.3  | NNE  | 20 |
|    | 04 | 0.58   | 7.1   | 0.98   | 8.9  | 1.29   | 8.6   | 1.76   | 9.7  | N    | 8  |
|    | 06 | 0.71   | 7.6   | 1.09   | 9.0  | 1.37   | 9.0   | 1.80   | 8.9  | N    | 4  |
|    | 08 | 0.57   | 7.3   | 0.89   | 9.1  | 1.13   | 8.7   | 1.39   | 7.6  | NNE  | 12 |
|    | 10 | 0.66   | 7.1   | 1.02   | 8.3  | 1.26   | 8.6   | 1.44   | 9.0  | N    | 0  |
|    | 12 | 0.59   | 7.2   | 0.95   | 8.4  | 1.25   | 8.2   | 1.61   | 7.6  | N    | 0  |
|    | 14 | 0.62   | 6.7   | 0.90   | 7.9  | 1.13   | 7.8   | 1.28   | 8.2  | NNE  | 16 |
|    | 16 | 0.83   | 4.9   | 1.34   | 6.4  | 1.71   | 6.7   | 2.05   | 8.6  | NNE  | 12 |
|    | 18 | 0.91   | 4.6   | 1.41   | 5.7  | 1.80   | 5.8   | 2.35   | 4.8  | NNE  | 29 |
|    | 20 | 1.01   | 5.1   | 1.60   | 6.6  | 1.93   | 6.9   | 2.37   | 5.9  | N    | 8  |
|    | 22 | * 1.11 | 5.8   | * 1.69 | 7.0  | * 2.10 | 7.2   | * 2.59 | 8.6  | NNE  | 20 |
|    | 最大 | 1.11   | 5.8   | 1.69   | 7.0  | 2.10   | 7.2   | 2.59   | 8.6  |      |    |
|    | 平均 | 0.71   | 6.5   | 1.12   | 7.9  | 1.41   | 8.0   | 1.79   | 8.0  |      |    |
| 03 | 00 | * 0.88 | 5.7   | * 1.39 | 7.3  | * 1.75 | 7.9   | 2.16   | 7.1  | N    | 8  |
|    | 02 | 0.70   | 5.3   | 1.12   | 6.8  | 1.44   | 6.9   | * 2.47 | 8.5  | NNE  | 12 |
|    | 04 | 0.65   | 5.2   | 1.02   | 6.4  | 1.20   | 6.6   | 1.41   | 7.8  | NNE  | 16 |
|    | 06 | 0.56   | 5.0   | 0.84   | 6.2  | 1.00   | 6.6   | 1.20   | 6.9  | NNE  | 12 |
|    | 08 | 0.50   | 4.7   | 0.76   | 6.0  | 0.94   | 6.2   | 1.18   | 6.3  | N    | 4  |
|    | 10 | 0.45   | 4.7   | 0.69   | 5.8  | 0.87   | 5.7   | 1.02   | 5.4  | NNE  | 12 |
|    | 12 | 0.46   | 4.8   | 0.73   | 6.1  | 0.95   | 6.4   | 1.49   | 6.7  | NNE  | 16 |
|    | 14 | 0.56   | 4.7   | 0.84   | 5.7  | 1.00   | 5.9   | 1.21   | 5.8  | NNE  | 25 |
|    | 16 | 0.50   | 4.8   | 0.75   | 6.2  | 0.95   | 6.9   | 1.18   | 4.6  | NNE  | 16 |
|    | 18 | 0.43   | 5.1   | 0.70   | 6.7  | 0.88   | 7.1   | 1.24   | 8.8  | NNE  | 16 |
|    | 20 | 0.42   | 5.6   | 0.67   | 7.4  | 0.84   | 7.3   | 1.01   | 5.9  | NNE  | 12 |
|    | 22 | 0.34   | 6.8   | 0.54   | 7.8  | 0.67   | 7.6   | 0.82   | 7.9  | NNE  | 20 |
|    | 最大 | 0.88   | 5.7   | 1.39   | 7.3  | 1.75   | 7.9   | 2.47   | 8.5  |      |    |
|    | 平均 | 0.54   | 5.2   | 0.84   | 6.5  | 1.04   | 6.8   | 1.37   | 6.8  |      |    |
| 04 | 00 | 0.28   | 6.6   | 0.47   | 8.2  | 0.63   | 8.1   | 0.81   | 8.0  | N    | 4  |
|    | 02 | 0.28   | 6.5   | 0.48   | 8.0  | 0.64   | 8.0   | 0.81   | 8.9  | NNE  | 20 |
|    | 04 | 0.30   | 6.5   | 0.50   | 8.0  | 0.65   | 8.1   | 0.98   | 7.6  | NNE  | 20 |
|    | 06 | 0.28   | 5.5   | 0.48   | 7.7  | 0.63   | 7.8   | 0.91   | 7.9  | N    | 4  |
|    | 08 | 0.29   | 6.2   | 0.46   | 7.8  | 0.56   | 7.5   | 0.74   | 6.8  | NNE  | 16 |
|    | 10 | 0.38   | 6.8   | 0.60   | 7.9  | 0.78   | 8.0   | 1.17   | 8.3  | N    | 4  |
|    | 12 | 0.39   | 6.5   | 0.59   | 7.5  | 0.75   | 7.4   | 1.09   | 6.8  | NNE  | 12 |
|    | 14 | * 0.59 | 7.0   | * 0.92 | 8.1  | * 1.11 | 7.9   | 1.28   | 8.0  | N    | 4  |
|    | 16 | 0.48   | 6.2   | 0.80   | 7.9  | 1.04   | 7.8   | * 1.51 | 8.0  | N    | 0  |
|    | 18 | 0.47   | 6.8   | 0.73   | 7.7  | 0.92   | 7.7   | 1.27   | 6.8  | NNE  | 12 |
|    | 20 | 0.42   | 5.8   | 0.73   | 7.7  | 0.92   | 7.6   | 1.29   | 7.7  | N    | 8  |
|    | 22 | 0.39   | 6.3   | 0.62   | 7.3  | 0.75   | 7.5   | 0.92   | 7.3  | NNE  | 12 |
|    | 最大 | 0.59   | 7.0   | 0.92   | 8.1  | 1.11   | 7.9   | 1.51   | 8.0  |      |    |
|    | 平均 | 0.38   | 6.4   | 0.61   | 7.8  | 0.78   | 7.8   | 1.06   | 7.7  |      |    |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 1月

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|-------|-------|-------|-------|
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機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 05 | 00 | 0.28         | 6.1          | 0.45        | 7.4         | 0.57         | 7.5          | 0.77        | 8.1         | NNE  | 16  |
|    | 02 | 0.27         | 5.8          | 0.47        | 7.6         | 0.58         | 7.5          | 0.81        | 7.7         | NNE  | 20  |
|    | 04 | 0.30         | 6.2          | 0.50        | 7.6         | 0.60         | 7.7          | 0.75        | 7.4         | NNE  | 12  |
|    | 06 | * 0.49       | 7.2          | * 0.77      | 7.5         | * 0.94       | 7.7          | 1.12        | 7.6         | NNE  | 12  |
|    | 08 | 0.42         | 6.3          | 0.67        | 7.4         | 0.89         | 7.3          | * 1.20      | 6.4         | N    | 8   |
|    | 10 | 0.38         | 6.4          | 0.63        | 7.5         | 0.79         | 7.5          | 1.06        | 7.3         | NNE  | 20  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.32         | 6.4          | 0.50        | 7.6         | 0.62         | 7.5          | 0.78        | 6.9         | NNE  | 33  |
|    | 14 | 0.26         | 4.2          | 0.42        | 6.5         | 0.56         | 7.1          | 0.89        | 7.2         | NNE  | 25  |
|    | 16 | 0.21         | 5.0          | 0.36        | 7.9         | 0.49         | 8.2          | 0.62        | 9.1         | NNE  | 12  |
|    | 18 | 0.18         | 5.6          | 0.30        | 7.8         | 0.36         | 7.9          | 0.45        | 8.8         | NNE  | 20  |
|    | 20 | 0.22         | 6.4          | 0.34        | 7.7         | 0.43         | 7.7          | 0.60        | 7.2         | NNE  | 33  |
|    | 22 | 0.41         | 3.3          | 0.62        | 4.0         | 0.78         | 4.2          | 1.18        | 4.0         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.49         | 7.2          | 0.77        | 7.5         | 0.94         | 7.7          | 1.20        | 6.4         |      |     |
|    | 平均 | 0.31         | 5.7          | 0.50        | 7.2         | 0.63         | 7.3          | 0.85        | 7.3         |      |     |
| 06 | 00 | 0.31         | 4.0          | 0.48        | 5.6         | 0.60         | 6.1          | 0.79        | 6.8         | NNE  | 16  |
|    | 02 | 0.36         | 5.4          | 0.57        | 6.8         | 0.73         | 6.5          | 1.03        | 6.6         | NNE  | 16  |
|    | 04 | 0.96         | 6.5          | 1.61        | 7.9         | 2.18         | 8.2          | 2.89        | 8.4         | NNE  | 12  |
|    | 06 | * 1.09       | 5.7          | * 1.73      | 7.3         | * 2.22       | 7.5          | * 3.15      | 7.0         | NNE  | 16  |
|    | 08 | 0.96         | 5.6          | 1.48        | 7.1         | 1.84         | 6.8          | 2.11        | 6.4         | NNE  | 16  |
|    | 10 | 0.84         | 5.3          | 1.34        | 6.5         | 1.65         | 6.5          | 1.90        | 7.3         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.73         | 4.9          | 1.16        | 6.1         | 1.49         | 6.2          | 2.12        | 5.7         | NNE  | 20  |
|    | 14 | 0.57         | 5.2          | 0.87        | 6.3         | 1.06         | 6.3          | 1.32        | 6.4         | NNE  | 20  |
|    | 16 | 0.53         | 5.1          | 0.85        | 5.9         | 1.08         | 5.6          | 1.31        | 6.3         | NNE  | 33  |
|    | 18 | 0.48         | 4.9          | 0.74        | 5.6         | 0.93         | 5.8          | 1.29        | 4.8         | NNE  | 20  |
|    | 20 | 0.31         | 3.9          | 0.51        | 5.6         | 0.63         | 5.8          | 0.89        | 5.7         | NNE  | 25  |
|    | 22 | 0.21         | 2.5          | 0.31        | 3.0         | 0.39         | 3.1          | 0.60        | 3.8         | NW   | 324 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 1.09         | 5.7          | 1.73        | 7.3         | 2.22         | 7.5          | 3.15        | 7.0         |      |     |
|    | 平均 | 0.61         | 4.9          | 0.97        | 6.1         | 1.23         | 6.2          | 1.62        | 6.3         |      |     |
| 07 | 00 | 0.19         | 2.3          | 0.29        | 2.4         | 0.38         | 2.2          | 0.58        | 1.9         | NNE  | 21  |
|    | 02 | 0.23         | 2.5          | 0.36        | 2.6         | 0.46         | 2.5          | 0.71        | 2.5         | NW   | 324 |
|    | 04 | 0.25         | 2.6          | 0.38        | 2.7         | 0.49         | 2.7          | 0.70        | 3.2         | NE   | 38  |
|    | 06 | 0.19         | 2.7          | 0.30        | 3.1         | 0.37         | 3.4          | 0.54        | 2.5         | NE   | 49  |
|    | 08 | 0.16         | 3.3          | 0.25        | 4.7         | 0.31         | 6.0          | 0.42        | 8.1         | NE   | 45  |
|    | 10 | 0.20         | 2.6          | 0.30        | 3.0         | 0.38         | 3.2          | 0.63        | 5.9         | N    | 5   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.37         | 2.8          | 0.57        | 2.9         | 0.73         | 2.8          | 1.03        | 2.6         | N    | 10  |
|    | 14 | * 0.79       | 3.6          | * 1.20      | 4.1         | * 1.43       | 4.0          | * 1.84      | 4.0         | NW   | 315 |
|    | 16 | 0.52         | 3.3          | 0.79        | 4.1         | 0.96         | 4.1          | 1.39        | 4.3         | NW   | 307 |
|    | 18 | 0.38         | 3.6          | 0.58        | 5.0         | 0.73         | 6.5          | 0.95        | 4.6         | N    | 352 |
|    | 20 | 0.66         | 3.8          | 1.01        | 4.6         | 1.25         | 4.8          | 1.53        | 3.5         | NNW  | 348 |
|    | 22 | 0.66         | 4.7          | 1.03        | 6.5         | 1.29         | 7.0          | 1.71        | 8.6         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.79         | 3.6          | 1.20        | 4.1         | 1.43         | 4.0          | 1.84        | 4.0         |      |     |
|    | 平均 | 0.38         | 3.2          | 0.59        | 3.8         | 0.73         | 4.1          | 1.00        | 4.3         |      |     |
| 08 | 00 | 0.92         | 6.2          | 1.44        | 8.0         | 1.76         | 8.6          | 2.78        | 8.6         | NNE  | 16  |
|    | 02 | 1.16         | 7.9          | 1.89        | 10.7        | 2.42         | 11.0         | 2.91        | 9.9         | N    | 356 |
|    | 04 | 1.18         | 8.4          | 1.92        | 11.3        | 2.41         | 11.5         | 3.26        | 11.5        | N    | 352 |
|    | 06 | * 1.52       | 9.5          | * 2.44      | 11.4        | * 3.11       | 11.4         | * 4.15      | 11.5        | N    | 4   |
|    | 08 | 1.23         | 8.6          | 1.90        | 10.7        | 2.27         | 11.0         | 2.83        | 12.5        | NNE  | 25  |
|    | 10 | 1.09         | 7.6          | 1.80        | 10.2        | 2.35         | 10.5         | 2.94        | 9.6         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 1.12         | 8.0          | 1.79        | 9.9         | 2.34         | 9.8          | 2.82        | 9.9         | NNE  | 12  |
|    | 14 | 1.12         | 8.2          | 1.77        | 9.6         | 2.25         | 9.9          | 2.72        | 9.1         | NNE  | 12  |
|    | 16 | 1.24         | 8.0          | 2.02        | 9.6         | 2.44         | 9.7          | 3.17        | 9.1         | NNW  | 344 |
|    | 18 | 1.03         | 7.8          | 1.70        | 9.3         | 2.07         | 9.4          | 2.37        | 10.2        | N    | 8   |
|    | 20 | 0.87         | 7.2          | 1.37        | 9.1         | 1.67         | 9.8          | 1.98        | 10.3        | NNW  | 348 |
|    | 22 | 0.64         | 7.3          | 0.98        | 9.0         | 1.21         | 9.6          | 1.52        | 10.9        | N    | 8   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 1.52         | 9.5          | 2.44        | 11.4        | 3.11         | 11.4         | 4.15        | 11.5        |      |     |
|    | 平均 | 1.09         | 7.9          | 1.75        | 9.9         | 2.19         | 10.2         | 2.79        | 10.3        |      |     |

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2021年 1月

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機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 09  | 00 | 0.53         | 6.1          | 0.93        | 8.9         | 1.21         | 9.1          | 1.77        | 9.1         | NNE  | 20  |
|     | 02 | 0.54         | 6.0          | 0.93        | 8.7         | 1.22         | 9.4          | 1.48        | 8.5         | N    | 4   |
|     | 04 | 0.55         | 6.8          | 0.92        | 8.9         | 1.15         | 9.3          | 1.49        | 9.8         | N    | 4   |
|     | 06 | 0.47         | 6.3          | 0.81        | 9.0         | 1.05         | 9.0          | 1.46        | 9.5         | NNE  | 25  |
|     | 08 | 0.43         | 5.6          | 0.73        | 8.7         | 0.93         | 9.2          | 1.24        | 9.6         | NNE  | 20  |
|     | 10 | 0.51         | 7.6          | 0.82        | 10.0        | 1.02         | 10.1         | 1.39        | 10.5        | N    | 4   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.58         | 7.4          | 0.99        | 10.0        | 1.25         | 10.8         | 1.91        | 10.6        | NNE  | 12  |
|     | 14 | 0.68         | 7.8          | 1.10        | 10.4        | 1.38         | 10.4         | 1.68        | 9.2         | N    | 4   |
|     | 16 | 0.90         | 8.9          | 1.43        | 10.9        | 1.74         | 10.9         | 2.15        | 10.1        | NNE  | 20  |
|     | 18 | 0.89         | 8.4          | 1.41        | 10.4        | 1.80         | 10.9         | 2.21        | 10.2        | NNE  | 12  |
|     | 20 | * 0.93       | 8.7          | * 1.49      | 10.7        | * 1.85       | 10.5         | * 2.87      | 11.1        | N    | 4   |
|     | 22 | 0.59         | 7.1          | 1.02        | 9.8         | 1.39         | 10.0         | 1.71        | 9.6         | N    | 8   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.93         | 8.7          | 1.49        | 10.7        | 1.85         | 10.5         | 2.87        | 11.1        |      |     |
|     | 平均 | 0.63         | 7.2          | 1.05        | 9.7         | 1.33         | 10.0         | 1.78        | 9.8         |      |     |
| 10  | 00 | 0.55         | 7.0          | 0.90        | 8.9         | 1.07         | 8.9          | 1.51        | 9.4         | NNE  | 12  |
|     | 02 | 0.62         | 7.3          | 0.97        | 8.8         | 1.23         | 9.4          | 1.50        | 9.2         | N    | 4   |
|     | 04 | 0.62         | 6.1          | 0.97        | 8.0         | 1.23         | 8.6          | * 2.07      | 7.2         | N    | 356 |
|     | 06 | 0.66         | 5.7          | 1.05        | 7.4         | 1.25         | 7.9          | 1.73        | 7.7         | N    | 0   |
|     | 08 | 0.62         | 5.4          | 0.99        | 7.4         | 1.26         | 8.2          | 1.76        | 8.8         | N    | 352 |
|     | 10 | 0.65         | 6.4          | 1.05        | 8.3         | 1.33         | 8.5          | 1.67        | 7.6         | NNE  | 12  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.65         | 6.3          | 1.09        | 8.6         | 1.39         | 8.8          | 1.83        | 9.3         | N    | 8   |
|     | 14 | * 0.78       | 7.5          | * 1.28      | 8.7         | * 1.58       | 8.9          | 1.95        | 8.7         | NNE  | 16  |
|     | 16 | 0.61         | 7.1          | 0.97        | 8.5         | 1.23         | 8.0          | 1.46        | 7.7         | NNE  | 25  |
|     | 18 | 0.57         | 6.7          | 0.92        | 7.9         | 1.15         | 7.9          | 1.43        | 8.2         | NNE  | 25  |
|     | 20 | 0.52         | 6.7          | 0.79        | 7.7         | 1.01         | 7.4          | 1.29        | 6.9         | NNE  | 29  |
|     | 22 | 0.40         | 6.4          | 0.62        | 7.5         | 0.75         | 7.7          | 0.85        | 7.4         | NNE  | 33  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.78         | 7.5          | 1.28        | 8.7         | 1.58         | 8.9          | 2.07        | 7.2         |      |     |
|     | 平均 | 0.60         | 6.6          | 0.97        | 8.1         | 1.21         | 8.4          | 1.59        | 8.2         |      |     |
| 11  | 00 | 0.35         | 6.2          | 0.54        | 7.5         | 0.66         | 7.5          | 0.86        | 7.5         | NNE  | 16  |
|     | 02 | 0.36         | 6.1          | 0.58        | 7.5         | 0.75         | 7.2          | 1.05        | 6.8         | NNE  | 29  |
|     | 04 | 0.35         | 6.0          | 0.55        | 7.7         | 0.70         | 7.5          | 0.94        | 6.7         | NNE  | 25  |
|     | 06 | 0.49         | 4.7          | 0.78        | 6.5         | 1.02         | 6.9          | 1.58        | 6.3         | NNE  | 20  |
|     | 08 | * 0.79       | 4.6          | * 1.24      | 5.7         | * 1.59       | 5.9          | * 2.12      | 6.1         | N    | 4   |
|     | 10 | 0.64         | 4.9          | 1.00        | 6.2         | 1.26         | 6.0          | 1.86        | 5.7         | NNE  | 16  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.59         | 5.2          | 0.89        | 6.3         | 1.06         | 6.0          | 1.29        | 5.1         | N    | 8   |
|     | 14 | 0.53         | 5.3          | 0.84        | 6.5         | 1.07         | 6.7          | 1.76        | 6.8         | NNE  | 29  |
|     | 16 | 0.48         | 5.2          | 0.76        | 6.4         | 0.97         | 6.2          | 1.39        | 5.8         | NNE  | 25  |
|     | 18 | 0.53         | 4.4          | 0.84        | 5.8         | 1.01         | 6.2          | 1.28        | 6.5         | NNE  | 29  |
|     | 20 | 0.50         | 4.9          | 0.75        | 6.1         | 0.94         | 6.6          | 1.14        | 7.7         | NNE  | 16  |
|     | 22 | 0.43         | 5.1          | 0.70        | 6.3         | 0.86         | 6.6          | 1.28        | 6.0         | N    | 4   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.79         | 4.6          | 1.24        | 5.7         | 1.59         | 5.9          | 2.12        | 6.1         |      |     |
|     | 平均 | 0.50         | 5.2          | 0.79        | 6.5         | 0.99         | 6.6          | 1.38        | 6.4         |      |     |
| 12  | 00 | * 0.40       | 4.9          | * 0.62      | 6.2         | * 0.78       | 6.4          | 0.93        | 6.8         | NNE  | 12  |
|     | 02 | 0.35         | 5.1          | 0.55        | 6.5         | 0.68         | 6.8          | 0.92        | 6.9         | NNE  | 25  |
|     | 04 | 0.33         | 5.1          | 0.54        | 6.6         | 0.68         | 6.7          | 0.97        | 5.7         | NNE  | 33  |
|     | 06 | 0.32         | 5.3          | 0.50        | 6.5         | 0.62         | 6.9          | 0.76        | 5.9         | NNE  | 33  |
|     | 08 | 0.30         | 5.5          | 0.46        | 6.6         | 0.58         | 6.4          | * 0.97      | 6.4         | NNE  | 20  |
|     | 10 | 0.28         | 5.7          | 0.42        | 6.8         | 0.51         | 6.7          | 0.64        | 6.2         | NNE  | 25  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.23         | 4.6          | 0.37        | 6.7         | 0.45         | 7.0          | 0.56        | 7.3         | N    | 4   |
|     | 14 | 0.15         | 3.7          | 0.24        | 5.4         | 0.30         | 6.3          | 0.41        | 5.5         | NE   | 41  |
|     | 16 | 0.19         | 3.1          | 0.29        | 4.0         | 0.37         | 4.4          | 0.45        | 8.0         | ENE  | 65  |
|     | 18 | 0.13         | 3.2          | 0.19        | 4.9         | 0.25         | 5.6          | 0.37        | 7.0         | NNE  | 33  |
|     | 20 | 0.09         | 3.8          | 0.14        | 6.1         | 0.19         | 6.8          | 0.28        | 7.5         | N    | 352 |
|     | 22 | 0.08         | 3.3          | 0.13        | 5.3         | 0.17         | 7.0          | 0.29        | 7.8         | NW   | 311 |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.40         | 4.9          | 0.62        | 6.2         | 0.78         | 6.4          | 0.97        | 6.4         |      |     |
|     | 平均 | 0.24         | 4.4          | 0.37        | 6.0         | 0.47         | 6.4          | 0.63        | 6.7         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 369 回 |
| 欠測回数  | 0 回   | 欠測回数  | 3 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 0.8 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 13 | 00 | 0.08         | 3.5          | 0.12        | 5.5         | 0.15         | 7.0          | 0.22        | 7.1         | NNE  | 12  |
|    | 02 | 0.10         | 2.6          | 0.15        | 3.6         | 0.19         | 3.8          | 0.25        | 5.6         | NE   | 37  |
|    | 04 | 0.09         | 2.9          | 0.13        | 3.9         | 0.17         | 4.7          | 0.24        | 2.2         | NNE  | 20  |
|    | 06 | 0.10         | 3.1          | 0.16        | 4.3         | 0.20         | 5.6          | 0.30        | 6.8         | N    | 356 |
|    | 08 | 0.10         | 3.8          | 0.16        | 5.9         | 0.21         | 7.4          | 0.28        | 7.4         | NNW  | 344 |
|    | 10 | 0.10         | 4.1          | 0.16        | 6.8         | 0.20         | 7.5          | 0.24        | 7.6         | N    | 352 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.09         | 4.9          | 0.15        | 7.3         | 0.19         | 7.5          | 0.26        | 7.5         | NNE  | 25  |
|    | 14 | 0.11         | 5.4          | * 0.19      | 7.8         | 0.23         | 8.1          | 0.29        | 8.2         | NNW  | 340 |
|    | 16 | 0.09         | 3.9          | 0.14        | 6.1         | 0.18         | 7.2          | 0.33        | 7.4         | NNE  | 12  |
|    | 18 | 0.10         | 4.2          | 0.17        | 6.5         | 0.21         | 7.2          | 0.25        | 7.7         | NE   | 37  |
|    | 20 | 0.09         | 4.3          | 0.14        | 6.9         | 0.17         | 7.8          | 0.21        | 9.7         | NW   | 319 |
|    | 22 | * 0.13       | 2.7          | 0.19        | 3.5         | * 0.25       | 3.7          | * 0.34      | 2.3         | NE   | 37  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.13         | 2.7          | 0.19        | 7.8         | 0.25         | 3.7          | 0.34        | 2.3         |      |     |
|    | 平均 | 0.10         | 3.8          | 0.16        | 5.7         | 0.20         | 6.5          | 0.27        | 6.6         |      |     |
| 14 | 00 | 0.16         | 3.4          | 0.25        | 5.2         | 0.31         | 7.1          | 0.42        | 10.0        | N    | 0   |
|    | 02 | 0.16         | 2.7          | 0.25        | 3.3         | 0.32         | 3.2          | 0.43        | 4.3         | NNE  | 16  |
|    | 04 | 0.12         | 2.6          | 0.18        | 3.6         | 0.24         | 4.5          | 0.38        | 8.7         | NNE  | 25  |
|    | 06 | 0.10         | 3.0          | 0.15        | 4.1         | 0.19         | 4.7          | 0.24        | 1.9         | NNE  | 25  |
|    | 08 | 0.10         | 2.9          | 0.15        | 4.1         | 0.18         | 4.3          | 0.26        | 3.4         | NE   | 45  |
|    | 10 | 0.08         | 3.7          | 0.12        | 6.1         | 0.16         | 8.1          | 0.21        | 9.7         | ENE  | 65  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.11         | 4.7          | 0.18        | 7.3         | 0.23         | 8.0          | 0.30        | 7.7         | ENE  | 70  |
|    | 14 | 0.18         | 6.4          | 0.27        | 7.9         | 0.33         | 7.4          | 0.44        | 6.8         | NE   | 45  |
|    | 16 | 0.26         | 4.8          | 0.43        | 6.7         | 0.54         | 7.3          | 0.69        | 5.8         | NNE  | 12  |
|    | 18 | 0.42         | 3.7          | 0.65        | 5.0         | 0.79         | 4.9          | 1.00        | 4.9         | NNE  | 16  |
|    | 20 | 0.47         | 3.7          | 0.73        | 4.7         | 0.91         | 4.8          | * 1.21      | 4.8         | NNE  | 20  |
|    | 22 | * 0.53       | 3.7          | * 0.83      | 4.7         | * 1.01       | 4.9          | 1.21        | 4.3         | NNE  | 20  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.53         | 3.7          | 0.83        | 4.7         | 1.01         | 4.9          | 1.21        | 4.8         |      |     |
|    | 平均 | 0.22         | 3.8          | 0.35        | 5.2         | 0.43         | 5.8          | 0.57        | 6.0         |      |     |
| 15 | 00 | 0.51         | 4.0          | 0.79        | 5.0         | 0.99         | 5.2          | * 1.77      | 6.9         | N    | 0   |
|    | 02 | 0.46         | 4.3          | 0.71        | 5.4         | 0.89         | 5.6          | 1.24        | 5.5         | NNE  | 29  |
|    | 04 | * 0.53       | 5.3          | * 0.86      | 7.0         | * 1.09       | 7.8          | 1.47        | 7.6         | N    | 8   |
|    | 06 | 0.49         | 5.7          | 0.79        | 7.3         | 0.99         | 7.5          | 1.16        | 7.3         | NNE  | 12  |
|    | 08 | 0.44         | 6.0          | 0.70        | 7.7         | 0.88         | 7.6          | 1.21        | 6.6         | NNE  | 16  |
|    | 10 | 0.38         | 5.9          | 0.60        | 7.7         | 0.72         | 7.9          | 0.89        | 7.4         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.37         | 5.2          | 0.57        | 6.7         | 0.70         | 7.3          | 0.89        | 7.1         | NNE  | 12  |
|    | 14 | 0.38         | 4.9          | 0.58        | 6.2         | 0.71         | 6.7          | 0.96        | 8.3         | N    | 0   |
|    | 16 | 0.34         | 4.6          | 0.54        | 6.4         | 0.69         | 7.0          | 0.90        | 7.5         | NNE  | 12  |
|    | 18 | 0.32         | 5.6          | 0.47        | 7.3         | 0.57         | 6.9          | 0.69        | 8.8         | NNE  | 12  |
|    | 20 | 0.29         | 5.3          | 0.48        | 7.2         | 0.61         | 7.4          | 0.78        | 7.9         | NNE  | 29  |
|    | 22 | 0.30         | 3.7          | 0.48        | 5.6         | 0.63         | 6.8          | 1.00        | 7.1         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.53         | 5.3          | 0.86        | 7.0         | 1.09         | 7.8          | 1.77        | 6.9         |      |     |
|    | 平均 | 0.40         | 5.0          | 0.63        | 6.6         | 0.79         | 7.0          | 1.08        | 7.3         |      |     |
| 16 | 00 | 0.28         | 3.7          | 0.45        | 5.7         | 0.57         | 7.3          | 0.80        | 8.1         | NNE  | 25  |
|    | 02 | 0.21         | 3.0          | 0.33        | 4.2         | 0.43         | 4.6          | 0.64        | 7.7         | NNE  | 25  |
|    | 04 | 0.23         | 3.0          | 0.36        | 4.0         | 0.45         | 5.5          | 0.60        | 5.3         | N    | 8   |
|    | 06 | 0.17         | 2.7          | 0.27        | 3.7         | 0.35         | 4.8          | 0.64        | 8.0         | NNE  | 33  |
|    | 08 | 0.13         | 3.1          | 0.19        | 4.4         | 0.25         | 5.2          | 0.36        | 7.9         | N    | 0   |
|    | 10 | 0.11         | 3.6          | 0.16        | 5.6         | 0.20         | 6.9          | 0.30        | 7.7         | N    | 0   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | * 0.55       | 3.3          | * 0.87      | 3.6         | * 1.09       | 3.6          | * 1.46      | 3.2         | N    | 0   |
|    | 14 | 0.47         | 3.2          | 0.74        | 3.5         | 0.94         | 3.5          | 1.31        | 3.8         | NW   | 323 |
|    | 16 | 0.40         | 3.6          | 0.61        | 4.1         | 0.76         | 4.2          | 1.17        | 3.8         | NE   | 49  |
|    | 18 | 0.48         | 3.5          | 0.75        | 4.1         | 0.94         | 4.1          | 1.30        | 3.7         | N    | 356 |
|    | 20 | 0.45         | 3.8          | 0.70        | 4.6         | 0.85         | 4.5          | 1.05        | 3.4         | NE   | 37  |
|    | 22 | 0.38         | 4.1          | 0.60        | 5.4         | 0.75         | 5.7          | 0.98        | 6.0         | NNE  | 25  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.55         | 3.3          | 0.87        | 3.6         | 1.09         | 3.6          | 1.46        | 3.2         |      |     |
|    | 平均 | 0.32         | 3.4          | 0.50        | 4.4         | 0.63         | 5.0          | 0.88        | 5.7         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 369 回 |
| 欠測回数  | 0 回   | 欠測回数  | 3 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 0.8 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46′ -40 経度：E 137° -12′ -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 17 | 00 | 0.41         | 4.3          | 0.62        | 5.6         | 0.76         | 5.6          | 1.06        | 5.1         | NNE  | 16  |
|    | 02 | 0.46         | 5.0          | 0.72        | 6.3         | 0.90         | 6.8          | 1.18        | 7.7         | NNE  | 20  |
|    | 04 | 0.44         | 5.3          | 0.68        | 7.2         | 0.84         | 7.7          | 1.08        | 9.2         | NNE  | 25  |
|    | 06 | 0.55         | 5.9          | 0.92        | 8.7         | 1.20         | 10.1         | 1.48        | 11.0        | NNE  | 25  |
|    | 08 | 0.78         | 7.1          | 1.30        | 9.8         | 1.59         | 10.2         | 1.82        | 10.2        | NNE  | 20  |
|    | 10 | 0.82         | 6.9          | 1.41        | 9.8         | 1.79         | 10.0         | * 2.54      | 9.6         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | * 0.96       | 7.5          | * 1.68      | 10.1        | * 2.12       | 10.4         | 2.47        | 9.8         | NNE  | 16  |
|    | 14 | 0.82         | 6.7          | 1.38        | 9.6         | 1.77         | 9.8          | 2.20        | 9.4         | N    | 8   |
|    | 16 | 0.76         | 5.6          | 1.25        | 8.5         | 1.56         | 8.9          | 2.07        | 8.1         | N    | 8   |
|    | 18 | 0.69         | 4.7          | 1.13        | 6.8         | 1.40         | 7.7          | 1.81        | 7.8         | NNE  | 29  |
|    | 20 | 0.81         | 4.9          | 1.26        | 6.2         | 1.51         | 6.5          | 1.93        | 7.9         | NNE  | 16  |
|    | 22 | 0.67         | 5.1          | 1.05        | 7.2         | 1.26         | 7.0          | 1.61        | 7.4         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.96         | 7.5          | 1.68        | 10.1        | 2.12         | 10.4         | 2.54        | 9.6         |      |     |
|    | 平均 | 0.68         | 5.8          | 1.12        | 8.0         | 1.39         | 8.4          | 1.77        | 8.6         |      |     |
| 18 | 00 | * 0.55       | 4.8          | * 0.87      | 6.5         | * 1.09       | 7.2          | 1.33        | 7.7         | NNE  | 25  |
|    | 02 | 0.53         | 5.5          | 0.84        | 7.4         | 1.05         | 7.4          | 1.37        | 6.2         | NNE  | 29  |
|    | 04 | 0.54         | 6.5          | 0.86        | 8.0         | 1.06         | 8.2          | 1.29        | 8.0         | NNE  | 20  |
|    | 06 | 0.52         | 6.9          | 0.83        | 8.6         | 1.03         | 8.2          | 1.34        | 7.6         | N    | 8   |
|    | 08 | 0.52         | 7.7          | 0.83        | 8.6         | 1.06         | 8.8          | * 1.37      | 8.6         | NNE  | 20  |
|    | 10 | 0.35         | 6.8          | 0.59        | 8.4         | 0.74         | 8.3          | 0.98        | 8.8         | NNE  | 25  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.28         | 5.4          | 0.48        | 8.2         | 0.65         | 8.4          | 0.93        | 8.4         | NE   | 41  |
|    | 14 | 0.19         | 4.3          | 0.31        | 7.2         | 0.41         | 8.2          | 0.60        | 8.5         | NNE  | 20  |
|    | 16 | 0.17         | 4.9          | 0.28        | 8.2         | 0.35         | 8.4          | 0.44        | 7.5         | N    | 356 |
|    | 18 | 0.16         | 3.9          | 0.26        | 6.3         | 0.35         | 7.7          | 0.51        | 8.5         | NNE  | 29  |
|    | 20 | 0.13         | 4.6          | 0.22        | 7.4         | 0.29         | 7.7          | 0.40        | 8.5         | NNE  | 12  |
|    | 22 | 0.15         | 2.8          | 0.22        | 3.9         | 0.28         | 4.8          | 0.38        | 1.7         | NNE  | 20  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.55         | 4.8          | 0.87        | 6.5         | 1.09         | 7.2          | 1.37        | 8.6         |      |     |
|    | 平均 | 0.34         | 5.3          | 0.55        | 7.4         | 0.70         | 7.8          | 0.91        | 7.5         |      |     |
| 19 | 00 | 0.32         | 3.0          | 0.52        | 3.4         | 0.72         | 3.6          | 1.10        | 3.8         | NE   | 45  |
|    | 02 | 0.51         | 3.3          | 0.79        | 3.9         | 1.03         | 3.8          | 1.43        | 3.5         | NW   | 319 |
|    | 04 | * 0.71       | 3.7          | * 1.08      | 4.0         | * 1.31       | 4.0          | * 1.73      | 4.3         | NNW  | 335 |
|    | 06 | 0.60         | 3.8          | 0.92        | 4.7         | 1.15         | 4.8          | 1.67        | 4.1         | NNE  | 25  |
|    | 08 | 0.50         | 4.4          | 0.77        | 5.6         | 0.95         | 5.9          | 1.25        | 3.9         | N    | 8   |
|    | 10 | 0.55         | 3.7          | 0.83        | 4.6         | 1.03         | 4.6          | 1.44        | 3.0         | NNE  | 25  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.54         | 3.8          | 0.84        | 5.0         | 1.02         | 5.4          | 1.31        | 8.2         | NNE  | 16  |
|    | 14 | 0.51         | 4.2          | 0.78        | 5.7         | 0.96         | 6.5          | 1.39        | 8.3         | N    | 4   |
|    | 16 | 0.54         | 4.7          | 0.83        | 6.6         | 1.04         | 7.0          | 1.26        | 7.3         | NNE  | 16  |
|    | 18 | 0.50         | 4.7          | 0.80        | 6.7         | 0.98         | 7.2          | 1.13        | 10.1        | NNE  | 25  |
|    | 20 | 0.51         | 4.9          | 0.78        | 6.4         | 0.94         | 7.4          | 1.21        | 6.3         | NNE  | 12  |
|    | 22 | 0.51         | 5.4          | 0.79        | 7.7         | 0.98         | 8.3          | 1.34        | 10.5        | N    | 356 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.71         | 3.7          | 1.08        | 4.0         | 1.31         | 4.0          | 1.73        | 4.3         |      |     |
|    | 平均 | 0.53         | 4.1          | 0.81        | 5.4         | 1.01         | 5.7          | 1.36        | 6.1         |      |     |
| 20 | 00 | 0.53         | 6.0          | 0.83        | 8.2         | 1.06         | 8.7          | 1.35        | 10.4        | NNE  | 12  |
|    | 02 | 0.60         | 7.2          | 1.00        | 10.0        | 1.24         | 10.7         | 1.39        | 11.2        | N    | 8   |
|    | 04 | * 0.84       | 8.9          | * 1.27      | 10.3        | 1.48         | 10.2         | 1.74        | 9.9         | N    | 8   |
|    | 06 | 0.77         | 8.1          | 1.24        | 9.7         | * 1.51       | 9.9          | 1.86        | 9.5         | N    | 4   |
|    | 08 | 0.79         | 8.5          | 1.18        | 9.7         | 1.51         | 9.9          | 1.87        | 10.2        | NNE  | 29  |
|    | 10 | 0.60         | 7.8          | 0.95        | 9.6         | 1.18         | 9.4          | 1.34        | 9.6         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.60         | 7.4          | 0.95        | 9.3         | 1.17         | 9.3          | 1.57        | 8.8         | NNE  | 12  |
|    | 14 | 0.64         | 7.5          | 1.02        | 9.1         | 1.28         | 9.1          | 1.52        | 9.0         | NNE  | 12  |
|    | 16 | 0.63         | 6.9          | 1.11        | 9.5         | 1.46         | 9.6          | * 1.94      | 9.0         | NNE  | 16  |
|    | 18 | 0.62         | 7.1          | 1.05        | 9.0         | 1.35         | 9.6          | 1.68        | 8.6         | NNE  | 16  |
|    | 20 | 0.59         | 7.1          | 1.02        | 9.1         | 1.30         | 9.1          | 1.65        | 8.5         | NNE  | 12  |
|    | 22 | 0.53         | 7.5          | 0.85        | 9.3         | 1.05         | 9.3          | 1.23        | 8.8         | NNE  | 25  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.84         | 8.9          | 1.27        | 10.3        | 1.51         | 9.9          | 1.94        | 9.0         |      |     |
|    | 平均 | 0.64         | 7.5          | 1.04        | 9.4         | 1.30         | 9.6          | 1.60        | 9.5         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 369 回 |
| 欠測回数  | 0 回   | 欠測回数  | 3 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 0.8 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 21  | 00 | * 0.57       | 8.0          | 0.83        | 8.8         | 0.96         | 8.6          | 1.16        | 8.7         | N    | 8   |
|     | 02 | 0.51         | 7.5          | 0.76        | 8.7         | 0.94         | 8.5          | 1.17        | 9.2         | NNE  | 16  |
|     | 04 | 0.50         | 7.2          | * 0.85      | 8.8         | * 1.09       | 8.7          | * 1.32      | 9.2         | NNE  | 29  |
|     | 06 | 0.48         | 7.5          | 0.76        | 8.4         | 0.99         | 8.5          | 1.17        | 8.3         | NNE  | 25  |
|     | 08 | 0.44         | 7.1          | 0.69        | 8.3         | 0.84         | 8.2          | 1.02        | 8.2         | NNE  | 25  |
|     | 10 | 0.46         | 7.4          | 0.72        | 8.1         | 0.92         | 8.0          | 1.19        | 7.7         | NNE  | 29  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.29         | 6.1          | 0.47        | 7.8         | 0.59         | 7.9          | 0.72        | 8.0         | NNE  | 16  |
|     | 14 | 0.25         | 5.7          | 0.42        | 7.7         | 0.54         | 8.0          | 0.61        | 7.8         | NNE  | 33  |
|     | 16 | 0.21         | 6.1          | 0.35        | 8.0         | 0.44         | 8.0          | 0.51        | 7.1         | NNE  | 20  |
|     | 18 | 0.17         | 5.8          | 0.27        | 7.8         | 0.35         | 7.7          | 0.40        | 9.0         | NNE  | 12  |
|     | 20 | 0.12         | 4.7          | 0.20        | 7.2         | 0.25         | 7.5          | 0.34        | 7.2         | NNE  | 12  |
|     | 22 | 0.11         | 5.3          | 0.17        | 7.6         | 0.21         | 7.7          | 0.26        | 7.9         | NE   | 41  |
|     | 最大 | 0.57         | 8.0          | 0.85        | 8.8         | 1.09         | 8.7          | 1.32        | 9.2         |      |     |
|     | 平均 | 0.34         | 6.5          | 0.54        | 8.1         | 0.68         | 8.1          | 0.82        | 8.2         |      |     |
| 22  | 00 | 0.09         | 4.9          | 0.15        | 7.5         | 0.19         | 8.1          | 0.27        | 7.5         | NNE  | 29  |
|     | 02 | 0.10         | 3.0          | 0.16        | 4.6         | 0.21         | 5.6          | 0.28        | 6.3         | NNE  | 29  |
|     | 04 | 0.13         | 2.4          | 0.19        | 2.8         | 0.25         | 2.8          | 0.35        | 1.4         | NNW  | 342 |
|     | 06 | 0.10         | 2.6          | 0.16        | 3.5         | 0.20         | 4.0          | 0.32        | 4.1         | N    | 0   |
|     | 08 | 0.09         | 2.6          | 0.14        | 3.6         | 0.18         | 4.5          | 0.29        | 2.8         | NNW  | 327 |
|     | 10 | 0.08         | 2.8          | 0.13        | 3.9         | 0.16         | 4.5          | 0.23        | 5.1         | NE   | 41  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.10         | 3.6          | 0.15        | 4.7         | 0.19         | 4.7          | 0.29        | 4.3         | NNE  | 29  |
|     | 14 | 0.08         | 4.7          | 0.12        | 6.2         | 0.15         | 6.5          | 0.19        | 6.8         | N    | 8   |
|     | 16 | 0.09         | 4.1          | 0.14        | 6.0         | 0.18         | 6.1          | 0.25        | 5.3         | N    | 4   |
|     | 18 | 0.12         | 4.7          | 0.17        | 5.9         | 0.21         | 5.9          | 0.30        | 5.6         | NE   | 37  |
|     | 20 | 0.16         | 3.9          | 0.26        | 4.9         | 0.34         | 5.2          | 0.47        | 5.1         | NNE  | 33  |
|     | 22 | * 0.55       | 3.9          | * 0.84      | 4.3         | * 1.04       | 4.2          | * 1.37      | 3.2         | NNE  | 12  |
|     | 最大 | 0.55         | 3.9          | 0.84        | 4.3         | 1.04         | 4.2          | 1.37        | 3.2         |      |     |
|     | 平均 | 0.14         | 3.6          | 0.22        | 4.8         | 0.27         | 5.2          | 0.38        | 4.8         |      |     |
| 23  | 00 | 0.41         | 3.7          | 0.63        | 4.2         | 0.79         | 4.3          | 1.02        | 4.3         | NE   | 41  |
|     | 02 | 0.33         | 3.7          | 0.51        | 4.4         | 0.64         | 4.5          | 0.92        | 4.6         | NNE  | 16  |
|     | 04 | 0.47         | 3.6          | 0.73        | 4.0         | 0.90         | 4.1          | 1.49        | 4.5         | NNE  | 12  |
|     | 06 | 0.62         | 4.1          | 0.95        | 4.7         | 1.15         | 4.7          | 1.59        | 4.5         | NNE  | 25  |
|     | 08 | 0.93         | 4.3          | 1.44        | 5.0         | 1.85         | 4.9          | 2.37        | 5.2         | NNE  | 20  |
|     | 10 | 0.92         | 4.2          | * 1.50      | 5.3         | * 1.86       | 5.2          | 2.67        | 5.2         | NNE  | 12  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.89         | 4.3          | 1.42        | 5.1         | 1.85         | 5.2          | * 2.85      | 5.6         | NNE  | 33  |
|     | 14 | 0.77         | 4.1          | 1.23        | 4.9         | 1.59         | 5.3          | 2.18        | 4.9         | NE   | 41  |
|     | 16 | 0.83         | 4.3          | 1.31        | 5.0         | 1.63         | 4.9          | 2.24        | 5.6         | NNE  | 20  |
|     | 18 | 0.90         | 4.5          | 1.39        | 5.2         | 1.76         | 5.2          | 2.36        | 5.1         | NNE  | 33  |
|     | 20 | * 0.99       | 4.7          | 1.47        | 5.7         | 1.78         | 5.7          | 2.25        | 5.1         | NNE  | 25  |
|     | 22 | 0.76         | 4.5          | 1.20        | 5.5         | 1.54         | 5.7          | 2.19        | 5.4         | NNE  | 25  |
|     | 最大 | 0.99         | 4.7          | 1.50        | 5.3         | 1.86         | 5.2          | 2.85        | 5.6         |      |     |
|     | 平均 | 0.73         | 4.2          | 1.15        | 4.9         | 1.45         | 5.0          | 2.01        | 5.0         |      |     |
| 24  | 00 | * 0.65       | 4.8          | * 1.03      | 5.8         | * 1.23       | 6.0          | 1.57        | 4.9         | NNE  | 20  |
|     | 02 | 0.60         | 4.4          | 0.96        | 5.5         | 1.20         | 5.6          | 1.50        | 5.6         | NNE  | 12  |
|     | 04 | 0.50         | 4.9          | 0.78        | 5.8         | 0.97         | 6.0          | 1.36        | 5.3         | NNE  | 20  |
|     | 06 | 0.53         | 5.1          | 0.81        | 5.7         | 0.99         | 6.2          | 1.25        | 6.0         | NNE  | 20  |
|     | 08 | 0.55         | 5.2          | 0.86        | 6.2         | 1.10         | 6.3          | * 1.80      | 5.8         | NNE  | 25  |
|     | 10 | 0.59         | 5.5          | 0.93        | 6.3         | 1.13         | 6.3          | 1.53        | 5.5         | NNE  | 20  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.47         | 5.3          | 0.72        | 6.2         | 0.88         | 5.9          | 1.05        | 5.7         | NNE  | 12  |
|     | 14 | 0.47         | 5.2          | 0.73        | 6.3         | 0.89         | 6.2          | 1.13        | 7.0         | NNE  | 29  |
|     | 16 | 0.40         | 5.2          | 0.62        | 6.2         | 0.78         | 6.4          | 1.00        | 6.8         | NNE  | 20  |
|     | 18 | 0.42         | 5.4          | 0.67        | 6.4         | 0.85         | 6.5          | 1.17        | 6.7         | NNE  | 25  |
|     | 20 | 0.41         | 5.0          | 0.67        | 6.1         | 0.85         | 6.0          | 1.37        | 6.1         | NNE  | 20  |
|     | 22 | 0.41         | 5.0          | 0.63        | 5.9         | 0.78         | 6.3          | 1.01        | 4.9         | NNE  | 25  |
|     | 最大 | 0.65         | 4.8          | 1.03        | 5.8         | 1.23         | 6.0          | 1.80        | 5.8         |      |     |
|     | 平均 | 0.50         | 5.1          | 0.78        | 6.0         | 0.97         | 6.1          | 1.31        | 5.9         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 369 回 |
| 欠測回数  | 0 回   | 欠測回数  | 3 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 0.8 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 25 | 00 | 0.39         | 4.1          | 0.63        | 5.3         | 0.81         | 5.7          | 1.09        | 6.2         | NNE  | 25  |
|    | 02 | 0.29         | 4.3          | 0.46        | 5.6         | 0.57         | 5.5          | 0.71        | 6.1         | NNE  | 29  |
|    | 04 | 0.31         | 4.7          | 0.47        | 5.7         | 0.58         | 6.0          | 0.86        | 6.3         | NNE  | 29  |
|    | 06 | 0.34         | 4.3          | 0.54        | 5.1         | 0.68         | 4.8          | 1.01        | 4.3         | NNE  | 33  |
|    | 08 | * 0.45       | 4.3          | * 0.69      | 4.8         | * 0.82       | 4.8          | * 1.15      | 4.2         | N    | 0   |
|    | 10 | 0.37         | 4.0          | 0.58        | 4.7         | 0.70         | 4.8          | 0.92        | 4.9         | NNE  | 33  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.35         | 4.0          | 0.54        | 4.6         | 0.68         | 4.8          | 0.89        | 5.2         | NE   | 41  |
|    | 14 | 0.31         | 3.9          | 0.47        | 4.6         | 0.57         | 4.6          | 0.79        | 4.0         | NNE  | 16  |
|    | 16 | 0.37         | 3.5          | 0.58        | 4.1         | 0.71         | 4.0          | 0.95        | 3.4         | NE   | 45  |
|    | 18 | 0.32         | 3.4          | 0.50        | 3.9         | 0.60         | 4.0          | 0.95        | 4.3         | ENE  | 61  |
|    | 20 | 0.24         | 3.7          | 0.37        | 4.4         | 0.46         | 4.3          | 0.63        | 4.3         | NE   | 41  |
|    | 22 | 0.25         | 4.0          | 0.38        | 4.5         | 0.46         | 4.1          | 0.61        | 3.5         | NNE  | 29  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.45         | 4.3          | 0.69        | 4.8         | 0.82         | 4.8          | 1.15        | 4.2         |      |     |
|    | 平均 | 0.33         | 4.0          | 0.52        | 4.8         | 0.64         | 4.8          | 0.88        | 4.7         |      |     |
| 26 | 00 | 0.20         | 3.8          | 0.31        | 4.3         | 0.40         | 4.3          | 0.57        | 3.6         | NE   | 37  |
|    | 02 | * 0.21       | 3.8          | * 0.33      | 4.3         | * 0.41       | 4.4          | 0.55        | 4.2         | NNE  | 16  |
|    | 04 | 0.20         | 3.6          | 0.32        | 4.1         | 0.39         | 4.2          | * 0.59      | 4.3         | NNE  | 33  |
|    | 06 | 0.18         | 3.7          | 0.27        | 4.1         | 0.33         | 4.1          | 0.46        | 3.8         | ENE  | 70  |
|    | 08 | 0.15         | 3.5          | 0.22        | 4.1         | 0.28         | 4.2          | 0.44        | 4.4         | NNE  | 16  |
|    | 10 | 0.12         | 3.3          | 0.19        | 4.1         | 0.23         | 4.1          | 0.33        | 3.7         | NNE  | 29  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.13         | 3.7          | 0.19        | 4.5         | 0.24         | 4.4          | 0.34        | 4.9         | NNE  | 12  |
|    | 14 | 0.11         | 4.0          | 0.17        | 4.9         | 0.21         | 4.9          | 0.28        | 5.3         | NE   | 45  |
|    | 16 | 0.10         | 3.2          | 0.16        | 4.5         | 0.19         | 5.2          | 0.23        | 6.4         | N    | 0   |
|    | 18 | 0.11         | 2.6          | 0.17        | 3.5         | 0.22         | 3.4          | 0.30        | 3.4         | NNE  | 33  |
|    | 20 | 0.08         | 3.0          | 0.13        | 4.3         | 0.16         | 4.9          | 0.30        | 5.1         | E    | 98  |
|    | 22 | 0.11         | 2.3          | 0.16        | 2.8         | 0.20         | 2.9          | 0.34        | 1.8         | N    | 353 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.21         | 3.8          | 0.33        | 4.3         | 0.41         | 4.4          | 0.59        | 4.3         |      |     |
|    | 平均 | 0.14         | 3.4          | 0.22        | 4.1         | 0.27         | 4.2          | 0.39        | 4.2         |      |     |
| 27 | 00 | 0.09         | 2.8          | 0.13        | 3.9         | 0.17         | 4.4          | 0.25        | 4.9         | 欠測   | 欠測  |
|    | 02 | 0.12         | 2.3          | 0.18        | 2.7         | 0.21         | 2.6          | 0.29        | 2.1         | NNW  | 336 |
|    | 04 | 0.07         | 3.0          | 0.10        | 3.9         | 0.13         | 4.0          | 0.19        | 3.0         | 欠測   | 欠測  |
|    | 06 | 0.06         | 3.3          | 0.09        | 4.7         | 0.10         | 5.3          | 0.14        | 4.5         | ENE  | 65  |
|    | 08 | 0.06         | 3.6          | 0.09        | 5.2         | 0.11         | 6.0          | 0.15        | 5.8         | NE   | 45  |
|    | 10 | 0.07         | 3.6          | 0.10        | 4.8         | 0.12         | 5.1          | 0.16        | 6.6         | NNW  | 348 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.07         | 3.4          | 0.10        | 5.0         | 0.12         | 5.8          | 0.16        | 6.7         | ENE  | 57  |
|    | 14 | 0.43         | 2.9          | 0.68        | 3.4         | 0.88         | 3.3          | 1.16        | 3.6         | NNE  | 12  |
|    | 16 | 0.63         | 3.5          | 0.97        | 4.1         | 1.20         | 4.0          | 1.89        | 4.0         | NNE  | 12  |
|    | 18 | 0.66         | 3.7          | 1.07        | 4.4         | 1.38         | 4.4          | * 2.18      | 4.9         | N    | 8   |
|    | 20 | * 0.74       | 4.0          | * 1.15      | 4.6         | * 1.41       | 4.5          | 1.76        | 4.9         | N    | 8   |
|    | 22 | 0.66         | 3.8          | 1.04        | 4.5         | 1.30         | 4.7          | 1.87        | 4.6         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.74         | 4.0          | 1.15        | 4.6         | 1.41         | 4.5          | 2.18        | 4.9         |      |     |
|    | 平均 | 0.30         | 3.3          | 0.48        | 4.3         | 0.59         | 4.5          | 0.85        | 4.6         |      |     |
| 28 | 00 | * 0.77       | 4.1          | * 1.24      | 4.9         | * 1.57       | 4.6          | 2.02        | 4.3         | NNE  | 25  |
|    | 02 | 0.71         | 3.9          | 1.11        | 4.5         | 1.49         | 4.5          | 2.16        | 4.6         | NNE  | 12  |
|    | 04 | 0.63         | 4.3          | 0.99        | 4.9         | 1.26         | 4.6          | 1.60        | 5.1         | NNE  | 25  |
|    | 06 | 0.65         | 4.2          | 1.02        | 5.0         | 1.30         | 4.9          | * 2.17      | 4.1         | NNE  | 16  |
|    | 08 | 0.63         | 4.2          | 0.96        | 4.9         | 1.20         | 4.9          | 1.47        | 6.0         | NNE  | 25  |
|    | 10 | 0.70         | 4.5          | 1.11        | 5.2         | 1.38         | 5.3          | 2.12        | 4.7         | NNE  | 25  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.73         | 4.5          | 1.18        | 5.5         | 1.49         | 5.5          | 2.02        | 5.8         | NNE  | 29  |
|    | 14 | 0.66         | 4.8          | 1.06        | 6.1         | 1.33         | 6.1          | 1.64        | 5.7         | N    | 8   |
|    | 16 | 0.63         | 5.0          | 0.98        | 6.4         | 1.27         | 6.8          | 1.61        | 7.0         | NNE  | 16  |
|    | 18 | 0.46         | 5.0          | 0.74        | 6.4         | 0.93         | 6.7          | 1.20        | 5.5         | NE   | 37  |
|    | 20 | 0.37         | 4.8          | 0.64        | 7.3         | 0.79         | 7.9          | 1.08        | 7.7         | NNE  | 20  |
|    | 22 | 0.28         | 5.7          | 0.47        | 7.5         | 0.59         | 7.5          | 0.75        | 6.9         | N    | 8   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.77         | 4.1          | 1.24        | 4.9         | 1.57         | 4.6          | 2.17        | 4.1         |      |     |
|    | 平均 | 0.60         | 4.6          | 0.96        | 5.7         | 1.22         | 5.8          | 1.65        | 5.6         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 369 回 |
| 欠測回数  | 0 回   | 欠測回数  | 3 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 0.8 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日   | 時    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|-----|------|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|     |      | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 29  | 00   | 0.52   | 3.0   | 0.81   | 3.4  | 1.04   | 3.3   | 1.52   | 3.1  | 欠測   | 欠測  |
|     | 02   | 0.49   | 3.1   | 0.72   | 3.3  | 0.89   | 3.4   | 1.16   | 3.4  | N    | 8   |
|     | 04   | 0.29   | 3.0   | 0.44   | 4.1  | 0.54   | 4.7   | 0.86   | 3.0  | NNE  | 20  |
|     | 06   | 0.32   | 3.1   | 0.49   | 3.7  | 0.60   | 4.2   | 0.78   | 2.0  | NNE  | 16  |
|     | 08   | 0.34   | 3.5   | 0.52   | 4.8  | 0.63   | 6.3   | 0.77   | 12.2 | NNE  | 25  |
|     | 10   | 0.30   | 4.6   | 0.47   | 7.8  | 0.61   | 9.5   | 0.93   | 10.8 | N    | 4   |
|     | 12   | 0.47   | 4.0   | 0.73   | 5.6  | 0.92   | 7.2   | 1.25   | 7.5  | N    | 356 |
|     | 14   | 0.65   | 3.9   | 0.99   | 4.8  | 1.25   | 5.5   | 1.56   | 4.2  | NNW  | 348 |
|     | 16   | 0.56   | 4.9   | 0.88   | 7.7  | 1.16   | 11.0  | 1.54   | 16.2 | NNW  | 327 |
|     | 18   | 0.71   | 6.7   | 1.25   | 11.4 | 1.72   | 14.0  | 2.28   | 14.9 | NW   | 311 |
|     | 20   | * 1.08 | 9.6   | * 1.81 | 12.9 | * 2.22 | 13.7  | * 2.75 | 13.0 | NNW  | 344 |
|     | 22   | 1.01   | 8.1   | 1.72   | 12.4 | 2.00   | 13.0  | 2.42   | 14.4 | NNW  | 340 |
|     | 最大   | 1.08   | 9.6   | 1.81   | 12.9 | 2.22   | 13.7  | 2.75   | 13.0 |      |     |
|     | 平均   | 0.56   | 4.8   | 0.90   | 6.8  | 1.13   | 8.0   | 1.49   | 8.7  |      |     |
| 30  | 00   | 1.18   | 7.7   | 1.93   | 11.0 | 2.40   | 10.7  | 2.93   | 12.1 | NNW  | 344 |
|     | 02   | 0.92   | 6.2   | 1.51   | 9.4  | 1.98   | 11.3  | 2.35   | 12.9 | NW   | 323 |
|     | 04   | 0.85   | 7.6   | 1.37   | 11.4 | 1.68   | 12.2  | 1.94   | 14.2 | NNW  | 344 |
|     | 06   | 1.18   | 8.2   | 2.04   | 12.3 | 2.67   | 12.5  | 3.23   | 13.3 | NNW  | 331 |
|     | 08   | * 1.36 | 10.7  | * 2.15 | 12.1 | * 2.68 | 12.3  | * 3.93 | 12.9 | NNW  | 348 |
|     | 10   | 1.12   | 10.1  | 1.80   | 12.7 | 2.18   | 12.7  | 2.91   | 12.6 | NNW  | 331 |
|     | 12   | 1.21   | 10.9  | 1.92   | 12.7 | 2.31   | 12.7  | 2.71   | 12.4 | NNW  | 327 |
|     | 14   | 0.80   | 9.8   | 1.31   | 12.8 | 1.64   | 13.2  | 1.96   | 13.2 | N    | 352 |
|     | 16   | 1.04   | 10.6  | 1.69   | 12.8 | 2.22   | 13.4  | 2.43   | 12.5 | N    | 4   |
|     | 18   | 0.88   | 9.4   | 1.48   | 12.6 | 1.80   | 12.6  | 2.01   | 12.3 | NNE  | 16  |
|     | 20   | 1.02   | 11.2  | 1.63   | 12.4 | 2.01   | 12.5  | 2.24   | 13.0 | N    | 352 |
|     | 22   | 1.05   | 10.1  | 1.81   | 12.9 | 2.39   | 13.1  | 3.28   | 13.2 | NNW  | 348 |
|     | 最大   | 1.36   | 10.7  | 2.15   | 12.1 | 2.68   | 12.3  | 3.93   | 12.9 |      |     |
|     | 平均   | 1.05   | 9.4   | 1.72   | 12.1 | 2.16   | 12.4  | 2.66   | 12.9 |      |     |
| 31  | 00   | 1.18   | 11.1  | 1.94   | 12.8 | * 2.58 | 12.7  | * 3.46 | 12.3 | N    | 352 |
|     | 02   | * 1.24 | 11.2  | * 1.97 | 12.6 | 2.50   | 12.4  | 2.74   | 12.6 | N    | 4   |
|     | 04   | 1.00   | 10.1  | 1.57   | 11.4 | 1.93   | 11.2  | 2.42   | 10.9 | N    | 8   |
|     | 06   | 0.89   | 8.3   | 1.59   | 11.0 | 2.03   | 11.0  | 2.51   | 10.9 | N    | 8   |
|     | 08   | 0.92   | 7.4   | 1.51   | 10.7 | 1.86   | 10.7  | 2.85   | 9.9  | N    | 8   |
|     | 10   | 0.81   | 6.3   | 1.34   | 9.4  | 1.67   | 9.7   | 2.18   | 10.7 | NNE  | 12  |
|     | 12   | 0.68   | 5.8   | 1.09   | 8.3  | 1.39   | 8.5   | 1.67   | 9.9  | N    | 4   |
|     | 14   | 0.88   | 7.0   | 1.45   | 9.1  | 1.82   | 9.6   | 2.20   | 10.1 | NNE  | 16  |
|     | 16   | 0.91   | 7.2   | 1.50   | 9.5  | 1.79   | 9.3   | 2.17   | 10.5 | NNE  | 12  |
|     | 18   | 0.83   | 6.9   | 1.45   | 9.5  | 1.83   | 9.8   | 2.35   | 10.2 | N    | 8   |
|     | 20   | 0.76   | 7.3   | 1.21   | 9.4  | 1.53   | 9.6   | 2.08   | 9.9  | NNE  | 12  |
|     | 22   | 0.66   | 7.0   | 1.10   | 9.0  | 1.39   | 9.3   | 1.92   | 8.5  | N    | 8   |
|     | 最大   | 1.24   | 11.2  | 1.97   | 12.6 | 2.58   | 12.7  | 3.46   | 12.3 |      |     |
|     | 平均   | 0.90   | 8.0   | 1.48   | 10.2 | 1.86   | 10.3  | 2.38   | 10.5 |      |     |
| 月最大 | 1.52 | 9.5    | 2.44  | 11.4   | 3.11 | 11.4   | 4.15  | 11.5   |      |      |     |
|     | 0806 |        | 0806  |        | 0806 |        | 0806  |        |      |      |     |
|     | 平均   | 0.50   | 5.3   | 0.79   | 6.8  | 1.00   | 7.1   | 1.31   | 7.2  |      |     |

波浪整理表（1）

2021年 2月

| 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  | 326 回 |
| 欠測回数  | 0 回   | 欠測回数  | 10 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|-----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|     |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 01  | 00 | 0.57   | 7.0   | * 0.94 | 8.9  | * 1.20 | 8.8   | 1.56   | 8.9  | N    | 4   |
|     | 02 | * 0.57 | 7.7   | 0.85   | 8.8  | 1.00   | 8.8   | 1.17   | 10.4 | NNE  | 25  |
|     | 04 | 0.57   | 7.6   | 0.92   | 9.0  | 1.17   | 9.3   | * 1.67 | 9.1  | NNE  | 12  |
|     | 06 | 0.45   | 6.8   | 0.77   | 9.1  | 1.01   | 9.1   | 1.38   | 9.3  | N    | 8   |
|     | 08 | 0.42   | 6.0   | 0.69   | 8.6  | 0.84   | 8.7   | 1.09   | 8.4  | NNE  | 25  |
|     | 10 | 0.44   | 4.2   | 0.71   | 7.0  | 0.93   | 8.8   | 1.31   | 9.3  | N    | 0   |
|     | 12 | 0.36   | 5.1   | 0.58   | 8.4  | 0.72   | 9.0   | 0.99   | 9.4  | N    | 8   |
|     | 14 | 0.40   | 5.4   | 0.69   | 8.9  | 0.88   | 9.4   | 1.11   | 8.8  | NNE  | 16  |
|     | 16 | 0.31   | 5.5   | 0.55   | 9.0  | 0.71   | 9.4   | 0.86   | 9.2  | NNE  | 12  |
|     | 18 | 0.37   | 3.2   | 0.57   | 4.0  | 0.72   | 4.5   | 0.94   | 2.5  | NNE  | 12  |
|     | 20 | 0.30   | 2.8   | 0.46   | 3.3  | 0.60   | 3.3   | 0.96   | 2.3  | NNE  | 33  |
|     | 22 | 0.27   | 2.4   | 0.41   | 2.5  | 0.51   | 2.3   | 0.63   | 2.4  | NNE  | 17  |
|     | 最大 | 0.57   | 7.7   | 0.94   | 8.9  | 1.20   | 8.8   | 1.67   | 9.1  |      |     |
|     | 平均 | 0.42   | 5.3   | 0.68   | 7.3  | 0.86   | 7.6   | 1.14   | 7.5  |      |     |
| 02  | 00 | 0.10   | 4.2   | 0.16   | 7.1  | 0.20   | 8.2   | 0.28   | 7.9  | NE   | 37  |
|     | 02 | 0.10   | 3.5   | 0.15   | 5.3  | 0.19   | 5.9   | 0.25   | 8.1  | 欠測   | 欠測  |
|     | 04 | 0.11   | 2.4   | 0.17   | 3.0  | 0.22   | 2.7   | 0.35   | 1.8  | NE   | 55  |
|     | 06 | 0.09   | 2.6   | 0.13   | 3.7  | 0.16   | 4.3   | 0.22   | 2.8  | N    | 356 |
|     | 08 | 0.09   | 2.9   | 0.14   | 3.9  | 0.17   | 4.7   | 0.23   | 3.2  | NE   | 49  |
|     | 10 | 0.08   | 3.7   | 0.13   | 5.7  | 0.17   | 6.9   | 0.24   | 6.1  | NNW  | 335 |
|     | 12 | 0.35   | 2.7   | 0.55   | 3.0  | 0.71   | 3.0   | 1.04   | 2.7  | NNE  | 19  |
|     | 14 | * 0.78 | 3.8   | * 1.21 | 4.4  | * 1.48 | 4.2   | * 2.17 | 3.9  | N    | 8   |
|     | 16 | 0.63   | 4.2   | 0.98   | 4.8  | 1.22   | 5.0   | 1.67   | 4.3  | NNE  | 12  |
|     | 18 | 0.50   | 4.8   | 0.78   | 6.1  | 1.01   | 6.8   | 1.26   | 8.4  | N    | 356 |
|     | 20 | 0.48   | 5.2   | 0.79   | 7.0  | 1.02   | 7.6   | 1.34   | 8.5  | N    | 4   |
|     | 22 | 0.46   | 6.1   | 0.75   | 7.9  | 0.92   | 8.4   | 1.20   | 6.6  | N    | 0   |
|     | 最大 | 0.78   | 3.8   | 1.21   | 4.4  | 1.48   | 4.2   | 2.17   | 3.9  |      |     |
|     | 平均 | 0.31   | 3.8   | 0.50   | 5.2  | 0.62   | 5.6   | 0.85   | 5.4  |      |     |
| 03  | 00 | 0.40   | 5.9   | 0.67   | 8.8  | 0.83   | 9.0   | 1.06   | 8.3  | N    | 4   |
|     | 02 | 0.32   | 6.4   | 0.53   | 8.8  | 0.65   | 8.9   | 0.79   | 9.5  | N    | 8   |
|     | 04 | 0.33   | 5.3   | 0.56   | 8.4  | 0.73   | 8.9   | 0.96   | 10.8 | N    | 8   |
|     | 06 | 0.45   | 5.1   | 0.74   | 8.1  | 0.95   | 9.0   | 1.43   | 9.8  | NNE  | 20  |
|     | 08 | 0.47   | 4.7   | 0.74   | 7.1  | 0.99   | 8.5   | 1.49   | 8.8  | NNE  | 20  |
|     | 10 | 0.54   | 5.3   | 0.90   | 8.1  | 1.18   | 9.1   | 1.47   | 8.4  | NNE  | 12  |
|     | 12 | 0.57   | 5.9   | 0.95   | 8.4  | 1.19   | 8.8   | 1.44   | 10.0 | N    | 4   |
|     | 14 | 0.71   | 6.8   | 1.18   | 9.3  | 1.49   | 8.9   | 2.10   | 8.5  | NNE  | 20  |
|     | 16 | * 0.80 | 7.9   | * 1.29 | 9.6  | * 1.63 | 9.3   | * 2.33 | 9.3  | NNE  | 12  |
|     | 18 | 0.72   | 8.4   | 1.13   | 9.7  | 1.36   | 9.5   | 1.69   | 9.0  | NNE  | 12  |
|     | 20 | 0.56   | 7.8   | 0.88   | 9.4  | 1.10   | 9.4   | 1.31   | 9.5  | N    | 4   |
|     | 22 | 0.53   | 8.1   | 0.88   | 10.1 | 1.11   | 9.8   | 1.36   | 9.7  | NNE  | 12  |
|     | 最大 | 0.80   | 7.9   | 1.29   | 9.6  | 1.63   | 9.3   | 2.33   | 9.3  |      |     |
|     | 平均 | 0.53   | 6.5   | 0.87   | 8.8  | 1.10   | 9.1   | 1.45   | 9.3  |      |     |
| 04  | 00 | * 0.56 | 8.6   | * 0.88 | 9.7  | * 1.10 | 9.5   | 1.33   | 9.2  | NNE  | 29  |
|     | 02 | 0.50   | 7.0   | 0.85   | 9.6  | 1.04   | 9.4   | 1.30   | 9.3  | NNE  | 12  |
|     | 04 | 0.39   | 7.8   | 0.64   | 9.5  | 0.82   | 9.4   | 1.07   | 9.7  | NNE  | 12  |
|     | 06 | 0.34   | 6.8   | 0.56   | 9.2  | 0.68   | 9.1   | 0.85   | 8.5  | N    | 8   |
|     | 08 | 0.34   | 7.2   | 0.57   | 9.3  | 0.72   | 9.0   | 0.98   | 8.7  | NNE  | 25  |
|     | 10 | 0.31   | 3.2   | 0.47   | 4.3  | 0.59   | 5.7   | 0.89   | 2.9  | NNE  | 16  |
|     | 12 | 0.26   | 2.8   | 0.40   | 3.2  | 0.50   | 3.3   | 0.74   | 2.9  | N    | 356 |
|     | 14 | 0.38   | 3.2   | 0.58   | 3.8  | 0.71   | 3.7   | 0.99   | 3.5  | N    | 8   |
|     | 16 | 0.46   | 3.5   | 0.70   | 4.5  | 0.88   | 4.8   | 1.11   | 7.7  | NNE  | 16  |
|     | 18 | 0.40   | 4.1   | 0.62   | 5.8  | 0.78   | 6.8   | 1.12   | 7.4  | NNE  | 12  |
|     | 20 | 0.45   | 5.5   | 0.79   | 8.0  | 1.04   | 8.0   | 1.27   | 8.1  | N    | 4   |
|     | 22 | 0.48   | 6.3   | 0.80   | 7.9  | 1.04   | 8.0   | * 1.67 | 8.3  | NNE  | 16  |
|     | 最大 | 0.56   | 8.6   | 0.88   | 9.7  | 1.10   | 9.5   | 1.67   | 8.3  |      |     |
|     | 平均 | 0.41   | 5.5   | 0.66   | 7.1  | 0.82   | 7.2   | 1.11   | 7.2  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 2月

| 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  | 326 回 |
| 欠測回数  | 0 回   | 欠測回数  | 10 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 05 | 00 | 0.50   | 5.8   | 0.83   | 8.0  | 1.12   | 8.3   | * 1.58 | 8.3  | NNE  | 16  |
|    | 02 | 0.55   | 6.5   | 0.90   | 8.8  | 1.11   | 8.8   | 1.44   | 6.5  | N    | 8   |
|    | 04 | * 0.61 | 6.2   | * 0.99 | 8.3  | * 1.27 | 9.0   | 1.54   | 10.4 | NNE  | 16  |
|    | 06 | 0.54   | 6.5   | 0.87   | 8.4  | 1.10   | 9.0   | 1.28   | 8.9  | NNE  | 16  |
|    | 08 | 0.46   | 6.9   | 0.72   | 8.6  | 0.88   | 9.1   | 1.10   | 10.1 | N    | 4   |
|    | 10 | 0.34   | 6.4   | 0.53   | 8.2  | 0.66   | 8.7   | 0.92   | 8.5  | NNE  | 25  |
|    | 12 | 0.30   | 6.6   | 0.46   | 8.4  | 0.57   | 8.3   | 0.68   | 8.3  | NNE  | 33  |
|    | 14 | 0.28   | 7.0   | 0.50   | 9.8  | 0.60   | 10.2  | 0.87   | 10.5 | NNE  | 16  |
|    | 16 | 0.29   | 7.3   | 0.48   | 9.7  | 0.57   | 10.0  | 0.71   | 10.5 | NNE  | 16  |
|    | 18 | 0.26   | 6.6   | 0.45   | 9.4  | 0.58   | 9.1   | 0.90   | 9.0  | NNE  | 29  |
|    | 20 | 0.26   | 7.3   | 0.42   | 9.1  | 0.52   | 8.7   | 0.68   | 8.5  | NNE  | 20  |
|    | 22 | 0.20   | 6.8   | 0.34   | 9.4  | 0.43   | 9.1   | 0.56   | 9.2  | NNE  | 29  |
|    | 最大 | 0.61   | 6.2   | 0.99   | 8.3  | 1.27   | 9.0   | 1.58   | 8.3  |      |     |
|    | 平均 | 0.38   | 6.7   | 0.62   | 8.8  | 0.78   | 9.0   | 1.02   | 9.1  |      |     |
| 06 | 00 | * 0.20 | 6.7   | * 0.33 | 8.8  | 0.43   | 9.2   | 0.59   | 8.9  | NNE  | 29  |
|    | 02 | 0.19   | 5.6   | 0.33   | 8.5  | 0.43   | 8.5   | 0.54   | 8.1  | N    | 4   |
|    | 04 | 0.20   | 3.5   | 0.33   | 5.7  | * 0.44 | 7.8   | * 0.62 | 8.5  | NNE  | 16  |
|    | 06 | 0.18   | 4.1   | 0.29   | 6.6  | 0.38   | 8.0   | 0.62   | 7.7  | NE   | 37  |
|    | 08 | 0.16   | 3.1   | 0.24   | 4.2  | 0.32   | 5.7   | 0.42   | 4.3  | N    | 8   |
|    | 10 | 0.13   | 4.0   | 0.22   | 6.5  | 0.28   | 8.4   | 0.34   | 9.0  | NNE  | 29  |
|    | 12 | 0.14   | 3.8   | 0.23   | 5.9  | 0.30   | 6.9   | 0.45   | 8.4  | NNE  | 33  |
|    | 14 | 0.15   | 2.7   | 0.23   | 3.4  | 0.29   | 3.7   | 0.43   | 2.2  | N    | 356 |
|    | 16 | 0.20   | 2.7   | 0.30   | 3.2  | 0.36   | 3.5   | 0.48   | 1.9  | N    | 8   |
|    | 18 | 0.14   | 3.7   | 0.21   | 5.9  | 0.28   | 7.2   | 0.39   | 6.9  | NNE  | 20  |
|    | 20 | 0.14   | 4.5   | 0.23   | 6.8  | 0.29   | 7.1   | 0.42   | 6.9  | NNW  | 331 |
|    | 22 | 0.14   | 4.6   | 0.23   | 6.8  | 0.30   | 7.1   | 0.37   | 7.5  | ENE  | 74  |
|    | 最大 | 0.20   | 6.7   | 0.33   | 8.8  | 0.44   | 7.8   | 0.62   | 8.5  |      |     |
|    | 平均 | 0.16   | 4.1   | 0.26   | 6.0  | 0.34   | 6.9   | 0.47   | 6.7  |      |     |
| 07 | 00 | 0.16   | 5.4   | 0.25   | 6.8  | 0.31   | 7.1   | 0.40   | 7.8  | N    | 8   |
|    | 02 | 0.20   | 6.4   | 0.30   | 7.3  | 0.37   | 7.3   | 0.49   | 7.9  | NNE  | 16  |
|    | 04 | 0.17   | 5.4   | 0.29   | 7.2  | 0.38   | 7.1   | 0.48   | 6.4  | N    | 4   |
|    | 06 | 0.13   | 4.3   | 0.20   | 6.6  | 0.25   | 7.1   | 0.32   | 8.3  | NNE  | 16  |
|    | 08 | 0.13   | 3.5   | 0.20   | 5.4  | 0.26   | 6.5   | 0.38   | 6.3  | N    | 352 |
|    | 10 | 0.16   | 2.6   | 0.26   | 3.1  | 0.33   | 3.2   | 0.45   | 1.8  | NNW  | 343 |
|    | 12 | 0.10   | 3.0   | 0.16   | 4.6  | 0.20   | 6.3   | 0.30   | 7.4  | ENE  | 61  |
|    | 14 | 0.10   | 4.6   | 0.16   | 6.7  | 0.22   | 6.8   | 0.29   | 7.3  | NE   | 37  |
|    | 16 | 0.32   | 3.1   | 0.47   | 3.5  | 0.58   | 3.7   | 0.78   | 3.6  | N    | 352 |
|    | 18 | 0.45   | 3.9   | 0.68   | 4.6  | 0.85   | 4.8   | 1.27   | 4.4  | NNE  | 33  |
|    | 20 | * 0.48 | 3.6   | * 0.75 | 4.6  | * 0.91 | 4.6   | * 1.32 | 4.8  | NNE  | 12  |
|    | 22 | 0.41   | 3.7   | 0.63   | 4.5  | 0.78   | 4.3   | 1.05   | 3.8  | NNE  | 20  |
|    | 最大 | 0.48   | 3.6   | 0.75   | 4.6  | 0.91   | 4.6   | 1.32   | 4.8  |      |     |
|    | 平均 | 0.23   | 4.1   | 0.36   | 5.4  | 0.45   | 5.7   | 0.63   | 5.8  |      |     |
| 08 | 00 | 0.42   | 4.6   | 0.65   | 5.7  | 0.82   | 5.8   | 1.10   | 6.4  | NNE  | 25  |
|    | 02 | 0.40   | 4.8   | 0.63   | 5.9  | 0.78   | 6.1   | 1.09   | 7.5  | NNE  | 25  |
|    | 04 | 0.67   | 3.6   | 1.04   | 4.2  | 1.31   | 4.2   | 2.03   | 4.4  | NNE  | 20  |
|    | 06 | 0.66   | 3.8   | 1.06   | 4.7  | 1.32   | 4.6   | 1.68   | 4.0  | NE   | 37  |
|    | 08 | 0.71   | 4.5   | 1.08   | 5.6  | 1.34   | 5.7   | 1.74   | 6.9  | NNE  | 25  |
|    | 10 | 0.55   | 4.9   | 0.82   | 5.8  | 1.02   | 5.8   | 1.33   | 5.9  | NNE  | 16  |
|    | 12 | 0.52   | 5.4   | 0.83   | 6.6  | 1.08   | 7.0   | 1.58   | 5.8  | NNE  | 25  |
|    | 14 | 0.47   | 6.0   | 0.74   | 7.3  | 0.92   | 7.3   | 1.14   | 6.8  | NNE  | 25  |
|    | 16 | 0.39   | 5.0   | 0.63   | 7.2  | 0.78   | 7.4   | 1.06   | 6.9  | NNE  | 20  |
|    | 18 | 0.37   | 5.9   | 0.61   | 7.8  | 0.76   | 8.0   | 0.93   | 8.5  | NNE  | 12  |
|    | 20 | 0.85   | 4.7   | 1.32   | 6.2  | 1.62   | 6.5   | 2.38   | 5.1  | NNE  | 29  |
|    | 22 | * 1.06 | 5.2   | * 1.65 | 7.1  | * 2.00 | 7.5   | * 2.72 | 9.4  | NNE  | 16  |
|    | 最大 | 1.06   | 5.2   | 1.65   | 7.1  | 2.00   | 7.5   | 2.72   | 9.4  |      |     |
|    | 平均 | 0.59   | 4.9   | 0.92   | 6.2  | 1.15   | 6.3   | 1.57   | 6.5  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 2月

| 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  | 326 回 |
| 欠測回数  | 0 回   | 欠測回数  | 10 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |    |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度 |
| 09  | 00 | * 0.95       | 5.4          | * 1.51      | 7.2         | * 1.89       | 7.5          | * 2.45      | 8.8         | NNE  | 20 |
|     | 02 | 0.80         | 5.6          | 1.32        | 7.9         | 1.69         | 8.7          | 2.34        | 9.5         | NNE  | 12 |
|     | 04 | 0.76         | 6.1          | 1.18        | 7.6         | 1.45         | 8.3          | 1.73        | 8.6         | NNE  | 16 |
|     | 06 | 0.66         | 6.1          | 1.09        | 8.4         | 1.34         | 8.4          | 1.54        | 7.8         | NNE  | 12 |
|     | 08 | 0.61         | 6.5          | 0.95        | 8.2         | 1.21         | 7.7          | 1.73        | 8.3         | NNE  | 12 |
|     | 10 | 0.64         | 7.3          | 0.98        | 8.8         | 1.19         | 8.8          | 1.55        | 8.3         | NNE  | 16 |
|     | 12 | 0.61         | 7.6          | 0.97        | 9.3         | 1.20         | 9.4          | 1.67        | 9.4         | NNE  | 16 |
|     | 14 | 0.64         | 7.7          | 1.02        | 9.9         | 1.27         | 9.7          | 1.51        | 9.1         | NNE  | 20 |
|     | 16 | 0.68         | 7.9          | 1.08        | 9.3         | 1.32         | 9.3          | 1.81        | 8.0         | NNE  | 33 |
|     | 18 | 0.61         | 7.3          | 1.03        | 9.4         | 1.32         | 9.4          | 1.72        | 10.7        | NNE  | 25 |
|     | 20 | 0.46         | 7.3          | 0.79        | 9.7         | 1.05         | 10.0         | 1.42        | 9.6         | NNE  | 29 |
|     | 22 | 0.45         | 8.0          | 0.71        | 9.5         | 0.89         | 9.4          | 1.22        | 9.2         | N    | 8  |
|     | 最大 | 0.95         | 5.4          | 1.51        | 7.2         | 1.89         | 7.5          | 2.45        | 8.8         |      |    |
|     | 平均 | 0.66         | 6.9          | 1.05        | 8.8         | 1.32         | 8.9          | 1.72        | 8.9         |      |    |
| 10  | 00 | * 0.50       | 7.8          | * 0.80      | 9.5         | * 0.99       | 9.3          | * 1.30      | 9.7         | NNE  | 20 |
|     | 02 | 0.37         | 7.1          | 0.60        | 9.2         | 0.80         | 9.5          | 1.23        | 9.6         | NNE  | 33 |
|     | 04 | 0.31         | 7.1          | 0.49        | 8.9         | 0.60         | 9.1          | 0.66        | 11.2        | NNE  | 16 |
|     | 06 | 0.35         | 7.3          | 0.57        | 9.4         | 0.69         | 9.4          | 0.90        | 10.2        | NNE  | 20 |
|     | 08 | 0.34         | 7.1          | 0.55        | 9.5         | 0.70         | 9.4          | 0.82        | 9.8         | NNE  | 25 |
|     | 10 | 0.30         | 6.9          | 0.51        | 9.7         | 0.63         | 9.8          | 0.79        | 9.6         | NNE  | 29 |
|     | 12 | 0.28         | 6.9          | 0.48        | 9.7         | 0.62         | 9.5          | 0.78        | 9.5         | NNE  | 20 |
|     | 14 | 0.28         | 7.4          | 0.45        | 9.2         | 0.58         | 9.4          | 0.80        | 8.4         | NE   | 37 |
|     | 16 | 0.22         | 6.2          | 0.38        | 8.7         | 0.48         | 9.2          | 0.59        | 9.7         | NNE  | 33 |
|     | 18 | 0.20         | 6.1          | 0.33        | 8.6         | 0.41         | 8.9          | 0.52        | 9.2         | NNE  | 20 |
|     | 20 | 0.17         | 5.8          | 0.29        | 8.4         | 0.38         | 8.4          | 0.48        | 8.1         | NNE  | 20 |
|     | 22 | 0.19         | 6.8          | 0.29        | 8.2         | 0.34         | 8.2          | 0.41        | 8.6         | NNE  | 20 |
|     | 最大 | 0.50         | 7.8          | 0.80        | 9.5         | 0.99         | 9.3          | 1.30        | 9.7         |      |    |
|     | 平均 | 0.29         | 6.9          | 0.48        | 9.1         | 0.60         | 9.2          | 0.77        | 9.5         |      |    |
| 11  | 00 | 0.24         | 3.3          | 0.36        | 4.6         | 0.45         | 5.4          | 0.57        | 7.7         | NE   | 41 |
|     | 02 | 0.20         | 5.4          | 0.34        | 7.3         | 0.43         | 7.5          | 0.61        | 7.5         | NE   | 37 |
|     | 04 | 0.19         | 5.8          | 0.31        | 7.3         | 0.41         | 7.3          | 0.54        | 7.2         | N    | 4  |
|     | 06 | 0.28         | 6.0          | 0.44        | 7.2         | 0.54         | 7.2          | 0.70        | 6.1         | NE   | 37 |
|     | 08 | 0.29         | 5.3          | 0.45        | 6.4         | 0.56         | 6.3          | 0.75        | 6.8         | NNE  | 16 |
|     | 10 | 0.29         | 5.2          | 0.47        | 6.4         | 0.61         | 6.6          | * 0.92      | 6.2         | NNE  | 16 |
|     | 12 | 0.30         | 5.6          | 0.48        | 6.9         | 0.58         | 6.6          | 0.71        | 6.6         | NNE  | 12 |
|     | 14 | 0.25         | 5.6          | 0.41        | 7.1         | 0.52         | 7.1          | 0.71        | 7.3         | NE   | 37 |
|     | 16 | 0.23         | 5.7          | 0.36        | 7.0         | 0.45         | 6.7          | 0.55        | 6.0         | NNE  | 16 |
|     | 18 | 0.26         | 5.9          | 0.38        | 6.7         | 0.48         | 6.6          | 0.67        | 6.4         | NNE  | 20 |
|     | 20 | * 0.34       | 3.1          | * 0.54      | 4.0         | * 0.67       | 4.0          | 0.92        | 4.8         | NNE  | 16 |
|     | 22 | 0.28         | 3.5          | 0.42        | 4.4         | 0.50         | 4.6          | 0.63        | 4.6         | NE   | 45 |
|     | 最大 | 0.34         | 3.1          | 0.54        | 4.0         | 0.67         | 4.0          | 0.92        | 6.2         |      |    |
|     | 平均 | 0.26         | 5.0          | 0.41        | 6.3         | 0.52         | 6.3          | 0.69        | 6.4         |      |    |
| 12  | 00 | 0.22         | 3.6          | 0.32        | 4.2         | 0.39         | 4.3          | 0.53        | 3.6         | NE   | 45 |
|     | 02 | 0.18         | 3.8          | 0.28        | 4.7         | 0.34         | 5.2          | 0.49        | 3.0         | NNE  | 33 |
|     | 04 | 0.20         | 4.6          | 0.31        | 6.5         | 0.39         | 6.7          | 0.59        | 6.6         | NNE  | 25 |
|     | 06 | * 0.23       | 5.1          | * 0.35      | 7.1         | * 0.45       | 7.6          | 0.61        | 8.0         | NNE  | 29 |
|     | 08 | 0.18         | 4.8          | 0.29        | 6.9         | 0.35         | 7.0          | 0.48        | 6.9         | ENE  | 70 |
|     | 10 | 0.18         | 4.4          | 0.28        | 6.2         | 0.36         | 6.9          | 0.45        | 6.9         | NNE  | 20 |
|     | 12 | 0.18         | 3.6          | 0.28        | 5.3         | 0.34         | 6.4          | 0.44        | 7.4         | NNE  | 20 |
|     | 14 | 0.20         | 3.5          | 0.31        | 4.9         | 0.39         | 5.4          | 0.48        | 2.8         | NNE  | 29 |
|     | 16 | 0.20         | 3.8          | 0.33        | 5.7         | 0.42         | 6.9          | * 0.67      | 7.3         | NE   | 45 |
|     | 18 | 0.18         | 4.2          | 0.29        | 6.1         | 0.37         | 6.5          | 0.46        | 6.2         | N    | 8  |
|     | 20 | 0.18         | 5.1          | 0.28        | 6.7         | 0.36         | 6.7          | 0.65        | 6.8         | NNE  | 25 |
|     | 22 | 0.14         | 5.0          | 0.21        | 6.1         | 0.26         | 6.2          | 0.36        | 4.8         | NNE  | 25 |
|     | 最大 | 0.23         | 5.1          | 0.35        | 7.1         | 0.45         | 7.6          | 0.67        | 7.3         |      |    |
|     | 平均 | 0.19         | 4.3          | 0.29        | 5.9         | 0.37         | 6.3          | 0.52        | 5.9         |      |    |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 2月

| 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  | 326 回 |
| 欠測回数  | 0 回   | 欠測回数  | 10 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 13 | 00 | 0.15   | 4.2   | 0.24   | 5.5  | 0.30   | 5.6   | 0.41   | 4.9  | NNE  | 12  |
|    | 02 | * 0.17 | 4.5   | * 0.26 | 5.6  | * 0.33 | 5.6   | * 0.41 | 5.3  | NNE  | 20  |
|    | 04 | 0.14   | 4.0   | 0.23   | 5.3  | 0.28   | 5.8   | 0.37   | 6.5  | NNW  | 348 |
|    | 06 | 0.13   | 4.1   | 0.21   | 5.2  | 0.27   | 5.5   | 0.38   | 6.0  | NE   | 37  |
|    | 08 | 0.13   | 3.9   | 0.19   | 5.0  | 0.24   | 5.0   | 0.31   | 4.9  | NE   | 41  |
|    | 10 | 0.14   | 3.5   | 0.22   | 4.3  | 0.27   | 4.2   | 0.33   | 4.6  | ENE  | 70  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 12 | 0.15   | 2.9   | 0.24   | 3.9  | 0.30   | 4.4   | 0.39   | 2.6  | NNE  | 16  |
|    | 14 | 0.10   | 3.5   | 0.15   | 4.6  | 0.17   | 4.6   | 0.26   | 3.9  | 欠測   | 欠測  |
|    | 16 | 0.11   | 3.5   | 0.16   | 4.8  | 0.20   | 5.1   | 0.28   | 5.0  | NE   | 53  |
|    | 18 | 0.12   | 2.8   | 0.18   | 3.4  | 0.22   | 3.8   | 0.30   | 2.3  | NE   | 37  |
|    | 20 | 0.09   | 3.3   | 0.13   | 4.6  | 0.16   | 4.5   | 0.24   | 4.6  | NE   | 49  |
|    | 22 | 0.09   | 3.0   | 0.14   | 3.7  | 0.18   | 4.2   | 0.24   | 1.4  | 欠測   | 欠測  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 最大 | 0.17   | 4.5   | 0.26   | 5.6  | 0.33   | 5.6   | 0.41   | 5.3  |      |     |
|    | 平均 | 0.13   | 3.6   | 0.20   | 4.7  | 0.24   | 4.9   | 0.33   | 4.3  |      |     |
| 14 | 00 | 0.11   | 2.2   | 0.17   | 2.6  | * 0.22 | 2.5   | 0.30   | 1.6  | NE   | 42  |
|    | 02 | 0.09   | 2.5   | 0.13   | 3.6  | 0.17   | 3.9   | 0.23   | 1.3  | NW   | 315 |
|    | 04 | 0.07   | 3.1   | 0.10   | 4.8  | 0.13   | 5.5   | 0.19   | 5.5  | NE   | 45  |
|    | 06 | 0.08   | 2.6   | 0.12   | 3.5  | 0.15   | 3.9   | 0.20   | 1.8  | NNE  | 33  |
|    | 08 | 0.09   | 2.6   | 0.13   | 3.6  | 0.16   | 3.8   | 0.23   | 6.2  | 欠測   | 欠測  |
|    | 10 | 0.10   | 2.2   | 0.16   | 2.5  | 0.21   | 2.3   | * 0.32 | 1.8  | NNE  | 16  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 12 | 0.07   | 2.7   | 0.10   | 3.8  | 0.13   | 4.1   | 0.16   | 5.4  | 欠測   | 欠測  |
|    | 14 | 0.08   | 2.8   | 0.12   | 3.6  | 0.16   | 4.2   | 0.20   | 4.4  | 欠測   | 欠測  |
|    | 16 | * 0.12 | 2.4   | * 0.18 | 2.6  | 0.21   | 2.6   | 0.28   | 2.3  | E    | 89  |
|    | 18 | 0.11   | 2.4   | 0.16   | 2.5  | 0.19   | 2.4   | 0.26   | 2.0  | NE   | 55  |
|    | 20 | 0.08   | 2.5   | 0.12   | 2.8  | 0.13   | 2.9   | 0.16   | 2.9  | NE   | 37  |
|    | 22 | 0.06   | 2.7   | 0.09   | 3.4  | 0.11   | 3.1   | 0.16   | 1.9  | NNE  | 12  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 最大 | 0.12   | 2.4   | 0.18   | 2.6  | 0.22   | 2.5   | 0.32   | 1.8  |      |     |
|    | 平均 | 0.09   | 2.6   | 0.13   | 3.3  | 0.16   | 3.4   | 0.22   | 3.1  |      |     |
| 15 | 00 | 0.08   | 2.9   | 0.12   | 4.1  | 0.14   | 4.0   | 0.18   | 3.7  | N    | 352 |
|    | 02 | 0.05   | 3.1   | 0.08   | 4.2  | 0.10   | 4.7   | 0.15   | 3.6  | 欠測   | 欠測  |
|    | 04 | 0.07   | 2.9   | 0.10   | 3.9  | 0.13   | 4.1   | 0.17   | 3.2  | NW   | 311 |
|    | 06 | 0.07   | 2.6   | 0.11   | 3.1  | 0.14   | 3.1   | 0.23   | 2.5  | N    | 11  |
|    | 08 | 0.09   | 2.3   | 0.13   | 2.6  | 0.16   | 2.5   | 0.24   | 3.9  | NW   | 324 |
|    | 10 | 0.08   | 2.6   | 0.12   | 3.1  | 0.15   | 3.2   | 0.19   | 6.8  | N    | 359 |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 12 | 0.08   | 2.7   | 0.12   | 3.3  | 0.14   | 3.6   | 0.23   | 3.4  | 欠測   | 欠測  |
|    | 14 | 0.21   | 2.7   | 0.32   | 2.9  | 0.40   | 2.9   | 0.61   | 2.8  | N    | 350 |
|    | 16 | 0.12   | 3.0   | 0.18   | 3.2  | 0.22   | 3.2   | 0.32   | 3.0  | ENE  | 61  |
|    | 18 | 0.06   | 2.5   | 0.09   | 3.2  | 0.11   | 3.7   | 0.12   | 6.6  | 欠測   | 欠測  |
|    | 20 | 0.17   | 2.1   | 0.26   | 2.1  | 0.34   | 2.0   | 0.59   | 2.2  | NE   | 48  |
|    | 22 | * 0.34 | 2.5   | * 0.53 | 2.7  | * 0.68 | 2.7   | * 0.88 | 2.4  | NW   | 319 |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 最大 | 0.34   | 2.5   | 0.53   | 2.7  | 0.68   | 2.7   | 0.88   | 2.4  |      |     |
|    | 平均 | 0.12   | 2.7   | 0.18   | 3.2  | 0.23   | 3.3   | 0.33   | 3.7  |      |     |
| 16 | 00 | 0.48   | 3.1   | 0.72   | 3.3  | 0.90   | 3.4   | 1.25   | 3.1  | WNW  | 295 |
|    | 02 | 0.42   | 2.9   | 0.64   | 3.2  | 0.81   | 3.3   | 1.18   | 3.2  | WNW  | 299 |
|    | 04 | 0.39   | 3.2   | 0.62   | 3.6  | 0.81   | 3.4   | 1.14   | 3.0  | NW   | 315 |
|    | 06 | 0.57   | 5.9   | 0.95   | 8.8  | 1.29   | 9.4   | 1.86   | 9.3  | N    | 8   |
|    | 08 | 0.58   | 5.4   | 0.97   | 8.5  | 1.21   | 9.2   | 1.68   | 8.2  | N    | 4   |
|    | 10 | 0.60   | 5.3   | 1.02   | 9.0  | 1.32   | 9.7   | 2.18   | 9.4  | NNE  | 12  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 12 | * 0.73 | 5.2   | * 1.26 | 8.6  | * 1.82 | 11.5  | * 2.42 | 11.1 | N    | 356 |
|    | 14 | 0.62   | 4.5   | 0.98   | 6.9  | 1.24   | 9.0   | 1.68   | 12.5 | NNW  | 344 |
|    | 16 | 0.46   | 4.1   | 0.72   | 6.4  | 0.94   | 9.2   | 1.25   | 11.0 | NNW  | 335 |
|    | 18 | 0.41   | 6.8   | 0.68   | 11.2 | 0.85   | 11.9  | 1.01   | 10.6 | N    | 352 |
|    | 20 | 0.47   | 7.2   | 0.89   | 11.8 | 1.20   | 12.1  | 1.46   | 11.7 | NNW  | 344 |
|    | 22 | 0.60   | 6.5   | 1.07   | 10.9 | 1.40   | 11.7  | 1.80   | 12.2 | N    | 4   |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 最大 | 0.73   | 5.2   | 1.26   | 8.6  | 1.82   | 11.5  | 2.42   | 11.1 |      |     |
|    | 平均 | 0.53   | 5.0   | 0.88   | 7.7  | 1.15   | 8.7   | 1.58   | 8.8  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 2月

| 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  | 326 回 |
| 欠測回数  | 0 回   | 欠測回数  | 10 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 17 | 00 | 0.51         | 7.2          | 0.92        | 11.8        | 1.22         | 12.3         | 1.63        | 13.8        | N    | 356 |
|    | 02 | 0.63         | 9.5          | 1.03        | 12.2        | 1.38         | 12.6         | 1.78        | 13.1        | NNW  | 348 |
|    | 04 | 0.93         | 9.7          | 1.58        | 12.3        | 2.11         | 12.1         | 2.58        | 12.0        | N    | 352 |
|    | 06 | 0.81         | 9.2          | 1.35        | 12.2        | 1.75         | 12.2         | 2.11        | 12.0        | N    | 0   |
|    | 08 | 0.88         | 9.0          | 1.52        | 12.6        | 1.89         | 12.3         | 2.16        | 11.5        | N    | 352 |
|    | 10 | 0.83         | 8.1          | 1.41        | 11.9        | 1.84         | 12.1         | 2.57        | 12.9        | N    | 8   |
|    | 12 | 0.79         | 7.6          | 1.39        | 11.8        | 1.82         | 12.2         | 2.07        | 12.3        | NNE  | 16  |
|    | 14 | * 1.05       | 7.9          | * 1.93      | 12.3        | * 2.62       | 13.0         | * 3.26      | 13.8        | NNW  | 344 |
|    | 16 | 0.96         | 8.7          | 1.80        | 13.0        | 2.50         | 13.4         | 3.11        | 13.8        | NNW  | 344 |
|    | 18 | 0.89         | 9.9          | 1.56        | 12.9        | 2.06         | 13.4         | 2.60        | 12.4        | NNW  | 348 |
|    | 20 | 0.83         | 9.1          | 1.38        | 12.5        | 1.76         | 12.7         | 1.97        | 13.7        | NNW  | 340 |
|    | 22 | 0.83         | 8.4          | 1.42        | 12.0        | 1.90         | 12.8         | 2.33        | 12.6        | NNW  | 335 |
|    | 最大 | 1.05         | 7.9          | 1.93        | 12.3        | 2.62         | 13.0         | 3.26        | 13.8        |      |     |
|    | 平均 | 0.83         | 8.7          | 1.44        | 12.3        | 1.90         | 12.6         | 2.35        | 12.8        |      |     |
| 18 | 00 | 0.97         | 9.7          | 1.61        | 13.2        | 2.15         | 13.8         | * 2.95      | 12.9        | N    | 4   |
|    | 02 | 0.79         | 6.7          | 1.41        | 11.4        | 1.99         | 13.8         | 2.87        | 14.1        | NNW  | 335 |
|    | 04 | 0.73         | 8.6          | 1.28        | 13.4        | 1.60         | 13.2         | 1.85        | 13.7        | NNW  | 331 |
|    | 06 | 0.64         | 9.8          | 1.08        | 13.5        | 1.36         | 13.3         | 1.85        | 14.6        | NW   | 311 |
|    | 08 | 0.48         | 8.6          | 0.80        | 12.9        | 1.04         | 13.4         | 1.29        | 13.8        | NW   | 323 |
|    | 10 | 0.45         | 6.2          | 0.78        | 10.9        | 1.02         | 12.3         | 1.21        | 11.4        | NW   | 323 |
|    | 12 | 0.73         | 8.1          | 1.26        | 12.4        | 1.53         | 12.9         | 2.05        | 11.2        | NNW  | 340 |
|    | 14 | 1.04         | 10.6         | 1.70        | 13.6        | 2.07         | 13.7         | 2.39        | 13.8        | NNW  | 344 |
|    | 16 | * 1.12       | 10.8         | * 1.83      | 13.7        | * 2.19       | 13.5         | 2.41        | 13.3        | N    | 356 |
|    | 18 | 0.70         | 7.4          | 1.23        | 11.8        | 1.62         | 13.3         | 1.87        | 13.8        | NNW  | 335 |
|    | 20 | 0.77         | 9.4          | 1.35        | 13.1        | 1.75         | 13.0         | 2.18        | 13.8        | NNW  | 344 |
|    | 22 | 0.95         | 10.4         | 1.54        | 12.9        | 1.87         | 13.3         | 2.36        | 12.5        | NNW  | 327 |
|    | 最大 | 1.12         | 10.8         | 1.83        | 13.7        | 2.19         | 13.5         | 2.95        | 12.9        |      |     |
|    | 平均 | 0.78         | 8.9          | 1.32        | 12.7        | 1.68         | 13.3         | 2.11        | 13.2        |      |     |
| 19 | 00 | 0.77         | 9.7          | 1.22        | 12.6        | 1.54         | 12.6         | 2.10        | 12.5        | N    | 8   |
|    | 02 | 0.90         | 10.6         | 1.43        | 13.4        | 1.83         | 13.4         | 2.13        | 13.7        | NNW  | 335 |
|    | 04 | 0.83         | 10.0         | 1.44        | 13.5        | 1.83         | 13.2         | 2.34        | 13.2        | NNW  | 331 |
|    | 06 | * 1.08       | 11.3         | * 1.70      | 14.0        | * 2.03       | 13.8         | * 2.65      | 13.9        | NNW  | 335 |
|    | 08 | 0.77         | 9.8          | 1.29        | 12.2        | 1.55         | 12.3         | 1.84        | 12.1        | N    | 4   |
|    | 10 | 0.56         | 9.0          | 0.95        | 12.1        | 1.24         | 12.2         | 1.59        | 13.1        | NNW  | 340 |
|    | 12 | 0.45         | 8.8          | 0.73        | 11.5        | 0.87         | 11.8         | 1.14        | 11.9        | NNE  | 12  |
|    | 14 | 0.64         | 10.5         | 1.03        | 11.9        | 1.38         | 12.1         | 1.62        | 11.6        | N    | 352 |
|    | 16 | 0.50         | 8.9          | 0.87        | 11.9        | 1.12         | 12.1         | 1.37        | 11.5        | N    | 4   |
|    | 18 | 0.53         | 9.7          | 0.86        | 12.4        | 1.09         | 12.2         | 1.30        | 11.8        | N    | 356 |
|    | 20 | 0.46         | 8.5          | 0.78        | 11.8        | 1.06         | 11.9         | 1.37        | 13.0        | NNE  | 12  |
|    | 22 | 0.39         | 7.9          | 0.71        | 11.7        | 0.88         | 11.9         | 1.25        | 11.3        | N    | 356 |
|    | 最大 | 1.08         | 11.3         | 1.70        | 14.0        | 2.03         | 13.8         | 2.65        | 13.9        |      |     |
|    | 平均 | 0.66         | 9.6          | 1.08        | 12.4        | 1.37         | 12.5         | 1.73        | 12.5        |      |     |
| 20 | 00 | * 0.36       | 7.4          | * 0.64      | 11.1        | * 0.79       | 11.5         | * 0.89      | 12.0        | NNE  | 16  |
|    | 02 | 0.26         | 6.8          | 0.46        | 11.3        | 0.62         | 11.7         | 0.87        | 11.0        | N    | 0   |
|    | 04 | 0.28         | 5.5          | 0.46        | 9.6         | 0.60         | 10.8         | 0.88        | 11.3        | N    | 0   |
|    | 06 | 0.19         | 3.3          | 0.29        | 4.7         | 0.37         | 6.6          | 0.47        | 11.2        | N    | 4   |
|    | 08 | 0.16         | 3.6          | 0.25        | 5.7         | 0.33         | 7.5          | 0.42        | 1.6         | N    | 4   |
|    | 10 | 0.15         | 3.0          | 0.24        | 4.2         | 0.31         | 4.7          | 0.49        | 1.8         | N    | 8   |
|    | 12 | 0.15         | 3.5          | 0.24        | 5.1         | 0.30         | 7.1          | 0.47        | 10.2        | N    | 8   |
|    | 14 | 0.18         | 2.7          | 0.27        | 3.3         | 0.35         | 3.4          | 0.60        | 1.8         | NNW  | 348 |
|    | 16 | 0.18         | 2.6          | 0.26        | 3.0         | 0.33         | 3.3          | 0.47        | 2.2         | WNW  | 300 |
|    | 18 | 0.13         | 3.9          | 0.20        | 6.3         | 0.25         | 7.9          | 0.36        | 10.1        | N    | 4   |
|    | 20 | 0.15         | 3.7          | 0.22        | 5.6         | 0.27         | 7.6          | 0.41        | 9.6         | N    | 4   |
|    | 22 | 0.21         | 3.6          | 0.32        | 4.9         | 0.38         | 6.2          | 0.47        | 7.9         | N    | 0   |
|    | 最大 | 0.36         | 7.4          | 0.64        | 11.1        | 0.79         | 11.5         | 0.89        | 12.0        |      |     |
|    | 平均 | 0.20         | 4.1          | 0.32        | 6.2         | 0.41         | 7.4          | 0.57        | 7.6         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 2月

| 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  | 326 回 |
| 欠測回数  | 0 回   | 欠測回数  | 10 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |     |
| 21 | 00 | 0.17   | 4.6   | 0.26   | 7.0  | 0.34   | 8.7   | 0.51   | 9.4  | NNE  | 16  |     |
|    | 02 | 0.15   | 5.0   | 0.25   | 8.4  | 0.30   | 9.2   | 0.37   | 8.2  | NNE  | 16  |     |
|    | 04 | 0.15   | 4.2   | 0.26   | 6.8  | 0.33   | 8.3   | 0.44   | 9.3  | NNW  | 344 |     |
|    | 06 | 0.16   | 3.9   | 0.26   | 6.3  | 0.33   | 7.7   | 0.41   | 8.6  | NNE  | 16  |     |
|    | 08 | 0.14   | 3.8   | 0.22   | 6.3  | 0.29   | 8.0   | 0.38   | 9.5  | NNE  | 16  |     |
|    | 10 | 0.12   | 4.9   | 0.20   | 7.8  | 0.25   | 9.2   | 0.35   | 7.8  | NNE  | 20  |     |
|    | 12 | 0.12   | 5.2   | 0.18   | 7.9  | 0.22   | 8.9   | 0.33   | 8.5  | NNE  | 20  |     |
|    | 14 | * 0.31 | 2.9   | * 0.48 | 3.1  | * 0.62 | 2.9   | * 0.91 | 2.9  | NE   | 46  |     |
|    | 16 | 0.17   | 3.2   | 0.25   | 4.0  | 0.31   | 4.4   | 0.46   | 2.5  | N    | 4   |     |
|    | 18 | 0.13   | 3.7   | 0.20   | 5.7  | 0.26   | 7.9   | 0.41   | 10.1 | E    | 90  |     |
|    | 20 | 0.14   | 5.5   | 0.23   | 7.6  | 0.31   | 7.7   | 0.41   | 8.9  | NNE  | 20  |     |
|    | 22 | 0.15   | 4.5   | 0.24   | 7.5  | 0.31   | 8.4   | 0.42   | 8.3  | NNW  | 348 |     |
|    | 最大 | 0.31   | 2.9   | 0.48   | 3.1  | 0.62   | 2.9   | 0.91   | 2.9  |      |     |     |
|    | 平均 | 0.16   | 4.3   | 0.25   | 6.5  | 0.32   | 7.6   | 0.45   | 7.8  |      |     |     |
|    | 22 | 00     | 0.17  | 5.2    | 0.30 | 7.9    | 0.40  | 8.2    | 0.51 | 7.8  | N   | 0   |
|    |    | 02     | 0.21  | 4.2    | 0.34 | 6.5    | 0.44  | 8.1    | 0.60 | 8.6  | N   | 4   |
| 04 |    | 0.17   | 4.2   | 0.27   | 6.8  | 0.37   | 7.5   | 0.48   | 7.5  | NE   | 37  |     |
| 06 |    | 0.20   | 5.4   | 0.34   | 8.2  | 0.43   | 8.7   | 0.61   | 8.9  | NNE  | 29  |     |
| 08 |    | 0.14   | 4.6   | 0.25   | 7.6  | 0.31   | 8.1   | 0.43   | 8.1  | NNE  | 20  |     |
| 10 |    | 0.17   | 5.6   | 0.30   | 8.4  | 0.37   | 8.5   | 0.45   | 8.8  | NNE  | 33  |     |
| 12 |    | 0.23   | 3.0   | 0.36   | 3.8  | 0.46   | 4.2   | 0.63   | 2.3  | NE   | 37  |     |
| 14 |    | * 0.40 | 2.8   | * 0.60 | 2.9  | * 0.76 | 2.8   | * 1.10 | 3.0  | NE   | 44  |     |
| 16 |    | 0.16   | 2.9   | 0.23   | 4.0  | 0.28   | 4.0   | 0.33   | 2.4  | NE   | 41  |     |
| 18 |    | 0.12   | 4.8   | 0.20   | 7.4  | 0.26   | 7.6   | 0.31   | 8.3  | NNE  | 29  |     |
| 20 |    | 0.11   | 4.8   | 0.17   | 7.3  | 0.22   | 7.6   | 0.31   | 8.2  | NE   | 49  |     |
| 22 |    | 0.12   | 3.7   | 0.18   | 5.7  | 0.23   | 7.0   | 0.29   | 6.4  | 欠測   | 欠測  |     |
| 最大 |    | 0.40   | 2.8   | 0.60   | 2.9  | 0.76   | 2.8   | 1.10   | 3.0  |      |     |     |
| 平均 |    | 0.18   | 4.3   | 0.30   | 6.4  | 0.38   | 6.9   | 0.50   | 6.7  |      |     |     |
| 23 |    | 00     | 0.13  | 3.8    | 0.21 | 5.6    | 0.26  | 6.1    | 0.45 | 8.6  | NNE | 20  |
|    |    | 02     | 0.20  | 3.0    | 0.30 | 3.6    | 0.36  | 4.1    | 0.47 | 5.0  | N   | 352 |
|    | 04 | 0.43   | 3.1   | 0.66   | 3.4  | 0.83   | 3.4   | 1.14   | 3.5  | NNW  | 331 |     |
|    | 06 | 0.41   | 3.2   | 0.62   | 3.7  | 0.79   | 3.6   | 1.01   | 3.5  | NNW  | 348 |     |
|    | 08 | 0.44   | 3.5   | 0.68   | 4.2  | 0.85   | 4.4   | 1.05   | 3.6  | N    | 0   |     |
|    | 10 | 0.44   | 3.8   | 0.68   | 4.7  | 0.82   | 4.7   | 1.09   | 4.3  | NNE  | 20  |     |
|    | 12 | 0.50   | 3.8   | 0.77   | 4.9  | 0.95   | 5.1   | 1.43   | 3.6  | NNE  | 29  |     |
|    | 14 | * 0.67 | 4.8   | * 1.08 | 6.8  | * 1.36 | 7.0   | 1.66   | 6.4  | NNE  | 25  |     |
|    | 16 | 0.61   | 4.3   | 0.94   | 6.0  | 1.21   | 7.0   | * 1.87 | 8.0  | NNE  | 16  |     |
|    | 18 | 0.46   | 4.2   | 0.76   | 6.1  | 0.97   | 6.9   | 1.37   | 7.5  | NNE  | 16  |     |
|    | 20 | 0.42   | 4.2   | 0.65   | 5.8  | 0.81   | 7.1   | 1.24   | 8.1  | N    | 8   |     |
|    | 22 | 0.39   | 5.0   | 0.63   | 7.4  | 0.81   | 8.4   | 0.98   | 9.1  | N    | 4   |     |
|    | 最大 | 0.67   | 4.8   | 1.08   | 6.8  | 1.36   | 7.0   | 1.87   | 8.0  |      |     |     |
|    | 平均 | 0.42   | 3.9   | 0.66   | 5.2  | 0.84   | 5.6   | 1.15   | 5.9  |      |     |     |
|    | 24 | 00     | 0.42  | 5.1    | 0.66 | 7.2    | 0.80  | 7.9    | 1.07 | 8.6  | NNE | 20  |
|    |    | 02     | 0.44  | 5.1    | 0.71 | 7.6    | 0.88  | 8.2    | 1.07 | 7.7  | NNE | 12  |
| 04 |    | 0.47   | 5.6   | 0.76   | 8.0  | 0.95   | 9.2   | 1.18   | 9.6  | NNE  | 25  |     |
| 06 |    | 0.48   | 6.6   | 0.75   | 8.3  | 0.92   | 8.8   | 1.21   | 10.0 | NNE  | 12  |     |
| 08 |    | 0.51   | 6.7   | 0.84   | 8.6  | 1.05   | 8.5   | 1.30   | 7.6  | NNE  | 25  |     |
| 10 |    | 0.49   | 6.9   | 0.75   | 8.3  | 0.93   | 8.2   | 1.09   | 7.7  | NNE  | 12  |     |
| 12 |    | 0.49   | 6.8   | 0.79   | 8.6  | 0.97   | 8.5   | 1.20   | 8.4  | NNE  | 16  |     |
| 14 |    | 0.51   | 6.8   | 0.80   | 8.5  | 0.98   | 8.2   | 1.33   | 8.7  | NNE  | 16  |     |
| 16 |    | 0.52   | 6.8   | 0.85   | 8.8  | 1.10   | 9.2   | 1.41   | 9.1  | NNE  | 25  |     |
| 18 |    | 0.59   | 6.5   | 0.98   | 8.9  | 1.23   | 9.7   | 1.54   | 9.4  | NNE  | 16  |     |
| 20 |    | 0.75   | 7.0   | 1.19   | 9.7  | 1.41   | 9.7   | * 2.20 | 9.1  | NNE  | 16  |     |
| 22 |    | * 0.84 | 7.5   | * 1.31 | 9.6  | * 1.61 | 10.0  | 1.84   | 9.4  | NNE  | 20  |     |
| 最大 |    | 0.84   | 7.5   | 1.31   | 9.6  | 1.61   | 10.0  | 2.20   | 9.1  |      |     |     |
| 平均 |    | 0.54   | 6.4   | 0.87   | 8.5  | 1.07   | 8.8   | 1.37   | 8.8  |      |     |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 2月

| 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  | 326 回 |
| 欠測回数  | 0 回   | 欠測回数  | 10 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 25  | 00 | * 0.79       | 7.0          | * 1.28      | 9.7         | * 1.52       | 9.9          | * 1.95      | 9.2         | NNE  | 12  |
|     | 02 | 0.65         | 6.8          | 1.06        | 9.0         | 1.31         | 9.2          | 1.55        | 8.7         | NNE  | 16  |
|     | 04 | 0.58         | 6.7          | 0.92        | 8.6         | 1.12         | 8.1          | 1.39        | 8.5         | NNE  | 12  |
|     | 06 | 0.64         | 6.9          | 1.08        | 9.3         | 1.34         | 9.3          | 1.78        | 8.2         | NNE  | 20  |
|     | 08 | 0.58         | 7.5          | 0.89        | 9.4         | 1.10         | 9.4          | 1.57        | 7.8         | NNE  | 20  |
|     | 10 | 0.51         | 6.2          | 0.83        | 8.6         | 1.04         | 8.8          | 1.38        | 9.2         | NNE  | 25  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.57         | 7.3          | 0.93        | 9.1         | 1.13         | 9.1          | 1.56        | 9.3         | NNE  | 20  |
|     | 14 | 0.43         | 5.4          | 0.76        | 8.6         | 0.98         | 8.7          | 1.22        | 9.3         | NNE  | 16  |
|     | 16 | 0.44         | 5.6          | 0.72        | 8.1         | 0.90         | 8.3          | 1.14        | 9.2         | NNE  | 25  |
|     | 18 | 0.44         | 5.3          | 0.72        | 7.9         | 0.91         | 8.0          | 1.19        | 8.4         | NNE  | 20  |
|     | 20 | 0.34         | 5.8          | 0.55        | 7.6         | 0.69         | 8.1          | 0.96        | 7.4         | NNE  | 16  |
|     | 22 | 0.36         | 6.7          | 0.56        | 8.3         | 0.72         | 8.5          | 0.97        | 8.4         | NNE  | 20  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.79         | 7.0          | 1.28        | 9.7         | 1.52         | 9.9          | 1.95        | 9.2         |      |     |
|     | 平均 | 0.53         | 6.4          | 0.86        | 8.7         | 1.06         | 8.8          | 1.39        | 8.6         |      |     |
| 26  | 00 | 0.26         | 6.2          | 0.44        | 8.1         | 0.57         | 8.3          | 0.69        | 7.8         | NNE  | 16  |
|     | 02 | 0.24         | 6.3          | 0.39        | 8.1         | 0.51         | 8.2          | 0.67        | 7.5         | NNE  | 12  |
|     | 04 | 0.22         | 6.6          | 0.36        | 7.9         | 0.43         | 8.2          | 0.52        | 7.5         | NNE  | 33  |
|     | 06 | 0.20         | 4.2          | 0.33        | 6.8         | 0.45         | 7.7          | 0.67        | 7.5         | NNE  | 25  |
|     | 08 | 0.21         | 3.2          | 0.33        | 4.3         | 0.40         | 5.0          | 0.55        | 7.5         | NNE  | 33  |
|     | 10 | 0.32         | 3.4          | 0.48        | 4.2         | 0.61         | 4.4          | 0.85        | 6.1         | NNE  | 29  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.30         | 3.6          | 0.45        | 4.6         | 0.56         | 5.0          | 0.81        | 4.2         | NNE  | 29  |
|     | 14 | 0.38         | 3.5          | 0.58        | 4.1         | 0.71         | 4.5          | 0.94        | 4.1         | N    | 8   |
|     | 16 | 0.36         | 3.6          | 0.55        | 4.4         | 0.68         | 4.5          | 0.84        | 3.6         | NNE  | 16  |
|     | 18 | 0.30         | 3.7          | 0.47        | 5.1         | 0.60         | 5.6          | 0.76        | 5.1         | NNE  | 25  |
|     | 20 | 0.32         | 3.5          | 0.49        | 4.7         | 0.61         | 5.1          | 0.82        | 5.5         | NNE  | 25  |
|     | 22 | * 0.47       | 3.4          | * 0.73      | 4.0         | * 0.91       | 4.0          | * 1.27      | 3.4         | NE   | 37  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.47         | 3.4          | 0.73        | 4.0         | 0.91         | 4.0          | 1.27        | 3.4         |      |     |
|     | 平均 | 0.30         | 4.3          | 0.47        | 5.5         | 0.59         | 5.9          | 0.78        | 5.8         |      |     |
| 27  | 00 | 0.51         | 3.7          | 0.79        | 4.3         | 1.02         | 4.4          | 1.45        | 4.5         | NNW  | 348 |
|     | 02 | 0.55         | 3.4          | 0.86        | 4.1         | 1.10         | 4.0          | 1.68        | 4.3         | NNE  | 12  |
|     | 04 | 0.61         | 3.7          | 0.96        | 4.4         | 1.24         | 4.6          | 1.82        | 4.3         | NNE  | 25  |
|     | 06 | 0.67         | 3.9          | 1.04        | 4.4         | 1.28         | 4.6          | 1.88        | 4.1         | NNE  | 16  |
|     | 08 | 0.57         | 3.9          | 0.86        | 4.6         | 1.10         | 4.8          | 1.43        | 5.0         | NNE  | 16  |
|     | 10 | 0.69         | 4.1          | 1.06        | 4.9         | 1.31         | 4.9          | 1.57        | 5.4         | N    | 4   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.66         | 4.0          | 1.07        | 5.2         | 1.40         | 5.2          | * 2.10      | 7.5         | NNE  | 16  |
|     | 14 | 0.68         | 4.0          | 1.04        | 5.0         | 1.28         | 4.9          | 1.61        | 6.1         | N    | 4   |
|     | 16 | 0.69         | 4.2          | 1.07        | 5.3         | 1.31         | 5.3          | 1.80        | 6.6         | NNE  | 25  |
|     | 18 | * 0.74       | 4.1          | * 1.17      | 5.0         | * 1.46       | 5.4          | 1.87        | 8.0         | NNE  | 16  |
|     | 20 | 0.63         | 4.5          | 0.99        | 5.7         | 1.23         | 6.6          | 1.62        | 9.4         | NNE  | 16  |
|     | 22 | 0.51         | 5.1          | 0.82        | 7.2         | 1.03         | 7.4          | 1.33        | 8.5         | NNE  | 16  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.74         | 4.1          | 1.17        | 5.0         | 1.46         | 5.4          | 2.10        | 7.5         |      |     |
|     | 平均 | 0.63         | 4.1          | 0.98        | 5.0         | 1.23         | 5.2          | 1.68        | 6.1         |      |     |
| 28  | 00 | 0.44         | 5.2          | 0.69        | 6.7         | 0.83         | 6.6          | 0.94        | 6.4         | N    | 8   |
|     | 02 | * 0.47       | 5.5          | * 0.77      | 7.2         | * 0.99       | 7.6          | * 1.21      | 7.6         | NNE  | 33  |
|     | 04 | 0.44         | 5.8          | 0.71        | 7.3         | 0.88         | 7.5          | 1.10        | 7.2         | NNE  | 16  |
|     | 06 | 0.41         | 5.8          | 0.66        | 7.5         | 0.85         | 7.4          | 1.03        | 7.9         | NNE  | 25  |
|     | 08 | 0.35         | 5.8          | 0.57        | 7.8         | 0.70         | 8.1          | 0.93        | 8.1         | NNE  | 25  |
|     | 10 | 0.34         | 5.4          | 0.55        | 7.5         | 0.68         | 7.7          | 0.93        | 7.1         | N    | 8   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.38         | 5.7          | 0.60        | 7.7         | 0.74         | 7.9          | 0.94        | 9.0         | NNE  | 16  |
|     | 14 | 0.31         | 5.2          | 0.50        | 7.2         | 0.62         | 7.4          | 0.86        | 6.6         | NNE  | 16  |
|     | 16 | 0.31         | 4.4          | 0.51        | 6.7         | 0.63         | 7.2          | 0.80        | 7.3         | N    | 0   |
|     | 18 | 0.28         | 4.7          | 0.45        | 6.7         | 0.57         | 7.3          | 0.75        | 8.1         | NNE  | 20  |
|     | 20 | 0.24         | 4.4          | 0.39        | 6.3         | 0.49         | 7.1          | 0.77        | 6.9         | NNE  | 33  |
|     | 22 | 0.19         | 5.0          | 0.30        | 7.0         | 0.37         | 7.5          | 0.54        | 7.0         | NE   | 41  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.47         | 5.5          | 0.77        | 7.2         | 0.99         | 7.6          | 1.21        | 7.6         |      |     |
|     | 平均 | 0.35         | 5.2          | 0.56        | 7.1         | 0.70         | 7.4          | 0.90        | 7.4         |      |     |
| 月最大 |    | 1.12         | 10.8         | 1.93        | 12.3        | 2.62         | 13.0         | 3.26        | 13.8        |      |     |
|     | 起時 | 1816         |              | 1714        |             | 1714         |              | 1714        |             |      |     |
| 平均  |    | 0.39         | 5.3          | 0.63        | 7.2         | 0.80         | 7.5          | 1.05        | 7.5         |      |     |

波浪整理表（1）

2021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  | 359 回 |
| 欠測回数  | 0 回   | 欠測回数  | 13 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.5 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46′ -40 経度：E 137° -12′ -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 01 | 00 | 0.17   | 5.7   | 0.28   | 8.0  | 0.35   | 8.0   | 0.46   | 8.0  | NNE  | 29  |
|    | 02 | * 0.21 | 3.1   | * 0.32 | 4.3  | * 0.39 | 5.2   | 0.51   | 7.1  | NNE  | 25  |
|    | 04 | 0.14   | 3.2   | 0.22   | 4.6  | 0.29   | 5.7   | 0.44   | 7.0  | ENE  | 70  |
|    | 06 | 0.15   | 2.7   | 0.24   | 3.5  | 0.31   | 3.9   | 0.49   | 1.7  | NNE  | 12  |
|    | 08 | 0.15   | 2.6   | 0.23   | 3.4  | 0.30   | 3.7   | 0.43   | 1.7  | NNE  | 20  |
|    | 10 | 0.16   | 2.5   | 0.24   | 3.0  | 0.30   | 3.1   | 0.46   | 3.7  | NNE  | 22  |
|    | 12 | 0.09   | 3.1   | 0.13   | 4.6  | 0.16   | 5.6   | 0.21   | 5.7  | NNE  | 33  |
|    | 14 | 0.07   | 3.7   | 0.10   | 5.2  | 0.12   | 5.9   | 0.16   | 6.7  | WNW  | 303 |
|    | 16 | 0.09   | 2.6   | 0.14   | 3.5  | 0.17   | 4.4   | 0.26   | 3.1  | NNW  | 344 |
|    | 18 | 0.07   | 3.2   | 0.11   | 4.7  | 0.14   | 5.5   | 0.19   | 6.3  | ENE  | 78  |
|    | 20 | 0.15   | 2.1   | 0.23   | 2.1  | 0.30   | 2.0   | 0.49   | 1.8  | NNE  | 18  |
|    | 22 | 0.16   | 2.1   | 0.26   | 2.0  | 0.34   | 2.0   | * 0.53 | 1.8  | N    | 5   |
|    | 最大 | 0.21   | 3.1   | 0.32   | 4.3  | 0.39   | 5.2   | 0.53   | 1.8  |      |     |
|    | 平均 | 0.13   | 3.1   | 0.21   | 4.1  | 0.26   | 4.6   | 0.39   | 4.5  |      |     |
| 02 | 00 | 0.24   | 2.3   | 0.38   | 2.3  | 0.49   | 2.2   | 0.75   | 2.3  | W    | 273 |
|    | 02 | 0.26   | 2.2   | 0.41   | 2.3  | 0.53   | 2.2   | 0.77   | 2.3  | NW   | 320 |
|    | 04 | 0.36   | 2.5   | 0.55   | 2.6  | 0.69   | 2.5   | 0.89   | 2.8  | ENE  | 67  |
|    | 06 | 0.45   | 2.7   | 0.70   | 2.8  | 0.88   | 2.7   | 1.21   | 3.1  | W    | 276 |
|    | 08 | 0.27   | 2.4   | 0.42   | 2.5  | 0.56   | 2.5   | 0.86   | 2.1  | WNW  | 296 |
|    | 10 | 0.43   | 2.9   | 0.68   | 3.3  | 0.86   | 3.3   | 1.17   | 2.4  | NNW  | 327 |
|    | 12 | 0.40   | 3.1   | 0.60   | 3.2  | 0.75   | 3.1   | 1.01   | 3.1  | NNW  | 327 |
|    | 14 | 0.41   | 3.3   | 0.64   | 4.2  | 0.79   | 4.3   | 1.02   | 2.8  | NNE  | 20  |
|    | 16 | 0.41   | 5.6   | 0.66   | 8.1  | 0.81   | 8.3   | 0.97   | 9.3  | N    | 4   |
|    | 18 | 0.86   | 7.9   | 1.40   | 10.2 | 1.75   | 9.9   | 2.20   | 10.0 | N    | 352 |
|    | 20 | 1.12   | 6.4   | 1.96   | 9.3  | 2.53   | 9.6   | 3.04   | 9.1  | N    | 4   |
|    | 22 | * 1.37 | 6.7   | * 2.29 | 9.5  | * 2.92 | 10.0  | * 3.78 | 10.9 | N    | 8   |
|    | 最大 | 1.37   | 6.7   | 2.29   | 9.5  | 2.92   | 10.0  | 3.78   | 10.9 |      |     |
|    | 平均 | 0.55   | 4.0   | 0.89   | 5.0  | 1.13   | 5.1   | 1.47   | 5.0  |      |     |
| 03 | 00 | 1.46   | 6.6   | 2.34   | 8.9  | 2.87   | 9.7   | 3.45   | 11.5 | N    | 8   |
|    | 02 | 1.77   | 7.2   | 2.91   | 10.1 | 3.52   | 10.9  | 4.29   | 9.5  | N    | 8   |
|    | 04 | 1.76   | 7.4   | 2.90   | 10.2 | 3.70   | 10.5  | 4.39   | 11.7 | N    | 8   |
|    | 06 | * 1.94 | 8.7   | 3.08   | 11.3 | 3.65   | 11.4  | 4.40   | 12.2 | NNE  | 16  |
|    | 08 | 1.93   | 8.4   | * 3.29 | 11.5 | * 4.29 | 11.7  | * 5.39 | 13.0 | NNE  | 16  |
|    | 10 | 1.83   | 9.1   | 3.09   | 11.6 | 3.90   | 12.1  | 4.76   | 11.6 | NNE  | 20  |
|    | 12 | 1.70   | 8.9   | 2.95   | 11.3 | 3.87   | 11.4  | 4.95   | 10.7 | N    | 8   |
|    | 14 | 1.43   | 8.4   | 2.30   | 10.6 | 2.81   | 10.7  | 3.25   | 10.8 | N    | 8   |
|    | 16 | 1.13   | 7.9   | 1.81   | 10.1 | 2.16   | 10.4  | 2.74   | 11.5 | N    | 4   |
|    | 18 | 1.26   | 7.9   | 2.14   | 10.2 | 2.74   | 10.4  | 3.23   | 11.0 | N    | 4   |
|    | 20 | 1.34   | 8.1   | 2.33   | 10.5 | 3.10   | 10.5  | 4.20   | 10.1 | N    | 8   |
|    | 22 | 1.20   | 8.9   | 1.74   | 9.7  | 2.06   | 10.0  | 2.47   | 8.6  | N    | 4   |
|    | 最大 | 1.94   | 8.7   | 3.29   | 11.5 | 4.29   | 11.7  | 5.39   | 13.0 |      |     |
|    | 平均 | 1.56   | 8.1   | 2.57   | 10.5 | 3.22   | 10.8  | 3.96   | 11.0 |      |     |
| 04 | 00 | * 0.94 | 7.8   | * 1.49 | 9.6  | * 1.81 | 9.8   | * 2.13 | 9.3  | N    | 4   |
|    | 02 | 0.72   | 7.4   | 1.17   | 9.2  | 1.56   | 8.9   | 2.09   | 9.7  | N    | 4   |
|    | 04 | 0.58   | 6.9   | 0.96   | 9.1  | 1.20   | 9.1   | 1.69   | 8.8  | N    | 8   |
|    | 06 | 0.50   | 6.4   | 0.84   | 8.3  | 1.05   | 8.9   | 1.43   | 8.3  | NNE  | 20  |
|    | 08 | 0.53   | 6.4   | 0.84   | 8.2  | 1.03   | 8.6   | 1.21   | 8.6  | N    | 8   |
|    | 10 | 0.47   | 6.6   | 0.75   | 8.0  | 0.95   | 8.2   | 1.18   | 8.4  | N    | 0   |
|    | 12 | 0.36   | 5.9   | 0.58   | 7.6  | 0.72   | 7.8   | 1.03   | 8.3  | N    | 4   |
|    | 14 | 0.32   | 5.5   | 0.52   | 7.5  | 0.65   | 7.6   | 0.85   | 7.8  | NNE  | 16  |
|    | 16 | 0.35   | 4.8   | 0.57   | 7.0  | 0.71   | 7.6   | 1.03   | 8.2  | N    | 8   |
|    | 18 | 0.34   | 4.7   | 0.54   | 7.2  | 0.68   | 7.6   | 0.83   | 9.0  | NNE  | 12  |
|    | 20 | 0.24   | 5.1   | 0.39   | 7.2  | 0.51   | 7.2   | 0.78   | 7.7  | NNE  | 12  |
|    | 22 | 0.22   | 4.7   | 0.36   | 6.8  | 0.47   | 7.0   | 0.74   | 7.5  | N    | 0   |
|    | 最大 | 0.94   | 7.8   | 1.49   | 9.6  | 1.81   | 9.8   | 2.13   | 9.3  |      |     |
|    | 平均 | 0.46   | 6.0   | 0.75   | 8.0  | 0.94   | 8.2   | 1.25   | 8.5  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 359 回 |
| 欠測回数  | 0 回   | 欠測回数  | 13 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.5 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 05 | 00 | * 0.22 | 5.0   | * 0.36 | 7.0  | * 0.46 | 7.3   | * 0.54 | 7.7  | N    | 4   |
|    | 02 | 0.18   | 3.3   | 0.28   | 5.0  | 0.36   | 6.3   | 0.54   | 7.1  | N    | 8   |
|    | 04 | 0.15   | 3.7   | 0.25   | 5.9  | 0.32   | 6.6   | 0.48   | 8.0  | NNE  | 33  |
|    | 06 | 0.13   | 3.3   | 0.21   | 4.9  | 0.27   | 5.9   | 0.38   | 7.2  | NNE  | 20  |
|    | 08 | 0.12   | 4.2   | 0.18   | 5.7  | 0.23   | 6.6   | 0.30   | 6.5  | NNE  | 16  |
|    | 10 | 0.10   | 3.3   | 0.16   | 4.4  | 0.20   | 4.7   | 0.25   | 5.2  | E    | 94  |
|    | 12 | 0.09   | 2.8   | 0.14   | 3.8  | 0.17   | 4.4   | 0.24   | 4.0  | NNE  | 29  |
|    | 14 | 0.12   | 2.8   | 0.17   | 3.5  | 0.22   | 3.5   | 0.31   | 3.7  | NE   | 45  |
|    | 16 | 0.08   | 3.5   | 0.12   | 4.7  | 0.15   | 5.0   | 0.18   | 6.9  | N    | 8   |
|    | 18 | 0.08   | 3.5   | 0.12   | 4.8  | 0.15   | 5.8   | 0.22   | 5.1  | ENE  | 57  |
|    | 20 | 0.08   | 3.5   | 0.12   | 4.9  | 0.15   | 5.2   | 0.21   | 3.6  | E    | 94  |
|    | 22 | 0.08   | 3.0   | 0.12   | 4.4  | 0.15   | 5.4   | 0.20   | 6.6  | 欠測   | 欠測  |
|    | 最大 | 0.22   | 5.0   | 0.36   | 7.0  | 0.46   | 7.3   | 0.54   | 7.7  |      |     |
|    | 平均 | 0.12   | 3.5   | 0.19   | 4.9  | 0.24   | 5.6   | 0.32   | 6.0  |      |     |
| 06 | 00 | 0.10   | 3.8   | 0.16   | 5.6  | 0.20   | 6.3   | 0.29   | 4.8  | NE   | 49  |
|    | 02 | 0.11   | 3.8   | 0.17   | 5.2  | 0.21   | 5.7   | 0.27   | 3.0  | N    | 0   |
|    | 04 | 0.11   | 4.0   | 0.17   | 5.6  | 0.21   | 5.9   | 0.28   | 7.7  | ENE  | 70  |
|    | 06 | 0.09   | 3.2   | 0.13   | 4.8  | 0.16   | 5.3   | 0.22   | 7.1  | NNW  | 344 |
|    | 08 | 0.08   | 3.3   | 0.11   | 4.7  | 0.14   | 4.9   | 0.18   | 5.0  | ENE  | 57  |
|    | 10 | 0.19   | 2.3   | 0.30   | 2.4  | 0.39   | 2.4   | 0.60   | 2.2  | E    | 84  |
|    | 12 | 0.76   | 3.7   | 1.20   | 4.1  | 1.54   | 4.0   | 2.03   | 3.9  | N    | 0   |
|    | 14 | 1.10   | 4.6   | 1.65   | 5.2  | 2.18   | 5.1   | 3.02   | 5.2  | NNE  | 20  |
|    | 16 | 1.02   | 4.5   | 1.62   | 5.2  | 2.07   | 5.4   | 3.07   | 5.0  | NNE  | 12  |
|    | 18 | 1.09   | 4.8   | 1.73   | 5.9  | 2.18   | 5.9   | 2.59   | 5.3  | NNE  | 16  |
|    | 20 | 1.08   | 5.2   | 1.76   | 6.7  | 2.23   | 7.0   | 3.18   | 7.3  | NNE  | 16  |
|    | 22 | * 1.30 | 5.8   | * 2.06 | 7.5  | * 2.62 | 7.7   | * 3.80 | 8.6  | NNE  | 12  |
|    | 最大 | 1.30   | 5.8   | 2.06   | 7.5  | 2.62   | 7.7   | 3.80   | 8.6  |      |     |
|    | 平均 | 0.59   | 4.1   | 0.92   | 5.2  | 1.18   | 5.5   | 1.63   | 5.4  |      |     |
| 07 | 00 | 1.25   | 6.0   | 1.97   | 8.0  | 2.46   | 8.5   | 2.87   | 8.5  | NNE  | 20  |
|    | 02 | 1.26   | 5.6   | 1.95   | 7.3  | 2.41   | 8.5   | 2.79   | 10.9 | NNE  | 20  |
|    | 04 | 1.29   | 5.6   | 2.09   | 7.7  | * 2.66 | 8.6   | 3.40   | 7.2  | NNE  | 12  |
|    | 06 | * 1.29 | 5.8   | * 2.09 | 8.1  | 2.63   | 8.8   | * 3.63 | 8.1  | NNE  | 16  |
|    | 08 | 1.00   | 5.6   | 1.58   | 7.9  | 1.92   | 9.0   | 2.69   | 8.6  | NNE  | 29  |
|    | 10 | 1.00   | 6.1   | 1.62   | 8.6  | 2.12   | 9.3   | 2.80   | 11.3 | NNE  | 16  |
|    | 12 | 0.96   | 6.1   | 1.57   | 8.7  | 1.86   | 9.3   | 2.22   | 9.8  | NNE  | 16  |
|    | 14 | 0.92   | 5.8   | 1.49   | 8.2  | 1.90   | 9.0   | 2.86   | 9.2  | NNE  | 12  |
|    | 16 | 0.83   | 5.9   | 1.35   | 8.2  | 1.73   | 8.9   | 2.12   | 9.9  | NNE  | 12  |
|    | 18 | 0.88   | 6.7   | 1.44   | 9.0  | 1.79   | 8.8   | 2.02   | 6.4  | N    | 8   |
|    | 20 | 0.72   | 5.8   | 1.13   | 8.0  | 1.39   | 8.4   | 1.85   | 9.8  | NNE  | 25  |
|    | 22 | 0.73   | 6.1   | 1.16   | 8.5  | 1.48   | 9.1   | 1.86   | 7.6  | NNE  | 12  |
|    | 最大 | 1.29   | 5.8   | 2.09   | 8.1  | 2.66   | 8.6   | 3.63   | 8.1  |      |     |
|    | 平均 | 1.01   | 5.9   | 1.62   | 8.2  | 2.03   | 8.8   | 2.59   | 8.9  |      |     |
| 08 | 00 | 0.62   | 6.1   | 1.00   | 8.5  | 1.27   | 8.6   | 1.96   | 8.7  | NNE  | 20  |
|    | 02 | 0.50   | 5.9   | 0.82   | 7.8  | 1.01   | 8.2   | 1.33   | 8.0  | NNE  | 33  |
|    | 04 | 0.46   | 5.9   | 0.74   | 7.9  | 0.92   | 8.2   | 1.20   | 8.7  | NNE  | 20  |
|    | 06 | 0.48   | 4.8   | 0.78   | 7.2  | 0.99   | 7.8   | 1.46   | 8.0  | N    | 8   |
|    | 08 | 0.52   | 4.0   | 0.83   | 5.4  | 1.03   | 6.1   | 1.50   | 8.5  | NNE  | 20  |
|    | 10 | 0.64   | 4.0   | 0.99   | 4.7  | 1.21   | 4.9   | 1.62   | 4.4  | NNE  | 29  |
|    | 12 | * 0.70 | 3.9   | * 1.10 | 4.9  | * 1.36 | 5.1   | * 1.98 | 4.9  | NNE  | 20  |
|    | 14 | 0.63   | 3.8   | 0.98   | 4.5  | 1.24   | 4.5   | 1.60   | 4.5  | NNE  | 29  |
|    | 16 | 0.55   | 3.6   | 0.86   | 4.3  | 1.08   | 4.3   | 1.39   | 3.8  | NNE  | 16  |
|    | 18 | 0.52   | 3.5   | 0.83   | 4.2  | 1.06   | 4.0   | 1.33   | 3.6  | NE   | 37  |
|    | 20 | 0.46   | 3.6   | 0.71   | 4.1  | 0.87   | 3.8   | 1.17   | 3.1  | NE   | 37  |
|    | 22 | 0.36   | 3.4   | 0.55   | 4.0  | 0.70   | 4.0   | 0.94   | 3.0  | NE   | 37  |
|    | 最大 | 0.70   | 3.9   | 1.10   | 4.9  | 1.36   | 5.1   | 1.98   | 4.9  |      |     |
|    | 平均 | 0.54   | 4.4   | 0.85   | 5.6  | 1.06   | 5.8   | 1.46   | 5.8  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 359 回 |
| 欠測回数  | 0 回   | 欠測回数  | 13 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.5 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 09 | 00 | 0.34   | 3.8   | 0.51   | 4.4  | 0.65   | 4.4   | 0.82   | 3.9  | NNE  | 12  |
|    | 02 | * 0.35 | 3.9   | * 0.54 | 4.8  | * 0.66 | 4.9   | * 0.95 | 4.1  | NNE  | 25  |
|    | 04 | 0.35   | 3.7   | 0.53   | 4.5  | 0.65   | 4.4   | 0.82   | 5.2  | NNE  | 33  |
|    | 06 | 0.31   | 4.1   | 0.48   | 4.9  | 0.59   | 5.3   | 0.84   | 3.8  | N    | 352 |
|    | 08 | 0.29   | 3.9   | 0.45   | 4.7  | 0.56   | 4.9   | 0.81   | 5.4  | N    | 0   |
|    | 10 | 0.27   | 3.9   | 0.41   | 4.9  | 0.50   | 4.9   | 0.83   | 5.6  | NNE  | 25  |
|    | 12 | 0.24   | 3.7   | 0.36   | 4.6  | 0.45   | 5.0   | 0.64   | 7.2  | NNE  | 12  |
|    | 14 | 0.24   | 4.2   | 0.38   | 5.4  | 0.49   | 5.3   | 0.65   | 6.1  | N    | 356 |
|    | 16 | 0.23   | 4.3   | 0.34   | 5.5  | 0.42   | 5.6   | 0.54   | 4.7  | NNE  | 29  |
|    | 18 | 0.21   | 4.4   | 0.32   | 5.5  | 0.39   | 5.7   | 0.47   | 5.3  | NNE  | 33  |
|    | 20 | 0.18   | 4.0   | 0.29   | 5.4  | 0.37   | 5.3   | 0.48   | 5.5  | NNE  | 16  |
|    | 22 | 0.16   | 4.4   | 0.24   | 5.3  | 0.31   | 5.5   | 0.39   | 5.1  | ENE  | 57  |
|    | 最大 | 0.35   | 3.9   | 0.54   | 4.8  | 0.66   | 4.9   | 0.95   | 4.1  |      |     |
|    | 平均 | 0.26   | 4.0   | 0.40   | 5.0  | 0.50   | 5.1   | 0.69   | 5.2  |      |     |
| 10 | 00 | 0.13   | 4.5   | 0.20   | 5.6  | 0.25   | 5.5   | 0.33   | 5.9  | NNE  | 12  |
|    | 02 | 0.12   | 3.5   | 0.18   | 5.1  | 0.23   | 5.7   | 0.35   | 6.3  | N    | 356 |
|    | 04 | 0.10   | 4.1   | 0.16   | 5.8  | 0.20   | 6.0   | 0.29   | 5.7  | NNW  | 348 |
|    | 06 | 0.10   | 3.8   | 0.15   | 5.0  | 0.17   | 5.3   | 0.23   | 5.8  | 欠測   | 欠測  |
|    | 08 | 0.09   | 3.2   | 0.13   | 4.8  | 0.17   | 5.4   | 0.27   | 5.1  | NE   | 41  |
|    | 10 | 0.13   | 2.4   | 0.21   | 2.6  | 0.27   | 2.6   | 0.53   | 4.3  | WNW  | 290 |
|    | 12 | 0.20   | 2.5   | 0.30   | 2.7  | 0.39   | 2.5   | 0.55   | 1.8  | NW   | 309 |
|    | 14 | 0.25   | 3.5   | 0.38   | 4.4  | 0.47   | 4.3   | 0.64   | 5.0  | NNE  | 20  |
|    | 16 | 0.31   | 4.1   | 0.48   | 5.1  | 0.57   | 5.3   | 0.72   | 4.0  | NNE  | 12  |
|    | 18 | 0.31   | 3.4   | 0.48   | 4.4  | 0.59   | 4.5   | 0.87   | 4.0  | N    | 8   |
|    | 20 | * 0.39 | 3.5   | 0.58   | 4.1  | 0.71   | 4.3   | 0.93   | 4.3  | NNE  | 29  |
|    | 22 | 0.38   | 3.9   | * 0.58 | 4.4  | * 0.71 | 4.8   | * 0.94 | 3.4  | NNE  | 16  |
|    | 最大 | 0.39   | 3.5   | 0.58   | 4.4  | 0.71   | 4.8   | 0.94   | 3.4  |      |     |
|    | 平均 | 0.21   | 3.5   | 0.32   | 4.5  | 0.39   | 4.7   | 0.55   | 4.6  |      |     |
| 11 | 00 | 0.33   | 4.6   | 0.50   | 5.7  | 0.61   | 6.6   | 0.71   | 6.1  | N    | 4   |
|    | 02 | 0.36   | 5.1   | 0.58   | 6.9  | 0.72   | 7.0   | 0.87   | 6.4  | NNE  | 12  |
|    | 04 | 0.41   | 6.1   | 0.66   | 8.3  | 0.84   | 8.5   | 1.16   | 8.9  | N    | 0   |
|    | 06 | 0.54   | 7.0   | 0.91   | 8.9  | 1.11   | 8.6   | 1.45   | 9.0  | NNE  | 12  |
|    | 08 | 0.58   | 6.6   | * 0.97 | 8.7  | * 1.23 | 8.8   | * 1.46 | 7.5  | NNE  | 20  |
|    | 10 | * 0.62 | 7.2   | 0.97   | 8.6  | 1.22   | 8.3   | 1.41   | 8.6  | NNE  | 16  |
|    | 12 | 0.42   | 6.1   | 0.68   | 8.1  | 0.84   | 7.7   | 1.04   | 6.1  | N    | 4   |
|    | 14 | 0.49   | 6.4   | 0.77   | 8.1  | 0.98   | 8.4   | 1.36   | 8.4  | NNE  | 12  |
|    | 16 | 0.48   | 6.6   | 0.78   | 8.2  | 0.93   | 8.4   | 1.12   | 8.4  | NNE  | 16  |
|    | 18 | 0.38   | 5.9   | 0.63   | 7.8  | 0.82   | 8.3   | 1.01   | 8.0  | N    | 8   |
|    | 20 | 0.38   | 6.0   | 0.61   | 8.1  | 0.73   | 8.2   | 0.83   | 7.4  | NNE  | 25  |
|    | 22 | 0.36   | 5.6   | 0.59   | 7.7  | 0.73   | 7.9   | 0.94   | 7.2  | NNE  | 12  |
|    | 最大 | 0.62   | 7.2   | 0.97   | 8.7  | 1.23   | 8.8   | 1.46   | 7.5  |      |     |
|    | 平均 | 0.45   | 6.1   | 0.72   | 7.9  | 0.90   | 8.1   | 1.11   | 7.7  |      |     |
| 12 | 00 | 0.36   | 6.2   | 0.59   | 8.2  | 0.76   | 8.2   | 0.93   | 8.0  | NNE  | 29  |
|    | 02 | 0.33   | 6.2   | 0.56   | 8.2  | 0.70   | 8.2   | 0.92   | 8.6  | N    | 4   |
|    | 04 | * 0.41 | 6.5   | * 0.67 | 8.7  | * 0.83 | 8.7   | * 0.99 | 8.9  | N    | 8   |
|    | 06 | 0.37   | 6.6   | 0.61   | 8.6  | 0.74   | 8.6   | 0.93   | 9.0  | NNE  | 25  |
|    | 08 | 0.24   | 5.8   | 0.40   | 8.1  | 0.50   | 8.4   | 0.67   | 8.2  | NNE  | 29  |
|    | 10 | 0.22   | 5.2   | 0.36   | 7.5  | 0.46   | 7.5   | 0.61   | 8.7  | N    | 4   |
|    | 12 | 0.26   | 3.1   | 0.39   | 4.0  | 0.49   | 4.3   | 0.64   | 2.7  | NNE  | 16  |
|    | 14 | 0.24   | 3.3   | 0.36   | 4.0  | 0.45   | 4.6   | 0.57   | 4.6  | N    | 0   |
|    | 16 | 0.17   | 3.5   | 0.26   | 4.9  | 0.31   | 5.5   | 0.40   | 4.0  | NNW  | 348 |
|    | 18 | 0.16   | 3.2   | 0.25   | 4.2  | 0.30   | 4.5   | 0.36   | 5.9  | N    | 4   |
|    | 20 | 0.20   | 3.3   | 0.29   | 3.8  | 0.37   | 3.6   | 0.56   | 3.5  | N    | 4   |
|    | 22 | 0.25   | 3.7   | 0.39   | 3.9  | 0.50   | 3.8   | 0.65   | 3.8  | N    | 0   |
|    | 最大 | 0.41   | 6.5   | 0.67   | 8.7  | 0.83   | 8.7   | 0.99   | 8.9  |      |     |
|    | 平均 | 0.27   | 4.7   | 0.43   | 6.2  | 0.53   | 6.3   | 0.69   | 6.3  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 359 回 |
| 欠測回数  | 0 回   | 欠測回数  | 13 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.5 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|-----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|     |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 13  | 00 | 0.25   | 3.6   | 0.39   | 4.2  | 0.47   | 4.2   | 0.58   | 3.7  | NE   | 37  |
|     | 02 | 0.32   | 4.0   | 0.50   | 4.6  | 0.63   | 4.5   | 0.74   | 4.7  | NNE  | 20  |
|     | 04 | * 0.57 | 5.1   | 0.85   | 5.2  | 1.05   | 5.2   | 1.35   | 5.1  | NNE  | 16  |
|     | 06 | 0.55   | 4.6   | 0.87   | 5.1  | 1.08   | 5.1   | 1.43   | 5.4  | NNE  | 25  |
|     | 08 | 0.49   | 4.5   | 0.75   | 5.2  | 0.92   | 5.0   | 1.22   | 4.7  | NNE  | 25  |
|     | 10 | 0.51   | 4.4   | 0.80   | 5.1  | 1.02   | 5.0   | 1.29   | 4.2  | NE   | 37  |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 12 | 0.57   | 4.6   | * 0.90 | 5.5  | * 1.13 | 5.6   | * 1.57 | 4.9  | NNE  | 16  |
|     | 14 | 0.51   | 4.5   | 0.82   | 5.4  | 1.04   | 5.4   | 1.45   | 4.9  | NNE  | 29  |
|     | 16 | 0.55   | 4.9   | 0.87   | 5.7  | 1.07   | 5.9   | 1.49   | 6.0  | NNE  | 20  |
|     | 18 | 0.45   | 4.7   | 0.73   | 5.9  | 0.92   | 6.0   | 1.23   | 5.7  | NE   | 37  |
|     | 20 | 0.47   | 4.2   | 0.75   | 6.0  | 0.95   | 6.2   | 1.23   | 4.9  | N    | 8   |
|     | 22 | 0.43   | 3.9   | 0.68   | 5.3  | 0.84   | 5.5   | 1.21   | 5.4  | NNE  | 16  |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 最大 | 0.57   | 5.1   | 0.90   | 5.5  | 1.13   | 5.6   | 1.57   | 4.9  |      |     |
|     | 平均 | 0.47   | 4.4   | 0.74   | 5.3  | 0.93   | 5.3   | 1.23   | 5.0  |      |     |
| 14  | 00 | 0.35   | 3.9   | 0.55   | 5.5  | 0.66   | 5.8   | 0.79   | 6.1  | NNE  | 16  |
|     | 02 | 0.34   | 4.2   | 0.53   | 5.9  | 0.67   | 6.5   | 0.96   | 6.6  | NNE  | 16  |
|     | 04 | 0.30   | 4.3   | 0.45   | 5.6  | 0.56   | 5.5   | 0.69   | 4.7  | N    | 8   |
|     | 06 | 0.35   | 4.8   | 0.56   | 6.7  | 0.70   | 6.7   | 0.91   | 7.4  | NNE  | 16  |
|     | 08 | 0.37   | 5.4   | 0.59   | 6.8  | 0.73   | 6.8   | 0.91   | 7.1  | NNE  | 20  |
|     | 10 | 0.39   | 5.3   | 0.66   | 7.3  | 0.87   | 7.2   | * 1.38 | 7.6  | NNE  | 12  |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 12 | 0.41   | 5.2   | 0.68   | 7.3  | 0.82   | 7.3   | 1.11   | 7.3  | NNE  | 16  |
|     | 14 | 0.37   | 4.6   | 0.61   | 7.0  | 0.77   | 7.8   | 1.07   | 8.1  | NNE  | 12  |
|     | 16 | * 0.43 | 5.4   | * 0.72 | 7.7  | * 0.91 | 7.7   | 1.08   | 6.6  | N    | 0   |
|     | 18 | 0.39   | 5.7   | 0.65   | 8.0  | 0.85   | 7.9   | 1.11   | 8.1  | NNE  | 12  |
|     | 20 | 0.38   | 6.6   | 0.61   | 7.9  | 0.74   | 8.0   | 0.89   | 7.8  | NNE  | 12  |
|     | 22 | 0.38   | 6.7   | 0.60   | 7.7  | 0.75   | 7.8   | 0.91   | 7.8  | N    | 8   |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 最大 | 0.43   | 5.4   | 0.72   | 7.7  | 0.91   | 7.7   | 1.38   | 7.6  |      |     |
|     | 平均 | 0.37   | 5.2   | 0.60   | 7.0  | 0.75   | 7.1   | 0.98   | 7.1  |      |     |
| 15  | 00 | 0.36   | 7.0   | 0.56   | 7.8  | 0.70   | 7.7   | 0.94   | 7.9  | NNE  | 16  |
|     | 02 | 0.31   | 6.2   | 0.55   | 7.7  | 0.72   | 7.8   | 0.93   | 7.6  | NNE  | 12  |
|     | 04 | 0.31   | 6.8   | 0.49   | 7.6  | 0.65   | 7.5   | 0.96   | 7.2  | NNE  | 12  |
|     | 06 | 0.27   | 6.1   | 0.47   | 7.4  | 0.59   | 7.4   | 0.65   | 7.5  | NE   | 41  |
|     | 08 | 0.26   | 6.3   | 0.42   | 7.3  | 0.51   | 7.0   | 0.65   | 7.2  | NNE  | 29  |
|     | 10 | 0.28   | 6.4   | 0.42   | 7.2  | 0.54   | 7.1   | 0.76   | 7.0  | NNE  | 16  |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 12 | 0.30   | 6.1   | 0.48   | 6.8  | 0.58   | 6.9   | 0.68   | 7.1  | NNE  | 25  |
|     | 14 | 0.30   | 6.3   | 0.48   | 6.8  | 0.58   | 6.7   | 0.73   | 6.6  | NNE  | 12  |
|     | 16 | 0.26   | 6.1   | 0.40   | 6.8  | 0.51   | 6.8   | 0.71   | 6.8  | NNE  | 12  |
|     | 18 | 0.26   | 5.5   | 0.43   | 7.1  | 0.54   | 7.3   | 0.67   | 7.2  | NNE  | 20  |
|     | 20 | * 0.41 | 6.4   | * 0.65 | 7.0  | * 0.81 | 6.9   | * 1.00 | 6.7  | NNE  | 20  |
|     | 22 | 0.38   | 6.3   | 0.57   | 6.7  | 0.71   | 6.8   | 0.85   | 6.2  | NNE  | 16  |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 最大 | 0.41   | 6.4   | 0.65   | 7.0  | 0.81   | 6.9   | 1.00   | 6.7  |      |     |
|     | 平均 | 0.31   | 6.3   | 0.49   | 7.2  | 0.62   | 7.2   | 0.79   | 7.1  |      |     |
| 16  | 00 | * 0.38 | 5.9   | * 0.57 | 6.6  | * 0.72 | 6.7   | * 0.93 | 6.6  | NNE  | 20  |
|     | 02 | 0.36   | 6.1   | 0.54   | 6.7  | 0.68   | 6.7   | 0.84   | 6.6  | NNE  | 20  |
|     | 04 | 0.24   | 5.3   | 0.40   | 6.3  | 0.54   | 6.6   | 0.81   | 6.7  | NNE  | 12  |
|     | 06 | 0.20   | 5.0   | 0.33   | 6.2  | 0.42   | 6.4   | 0.57   | 6.5  | NNE  | 29  |
|     | 08 | 0.16   | 3.6   | 0.25   | 5.3  | 0.33   | 5.8   | 0.43   | 6.1  | N    | 4   |
|     | 10 | 0.16   | 2.6   | 0.25   | 3.3  | 0.32   | 3.8   | 0.42   | 7.2  | N    | 8   |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 12 | 0.13   | 4.6   | 0.21   | 6.5  | 0.26   | 6.7   | 0.34   | 6.1  | NE   | 37  |
|     | 14 | 0.12   | 2.9   | 0.19   | 3.8  | 0.24   | 4.0   | 0.34   | 2.9  | NNE  | 33  |
|     | 16 | 0.11   | 2.5   | 0.17   | 3.0  | 0.23   | 3.0   | 0.40   | 3.1  | NE   | 56  |
|     | 18 | 0.09   | 2.7   | 0.14   | 3.4  | 0.17   | 3.2   | 0.25   | 1.7  | NE   | 45  |
|     | 20 | 0.19   | 2.4   | 0.30   | 2.4  | 0.38   | 2.4   | 0.64   | 2.3  | WNW  | 289 |
|     | 22 | 0.12   | 2.5   | 0.18   | 2.7  | 0.22   | 2.6   | 0.34   | 2.4  | W    | 274 |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 最大 | 0.38   | 5.9   | 0.57   | 6.6  | 0.72   | 6.7   | 0.93   | 6.6  |      |     |
|     | 平均 | 0.19   | 3.8   | 0.29   | 4.7  | 0.38   | 4.8   | 0.53   | 4.9  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 359 回 |
| 欠測回数  | 0 回   | 欠測回数  | 13 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.5 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 17 | 00 | 0.25   | 2.8   | 0.39   | 3.0  | 0.50   | 2.9   | 0.72   | 2.7  | NW   | 307 |
|    | 02 | 0.21   | 3.1   | 0.32   | 3.6  | 0.38   | 3.5   | 0.57   | 3.1  | 欠測   | 欠測  |
|    | 04 | 0.30   | 3.2   | 0.46   | 3.6  | 0.58   | 3.5   | * 0.85 | 3.0  | NNE  | 16  |
|    | 06 | 0.22   | 3.2   | 0.33   | 3.7  | 0.40   | 4.0   | 0.53   | 3.1  | NNE  | 29  |
|    | 08 | 0.24   | 3.1   | 0.37   | 3.7  | 0.46   | 3.9   | 0.72   | 3.5  | NNE  | 33  |
|    | 10 | 0.24   | 3.7   | 0.36   | 5.0  | 0.45   | 5.6   | 0.68   | 3.0  | N    | 8   |
|    | 12 | 0.23   | 4.0   | 0.36   | 5.7  | 0.44   | 7.0   | 0.66   | 6.5  | NNE  | 20  |
|    | 14 | 0.20   | 4.4   | 0.32   | 6.4  | 0.40   | 7.4   | 0.52   | 9.6  | N    | 0   |
|    | 16 | 0.26   | 4.0   | 0.41   | 5.7  | 0.51   | 7.4   | 0.69   | 7.4  | N    | 8   |
|    | 18 | 0.29   | 4.5   | 0.45   | 6.3  | 0.54   | 7.3   | 0.79   | 10.2 | N    | 0   |
|    | 20 | * 0.31 | 3.9   | * 0.48 | 5.2  | * 0.60 | 6.1   | 0.76   | 3.5  | NNE  | 12  |
|    | 22 | 0.27   | 3.9   | 0.42   | 5.2  | 0.53   | 5.5   | 0.69   | 7.0  | N    | 4   |
|    | 最大 | 0.31   | 3.9   | 0.48   | 5.2  | 0.60   | 6.1   | 0.85   | 3.0  |      |     |
|    | 平均 | 0.25   | 3.6   | 0.39   | 4.8  | 0.48   | 5.3   | 0.68   | 5.2  |      |     |
| 18 | 00 | 0.29   | 4.1   | 0.45   | 5.7  | 0.56   | 5.7   | 0.74   | 6.0  | N    | 352 |
|    | 02 | 0.25   | 4.3   | 0.41   | 5.9  | 0.51   | 6.9   | 0.67   | 7.3  | NNE  | 16  |
|    | 04 | 0.26   | 5.5   | 0.42   | 7.5  | 0.53   | 7.6   | 0.64   | 9.1  | NNE  | 16  |
|    | 06 | 0.25   | 5.6   | 0.39   | 7.2  | 0.51   | 7.4   | 0.74   | 6.9  | NNW  | 344 |
|    | 08 | 0.24   | 5.8   | 0.38   | 7.6  | 0.47   | 7.7   | 0.71   | 8.0  | N    | 356 |
|    | 10 | 0.32   | 6.5   | 0.50   | 7.6  | 0.61   | 7.8   | 0.76   | 8.2  | NNE  | 16  |
|    | 12 | 0.35   | 6.3   | 0.54   | 7.7  | 0.67   | 8.0   | 0.84   | 6.9  | NNE  | 20  |
|    | 14 | 0.30   | 5.6   | 0.50   | 7.7  | 0.64   | 7.9   | 1.04   | 7.5  | N    | 4   |
|    | 16 | 0.33   | 4.1   | 0.53   | 6.3  | 0.71   | 7.8   | 0.92   | 6.1  | NNW  | 335 |
|    | 18 | 0.52   | 4.2   | 0.80   | 6.3  | 1.01   | 7.8   | 1.26   | 9.2  | NNE  | 12  |
|    | 20 | * 0.54 | 4.8   | * 0.89 | 7.2  | * 1.18 | 10.0  | * 1.71 | 10.4 | NNE  | 12  |
|    | 22 | 0.49   | 4.5   | 0.77   | 6.7  | 1.00   | 9.4   | 1.30   | 10.3 | N    | 4   |
|    | 最大 | 0.54   | 4.8   | 0.89   | 7.2  | 1.18   | 10.0  | 1.71   | 10.4 |      |     |
|    | 平均 | 0.34   | 5.1   | 0.55   | 7.0  | 0.70   | 7.8   | 0.94   | 8.0  |      |     |
| 19 | 00 | 0.47   | 6.3   | 0.77   | 9.6  | 0.98   | 10.6  | 1.08   | 12.2 | N    | 8   |
|    | 02 | 0.38   | 5.9   | 0.62   | 8.8  | 0.79   | 10.2  | 1.00   | 10.5 | NNE  | 25  |
|    | 04 | 0.38   | 6.7   | 0.61   | 9.5  | 0.78   | 10.2  | 0.96   | 9.8  | N    | 4   |
|    | 06 | 0.40   | 6.3   | 0.65   | 9.0  | 0.80   | 10.1  | 0.95   | 8.8  | NNE  | 12  |
|    | 08 | 0.38   | 6.5   | 0.63   | 9.4  | 0.85   | 10.5  | 1.14   | 11.8 | N    | 4   |
|    | 10 | 0.40   | 6.5   | 0.63   | 8.9  | 0.80   | 9.5   | 0.95   | 10.5 | NNE  | 12  |
|    | 12 | 0.35   | 6.5   | 0.58   | 9.7  | 0.74   | 10.0  | 0.92   | 10.8 | N    | 8   |
|    | 14 | 0.39   | 3.6   | 0.61   | 5.0  | 0.79   | 6.5   | 1.10   | 9.7  | N    | 8   |
|    | 16 | 0.45   | 3.9   | 0.67   | 5.1  | 0.84   | 5.5   | 1.10   | 4.3  | NNE  | 12  |
|    | 18 | * 0.53 | 3.9   | * 0.82 | 5.1  | * 1.04 | 5.8   | * 1.64 | 7.7  | N    | 8   |
|    | 20 | 0.45   | 4.1   | 0.67   | 5.4  | 0.80   | 5.4   | 1.00   | 5.7  | N    | 8   |
|    | 22 | 0.43   | 4.6   | 0.67   | 6.3  | 0.85   | 7.8   | 1.15   | 10.3 | N    | 0   |
|    | 最大 | 0.53   | 3.9   | 0.82   | 5.1  | 1.04   | 5.8   | 1.64   | 7.7  |      |     |
|    | 平均 | 0.42   | 5.4   | 0.66   | 7.6  | 0.84   | 8.5   | 1.08   | 9.3  |      |     |
| 20 | 00 | 0.36   | 4.3   | 0.57   | 5.8  | 0.73   | 7.0   | 0.93   | 7.9  | N    | 0   |
|    | 02 | 0.45   | 4.1   | 0.69   | 4.8  | 0.83   | 4.5   | 0.96   | 5.5  | NNE  | 16  |
|    | 04 | 0.48   | 4.4   | 0.74   | 5.3  | 0.90   | 5.5   | 1.13   | 5.0  | N    | 8   |
|    | 06 | 0.51   | 4.7   | * 0.80 | 5.6  | * 1.00 | 5.6   | * 1.35 | 6.0  | NE   | 41  |
|    | 08 | * 0.52 | 4.6   | 0.79   | 5.2  | 0.98   | 5.2   | 1.32   | 5.7  | NE   | 37  |
|    | 10 | 0.43   | 4.4   | 0.71   | 5.2  | 0.91   | 5.2   | 1.12   | 5.1  | NNE  | 20  |
|    | 12 | 0.40   | 4.2   | 0.64   | 5.0  | 0.83   | 5.0   | 1.32   | 4.4  | NNE  | 25  |
|    | 14 | 0.44   | 4.2   | 0.68   | 5.1  | 0.87   | 5.2   | 1.09   | 5.5  | NNE  | 33  |
|    | 16 | 0.40   | 4.3   | 0.63   | 5.2  | 0.81   | 5.1   | 1.09   | 3.9  | NNE  | 25  |
|    | 18 | 0.42   | 4.1   | 0.66   | 5.2  | 0.80   | 5.2   | 0.97   | 4.3  | NE   | 45  |
|    | 20 | 0.36   | 4.3   | 0.56   | 5.1  | 0.71   | 5.1   | 0.86   | 5.0  | NNE  | 25  |
|    | 22 | 0.33   | 3.2   | 0.54   | 4.6  | 0.68   | 5.0   | 0.90   | 5.5  | NNE  | 25  |
|    | 最大 | 0.52   | 4.6   | 0.80   | 5.6  | 1.00   | 5.6   | 1.35   | 6.0  |      |     |
|    | 平均 | 0.43   | 4.2   | 0.67   | 5.2  | 0.84   | 5.3   | 1.09   | 5.3  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 359 回 |
| 欠測回数  | 0 回   | 欠測回数  | 13 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.5 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時      | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----------|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|          |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 21 00    | * 0.30       | 3.6          | * 0.48      | 4.9         | * 0.63       | 5.1          | * 0.99      | 5.6         | NE   | 49  |
|          | 0.28         | 4.2          | 0.43        | 5.0         | 0.53         | 5.1          | 0.66        | 5.2         | NNE  | 33  |
|          | 0.23         | 2.8          | 0.36        | 3.8         | 0.45         | 4.6          | 0.60        | 5.1         | N    | 4   |
|          | 0.17         | 3.7          | 0.27        | 5.3         | 0.34         | 5.9          | 0.42        | 7.2         | N    | 8   |
|          | 0.20         | 4.1          | 0.32        | 5.2         | 0.39         | 5.3          | 0.48        | 4.7         | NNE  | 25  |
|          | 0.17         | 3.5          | 0.26        | 4.5         | 0.32         | 5.1          | 0.43        | 5.6         | E    | 82  |
|          |              |              |             |             |              |              |             |             |      |     |
|          | 0.17         | 3.4          | 0.27        | 4.3         | 0.33         | 4.8          | 0.46        | 5.2         | ENE  | 57  |
|          | 0.25         | 2.7          | 0.38        | 3.2         | 0.46         | 3.1          | 0.68        | 2.8         | 欠測   | 欠測  |
|          | 0.17         | 3.4          | 0.26        | 4.4         | 0.33         | 4.9          | 0.40        | 7.0         | N    | 0   |
| 最大<br>平均 | 0.15         | 3.6          | 0.24        | 5.3         | 0.31         | 6.0          | 0.48        | 6.9         | NNE  | 12  |
|          | 0.13         | 4.5          | 0.21        | 6.6         | 0.26         | 6.8          | 0.32        | 6.7         | NNW  | 344 |
|          | 0.10         | 4.3          | 0.16        | 6.5         | 0.21         | 7.0          | 0.27        | 6.4         | ENE  | 61  |
|          | 0.30         | 3.6          | 0.48        | 4.9         | 0.63         | 5.1          | 0.99        | 5.6         |      |     |
|          | 0.19         | 3.6          | 0.30        | 4.9         | 0.38         | 5.3          | 0.52        | 5.7         |      |     |
|          |              |              |             |             |              |              |             |             |      |     |
|          | 0.13         | 2.8          | 0.19        | 3.8         | 0.24         | 4.0          | 0.45        | 5.0         | NNE  | 33  |
|          | 0.14         | 2.6          | 0.21        | 3.1         | 0.27         | 3.4          | 0.44        | 2.6         | NW   | 309 |
|          | 0.10         | 3.7          | 0.16        | 5.0         | 0.21         | 5.4          | 0.29        | 6.1         | NE   | 41  |
|          | 0.10         | 3.9          | 0.15        | 5.6         | 0.20         | 6.0          | 0.30        | 7.0         | NNE  | 20  |
| 22 00    | 0.11         | 4.5          | 0.17        | 6.9         | 0.21         | 7.1          | 0.28        | 7.3         | NE   | 41  |
|          | 0.12         | 4.1          | 0.20        | 6.5         | 0.25         | 7.3          | 0.35        | 7.0         | NNE  | 29  |
|          |              |              |             |             |              |              |             |             |      |     |
|          | 0.20         | 3.3          | 0.31        | 4.3         | 0.38         | 5.0          | 0.47        | 5.8         | ENE  | 61  |
|          | 0.23         | 2.9          | 0.35        | 3.5         | 0.43         | 3.5          | 0.64        | 2.7         | NNE  | 29  |
|          | 0.23         | 2.9          | 0.34        | 3.6         | 0.43         | 3.2          | 0.58        | 4.5         | NNE  | 33  |
|          | * 0.24       | 3.3          | * 0.36      | 4.2         | * 0.46       | 4.7          | * 0.72      | 2.8         | NNE  | 29  |
|          | 0.20         | 3.7          | 0.32        | 5.2         | 0.41         | 5.8          | 0.58        | 6.5         | NE   | 37  |
|          | 0.22         | 4.6          | 0.35        | 6.3         | 0.45         | 6.9          | 0.66        | 7.4         | N    | 8   |
|          |              |              |             |             |              |              |             |             |      |     |
| 最大<br>平均 | 0.24         | 3.3          | 0.36        | 4.2         | 0.46         | 4.7          | 0.72        | 2.8         |      |     |
|          | 0.17         | 3.5          | 0.26        | 4.8         | 0.33         | 5.2          | 0.48        | 5.4         |      |     |
|          |              |              |             |             |              |              |             |             |      |     |
|          | * 0.24       | 3.9          | * 0.38      | 5.5         | * 0.48       | 6.0          | * 0.67      | 6.1         | N    | 352 |
|          | 0.20         | 5.5          | 0.31        | 7.0         | 0.40         | 6.8          | 0.57        | 7.0         | NNE  | 20  |
|          | 0.17         | 5.2          | 0.28        | 7.0         | 0.34         | 7.8          | 0.42        | 7.8         | NNE  | 25  |
|          | 0.18         | 5.2          | 0.29        | 7.5         | 0.36         | 7.8          | 0.50        | 8.3         | NNW  | 344 |
|          | 0.15         | 4.6          | 0.24        | 7.3         | 0.32         | 8.4          | 0.41        | 7.9         | NNE  | 29  |
|          | 0.14         | 5.3          | 0.23        | 7.6         | 0.29         | 7.7          | 0.36        | 7.8         | NNE  | 20  |
|          |              |              |             |             |              |              |             |             |      |     |
| 23 00    | 0.12         | 5.0          | 0.21        | 7.9         | 0.26         | 8.4          | 0.35        | 7.9         | N    | 4   |
|          | 0.16         | 6.0          | 0.28        | 8.2         | 0.35         | 8.5          | 0.39        | 7.4         | NNE  | 33  |
|          | 0.16         | 4.6          | 0.27        | 7.3         | 0.36         | 8.1          | 0.47        | 9.1         | NNE  | 16  |
|          | 0.22         | 3.4          | 0.33        | 4.9         | 0.42         | 6.0          | 0.49        | 8.5         | NE   | 49  |
|          | 0.18         | 4.3          | 0.29        | 6.7         | 0.39         | 7.7          | 0.52        | 7.3         | NNE  | 12  |
|          | 0.16         | 5.7          | 0.25        | 7.3         | 0.31         | 7.3          | 0.40        | 6.5         | NNE  | 12  |
|          |              |              |             |             |              |              |             |             |      |     |
|          | 0.24         | 3.9          | 0.38        | 5.5         | 0.48         | 6.0          | 0.67        | 6.1         |      |     |
|          | 0.17         | 4.9          | 0.28        | 7.0         | 0.36         | 7.5          | 0.46        | 7.6         |      |     |
|          |              |              |             |             |              |              |             |             |      |     |
| 24 00    | 0.16         | 6.1          | 0.25        | 7.7         | 0.32         | 8.0          | 0.46        | 8.1         | N    | 356 |
|          | 0.13         | 5.4          | 0.19        | 7.5         | 0.24         | 7.3          | 0.31        | 6.6         | NNW  | 340 |
|          | 0.10         | 4.8          | 0.16        | 7.0         | 0.20         | 7.4          | 0.27        | 6.4         | N    | 4   |
|          | 0.09         | 4.1          | 0.15        | 6.3         | 0.19         | 6.5          | 0.26        | 5.5         | NNE  | 33  |
|          | 0.09         | 4.2          | 0.14        | 6.4         | 0.17         | 6.9          | 0.23        | 7.9         | NNE  | 12  |
|          | 0.11         | 3.7          | 0.17        | 5.0         | 0.22         | 5.0          | 0.38        | 4.4         | NW   | 323 |
|          |              |              |             |             |              |              |             |             |      |     |
|          | 0.13         | 2.4          | 0.20        | 2.8         | 0.25         | 2.7          | 0.37        | 1.7         | N    | 351 |
|          | 0.13         | 2.6          | 0.19        | 3.0         | 0.23         | 3.1          | 0.29        | 2.2         | ENE  | 61  |
|          | * 0.22       | 2.8          | * 0.34      | 2.9         | * 0.42       | 2.9          | * 0.69      | 2.7         | NNE  | 31  |
| 最大<br>平均 | 0.13         | 2.8          | 0.20        | 3.2         | 0.25         | 3.2          | 0.35        | 2.6         | NE   | 37  |
|          | 0.10         | 3.4          | 0.14        | 4.9         | 0.17         | 5.8          | 0.27        | 7.0         | NE   | 37  |
|          | 0.09         | 4.3          | 0.14        | 6.1         | 0.16         | 6.6          | 0.21        | 6.6         | N    | 8   |
|          | 0.22         | 2.8          | 0.34        | 2.9         | 0.42         | 2.9          | 0.69        | 2.7         |      |     |
|          | 0.12         | 3.9          | 0.19        | 5.2         | 0.23         | 5.5          | 0.34        | 5.1         |      |     |
|          |              |              |             |             |              |              |             |             |      |     |
|          | 0.22         | 2.8          | 0.34        | 2.9         | 0.42         | 2.9          | 0.69        | 2.7         |      |     |
|          | 0.12         | 3.9          | 0.19        | 5.2         | 0.23         | 5.5          | 0.34        | 5.1         |      |     |
|          |              |              |             |             |              |              |             |             |      |     |
|          |              |              |             |             |              |              |             |             |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 359 回 |
| 欠測回数  | 0 回   | 欠測回数  | 13 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.5 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 25 | 00 | 0.11         | 4.6          | 0.17        | 6.6         | 0.22         | 7.1          | 0.29        | 7.2         | NNE  | 25  |
|    | 02 | 0.11         | 3.8          | 0.18        | 5.7         | * 0.24       | 6.7          | * 0.38      | 6.9         | NE   | 53  |
|    | 04 | 0.11         | 3.9          | 0.16        | 5.7         | 0.20         | 6.2          | 0.27        | 6.4         | NNE  | 29  |
|    | 06 | 0.10         | 4.2          | 0.16        | 6.1         | 0.20         | 7.0          | 0.24        | 7.9         | N    | 0   |
|    | 08 | * 0.12       | 3.3          | * 0.19      | 5.2         | 0.24         | 5.6          | 0.34        | 6.5         | NNW  | 340 |
|    | 10 | 0.10         | 4.1          | 0.16        | 6.3         | 0.19         | 6.9          | 0.24        | 8.2         | NNE  | 20  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.11         | 4.2          | 0.16        | 6.1         | 0.20         | 6.3          | 0.26        | 5.0         | NNW  | 344 |
|    | 14 | 0.10         | 3.1          | 0.14        | 4.7         | 0.18         | 5.5          | 0.21        | 5.0         | N    | 356 |
|    | 16 | 0.09         | 2.9          | 0.13        | 4.4         | 0.17         | 5.6          | 0.25        | 5.3         | WNW  | 299 |
|    | 18 | 0.12         | 2.7          | 0.17        | 3.4         | 0.21         | 3.6          | 0.32        | 2.1         | 欠測   | 欠測  |
|    | 20 | 0.09         | 3.1          | 0.13        | 4.6         | 0.16         | 5.3          | 0.25        | 2.3         | NE   | 41  |
|    | 22 | 0.06         | 3.1          | 0.09        | 4.7         | 0.12         | 5.3          | 0.18        | 5.7         | N    | 352 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.12         | 3.3          | 0.19        | 5.2         | 0.24         | 6.7          | 0.38        | 6.9         |      |     |
|    | 平均 | 0.10         | 3.6          | 0.15        | 5.3         | 0.19         | 5.9          | 0.27        | 5.7         |      |     |
| 26 | 00 | 0.06         | 3.6          | 0.08        | 5.6         | 0.10         | 6.5          | 0.13        | 7.0         | NE   | 49  |
|    | 02 | 0.07         | 3.5          | 0.10        | 5.3         | 0.12         | 6.5          | 0.16        | 5.8         | NNE  | 16  |
|    | 04 | 0.08         | 2.8          | 0.11        | 3.6         | 0.15         | 4.4          | 0.21        | 1.5         | NE   | 37  |
|    | 06 | 0.07         | 3.2          | 0.11        | 4.6         | 0.14         | 5.2          | 0.20        | 3.4         | 欠測   | 欠測  |
|    | 08 | 0.08         | 2.8          | 0.11        | 3.9         | 0.14         | 4.8          | 0.20        | 5.1         | NNE  | 16  |
|    | 10 | 0.08         | 2.8          | 0.13        | 4.2         | 0.17         | 4.4          | 0.27        | 1.7         | NE   | 45  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | * 0.44       | 3.0          | * 0.69      | 3.4         | * 0.87       | 3.4          | * 1.33      | 3.4         | NNW  | 340 |
|    | 14 | 0.18         | 2.7          | 0.28        | 2.9         | 0.35         | 2.8          | 0.58        | 2.6         | ENE  | 60  |
|    | 16 | 0.10         | 3.1          | 0.16        | 4.5         | 0.19         | 4.8          | 0.27        | 7.0         | 欠測   | 欠測  |
|    | 18 | 0.09         | 4.3          | 0.14        | 5.8         | 0.17         | 6.1          | 0.28        | 5.1         | ENE  | 65  |
|    | 20 | 0.13         | 4.2          | 0.20        | 4.8         | 0.25         | 4.5          | 0.30        | 4.3         | NE   | 45  |
|    | 22 | 0.23         | 3.0          | 0.35        | 3.2         | 0.44         | 3.1          | 0.63        | 3.3         | WNW  | 295 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.44         | 3.0          | 0.69        | 3.4         | 0.87         | 3.4          | 1.33        | 3.4         |      |     |
|    | 平均 | 0.13         | 3.3          | 0.21        | 4.3         | 0.26         | 4.7          | 0.38        | 4.2         |      |     |
| 27 | 00 | 0.25         | 3.1          | 0.37        | 3.5         | 0.46         | 3.4          | 0.56        | 3.4         | N    | 356 |
|    | 02 | 0.21         | 3.5          | 0.31        | 4.0         | 0.39         | 4.0          | 0.51        | 3.7         | NNE  | 25  |
|    | 04 | 0.17         | 3.7          | 0.27        | 4.2         | 0.33         | 4.1          | 0.46        | 4.3         | N    | 0   |
|    | 06 | 0.14         | 3.7          | 0.22        | 4.4         | 0.28         | 4.4          | 0.43        | 3.8         | N    | 4   |
|    | 08 | 0.14         | 3.7          | 0.22        | 4.3         | 0.27         | 4.4          | 0.34        | 5.0         | NNE  | 33  |
|    | 10 | 0.12         | 3.7          | 0.19        | 4.4         | 0.24         | 4.5          | 0.31        | 3.9         | NNW  | 331 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.12         | 3.7          | 0.19        | 4.8         | 0.23         | 4.9          | 0.32        | 4.1         | E    | 90  |
|    | 14 | 0.16         | 3.0          | 0.25        | 4.0         | 0.33         | 4.5          | 0.49        | 5.1         | NNE  | 25  |
|    | 16 | 0.18         | 3.3          | 0.27        | 4.4         | 0.31         | 4.5          | 0.45        | 5.6         | NNE  | 33  |
|    | 18 | 0.20         | 3.4          | 0.32        | 4.1         | 0.40         | 4.8          | 0.55        | 5.4         | NNE  | 25  |
|    | 20 | 0.21         | 3.5          | 0.32        | 4.8         | 0.39         | 5.1          | 0.55        | 5.4         | NNE  | 12  |
|    | 22 | * 0.25       | 4.2          | * 0.41      | 5.0         | * 0.52       | 5.0          | * 0.68      | 5.3         | N    | 8   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.25         | 4.2          | 0.41        | 5.0         | 0.52         | 5.0          | 0.68        | 5.3         |      |     |
|    | 平均 | 0.18         | 3.5          | 0.28        | 4.3         | 0.35         | 4.5          | 0.47        | 4.6         |      |     |
| 28 | 00 | 0.26         | 3.0          | 0.41        | 4.3         | 0.51         | 5.2          | 0.64        | 4.1         | NNE  | 20  |
|    | 02 | 0.27         | 3.6          | 0.45        | 5.3         | 0.59         | 5.7          | 0.78        | 6.4         | N    | 0   |
|    | 04 | 0.25         | 5.0          | 0.39        | 5.9         | 0.48         | 5.8          | 0.57        | 6.2         | NNE  | 25  |
|    | 06 | 0.26         | 3.2          | 0.41        | 4.5         | 0.50         | 4.5          | 0.63        | 7.3         | NNE  | 12  |
|    | 08 | 0.19         | 3.1          | 0.30        | 4.5         | 0.38         | 4.7          | 0.58        | 4.0         | NE   | 41  |
|    | 10 | 0.20         | 2.3          | 0.31        | 2.4         | 0.40         | 2.3          | 0.60        | 2.1         | NE   | 48  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.27         | 2.4          | 0.41        | 2.5         | 0.52         | 2.3          | 0.69        | 2.3         | N    | 352 |
|    | 14 | 0.27         | 2.3          | 0.42        | 2.4         | 0.54         | 2.3          | 0.73        | 2.5         | W    | 281 |
|    | 16 | 0.27         | 2.4          | 0.42        | 2.4         | 0.53         | 2.4          | 0.71        | 2.1         | W    | 278 |
|    | 18 | 0.33         | 2.5          | 0.52        | 2.5         | 0.66         | 2.5          | 0.86        | 2.3         | NE   | 46  |
|    | 20 | * 0.35       | 2.5          | * 0.56      | 2.6         | * 0.73       | 2.5          | * 0.95      | 2.6         | ENE  | 66  |
|    | 22 | 0.10         | 3.1          | 0.15        | 4.2         | 0.19         | 4.6          | 0.26        | 4.1         | 欠測   | 欠測  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.35         | 2.5          | 0.56        | 2.6         | 0.73         | 2.5          | 0.95        | 2.6         |      |     |
|    | 平均 | 0.25         | 2.9          | 0.40        | 3.6         | 0.50         | 3.7          | 0.67        | 3.8         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 359 回 |
| 欠測回数  | 0 回   | 欠測回数  | 13 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.5 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時   | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|-----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |     |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 29 | 00  | 0.10         | 3.2          | 0.14        | 4.3         | 0.18         | 4.2          | 0.26        | 4.8         | NNW  | 327 |
|    | 02  | 0.11         | 2.7          | 0.16        | 3.3         | 0.21         | 3.6          | 0.27        | 3.2         | NNE  | 33  |
|    | 04  | 0.10         | 2.6          | 0.15        | 3.5         | 0.17         | 4.1          | 0.26        | 3.0         | E    | 86  |
|    | 06  | 0.07         | 3.1          | 0.10        | 4.0         | 0.12         | 3.7          | 0.16        | 5.9         | 欠測   | 欠測  |
|    | 08  | 0.07         | 3.0          | 0.10        | 3.9         | 0.13         | 4.5          | 0.17        | 4.1         | 欠測   | 欠測  |
|    | 10  | 0.06         | 3.2          | 0.09        | 4.5         | 0.11         | 4.8          | 0.17        | 4.0         | 欠測   | 欠測  |
|    | 12  | 0.10         | 2.2          | 0.15        | 2.6         | 0.20         | 2.4          | 0.27        | 3.3         | NNE  | 23  |
|    | 14  | * 0.49       | 2.9          | * 0.79      | 3.1         | * 1.04       | 3.0          | * 1.67      | 2.7         | NW   | 306 |
|    | 16  | 0.28         | 2.5          | 0.42        | 2.7         | 0.52         | 2.7          | 0.71        | 2.2         | N    | 7   |
|    | 18  | 0.19         | 2.3          | 0.29        | 2.3         | 0.37         | 2.2          | 0.65        | 2.2         | NE   | 47  |
|    | 20  | 0.14         | 2.3          | 0.22        | 2.4         | 0.28         | 2.2          | 0.35        | 2.2         | NW   | 324 |
|    | 22  | 0.09         | 2.6          | 0.13        | 2.9         | 0.16         | 2.9          | 0.22        | 5.0         | ENE  | 72  |
|    | 最大  | 0.49         | 2.9          | 0.79        | 3.1         | 1.04         | 3.0          | 1.67        | 2.7         |      |     |
|    | 平均  | 0.15         | 2.7          | 0.23        | 3.3         | 0.29         | 3.4          | 0.43        | 3.6         |      |     |
| 30 | 00  | 0.10         | 2.6          | 0.15        | 3.0         | 0.18         | 3.2          | 0.27        | 2.2         | NNW  | 348 |
|    | 02  | 0.09         | 3.1          | 0.13        | 4.4         | 0.16         | 4.9          | 0.26        | 7.5         | NW   | 323 |
|    | 04  | 0.09         | 3.5          | 0.13        | 4.5         | 0.16         | 5.4          | 0.19        | 5.6         | NNW  | 340 |
|    | 06  | 0.09         | 3.7          | 0.14        | 5.2         | 0.18         | 5.7          | 0.27        | 5.4         | E    | 86  |
|    | 08  | 0.09         | 3.4          | 0.14        | 4.9         | 0.17         | 6.1          | 0.24        | 4.1         | N    | 352 |
|    | 10  | 0.10         | 4.0          | 0.15        | 5.4         | 0.19         | 5.9          | 0.22        | 6.0         | NNW  | 348 |
|    | 12  | 0.09         | 3.7          | 0.14        | 5.4         | 0.16         | 6.1          | 0.20        | 7.0         | N    | 8   |
|    | 14  | 0.10         | 4.4          | 0.15        | 6.2         | 0.18         | 7.1          | 0.24        | 7.8         | 欠測   | 欠測  |
|    | 16  | 0.10         | 4.2          | 0.16        | 6.7         | 0.20         | 7.5          | 0.23        | 8.7         | NNW  | 348 |
|    | 18  | * 0.14       | 3.1          | * 0.21      | 4.0         | * 0.26       | 4.2          | 0.33        | 5.5         | N    | 352 |
|    | 20  | 0.14         | 2.7          | 0.21        | 3.4         | 0.26         | 3.6          | * 0.36      | 5.1         | NNE  | 16  |
|    | 22  | 0.11         | 3.8          | 0.16        | 6.2         | 0.21         | 6.9          | 0.29        | 7.1         | NE   | 41  |
|    | 最大  | 0.14         | 3.1          | 0.21        | 4.0         | 0.26         | 4.2          | 0.36        | 5.1         |      |     |
|    | 平均  | 0.10         | 3.5          | 0.16        | 4.9         | 0.19         | 5.6          | 0.26        | 6.0         |      |     |
| 31 | 00  | 0.09         | 4.7          | 0.14        | 6.8         | 0.19         | 7.4          | 0.26        | 7.2         | ENE  | 74  |
|    | 02  | 0.09         | 4.6          | 0.14        | 7.0         | 0.18         | 7.2          | 0.23        | 6.5         | ENE  | 57  |
|    | 04  | 0.09         | 4.5          | 0.14        | 6.7         | 0.18         | 7.0          | 0.21        | 6.9         | NE   | 37  |
|    | 06  | 0.09         | 4.4          | 0.14        | 6.6         | 0.18         | 7.1          | 0.23        | 7.0         | NNE  | 16  |
|    | 08  | 0.09         | 4.0          | 0.14        | 5.4         | 0.18         | 6.1          | 0.23        | 6.4         | 欠測   | 欠測  |
|    | 10  | 0.09         | 3.9          | 0.14        | 5.9         | 0.18         | 7.1          | 0.22        | 7.2         | ENE  | 70  |
|    | 12  | 0.10         | 3.3          | 0.16        | 4.9         | 0.21         | 5.5          | 0.33        | 6.7         | NNE  | 29  |
|    | 14  | 0.22         | 2.5          | 0.32        | 2.8         | 0.41         | 2.7          | 0.55        | 2.2         | N    | 356 |
|    | 16  | 0.36         | 2.9          | 0.55        | 3.1         | 0.70         | 3.0          | 1.02        | 3.3         | N    | 1   |
|    | 18  | * 0.42       | 3.0          | * 0.68      | 3.4         | * 0.88       | 3.3          | * 1.55      | 3.3         | NNE  | 12  |
|    | 20  | 0.41         | 3.2          | 0.65        | 3.6         | 0.83         | 3.6          | 1.20        | 3.7         | NNE  | 25  |
|    | 22  | 0.33         | 3.1          | 0.52        | 3.5         | 0.65         | 3.4          | 1.02        | 3.2         | NE   | 45  |
|    | 最大  | 0.42         | 3.0          | 0.68        | 3.4         | 0.88         | 3.3          | 1.55        | 3.3         |      |     |
|    | 平均  | 0.20         | 3.7          | 0.31        | 5.0         | 0.40         | 5.3          | 0.59        | 5.3         |      |     |
|    | 月最大 | 1.94         | 8.7          | 3.29        | 11.5        | 4.29         | 11.7         | 5.39        | 13.0        |      |     |
|    | 起時  | 0306         |              | 0308        |             | 0308         |              | 0308        |             |      |     |
|    | 平均  | 0.35         | 4.3          | 0.55        | 5.7         | 0.69         | 6.0          | 0.91        | 6.1         |      |     |

波浪整理表（1）

2021年 4月

| 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  | 346 回 |
| 欠測回数  | 0 回   | 欠測回数  | 14 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.9 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 01 | 00 | 0.21         | 3.3          | 0.32        | 3.6         | 0.41         | 3.6          | 0.53        | 3.5         | E    | 94  |
|    | 02 | 0.17         | 3.3          | 0.26        | 3.8         | 0.32         | 3.9          | 0.40        | 3.6         | 欠測   | 欠測  |
|    | 04 | 0.15         | 3.4          | 0.22        | 3.8         | 0.28         | 3.8          | 0.40        | 3.4         | 欠測   | 欠測  |
|    | 06 | 0.13         | 3.2          | 0.19        | 3.8         | 0.23         | 3.9          | 0.33        | 2.8         | N    | 8   |
|    | 08 | 0.15         | 3.0          | 0.23        | 3.4         | 0.28         | 3.3          | 0.44        | 3.2         | 欠測   | 欠測  |
|    | 10 | 0.19         | 3.2          | 0.28        | 3.3         | 0.36         | 3.2          | 0.49        | 3.1         | NNE  | 25  |
|    | 12 | 0.18         | 2.6          | 0.28        | 3.0         | 0.35         | 2.9          | 0.47        | 3.6         | WNW  | 300 |
|    | 14 | 0.36         | 2.8          | 0.56        | 3.0         | 0.71         | 3.0          | 1.17        | 2.9         | WNW  | 294 |
|    | 16 | 0.47         | 3.2          | 0.73        | 3.5         | 0.92         | 3.5          | 1.12        | 3.4         | NE   | 37  |
|    | 18 | 0.47         | 3.3          | 0.71        | 3.9         | 0.90         | 3.8          | 1.33        | 3.7         | NE   | 37  |
|    | 20 | * 0.52       | 3.4          | * 0.80      | 3.9         | * 0.96       | 3.9          | * 1.55      | 3.8         | NNE  | 29  |
|    | 22 | 0.42         | 3.8          | 0.66        | 4.3         | 0.80         | 4.1          | 1.07        | 3.9         | NNE  | 16  |
|    | 最大 | 0.52         | 3.4          | 0.80        | 3.9         | 0.96         | 3.9          | 1.55        | 3.8         |      |     |
|    | 平均 | 0.28         | 3.2          | 0.44        | 3.6         | 0.54         | 3.6          | 0.78        | 3.4         |      |     |
| 02 | 00 | 0.34         | 3.8          | 0.53        | 4.2         | 0.68         | 4.2          | 0.96        | 4.2         | N    | 8   |
|    | 02 | * 0.49       | 4.2          | * 0.79      | 4.8         | * 1.00       | 5.0          | * 1.43      | 5.1         | NNE  | 29  |
|    | 04 | 0.42         | 4.2          | 0.65        | 4.9         | 0.81         | 4.7          | 1.11        | 5.2         | NE   | 37  |
|    | 06 | 0.39         | 4.0          | 0.62        | 4.7         | 0.78         | 4.7          | 1.15        | 4.3         | NE   | 45  |
|    | 08 | 0.42         | 4.3          | 0.63        | 4.8         | 0.78         | 4.7          | 0.91        | 4.5         | NE   | 41  |
|    | 10 | 0.45         | 4.4          | 0.72        | 5.1         | 0.89         | 5.0          | 1.15        | 4.6         | NNE  | 16  |
|    | 12 | 0.35         | 4.2          | 0.54        | 5.0         | 0.66         | 4.9          | 0.88        | 4.5         | NNE  | 29  |
|    | 14 | 0.27         | 3.6          | 0.42        | 4.6         | 0.52         | 4.6          | 0.70        | 4.3         | NNE  | 20  |
|    | 16 | 0.22         | 3.7          | 0.34        | 4.5         | 0.42         | 4.6          | 0.56        | 4.3         | NNE  | 33  |
|    | 18 | 0.19         | 3.5          | 0.30        | 4.2         | 0.39         | 4.3          | 0.57        | 3.4         | NNE  | 29  |
|    | 20 | 0.18         | 3.4          | 0.27        | 4.1         | 0.35         | 4.2          | 0.46        | 3.6         | NE   | 41  |
|    | 22 | 0.18         | 3.2          | 0.28        | 4.1         | 0.34         | 4.1          | 0.47        | 4.1         | NNE  | 25  |
|    | 最大 | 0.49         | 4.2          | 0.79        | 4.8         | 1.00         | 5.0          | 1.43        | 5.1         |      |     |
|    | 平均 | 0.33         | 3.9          | 0.51        | 4.6         | 0.64         | 4.6          | 0.86        | 4.3         |      |     |
| 03 | 00 | 0.14         | 3.4          | 0.22        | 4.1         | * 0.29       | 4.0          | 0.39        | 3.7         | NE   | 53  |
|    | 02 | 0.12         | 3.6          | 0.19        | 4.2         | 0.24         | 4.2          | 0.34        | 4.1         | NE   | 49  |
|    | 04 | 0.12         | 3.5          | 0.17        | 3.8         | 0.22         | 3.8          | 0.29        | 3.3         | N    | 8   |
|    | 06 | 0.11         | 3.2          | 0.17        | 4.0         | 0.21         | 4.0          | 0.29        | 3.7         | NNE  | 20  |
|    | 08 | 0.11         | 3.1          | 0.16        | 3.7         | 0.20         | 3.6          | 0.26        | 4.0         | NNE  | 29  |
|    | 10 | 0.10         | 3.1          | 0.14        | 3.9         | 0.18         | 4.1          | 0.22        | 4.3         | NNE  | 25  |
|    | 12 | * 0.15       | 2.4          | * 0.23      | 2.5         | 0.29         | 2.3          | * 0.49      | 2.7         | NNE  | 14  |
|    | 14 | 0.14         | 2.6          | 0.21        | 2.5         | 0.27         | 2.4          | 0.34        | 2.0         | NE   | 34  |
|    | 16 | 0.09         | 2.4          | 0.14        | 2.6         | 0.17         | 2.5          | 0.26        | 2.4         | E    | 83  |
|    | 18 | 0.07         | 2.7          | 0.10        | 3.5         | 0.13         | 3.3          | 0.25        | 2.1         | 欠測   | 欠測  |
|    | 20 | 0.07         | 2.9          | 0.10        | 3.7         | 0.12         | 4.0          | 0.16        | 4.8         | 欠測   | 欠測  |
|    | 22 | 0.06         | 3.3          | 0.09        | 4.6         | 0.11         | 4.8          | 0.14        | 6.1         | NNE  | 29  |
|    | 最大 | 0.15         | 2.4          | 0.23        | 2.5         | 0.29         | 4.0          | 0.49        | 2.7         |      |     |
|    | 平均 | 0.11         | 3.0          | 0.16        | 3.6         | 0.20         | 3.6          | 0.29        | 3.6         |      |     |
| 04 | 00 | 0.10         | 2.5          | 0.16        | 3.1         | 0.21         | 2.6          | 0.36        | 1.7         | NNE  | 16  |
|    | 02 | 0.12         | 2.2          | 0.18        | 2.5         | 0.24         | 2.4          | 0.36        | 3.2         | N    | 5   |
|    | 04 | * 0.17       | 2.2          | * 0.26      | 2.4         | * 0.33       | 2.2          | * 0.46      | 1.8         | NW   | 322 |
|    | 06 | 0.09         | 3.9          | 0.14        | 5.3         | 0.17         | 5.6          | 0.20        | 5.7         | ENE  | 74  |
|    | 08 | 0.10         | 2.6          | 0.15        | 3.5         | 0.19         | 3.9          | 0.27        | 3.7         | NNW  | 348 |
|    | 10 | 0.10         | 2.3          | 0.16        | 2.7         | 0.20         | 2.8          | 0.28        | 2.0         | NNW  | 346 |
|    | 12 | 0.12         | 2.2          | 0.20        | 2.3         | 0.25         | 2.3          | 0.39        | 1.7         | WNW  | 284 |
|    | 14 | 0.06         | 3.2          | 0.09        | 4.4         | 0.11         | 5.1          | 0.18        | 4.9         | NNE  | 25  |
|    | 16 | 0.07         | 3.0          | 0.10        | 3.9         | 0.12         | 4.5          | 0.16        | 6.6         | 欠測   | 欠測  |
|    | 18 | 0.06         | 2.9          | 0.09        | 4.2         | 0.11         | 4.7          | 0.16        | 4.2         | N    | 356 |
|    | 20 | 0.05         | 4.3          | 0.08        | 6.2         | 0.10         | 7.5          | 0.14        | 10.7        | E    | 86  |
|    | 22 | 0.11         | 2.1          | 0.17        | 2.4         | 0.21         | 2.3          | 0.33        | 1.7         | ENE  | 70  |
|    | 最大 | 0.17         | 2.2          | 0.26        | 2.4         | 0.33         | 2.2          | 0.46        | 1.8         |      |     |
|    | 平均 | 0.10         | 2.8          | 0.15        | 3.6         | 0.19         | 3.8          | 0.27        | 4.0         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 4月

| 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  | 346 回 |
| 欠測回数  | 0 回   | 欠測回数  | 14 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.9 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 05 | 00 | 0.27   | 2.9   | 0.42   | 3.1  | 0.54   | 3.1   | 0.71   | 2.8  | NNE  | 16  |
|    | 02 | 0.46   | 3.4   | 0.72   | 3.8  | 0.91   | 3.8   | 1.20   | 3.9  | NE   | 49  |
|    | 04 | 0.74   | 4.1   | 1.16   | 5.1  | 1.44   | 5.2   | * 2.30 | 4.9  | NNE  | 16  |
|    | 06 | 0.81   | 4.7   | 1.28   | 6.2  | * 1.63 | 6.3   | 2.06   | 6.6  | NNE  | 20  |
|    | 08 | 0.68   | 4.9   | 1.12   | 6.9  | 1.41   | 7.7   | 1.79   | 8.9  | NNE  | 20  |
|    | 10 | 0.65   | 5.0   | 1.08   | 7.0  | 1.39   | 7.5   | 1.85   | 6.6  | NNE  | 20  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 12 | 0.68   | 5.2   | 1.08   | 7.2  | 1.38   | 7.8   | 1.65   | 7.6  | N    | 8   |
|    | 14 | 0.74   | 5.5   | 1.16   | 7.2  | 1.46   | 7.2   | 1.85   | 7.3  | NNE  | 20  |
|    | 16 | 0.69   | 4.6   | 1.09   | 5.9  | 1.46   | 7.2   | 1.77   | 8.4  | NNE  | 12  |
|    | 18 | 0.82   | 4.7   | 1.29   | 5.9  | 1.60   | 6.4   | 1.96   | 5.4  | NNE  | 16  |
|    | 20 | * 0.83 | 4.8   | * 1.30 | 6.5  | 1.56   | 6.6   | 2.00   | 7.6  | NNE  | 12  |
|    | 22 | 0.80   | 5.3   | 1.25   | 6.8  | 1.57   | 7.4   | 1.89   | 5.2  | NNE  | 20  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 最大 | 0.83   | 4.8   | 1.30   | 6.5  | 1.63   | 6.3   | 2.30   | 4.9  |      |     |
|    | 平均 | 0.68   | 4.6   | 1.08   | 6.0  | 1.36   | 6.4   | 1.75   | 6.3  |      |     |
| 06 | 00 | * 0.70 | 5.7   | * 1.14 | 7.4  | * 1.42 | 7.4   | 1.82   | 7.5  | N    | 8   |
|    | 02 | 0.67   | 5.7   | 1.05   | 7.1  | 1.32   | 7.2   | * 1.88 | 6.6  | N    | 4   |
|    | 04 | 0.57   | 5.5   | 0.92   | 7.1  | 1.15   | 7.3   | 1.35   | 6.6  | N    | 8   |
|    | 06 | 0.57   | 5.5   | 0.88   | 7.1  | 1.10   | 7.3   | 1.42   | 7.3  | N    | 8   |
|    | 08 | 0.56   | 5.5   | 0.89   | 7.0  | 1.14   | 7.9   | 1.71   | 7.8  | N    | 8   |
|    | 10 | 0.50   | 5.5   | 0.78   | 7.1  | 0.94   | 7.4   | 1.19   | 8.3  | N    | 0   |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 12 | 0.57   | 5.4   | 0.91   | 7.1  | 1.10   | 7.5   | 1.67   | 8.0  | N    | 8   |
|    | 14 | 0.48   | 4.9   | 0.77   | 6.6  | 0.99   | 7.1   | 1.29   | 6.8  | N    | 8   |
|    | 16 | 0.38   | 5.1   | 0.61   | 6.9  | 0.74   | 7.0   | 0.95   | 7.0  | N    | 8   |
|    | 18 | 0.27   | 4.6   | 0.43   | 6.4  | 0.55   | 6.6   | 0.71   | 5.6  | NNE  | 16  |
|    | 20 | 0.22   | 4.1   | 0.34   | 5.6  | 0.43   | 6.2   | 0.67   | 6.7  | NE   | 45  |
|    | 22 | 0.20   | 3.6   | 0.32   | 5.1  | 0.39   | 5.9   | 0.56   | 6.3  | NNW  | 348 |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 最大 | 0.70   | 5.7   | 1.14   | 7.4  | 1.42   | 7.4   | 1.88   | 6.6  |      |     |
|    | 平均 | 0.47   | 5.1   | 0.75   | 6.7  | 0.94   | 7.1   | 1.27   | 7.0  |      |     |
| 07 | 00 | 0.15   | 3.7   | 0.25   | 5.1  | 0.31   | 5.0   | 0.42   | 4.8  | NNE  | 16  |
|    | 02 | 0.17   | 4.4   | 0.26   | 5.4  | 0.31   | 5.7   | 0.38   | 4.6  | NE   | 37  |
|    | 04 | 0.14   | 4.5   | 0.21   | 5.5  | 0.26   | 5.6   | 0.31   | 5.3  | E    | 82  |
|    | 06 | 0.18   | 4.7   | 0.29   | 5.7  | 0.37   | 5.9   | 0.48   | 6.0  | NNE  | 20  |
|    | 08 | 0.11   | 4.0   | 0.18   | 5.2  | 0.23   | 5.5   | 0.29   | 6.3  | NE   | 41  |
|    | 10 | 0.13   | 3.6   | 0.19   | 4.4  | 0.25   | 4.3   | 0.34   | 3.7  | NNE  | 29  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 12 | 0.10   | 4.0   | 0.15   | 5.1  | 0.18   | 5.2   | 0.26   | 6.5  | E    | 86  |
|    | 14 | 0.11   | 3.2   | 0.16   | 4.3  | 0.20   | 4.3   | 0.30   | 4.3  | NNE  | 20  |
|    | 16 | 0.23   | 2.6   | 0.35   | 2.7  | 0.44   | 2.7   | * 0.66 | 2.8  | WNW  | 298 |
|    | 18 | 0.15   | 2.8   | 0.22   | 3.1  | 0.27   | 3.0   | 0.35   | 3.0  | NNE  | 22  |
|    | 20 | 0.12   | 2.7   | 0.19   | 3.3  | 0.24   | 3.6   | 0.34   | 2.8  | ENE  | 61  |
|    | 22 | * 0.24 | 2.7   | * 0.37 | 2.8  | * 0.46 | 2.8   | 0.66   | 2.7  | NE   | 34  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 最大 | 0.24   | 2.7   | 0.37   | 2.8  | 0.46   | 2.8   | 0.66   | 2.8  |      |     |
|    | 平均 | 0.15   | 3.6   | 0.23   | 4.4  | 0.29   | 4.5   | 0.40   | 4.4  |      |     |
| 08 | 00 | 0.16   | 2.9   | 0.24   | 3.2  | 0.32   | 3.1   | 0.46   | 2.9  | 欠測   | 欠測  |
|    | 02 | 0.13   | 3.2   | 0.19   | 3.7  | 0.24   | 3.6   | 0.33   | 3.3  | E    | 86  |
|    | 04 | 0.11   | 3.4   | 0.16   | 4.4  | 0.20   | 4.5   | 0.26   | 4.1  | NNE  | 16  |
|    | 06 | 0.10   | 3.1   | 0.15   | 4.1  | 0.19   | 4.1   | 0.24   | 5.6  | W    | 274 |
|    | 08 | 0.09   | 3.6   | 0.14   | 4.6  | 0.16   | 4.7   | 0.21   | 3.9  | N    | 4   |
|    | 10 | 0.10   | 2.9   | 0.14   | 3.8  | 0.18   | 4.0   | 0.24   | 3.6  | NNE  | 16  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 12 | 0.13   | 2.9   | 0.19   | 3.7  | 0.25   | 3.6   | 0.42   | 3.6  | 欠測   | 欠測  |
|    | 14 | 0.31   | 2.6   | 0.47   | 2.7  | 0.61   | 2.6   | 0.85   | 2.8  | N    | 0   |
|    | 16 | 0.50   | 3.1   | 0.81   | 3.5  | 1.02   | 3.6   | 1.40   | 3.3  | NE   | 41  |
|    | 18 | * 0.55 | 3.5   | * 0.86 | 4.0  | * 1.09 | 4.1   | * 1.48 | 4.4  | N    | 8   |
|    | 20 | 0.52   | 3.7   | 0.80   | 4.3  | 0.98   | 4.2   | 1.19   | 4.1  | N    | 8   |
|    | 22 | 0.52   | 3.5   | 0.81   | 4.1  | 1.00   | 4.2   | 1.44   | 4.1  | NNE  | 25  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 最大 | 0.55   | 3.5   | 0.86   | 4.0  | 1.09   | 4.1   | 1.48   | 4.4  |      |     |
|    | 平均 | 0.27   | 3.2   | 0.41   | 3.8  | 0.52   | 3.9   | 0.71   | 3.8  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 4月

| 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  | 346 回 |
| 欠測回数  | 0 回   | 欠測回数  | 14 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.9 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 09  | 00 | 0.43         | 3.7          | 0.67        | 4.3         | 0.84         | 4.2          | 1.07        | 4.4         | N    | 0   |
|     | 02 | 0.32         | 4.0          | 0.49        | 4.5         | 0.59         | 4.3          | 0.80        | 4.5         | NNE  | 25  |
|     | 04 | 0.26         | 4.0          | 0.41        | 4.8         | 0.52         | 4.8          | 0.69        | 6.3         | NNE  | 33  |
|     | 06 | 0.24         | 4.5          | 0.38        | 5.8         | 0.47         | 5.8          | 0.67        | 6.6         | N    | 0   |
|     | 08 | 0.21         | 4.3          | 0.32        | 5.5         | 0.40         | 5.8          | 0.65        | 7.2         | NNW  | 335 |
|     | 10 | 0.22         | 4.1          | 0.34        | 5.4         | 0.43         | 5.8          | 0.60        | 5.7         | N    | 356 |
|     | 12 | 0.21         | 4.8          | 0.34        | 5.9         | 0.43         | 5.9          | 0.59        | 6.2         | NNE  | 12  |
|     | 14 | 0.42         | 3.7          | 0.68        | 5.1         | 0.86         | 5.9          | 1.16        | 6.3         | NNE  | 16  |
|     | 16 | 0.48         | 3.6          | 0.76        | 4.8         | 0.97         | 5.6          | 1.28        | 5.5         | NNE  | 25  |
|     | 18 | * 0.66       | 4.4          | * 1.01      | 5.6         | * 1.24       | 5.6          | * 1.71      | 6.7         | NNE  | 12  |
|     | 20 | 0.56         | 3.9          | 0.90        | 5.1         | 1.13         | 5.4          | 1.60        | 5.1         | N    | 8   |
|     | 22 | 0.43         | 4.0          | 0.68        | 4.8         | 0.83         | 5.0          | 1.08        | 6.2         | NNE  | 20  |
|     | 最大 | 0.66         | 4.4          | 1.01        | 5.6         | 1.24         | 5.6          | 1.71        | 6.7         |      |     |
|     | 平均 | 0.37         | 4.1          | 0.58        | 5.1         | 0.73         | 5.3          | 0.99        | 5.9         |      |     |
| 10  | 00 | 0.31         | 3.8          | 0.49        | 4.9         | 0.63         | 4.9          | 0.86        | 4.8         | NE   | 37  |
|     | 02 | 0.27         | 4.6          | 0.43        | 5.9         | 0.52         | 5.7          | 0.59        | 5.5         | NNE  | 29  |
|     | 04 | 0.25         | 5.2          | 0.40        | 6.5         | 0.49         | 6.7          | 0.61        | 7.1         | N    | 8   |
|     | 06 | 0.44         | 7.3          | 0.70        | 9.6         | 0.88         | 9.9          | 1.24        | 9.7         | N    | 356 |
|     | 08 | 0.59         | 7.3          | 0.96        | 9.1         | 1.21         | 9.4          | 1.77        | 9.5         | N    | 0   |
|     | 10 | 0.56         | 6.7          | 0.94        | 8.6         | 1.26         | 9.0          | 1.50        | 9.7         | N    | 4   |
|     | 12 | 0.59         | 6.5          | 0.96        | 8.5         | 1.25         | 8.7          | 1.65        | 7.8         | NNE  | 12  |
|     | 14 | 0.43         | 4.8          | 0.70        | 7.1         | 0.90         | 8.1          | 1.35        | 8.7         | N    | 4   |
|     | 16 | 0.51         | 4.3          | 0.79        | 6.0         | 0.99         | 7.0          | 1.35        | 8.7         | N    | 0   |
|     | 18 | 0.56         | 4.3          | 0.89        | 6.1         | 1.14         | 7.2          | 1.74        | 8.8         | N    | 356 |
|     | 20 | 0.66         | 4.7          | 1.05        | 6.0         | 1.34         | 7.0          | * 1.97      | 5.3         | N    | 0   |
|     | 22 | * 0.71       | 6.0          | * 1.11      | 8.4         | * 1.38       | 8.9          | 1.91        | 10.8        | N    | 356 |
|     | 最大 | 0.71         | 6.0          | 1.11        | 8.4         | 1.38         | 8.9          | 1.97        | 5.3         |      |     |
|     | 平均 | 0.49         | 5.5          | 0.78        | 7.2         | 1.00         | 7.7          | 1.38        | 8.0         |      |     |
| 11  | 00 | * 0.66       | 6.6          | * 1.07      | 9.2         | * 1.31       | 9.8          | * 1.63      | 10.8        | N    | 4   |
|     | 02 | 0.53         | 6.4          | 0.86        | 8.9         | 1.05         | 9.3          | 1.51        | 10.0        | NNE  | 12  |
|     | 04 | 0.47         | 6.4          | 0.74        | 9.0         | 0.90         | 9.5          | 1.20        | 10.4        | N    | 0   |
|     | 06 | 0.40         | 6.2          | 0.64        | 8.8         | 0.76         | 9.2          | 0.93        | 8.5         | N    | 0   |
|     | 08 | 0.38         | 5.3          | 0.61        | 7.7         | 0.75         | 8.3          | 0.97        | 8.5         | N    | 0   |
|     | 10 | 0.35         | 5.1          | 0.57        | 7.2         | 0.76         | 8.6          | 1.04        | 7.1         | NNE  | 12  |
|     | 12 | 0.31         | 4.6          | 0.51        | 6.9         | 0.65         | 8.4          | 0.84        | 8.6         | N    | 0   |
|     | 14 | 0.38         | 3.6          | 0.60        | 4.9         | 0.75         | 6.7          | 1.08        | 7.7         | NNE  | 12  |
|     | 16 | 0.41         | 3.7          | 0.63        | 4.9         | 0.78         | 5.9          | 0.91        | 8.9         | N    | 8   |
|     | 18 | 0.41         | 3.9          | 0.63        | 5.0         | 0.79         | 5.2          | 1.04        | 5.2         | N    | 8   |
|     | 20 | 0.37         | 4.1          | 0.56        | 5.2         | 0.70         | 5.9          | 1.02        | 5.2         | N    | 8   |
|     | 22 | 0.31         | 4.3          | 0.48        | 5.2         | 0.61         | 5.4          | 0.83        | 4.6         | NNE  | 16  |
|     | 最大 | 0.66         | 6.6          | 1.07        | 9.2         | 1.31         | 9.8          | 1.63        | 10.8        |      |     |
|     | 平均 | 0.41         | 5.0          | 0.66        | 6.9         | 0.82         | 7.7          | 1.08        | 8.0         |      |     |
| 12  | 00 | 0.24         | 4.4          | 0.37        | 5.6         | 0.46         | 6.4          | 0.63        | 8.8         | N    | 8   |
|     | 02 | 0.21         | 3.9          | 0.33        | 5.2         | 0.41         | 5.6          | 0.57        | 4.0         | NNE  | 33  |
|     | 04 | 0.19         | 3.8          | 0.29        | 4.5         | 0.36         | 4.7          | 0.48        | 4.7         | NNE  | 16  |
|     | 06 | 0.19         | 3.8          | 0.29        | 4.5         | 0.37         | 4.4          | 0.46        | 3.7         | WNW  | 299 |
|     | 08 | 0.20         | 3.7          | 0.31        | 4.2         | 0.39         | 4.1          | 0.48        | 4.8         | E    | 86  |
|     | 10 | 0.22         | 3.4          | 0.33        | 3.9         | 0.40         | 3.9          | 0.54        | 3.9         | E    | 86  |
|     | 12 | 0.27         | 2.9          | 0.42        | 3.2         | 0.53         | 3.2          | 0.78        | 2.8         | NNE  | 25  |
|     | 14 | * 0.32       | 2.8          | * 0.50      | 3.2         | * 0.64       | 3.1          | * 0.91      | 3.1         | ENE  | 61  |
|     | 16 | 0.27         | 2.9          | 0.44        | 3.2         | 0.56         | 3.2          | 0.75        | 3.3         | NNE  | 33  |
|     | 18 | 0.18         | 3.0          | 0.26        | 3.4         | 0.31         | 3.3          | 0.42        | 3.4         | 欠測   | 欠測  |
|     | 20 | 0.14         | 2.7          | 0.21        | 3.0         | 0.26         | 3.2          | 0.34        | 3.2         | N    | 352 |
|     | 22 | 0.12         | 2.8          | 0.18        | 3.2         | 0.23         | 3.0          | 0.33        | 3.0         | 欠測   | 欠測  |
|     | 最大 | 0.32         | 2.8          | 0.50        | 3.2         | 0.64         | 3.1          | 0.91        | 3.1         |      |     |
|     | 平均 | 0.21         | 3.3          | 0.33        | 3.9         | 0.41         | 4.0          | 0.56        | 4.1         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 4月

| 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  | 346 回 |
| 欠測回数  | 0 回   | 欠測回数  | 14 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.9 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46′ -40 経度：E 137° -12′ -18

| 日 時      |      | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----------|------|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|          |      | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 13       | 00   | 0.14   | 2.1   | 0.23   | 2.3  | 0.30   | 2.0   | 0.48   | 1.7  | WNW  | 282 |
|          | 02   | 0.13   | 2.0   | 0.20   | 2.0  | 0.26   | 1.9   | 0.34   | 1.8  | WNW  | 294 |
|          | 04   | 0.12   | 2.0   | 0.19   | 2.1  | 0.27   | 2.0   | 0.44   | 1.6  | NNE  | 22  |
|          | 06   | 0.22   | 2.1   | 0.35   | 2.1  | 0.45   | 2.1   | 0.69   | 2.0  | NW   | 304 |
|          | 08   | 0.30   | 2.4   | 0.48   | 2.5  | 0.62   | 2.5   | 0.87   | 2.2  | NNE  | 26  |
|          | 10   | * 0.32 | 2.4   | * 0.50 | 2.4  | 0.63   | 2.5   | 0.83   | 2.2  | NW   | 308 |
|          |      |        |       |        |      |        |       |        |      |      |     |
|          | 12   | 0.32   | 2.3   | 0.50   | 2.4  | * 0.66 | 2.4   | * 0.97 | 2.4  | ENE  | 68  |
|          | 14   | 0.31   | 2.4   | 0.49   | 2.4  | 0.62   | 2.4   | 0.94   | 2.4  | ENE  | 74  |
|          | 16   | 0.27   | 2.4   | 0.42   | 2.4  | 0.53   | 2.3   | 0.81   | 2.1  | NNE  | 27  |
|          | 18   | 0.23   | 2.3   | 0.35   | 2.3  | 0.45   | 2.2   | 0.60   | 2.3  | NNW  | 346 |
|          | 20   | 0.13   | 2.3   | 0.20   | 2.4  | 0.26   | 2.4   | 0.43   | 1.7  | W    | 274 |
|          | 22   | 0.07   | 3.4   | 0.10   | 4.4  | 0.13   | 4.7   | 0.16   | 3.7  | NE   | 53  |
|          |      |        |       |        |      |        |       |        |      |      |     |
| 最大<br>平均 | 0.32 | 2.4    | 0.50  | 2.4    | 0.66 | 2.4    | 0.97  | 2.4    |      |      |     |
|          | 0.21 | 2.3    | 0.33  | 2.5    | 0.43 | 2.4    | 0.63  | 2.2    |      |      |     |
| 14       | 00   | 0.20   | 2.5   | 0.31   | 2.5  | 0.39   | 2.5   | 0.51   | 2.9  | NNE  | 24  |
|          | 02   | 0.24   | 2.6   | 0.37   | 2.7  | 0.48   | 2.7   | 0.69   | 2.5  | NNW  | 341 |
|          | 04   | 0.15   | 2.8   | 0.23   | 3.5  | 0.28   | 3.7   | 0.34   | 7.0  | NE   | 37  |
|          | 06   | 0.25   | 2.8   | 0.39   | 3.0  | 0.49   | 2.9   | 0.64   | 2.7  | NNE  | 23  |
|          | 08   | 0.47   | 3.4   | 0.73   | 3.8  | 0.90   | 3.8   | 1.10   | 3.5  | N    | 352 |
|          | 10   | 0.65   | 3.6   | 1.04   | 4.1  | 1.28   | 4.1   | 1.49   | 3.7  | NNE  | 12  |
|          |      |        |       |        |      |        |       |        |      |      |     |
|          | 12   | 0.73   | 3.9   | 1.16   | 4.4  | 1.43   | 4.4   | 1.98   | 4.0  | N    | 8   |
|          | 14   | * 0.87 | 4.2   | * 1.34 | 4.6  | * 1.69 | 4.6   | * 2.38 | 4.5  | NNE  | 25  |
|          | 16   | 0.61   | 4.0   | 0.94   | 4.5  | 1.22   | 4.5   | 1.79   | 4.8  | NNE  | 20  |
|          | 18   | 0.48   | 4.0   | 0.72   | 4.6  | 0.91   | 4.5   | 1.26   | 4.2  | NNE  | 12  |
|          | 20   | 0.36   | 4.3   | 0.56   | 5.1  | 0.72   | 5.2   | 0.86   | 3.8  | N    | 0   |
|          | 22   | 0.36   | 4.5   | 0.56   | 5.5  | 0.69   | 5.5   | 1.04   | 4.9  | NNE  | 29  |
|          |      |        |       |        |      |        |       |        |      |      |     |
| 最大<br>平均 | 0.87 | 4.2    | 1.34  | 4.6    | 1.69 | 4.6    | 2.38  | 4.5    |      |      |     |
|          | 0.45 | 3.5    | 0.70  | 4.0    | 0.87 | 4.0    | 1.17  | 4.0    |      |      |     |
| 15       | 00   | 0.29   | 4.5   | 0.45   | 5.5  | 0.55   | 5.8   | 0.72   | 6.3  | NE   | 37  |
|          | 02   | 0.34   | 4.5   | 0.51   | 5.3  | 0.62   | 5.4   | 0.80   | 5.4  | NE   | 45  |
|          | 04   | 0.38   | 5.0   | 0.60   | 6.5  | 0.76   | 6.8   | 1.18   | 6.0  | NNE  | 16  |
|          | 06   | 0.35   | 5.0   | 0.58   | 6.3  | 0.74   | 5.8   | 0.98   | 7.4  | NNE  | 12  |
|          | 08   | 0.37   | 4.7   | 0.62   | 6.3  | 0.77   | 6.4   | 0.92   | 6.5  | NNE  | 20  |
|          | 10   | 0.41   | 5.2   | 0.66   | 6.4  | 0.83   | 6.5   | 1.10   | 6.3  | N    | 8   |
|          |      |        |       |        |      |        |       |        |      |      |     |
|          | 12   | 0.42   | 5.4   | 0.66   | 6.6  | 0.83   | 6.8   | 1.03   | 6.3  | NNE  | 16  |
|          | 14   | 0.40   | 3.5   | 0.62   | 4.7  | 0.79   | 5.0   | 1.18   | 3.3  | N    | 4   |
|          | 16   | 0.47   | 3.5   | 0.70   | 4.0  | 0.86   | 4.0   | 1.07   | 3.5  | NNE  | 20  |
|          | 18   | 0.45   | 3.4   | 0.71   | 4.0  | 0.92   | 3.9   | * 1.35 | 4.1  | NNE  | 29  |
|          | 20   | * 0.52 | 3.8   | * 0.81 | 4.2  | * 0.99 | 4.3   | 1.27   | 4.2  | NE   | 41  |
|          | 22   | 0.39   | 4.3   | 0.59   | 4.8  | 0.73   | 4.9   | 0.91   | 4.5  | NNE  | 20  |
|          |      |        |       |        |      |        |       |        |      |      |     |
| 最大<br>平均 | 0.52 | 3.8    | 0.81  | 4.2    | 0.99 | 4.3    | 1.35  | 4.1    |      |      |     |
|          | 0.40 | 4.4    | 0.63  | 5.4    | 0.78 | 5.5    | 1.04  | 5.3    |      |      |     |
| 16       | 00   | 0.35   | 4.1   | 0.54   | 5.0  | 0.69   | 4.8   | 0.99   | 4.9  | N    | 356 |
|          | 02   | 0.34   | 4.4   | 0.52   | 4.9  | 0.63   | 4.8   | 0.79   | 4.7  | NNE  | 25  |
|          | 04   | * 0.40 | 4.5   | 0.60   | 4.9  | * 0.76 | 4.7   | * 1.12 | 4.1  | NNE  | 33  |
|          | 06   | 0.39   | 4.4   | * 0.61 | 4.8  | 0.76   | 4.7   | 0.95   | 4.3  | NNE  | 33  |
|          | 08   | 0.31   | 4.1   | 0.48   | 4.6  | 0.61   | 4.7   | 0.85   | 4.7  | NNE  | 25  |
|          | 10   | 0.21   | 3.1   | 0.33   | 4.1  | 0.41   | 4.3   | 0.51   | 4.9  | NNE  | 33  |
|          |      |        |       |        |      |        |       |        |      |      |     |
|          | 12   | 0.20   | 2.4   | 0.31   | 2.8  | 0.39   | 2.5   | 0.60   | 1.9  | NW   | 311 |
|          | 14   | 0.15   | 2.5   | 0.22   | 2.8  | 0.27   | 2.8   | 0.40   | 1.7  | N    | 359 |
|          | 16   | 0.15   | 2.2   | 0.23   | 2.3  | 0.29   | 2.0   | 0.40   | 1.7  | W    | 274 |
|          | 18   | 0.21   | 2.2   | 0.32   | 2.2  | 0.42   | 2.2   | 0.59   | 2.2  | E    | 88  |
|          | 20   | 0.17   | 2.2   | 0.26   | 2.3  | 0.34   | 2.1   | 0.58   | 2.0  | N    | 11  |
|          | 22   | 0.17   | 2.1   | 0.27   | 2.1  | 0.35   | 2.0   | 0.48   | 1.7  | NW   | 313 |
|          |      |        |       |        |      |        |       |        |      |      |     |
| 最大<br>平均 | 0.40 | 4.5    | 0.61  | 4.8    | 0.76 | 4.7    | 1.12  | 4.1    |      |      |     |
|          | 0.25 | 3.2    | 0.39  | 3.6    | 0.49 | 3.5    | 0.69  | 3.2    |      |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 4月

| 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  | 346 回 |
| 欠測回数  | 0 回   | 欠測回数  | 14 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.9 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時      |      | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----------|------|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|          |      | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 17       | 00   | 0.13   | 2.1   | 0.20   | 2.1  | 0.26   | 2.0   | 0.46   | 1.7  | NNW  | 340 |
|          | 02   | 0.09   | 2.2   | 0.13   | 2.6  | 0.16   | 2.7   | 0.27   | 2.2  | W    | 279 |
|          | 04   | 0.13   | 2.2   | 0.21   | 2.2  | 0.28   | 1.9   | * 0.48 | 2.0  | ENE  | 62  |
|          | 06   | 0.11   | 2.4   | 0.16   | 2.8  | 0.22   | 2.7   | 0.36   | 1.7  | N    | 354 |
|          | 08   | * 0.16 | 2.5   | * 0.24 | 2.8  | * 0.30 | 2.6   | 0.42   | 2.5  | NNW  | 345 |
|          | 10   | 0.12   | 2.5   | 0.18   | 3.0  | 0.23   | 2.7   | 0.31   | 2.3  | NW   | 306 |
|          |      |        |       |        |      |        |       |        |      |      |     |
|          | 12   | 0.14   | 2.5   | 0.20   | 2.9  | 0.24   | 3.3   | 0.31   | 2.0  | NNW  | 328 |
|          | 14   | 0.13   | 2.7   | 0.18   | 3.1  | 0.22   | 3.1   | 0.30   | 2.8  | N    | 6   |
|          | 16   | 0.12   | 2.8   | 0.18   | 3.2  | 0.23   | 3.1   | 0.34   | 3.0  | NNW  | 331 |
|          | 18   | 0.12   | 2.6   | 0.18   | 3.0  | 0.22   | 2.8   | 0.32   | 2.9  | W    | 276 |
|          | 20   | 0.11   | 2.6   | 0.17   | 2.9  | 0.21   | 2.9   | 0.30   | 2.5  | N    | 0   |
|          | 22   | 0.14   | 2.9   | 0.21   | 3.2  | 0.27   | 3.3   | 0.42   | 3.3  | NE   | 37  |
|          |      |        |       |        |      |        |       |        |      |      |     |
| 最大<br>平均 | 0.16 | 2.5    | 0.24  | 2.8    | 0.30 | 2.6    | 0.48  | 2.0    |      |      |     |
|          | 0.13 | 2.5    | 0.19  | 2.8    | 0.24 | 2.8    | 0.36  | 2.4    |      |      |     |
| 18       | 00   | 0.16   | 3.3   | 0.24   | 3.6  | 0.30   | 3.8   | 0.43   | 3.2  | W    | 262 |
|          | 02   | 0.40   | 2.8   | 0.61   | 3.1  | 0.77   | 3.0   | 1.14   | 2.6  | NNW  | 334 |
|          | 04   | 0.34   | 2.5   | 0.54   | 2.5  | 0.70   | 2.5   | 0.96   | 2.4  | NNE  | 21  |
|          | 06   | 0.16   | 2.2   | 0.26   | 2.2  | 0.33   | 2.1   | 0.48   | 2.2  | E    | 82  |
|          | 08   | 0.16   | 2.3   | 0.25   | 2.4  | 0.30   | 2.3   | 0.46   | 2.4  | ENE  | 72  |
|          | 10   | 0.20   | 2.2   | 0.32   | 2.3  | 0.41   | 2.3   | 0.71   | 2.3  | ENE  | 72  |
|          |      |        |       |        |      |        |       |        |      |      |     |
|          | 12   | 0.41   | 2.7   | 0.63   | 2.9  | 0.78   | 2.9   | 1.23   | 2.6  | NNE  | 22  |
|          | 14   | 0.54   | 3.1   | 0.86   | 3.4  | 1.09   | 3.4   | 1.51   | 3.4  | 欠測   | 欠測  |
|          | 16   | * 0.68 | 3.5   | * 1.02 | 3.7  | * 1.29 | 3.8   | * 1.76 | 4.1  | NW   | 307 |
|          | 18   | 0.36   | 4.1   | 0.55   | 5.8  | 0.70   | 7.7   | 0.98   | 11.0 | N    | 356 |
|          | 20   | 0.43   | 5.9   | 0.73   | 9.3  | 0.99   | 10.6  | 1.50   | 11.8 | NNW  | 344 |
|          | 22   | 0.47   | 7.8   | 0.82   | 10.8 | 1.12   | 11.6  | 1.45   | 12.1 | NNW  | 348 |
|          |      |        |       |        |      |        |       |        |      |      |     |
| 最大<br>平均 | 0.68 | 3.5    | 1.02  | 3.7    | 1.29 | 3.8    | 1.76  | 4.1    |      |      |     |
|          | 0.36 | 3.5    | 0.57  | 4.3    | 0.73 | 4.7    | 1.05  | 5.0    |      |      |     |
| 19       | 00   | 0.41   | 7.9   | 0.70   | 10.5 | 0.93   | 11.3  | 1.20   | 10.1 | NNW  | 340 |
|          | 02   | 0.41   | 8.2   | 0.70   | 10.7 | 0.90   | 10.8  | 1.28   | 10.6 | NNW  | 348 |
|          | 04   | 0.43   | 7.8   | 0.69   | 10.3 | 0.82   | 10.3  | 1.02   | 10.5 | NNE  | 12  |
|          | 06   | * 0.46 | 8.2   | * 0.74 | 10.3 | * 0.95 | 10.3  | 1.20   | 10.8 | N    | 356 |
|          | 08   | 0.38   | 7.6   | 0.64   | 10.1 | 0.81   | 10.0  | 1.08   | 10.0 | NNW  | 348 |
|          | 10   | 0.32   | 7.0   | 0.55   | 9.9  | 0.68   | 10.2  | 0.81   | 7.8  | N    | 352 |
|          |      |        |       |        |      |        |       |        |      |      |     |
|          | 12   | 0.31   | 6.1   | 0.51   | 9.4  | 0.63   | 10.0  | 0.83   | 10.1 | NNE  | 16  |
|          | 14   | 0.30   | 5.0   | 0.51   | 8.4  | 0.66   | 9.1   | 0.91   | 9.8  | N    | 8   |
|          | 16   | 0.35   | 5.2   | 0.58   | 8.6  | 0.74   | 9.5   | 1.26   | 9.9  | N    | 0   |
|          | 18   | 0.28   | 5.0   | 0.50   | 8.4  | 0.66   | 9.4   | 0.85   | 9.4  | N    | 356 |
|          | 20   | 0.37   | 6.5   | 0.64   | 9.3  | 0.83   | 9.6   | 1.19   | 9.6  | N    | 4   |
|          | 22   | 0.41   | 8.0   | 0.67   | 9.7  | 0.91   | 9.6   | * 1.32 | 9.8  | N    | 4   |
|          |      |        |       |        |      |        |       |        |      |      |     |
| 最大<br>平均 | 0.46 | 8.2    | 0.74  | 10.3   | 0.95 | 10.3   | 1.32  | 9.8    |      |      |     |
|          | 0.37 | 6.9    | 0.62  | 9.6    | 0.79 | 10.0   | 1.08  | 9.9    |      |      |     |
| 20       | 00   | 0.53   | 9.3   | 0.84   | 10.1 | 1.00   | 10.1  | 1.22   | 9.5  | N    | 8   |
|          | 02   | 0.49   | 8.0   | 0.85   | 10.2 | 1.13   | 10.3  | * 1.84 | 10.1 | N    | 8   |
|          | 04   | * 0.54 | 8.8   | * 0.89 | 10.4 | * 1.16 | 10.3  | 1.66   | 10.0 | N    | 4   |
|          | 06   | 0.50   | 7.8   | 0.82   | 10.0 | 1.04   | 9.9   | 1.32   | 9.9  | N    | 8   |
|          | 08   | 0.49   | 8.4   | 0.79   | 10.0 | 1.04   | 10.3  | 1.44   | 10.0 | N    | 4   |
|          | 10   | 0.43   | 5.4   | 0.76   | 9.3  | 1.01   | 10.1  | 1.36   | 9.4  | N    | 8   |
|          |      |        |       |        |      |        |       |        |      |      |     |
|          | 12   | 0.45   | 5.1   | 0.71   | 8.1  | 0.89   | 9.4   | 1.24   | 10.0 | N    | 8   |
|          | 14   | 0.46   | 6.3   | 0.78   | 9.5  | 0.94   | 9.4   | 1.09   | 9.1  | N    | 0   |
|          | 16   | 0.34   | 4.8   | 0.55   | 8.0  | 0.73   | 8.9   | 0.98   | 9.9  | N    | 0   |
|          | 18   | 0.30   | 4.5   | 0.49   | 7.0  | 0.65   | 8.3   | 0.84   | 9.8  | N    | 352 |
|          | 20   | 0.31   | 4.9   | 0.51   | 8.1  | 0.66   | 9.0   | 0.85   | 8.6  | N    | 4   |
|          | 22   | 0.23   | 6.7   | 0.37   | 9.2  | 0.46   | 9.2   | 0.63   | 9.0  | N    | 4   |
|          |      |        |       |        |      |        |       |        |      |      |     |
| 最大<br>平均 | 0.54 | 8.8    | 0.89  | 10.4   | 1.16 | 10.3   | 1.84  | 10.1   |      |      |     |
|          | 0.42 | 6.7    | 0.70  | 9.2    | 0.89 | 9.6    | 1.21  | 9.6    |      |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 4月

| 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  | 346 回 |
| 欠測回数  | 0 回   | 欠測回数  | 14 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.9 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|-----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|     |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 21  | 00 | * 0.32 | 8.0   | 0.51   | 10.4 | 0.64   | 10.0  | 0.81   | 10.8 | N    | 8   |
|     | 02 | 0.24   | 6.2   | 0.41   | 9.3  | 0.52   | 10.1  | 0.69   | 9.0  | NNW  | 344 |
|     | 04 | 0.29   | 5.8   | 0.50   | 10.1 | 0.67   | 11.2  | 0.93   | 11.8 | N    | 352 |
|     | 06 | 0.32   | 6.7   | * 0.58 | 10.5 | * 0.78 | 10.9  | * 1.19 | 11.3 | NNW  | 340 |
|     | 08 | 0.31   | 6.2   | 0.54   | 10.2 | 0.72   | 10.6  | 0.84   | 10.8 | N    | 0   |
|     | 10 | 0.29   | 7.1   | 0.48   | 10.0 | 0.59   | 9.8   | 0.73   | 9.9  | N    | 8   |
|     | 12 | 0.21   | 4.6   | 0.35   | 7.1  | 0.47   | 9.0   | 0.66   | 9.8  | N    | 356 |
|     | 14 | 0.18   | 3.7   | 0.27   | 5.1  | 0.34   | 6.0   | 0.42   | 6.0  | N    | 352 |
|     | 16 | 0.19   | 3.7   | 0.29   | 5.4  | 0.36   | 6.9   | 0.46   | 8.5  | NNW  | 335 |
|     | 18 | 0.23   | 3.8   | 0.35   | 5.2  | 0.43   | 6.9   | 0.64   | 7.6  | N    | 352 |
|     | 20 | 0.21   | 3.9   | 0.33   | 6.0  | 0.42   | 6.9   | 0.55   | 7.5  | N    | 0   |
|     | 22 | 0.19   | 4.1   | 0.31   | 6.2  | 0.39   | 7.0   | 0.54   | 6.7  | N    | 4   |
|     | 最大 | 0.32   | 8.0   | 0.58   | 10.5 | 0.78   | 10.9  | 1.19   | 11.3 |      |     |
|     | 平均 | 0.25   | 5.3   | 0.41   | 8.0  | 0.53   | 8.8   | 0.70   | 9.1  |      |     |
| 22  | 00 | 0.17   | 4.1   | 0.27   | 5.8  | 0.34   | 6.6   | 0.47   | 5.6  | NNE  | 29  |
|     | 02 | 0.17   | 4.9   | 0.27   | 7.0  | 0.34   | 7.5   | 0.45   | 8.9  | NNE  | 16  |
|     | 04 | 0.16   | 5.3   | 0.25   | 6.9  | 0.31   | 7.0   | 0.37   | 6.7  | NE   | 45  |
|     | 06 | 0.15   | 5.2   | 0.24   | 7.1  | 0.31   | 7.1   | 0.41   | 7.8  | N    | 4   |
|     | 08 | 0.15   | 4.7   | 0.24   | 6.8  | 0.30   | 7.2   | 0.45   | 6.4  | N    | 352 |
|     | 10 | 0.13   | 4.6   | 0.20   | 6.2  | 0.26   | 6.4   | 0.43   | 5.3  | N    | 356 |
|     | 12 | 0.12   | 4.2   | 0.19   | 6.1  | 0.23   | 6.7   | 0.31   | 8.0  | NE   | 49  |
|     | 14 | 0.13   | 4.5   | 0.19   | 6.5  | 0.24   | 6.8   | 0.32   | 8.6  | NNW  | 348 |
|     | 16 | 0.26   | 2.6   | 0.41   | 3.0  | 0.53   | 3.0   | 0.75   | 2.9  | NW   | 306 |
|     | 18 | 0.42   | 3.1   | 0.64   | 3.4  | 0.79   | 3.3   | 1.15   | 3.0  | NE   | 49  |
|     | 20 | * 0.43 | 3.3   | * 0.66 | 3.6  | * 0.84 | 3.6   | * 1.33 | 3.5  | NE   | 45  |
|     | 22 | 0.36   | 3.2   | 0.54   | 3.6  | 0.67   | 3.5   | 0.90   | 3.6  | NNE  | 20  |
|     | 最大 | 0.43   | 3.3   | 0.66   | 3.6  | 0.84   | 3.6   | 1.33   | 3.5  |      |     |
|     | 平均 | 0.22   | 4.1   | 0.34   | 5.5  | 0.43   | 5.7   | 0.61   | 5.9  |      |     |
| 23  | 00 | 0.32   | 3.3   | 0.48   | 3.6  | 0.58   | 3.6   | 0.74   | 3.6  | N    | 0   |
|     | 02 | 0.27   | 3.4   | 0.44   | 3.8  | 0.56   | 3.7   | 0.70   | 3.8  | NE   | 37  |
|     | 04 | 0.33   | 3.5   | 0.51   | 3.8  | 0.63   | 3.8   | 0.94   | 3.6  | N    | 352 |
|     | 06 | 0.33   | 3.6   | 0.54   | 4.1  | 0.67   | 4.0   | 0.86   | 3.9  | NNW  | 344 |
|     | 08 | 0.38   | 3.8   | 0.59   | 4.4  | 0.73   | 4.4   | 1.28   | 3.8  | NNE  | 20  |
|     | 10 | 0.42   | 4.0   | 0.63   | 4.6  | 0.78   | 4.5   | 1.01   | 4.7  | NNE  | 12  |
|     | 12 | 0.61   | 3.8   | 0.95   | 4.9  | 1.14   | 5.1   | 1.62   | 4.4  | NNE  | 16  |
|     | 14 | * 0.85 | 4.5   | * 1.34 | 5.4  | * 1.70 | 5.1   | * 1.99 | 4.8  | NNE  | 16  |
|     | 16 | 0.74   | 4.5   | 1.13   | 5.5  | 1.36   | 5.9   | 1.67   | 4.7  | NNE  | 29  |
|     | 18 | 0.67   | 4.3   | 1.07   | 5.5  | 1.33   | 5.9   | 1.70   | 3.8  | N    | 4   |
|     | 20 | 0.65   | 4.7   | 1.00   | 6.0  | 1.24   | 6.3   | 1.68   | 5.6  | NNE  | 12  |
|     | 22 | 0.57   | 4.9   | 0.90   | 6.4  | 1.09   | 7.4   | 1.47   | 8.4  | N    | 0   |
|     | 最大 | 0.85   | 4.5   | 1.34   | 5.4  | 1.70   | 5.1   | 1.99   | 4.8  |      |     |
|     | 平均 | 0.51   | 4.0   | 0.80   | 4.8  | 0.98   | 5.0   | 1.30   | 4.6  |      |     |
| 24  | 00 | * 0.60 | 5.1   | * 0.93 | 6.3  | * 1.16 | 6.4   | * 1.53 | 6.6  | N    | 0   |
|     | 02 | 0.53   | 4.7   | 0.83   | 5.7  | 1.03   | 5.8   | 1.33   | 5.8  | NNE  | 20  |
|     | 04 | 0.44   | 4.6   | 0.68   | 5.4  | 0.83   | 5.6   | 1.01   | 6.2  | NE   | 53  |
|     | 06 | 0.41   | 4.7   | 0.65   | 5.6  | 0.78   | 5.7   | 1.09   | 5.1  | NNE  | 12  |
|     | 08 | 0.34   | 4.0   | 0.56   | 5.1  | 0.72   | 5.0   | 0.98   | 4.4  | NNE  | 33  |
|     | 10 | 0.34   | 4.4   | 0.53   | 5.2  | 0.68   | 5.4   | 1.06   | 5.0  | NNE  | 29  |
|     | 12 | 0.28   | 4.5   | 0.43   | 4.9  | 0.52   | 5.1   | 0.63   | 6.4  | NNE  | 25  |
|     | 14 | 0.25   | 4.2   | 0.39   | 5.1  | 0.47   | 5.2   | 0.59   | 5.8  | NE   | 45  |
|     | 16 | 0.34   | 3.2   | 0.52   | 3.9  | 0.64   | 3.9   | 0.82   | 4.0  | NE   | 37  |
|     | 18 | 0.28   | 3.4   | 0.44   | 4.1  | 0.55   | 4.2   | 0.72   | 3.4  | NNW  | 331 |
|     | 20 | 0.22   | 3.3   | 0.35   | 4.1  | 0.44   | 4.1   | 0.59   | 3.7  | NNE  | 29  |
|     | 22 | 0.18   | 3.5   | 0.28   | 4.5  | 0.34   | 4.7   | 0.48   | 4.3  | N    | 0   |
|     | 最大 | 0.60   | 5.1   | 0.93   | 6.3  | 1.16   | 6.4   | 1.53   | 6.6  |      |     |
|     | 平均 | 0.35   | 4.1   | 0.55   | 5.0  | 0.68   | 5.1   | 0.90   | 5.1  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 4月

| 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  | 346 回 |
| 欠測回数  | 0 回   | 欠測回数  | 14 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.9 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 25 | 00 | 0.17         | 4.0          | 0.27        | 4.9         | 0.34         | 4.9          | 0.54        | 4.6         | NNE  | 12  |
|    | 02 | 0.17         | 2.9          | 0.26        | 3.8         | 0.34         | 3.9          | 0.48        | 4.0         | N    | 8   |
|    | 04 | 0.16         | 2.6          | 0.25        | 3.4         | 0.32         | 3.6          | 0.46        | 3.5         | NE   | 41  |
|    | 06 | 0.12         | 3.0          | 0.18        | 4.0         | 0.23         | 4.4          | 0.32        | 3.2         | NE   | 37  |
|    | 08 | 0.14         | 2.7          | 0.21        | 3.3         | 0.26         | 3.5          | 0.37        | 3.7         | ENE  | 57  |
|    | 10 | 0.14         | 2.9          | 0.22        | 3.7         | 0.28         | 3.7          | 0.39        | 4.8         | N    | 356 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.16         | 2.7          | 0.23        | 3.1         | 0.28         | 3.2          | 0.45        | 2.6         | NW   | 318 |
|    | 14 | 0.36         | 2.9          | 0.55        | 3.1         | 0.69         | 3.1          | 1.01        | 2.9         | WNW  | 291 |
|    | 16 | 0.56         | 3.4          | 0.86        | 3.9         | 1.07         | 3.9          | 1.52        | 4.1         | N    | 0   |
|    | 18 | * 0.73       | 3.9          | * 1.15      | 4.3         | * 1.44       | 4.2          | * 1.88      | 4.0         | NNE  | 20  |
|    | 20 | 0.65         | 3.8          | 1.00        | 4.4         | 1.23         | 4.4          | 1.61        | 4.5         | N    | 8   |
|    | 22 | 0.53         | 3.7          | 0.84        | 4.5         | 1.07         | 4.4          | 1.67        | 4.1         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.73         | 3.9          | 1.15        | 4.3         | 1.44         | 4.2          | 1.88        | 4.0         |      |     |
|    | 平均 | 0.32         | 3.2          | 0.50        | 3.9         | 0.63         | 3.9          | 0.89        | 3.8         |      |     |
| 26 | 00 | 0.47         | 4.1          | 0.72        | 5.0         | 0.89         | 5.3          | 1.13        | 4.6         | NNE  | 29  |
|    | 02 | 0.40         | 4.6          | 0.62        | 5.8         | 0.78         | 6.2          | 1.02        | 6.1         | NNE  | 12  |
|    | 04 | 0.36         | 5.2          | 0.56        | 6.4         | 0.71         | 6.4          | 0.92        | 5.7         | NNE  | 25  |
|    | 06 | 0.47         | 6.1          | 0.71        | 6.8         | 0.87         | 6.7          | 1.01        | 7.0         | NNE  | 20  |
|    | 08 | 0.75         | 4.3          | 1.16        | 5.3         | 1.52         | 5.5          | 2.36        | 4.4         | NNE  | 16  |
|    | 10 | 0.77         | 4.2          | 1.20        | 5.1         | 1.56         | 5.4          | 1.94        | 5.8         | N    | 8   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.71         | 3.9          | 1.13        | 4.9         | 1.36         | 4.8          | 1.75        | 4.0         | NNE  | 20  |
|    | 14 | 0.72         | 4.1          | 1.12        | 5.0         | 1.39         | 5.2          | 1.61        | 5.2         | NNE  | 12  |
|    | 16 | 0.84         | 4.9          | * 1.36      | 6.6         | * 1.81       | 7.2          | * 2.69      | 7.5         | NNE  | 25  |
|    | 18 | 0.84         | 5.1          | 1.29        | 6.7         | 1.55         | 7.5          | 2.00        | 8.6         | N    | 4   |
|    | 20 | * 0.85       | 5.3          | 1.32        | 7.2         | 1.60         | 7.2          | 2.30        | 6.8         | NNE  | 12  |
|    | 22 | 0.74         | 5.0          | 1.21        | 7.3         | 1.52         | 7.6          | 2.04        | 7.7         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.85         | 5.3          | 1.36        | 6.6         | 1.81         | 7.2          | 2.69        | 7.5         |      |     |
|    | 平均 | 0.66         | 4.7          | 1.03        | 6.0         | 1.30         | 6.3          | 1.73        | 6.1         |      |     |
| 27 | 00 | * 0.68       | 5.7          | * 1.09      | 7.4         | * 1.30       | 7.1          | 1.50        | 8.0         | N    | 8   |
|    | 02 | 0.63         | 6.2          | 0.99        | 7.5         | 1.23         | 7.8          | * 1.70      | 7.5         | NNE  | 16  |
|    | 04 | 0.54         | 6.0          | 0.84        | 7.4         | 1.10         | 7.3          | 1.54        | 7.6         | NNE  | 16  |
|    | 06 | 0.51         | 6.1          | 0.77        | 7.4         | 0.92         | 7.5          | 1.11        | 7.2         | NNE  | 12  |
|    | 08 | 0.46         | 5.9          | 0.76        | 7.4         | 0.95         | 7.1          | 1.23        | 7.5         | NNE  | 25  |
|    | 10 | 0.50         | 6.5          | 0.76        | 7.4         | 0.93         | 7.4          | 1.37        | 7.2         | NNE  | 25  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.43         | 5.8          | 0.68        | 6.9         | 0.82         | 6.9          | 1.16        | 6.9         | N    | 8   |
|    | 14 | 0.39         | 5.8          | 0.61        | 7.2         | 0.76         | 7.4          | 0.92        | 6.6         | NNE  | 25  |
|    | 16 | 0.38         | 5.9          | 0.60        | 7.0         | 0.76         | 7.1          | 0.96        | 6.9         | NNE  | 12  |
|    | 18 | 0.34         | 5.4          | 0.54        | 7.0         | 0.67         | 7.0          | 0.86        | 7.2         | N    | 8   |
|    | 20 | 0.29         | 5.5          | 0.46        | 6.5         | 0.55         | 6.6          | 0.80        | 6.7         | NNE  | 20  |
|    | 22 | 0.29         | 5.6          | 0.44        | 6.3         | 0.54         | 6.2          | 0.69        | 6.2         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.68         | 5.7          | 1.09        | 7.4         | 1.30         | 7.1          | 1.70        | 7.5         |      |     |
|    | 平均 | 0.45         | 5.9          | 0.71        | 7.1         | 0.88         | 7.1          | 1.15        | 7.1         |      |     |
| 28 | 00 | * 0.21       | 4.0          | * 0.35      | 5.6         | * 0.44       | 5.5          | 0.55        | 5.5         | N    | 356 |
|    | 02 | 0.19         | 3.4          | 0.31        | 5.1         | 0.39         | 5.4          | * 0.63      | 4.8         | NNE  | 12  |
|    | 04 | 0.18         | 3.0          | 0.28        | 4.1         | 0.35         | 4.7          | 0.57        | 4.9         | NNE  | 16  |
|    | 06 | 0.14         | 3.0          | 0.22        | 3.9         | 0.27         | 4.4          | 0.33        | 6.7         | NNE  | 20  |
|    | 08 | 0.14         | 2.4          | 0.21        | 2.9         | 0.27         | 2.5          | 0.37        | 1.7         | NNE  | 14  |
|    | 10 | 0.12         | 2.7          | 0.21        | 3.5         | 0.31         | 3.3          | 0.51        | 2.8         | NW   | 319 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.11         | 2.7          | 0.16        | 3.5         | 0.21         | 3.4          | 0.30        | 1.6         | NNE  | 16  |
|    | 14 | 0.10         | 2.1          | 0.15        | 2.3         | 0.20         | 2.2          | 0.36        | 1.6         | NW   | 312 |
|    | 16 | 0.06         | 2.9          | 0.08        | 3.8         | 0.10         | 4.4          | 0.12        | 6.9         | 欠測   | 欠測  |
|    | 18 | 0.06         | 3.1          | 0.08        | 4.3         | 0.10         | 4.7          | 0.13        | 5.9         | E    | 86  |
|    | 20 | 0.09         | 2.2          | 0.15        | 2.4         | 0.19         | 2.3          | 0.29        | 1.8         | NNW  | 348 |
|    | 22 | 0.07         | 2.4          | 0.10        | 3.0         | 0.13         | 3.0          | 0.16        | 3.9         | NW   | 321 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.21         | 4.0          | 0.35        | 5.6         | 0.44         | 5.5          | 0.63        | 4.8         |      |     |
|    | 平均 | 0.12         | 2.8          | 0.19        | 3.7         | 0.25         | 3.8          | 0.36        | 4.0         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 4月

| 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  | 346 回 |
| 欠測回数  | 0 回   | 欠測回数  | 14 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.9 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日   | 時    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|-----|------|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|     |      | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 29  | 00   | 0.06   | 3.1   | 0.08   | 4.5  | 0.10   | 5.0   | 0.14   | 5.6  | W    | 270 |
|     | 02   | 0.15   | 2.4   | 0.23   | 2.6  | 0.29   | 2.5   | 0.41   | 2.6  | N    | 3   |
|     | 04   | 0.21   | 2.6   | 0.33   | 2.7  | 0.41   | 2.7   | 0.65   | 2.6  | E    | 82  |
|     | 06   | 0.24   | 2.8   | 0.37   | 3.0  | 0.45   | 3.0   | 0.62   | 2.8  | E    | 89  |
|     | 08   | 0.20   | 2.8   | 0.31   | 2.9  | 0.39   | 2.8   | 0.55   | 2.8  | NW   | 311 |
|     | 10   | 0.35   | 3.1   | 0.52   | 3.2  | 0.64   | 3.1   | 0.91   | 2.9  | 欠測   | 欠測  |
|     | 12   | 0.55   | 3.3   | 0.86   | 3.8  | 1.06   | 3.8   | 1.41   | 3.6  | NNE  | 33  |
|     | 14   | 0.62   | 3.6   | 0.98   | 4.0  | 1.24   | 3.9   | 1.63   | 4.1  | NNE  | 12  |
|     | 16   | 0.64   | 3.6   | * 1.01 | 4.2  | * 1.31 | 4.1   | * 2.51 | 4.3  | NNE  | 20  |
|     | 18   | * 0.64 | 4.0   | 0.98   | 4.5  | 1.16   | 4.5   | 1.48   | 5.3  | NNE  | 33  |
|     | 20   | 0.41   | 3.6   | 0.64   | 4.1  | 0.78   | 4.0   | 1.10   | 4.0  | NNE  | 33  |
|     | 22   | 0.34   | 3.7   | 0.52   | 4.2  | 0.67   | 4.2   | 0.85   | 3.5  | NNE  | 29  |
|     | 最大   | 0.64   | 4.0   | 1.01   | 4.2  | 1.31   | 4.1   | 2.51   | 4.3  |      |     |
|     | 平均   | 0.37   | 3.2   | 0.57   | 3.6  | 0.71   | 3.6   | 1.02   | 3.7  |      |     |
| 30  | 00   | 0.43   | 4.3   | 0.64   | 4.6  | 0.79   | 4.6   | 0.93   | 5.0  | NNE  | 16  |
|     | 02   | 0.37   | 4.2   | 0.58   | 4.9  | 0.71   | 4.9   | 1.11   | 4.7  | NNE  | 20  |
|     | 04   | 0.34   | 4.3   | 0.53   | 4.8  | 0.64   | 4.7   | 0.81   | 4.5  | 欠測   | 欠測  |
|     | 06   | 0.33   | 4.1   | 0.50   | 4.6  | 0.62   | 4.5   | 0.77   | 4.2  | NE   | 53  |
|     | 08   | 0.31   | 3.9   | 0.47   | 4.5  | 0.58   | 4.5   | 0.69   | 4.5  | NE   | 41  |
|     | 10   | 0.35   | 4.5   | 0.56   | 5.2  | 0.72   | 5.1   | 0.95   | 5.1  | NE   | 37  |
|     | 12   | 0.38   | 3.9   | 0.61   | 5.1  | 0.76   | 5.3   | 1.01   | 5.0  | NNE  | 29  |
|     | 14   | 0.50   | 4.1   | 0.78   | 5.2  | 0.93   | 5.2   | 1.27   | 4.2  | NNE  | 16  |
|     | 16   | 0.50   | 4.8   | 0.82   | 6.2  | 1.03   | 6.0   | 1.21   | 5.7  | NNE  | 33  |
|     | 18   | * 0.56 | 6.2   | * 0.88 | 7.3  | * 1.10 | 7.2   | * 1.41 | 7.3  | NNE  | 16  |
|     | 20   | 0.50   | 6.6   | 0.81   | 7.4  | 1.02   | 7.6   | 1.25   | 7.3  | NNE  | 20  |
|     | 22   | 0.45   | 6.6   | 0.72   | 7.5  | 0.91   | 7.3   | 1.10   | 7.0  | NNE  | 12  |
|     | 最大   | 0.56   | 6.2   | 0.88   | 7.3  | 1.10   | 7.2   | 1.41   | 7.3  |      |     |
|     | 平均   | 0.42   | 4.8   | 0.66   | 5.6  | 0.82   | 5.6   | 1.04   | 5.4  |      |     |
| 月最大 | 0.87 | 4.2    | 1.36  | 6.6    | 1.81 | 7.2    | 2.69  | 7.5    |      |      |     |
|     | 起時   | 1414   |       | 2616   |      | 2616   |       | 2616   |      |      |     |
|     | 平均   | 0.34   | 4.1   | 0.53   | 5.1  | 0.67   | 5.3   | 0.91   | 5.3  |      |     |

波浪整理表（1）

2021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  | 343 回 |
| 欠測回数  | 0 回   | 欠測回数  | 29 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 7.8 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 01 | 00 | 0.38   | 6.5   | 0.60   | 7.2  | 0.75   | 7.4   | 0.96   | 6.9  | N    | 8   |
|    | 02 | 0.23   | 5.6   | 0.37   | 6.6  | 0.47   | 6.8   | 0.59   | 6.1  | NNE  | 20  |
|    | 04 | 0.18   | 5.3   | 0.28   | 6.6  | 0.35   | 6.5   | 0.45   | 6.9  | NNE  | 20  |
|    | 06 | 0.13   | 4.4   | 0.20   | 6.3  | 0.24   | 6.4   | 0.28   | 6.4  | N    | 0   |
|    | 08 | 0.13   | 4.1   | 0.22   | 5.9  | 0.28   | 6.3   | 0.40   | 6.5  | NNE  | 29  |
|    | 10 | 0.18   | 3.0   | 0.29   | 4.3  | 0.39   | 4.9   | 0.65   | 6.6  | N    | 8   |
|    | 12 | * 0.42 | 3.4   | * 0.65 | 4.0  | * 0.82 | 4.1   | * 1.04 | 3.5  | NNE  | 29  |
|    | 14 | 0.40   | 4.3   | 0.60   | 5.3  | 0.72   | 5.2   | 0.97   | 4.3  | NNE  | 25  |
|    | 16 | 0.38   | 4.6   | 0.59   | 6.0  | 0.72   | 6.3   | 0.99   | 7.3  | N    | 4   |
|    | 18 | 0.35   | 4.7   | 0.57   | 6.7  | 0.71   | 7.4   | 0.98   | 7.1  | NNE  | 29  |
|    | 20 | 0.32   | 6.2   | 0.48   | 7.1  | 0.59   | 7.3   | 0.81   | 7.1  | NNE  | 16  |
|    | 22 | 0.31   | 6.1   | 0.47   | 6.9  | 0.58   | 7.0   | 0.82   | 6.8  | NNE  | 12  |
|    | 最大 | 0.42   | 3.4   | 0.65   | 4.0  | 0.82   | 4.1   | 1.04   | 3.5  |      |     |
|    | 平均 | 0.28   | 4.9   | 0.44   | 6.1  | 0.55   | 6.3   | 0.75   | 6.3  |      |     |
| 02 | 00 | 0.21   | 4.4   | 0.35   | 6.7  | 0.43   | 7.1   | 0.55   | 7.5  | NNE  | 12  |
|    | 02 | 0.18   | 4.3   | 0.29   | 6.7  | 0.39   | 7.2   | 0.55   | 7.1  | NNE  | 12  |
|    | 04 | 0.22   | 3.5   | 0.35   | 5.5  | 0.47   | 6.6   | 0.74   | 7.3  | NNE  | 25  |
|    | 06 | 0.20   | 3.0   | 0.31   | 4.1  | 0.40   | 4.6   | 0.52   | 1.8  | NNE  | 16  |
|    | 08 | 0.18   | 2.8   | 0.28   | 4.0  | 0.35   | 4.6   | 0.48   | 2.0  | NNE  | 16  |
|    | 10 | 0.15   | 2.4   | 0.23   | 2.8  | 0.29   | 3.0   | 0.44   | 6.7  | W    | 273 |
|    | 12 | 0.13   | 2.8   | 0.19   | 4.0  | 0.25   | 4.9   | 0.32   | 6.9  | N    | 352 |
|    | 14 | 0.25   | 2.8   | 0.38   | 3.3  | 0.48   | 3.5   | 0.60   | 2.8  | N    | 8   |
|    | 16 | 0.36   | 3.6   | 0.55   | 4.9  | 0.68   | 5.3   | 0.83   | 3.3  | N    | 0   |
|    | 18 | 0.94   | 5.9   | 1.44   | 7.9  | 1.77   | 8.3   | 2.14   | 8.3  | N    | 356 |
|    | 20 | * 1.00 | 6.2   | * 1.61 | 8.4  | * 2.01 | 8.9   | * 2.66 | 10.2 | N    | 4   |
|    | 22 | 0.88   | 5.9   | 1.38   | 7.5  | 1.71   | 8.1   | 2.29   | 9.0  | N    | 0   |
|    | 最大 | 1.00   | 6.2   | 1.61   | 8.4  | 2.01   | 8.9   | 2.66   | 10.2 |      |     |
|    | 平均 | 0.39   | 4.0   | 0.61   | 5.5  | 0.77   | 6.0   | 1.01   | 6.1  |      |     |
| 03 | 00 | * 1.14 | 7.2   | * 1.67 | 8.1  | * 2.00 | 8.2   | * 2.62 | 8.4  | N    | 356 |
|    | 02 | 0.90   | 7.3   | 1.40   | 8.7  | 1.73   | 8.9   | 2.18   | 8.1  | N    | 4   |
|    | 04 | 0.93   | 8.3   | 1.53   | 9.5  | 1.86   | 9.2   | 2.08   | 9.6  | N    | 8   |
|    | 06 | 0.76   | 8.4   | 1.16   | 9.6  | 1.43   | 9.7   | 1.90   | 9.0  | N    | 4   |
|    | 08 | 0.59   | 8.3   | 0.94   | 9.6  | 1.24   | 9.8   | 1.96   | 9.3  | N    | 8   |
|    | 10 | 0.40   | 5.3   | 0.70   | 8.7  | 0.95   | 9.2   | 1.22   | 9.3  | NNE  | 12  |
|    | 12 | 0.32   | 5.0   | 0.56   | 8.4  | 0.77   | 9.1   | 1.09   | 9.1  | N    | 8   |
|    | 14 | 0.35   | 4.0   | 0.54   | 6.0  | 0.69   | 8.2   | 0.85   | 7.5  | N    | 0   |
|    | 16 | 0.30   | 3.6   | 0.47   | 5.3  | 0.58   | 6.8   | 0.81   | 8.9  | N    | 0   |
|    | 18 | 0.27   | 4.5   | 0.45   | 7.2  | 0.56   | 8.6   | 0.67   | 10.0 | NNW  | 348 |
|    | 20 | 0.33   | 7.0   | 0.54   | 9.6  | 0.65   | 9.7   | 0.79   | 9.5  | N    | 352 |
|    | 22 | 0.34   | 7.5   | 0.57   | 9.3  | 0.73   | 9.6   | 0.95   | 9.3  | N    | 0   |
|    | 最大 | 1.14   | 7.2   | 1.67   | 8.1  | 2.00   | 8.2   | 2.62   | 8.4  |      |     |
|    | 平均 | 0.55   | 6.4   | 0.88   | 8.3  | 1.10   | 8.9   | 1.43   | 9.0  |      |     |
| 04 | 00 | 0.30   | 6.4   | 0.53   | 9.2  | 0.69   | 9.8   | 1.04   | 8.8  | N    | 4   |
|    | 02 | 0.29   | 6.5   | 0.50   | 9.2  | 0.64   | 9.3   | 0.90   | 9.4  | N    | 8   |
|    | 04 | 0.28   | 6.8   | 0.48   | 9.7  | 0.62   | 9.9   | 0.91   | 9.1  | N    | 356 |
|    | 06 | 0.32   | 8.2   | 0.53   | 10.5 | 0.63   | 10.6  | 0.72   | 11.1 | N    | 0   |
|    | 08 | 0.29   | 7.4   | 0.48   | 10.0 | 0.60   | 10.0  | 0.83   | 9.8  | NNW  | 348 |
|    | 10 | 0.32   | 7.9   | 0.52   | 10.4 | 0.64   | 10.2  | 0.82   | 10.0 | N    | 352 |
|    | 12 | 0.31   | 7.0   | 0.53   | 10.0 | 0.65   | 9.9   | 0.75   | 9.5  | N    | 0   |
|    | 14 | 0.40   | 8.4   | * 0.66 | 10.3 | * 0.84 | 10.6  | * 1.11 | 10.5 | N    | 356 |
|    | 16 | 0.39   | 8.0   | 0.63   | 10.2 | 0.79   | 10.3  | 0.91   | 10.6 | NNE  | 16  |
|    | 18 | 0.29   | 6.6   | 0.50   | 10.2 | 0.65   | 10.0  | 0.95   | 9.9  | N    | 352 |
|    | 20 | 0.34   | 8.5   | 0.57   | 10.9 | 0.72   | 10.6  | 0.86   | 10.3 | N    | 8   |
|    | 22 | * 0.41 | 8.9   | 0.65   | 10.8 | 0.82   | 11.2  | 1.07   | 10.8 | N    | 0   |
|    | 最大 | 0.41   | 8.9   | 0.66   | 10.3 | 0.84   | 10.6  | 1.11   | 10.5 |      |     |
|    | 平均 | 0.33   | 7.5   | 0.55   | 10.1 | 0.69   | 10.2  | 0.91   | 10.0 |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 343 回 |
| 欠測回数  | 0 回   | 欠測回数  | 29 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 7.8 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|-----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|     |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 05  | 00 | 0.39   | 8.6   | 0.65   | 11.5 | 0.82   | 11.5  | 1.00   | 12.2 | N    | 356 |
|     | 02 | 0.42   | 8.1   | 0.72   | 11.8 | 0.93   | 11.8  | 1.24   | 11.3 | N    | 8   |
|     | 04 | 0.43   | 7.6   | * 0.74 | 11.7 | 0.96   | 11.7  | 1.12   | 12.1 | N    | 352 |
|     | 06 | * 0.45 | 4.6   | 0.74   | 7.8  | * 0.99 | 11.0  | * 1.33 | 11.3 | NNW  | 348 |
|     | 08 | 0.30   | 5.5   | 0.55   | 9.9  | 0.70   | 11.0  | 0.87   | 11.2 | N    | 356 |
|     | 10 | 0.23   | 4.5   | 0.39   | 7.9  | 0.55   | 10.2  | 0.80   | 10.5 | N    | 0   |
|     | 12 | 0.25   | 3.6   | 0.41   | 5.6  | 0.57   | 8.5   | 0.98   | 10.4 | N    | 352 |
|     | 14 | 0.26   | 3.7   | 0.44   | 5.8  | 0.61   | 8.3   | 0.88   | 10.4 | N    | 8   |
|     | 16 | 0.25   | 8.3   | 0.41   | 10.8 | 0.52   | 10.6  | 0.61   | 11.0 | N    | 0   |
|     | 18 | 0.33   | 8.4   | 0.58   | 10.4 | 0.78   | 10.3  | 0.92   | 10.4 | N    | 8   |
|     | 20 | 0.26   | 5.6   | 0.46   | 9.5  | 0.62   | 10.0  | 0.91   | 10.1 | NNE  | 12  |
|     | 22 | 0.22   | 5.3   | 0.38   | 9.1  | 0.49   | 10.0  | 0.65   | 10.0 | NNE  | 25  |
|     | 最大 | 0.45   | 4.6   | 0.74   | 11.7 | 0.99   | 11.0  | 1.33   | 11.3 |      |     |
|     | 平均 | 0.32   | 6.1   | 0.54   | 9.3  | 0.71   | 10.4  | 0.94   | 10.9 |      |     |
| 06  | 00 | * 0.19 | 6.7   | * 0.33 | 10.1 | * 0.44 | 9.9   | * 0.67 | 9.1  | NNE  | 29  |
|     | 02 | 0.13   | 5.6   | 0.24   | 9.2  | 0.31   | 9.8   | 0.42   | 9.6  | N    | 0   |
|     | 04 | 0.13   | 6.6   | 0.20   | 9.6  | 0.25   | 9.8   | 0.31   | 8.9  | N    | 8   |
|     | 06 | 0.12   | 5.5   | 0.19   | 8.1  | 0.24   | 8.8   | 0.34   | 8.6  | NNW  | 335 |
|     | 08 | 0.12   | 5.3   | 0.18   | 8.3  | 0.23   | 9.1   | 0.31   | 10.7 | N    | 4   |
|     | 10 | 0.12   | 4.5   | 0.19   | 6.5  | 0.25   | 7.5   | 0.34   | 7.7  | NW   | 311 |
|     | 12 | 0.11   | 4.3   | 0.17   | 6.4  | 0.21   | 7.1   | 0.28   | 8.4  | NNE  | 20  |
|     | 14 | 0.13   | 3.1   | 0.20   | 4.4  | 0.25   | 6.1   | 0.40   | 8.1  | NNW  | 348 |
|     | 16 | 0.12   | 2.9   | 0.18   | 3.8  | 0.23   | 4.5   | 0.31   | 1.8  | N    | 0   |
|     | 18 | 0.10   | 3.4   | 0.15   | 5.0  | 0.18   | 6.3   | 0.24   | 9.4  | N    | 4   |
|     | 20 | 0.08   | 4.4   | 0.11   | 6.4  | 0.15   | 7.2   | 0.21   | 7.9  | NE   | 45  |
|     | 22 | 0.08   | 4.1   | 0.11   | 6.2  | 0.14   | 7.4   | 0.18   | 10.0 | N    | 4   |
|     | 最大 | 0.19   | 6.7   | 0.33   | 10.1 | 0.44   | 9.9   | 0.67   | 9.1  |      |     |
|     | 平均 | 0.12   | 4.7   | 0.19   | 7.0  | 0.24   | 7.8   | 0.33   | 8.4  |      |     |
| 07  | 00 | 0.07   | 4.1   | 0.11   | 6.2  | 0.14   | 7.1   | 0.19   | 7.7  | N    | 8   |
|     | 02 | 0.08   | 4.1   | 0.12   | 6.2  | 0.15   | 7.7   | 0.19   | 7.4  | NW   | 323 |
|     | 04 | 0.08   | 3.8   | 0.12   | 5.3  | 0.14   | 5.9   | 0.19   | 7.8  | 欠測   | 欠測  |
|     | 06 | 0.09   | 2.8   | 0.14   | 3.7  | 0.19   | 3.9   | 0.30   | 2.1  | E    | 82  |
|     | 08 | 0.07   | 3.5   | 0.11   | 5.1  | 0.13   | 5.5   | 0.20   | 7.5  | N    | 352 |
|     | 10 | 0.08   | 3.3   | 0.11   | 4.6  | 0.13   | 5.0   | 0.17   | 7.4  | N    | 4   |
|     | 12 | 0.08   | 3.9   | 0.12   | 5.2  | 0.16   | 5.4   | 0.24   | 4.1  | 欠測   | 欠測  |
|     | 14 | 0.11   | 2.2   | 0.16   | 2.7  | 0.22   | 2.8   | 0.30   | 3.3  | NNW  | 347 |
|     | 16 | 0.07   | 2.7   | 0.11   | 3.7  | 0.14   | 4.0   | 0.21   | 1.8  | 欠測   | 欠測  |
|     | 18 | 0.11   | 2.1   | 0.17   | 2.4  | 0.22   | 2.0   | 0.36   | 1.7  | WNW  | 291 |
|     | 20 | * 0.12 | 2.3   | * 0.18 | 2.5  | * 0.25 | 2.1   | * 0.43 | 1.7  | N    | 9   |
|     | 22 | 0.10   | 2.2   | 0.15   | 2.4  | 0.20   | 2.4   | 0.33   | 1.9  | NNW  | 347 |
|     | 最大 | 0.12   | 2.3   | 0.18   | 2.5  | 0.25   | 2.1   | 0.43   | 1.7  |      |     |
|     | 平均 | 0.09   | 3.1   | 0.13   | 4.2  | 0.17   | 4.5   | 0.26   | 4.5  |      |     |
| 08  | 00 | 0.12   | 2.1   | 0.19   | 2.1  | 0.26   | 2.0   | 0.43   | 2.0  | ENE  | 76  |
|     | 02 | 0.11   | 2.1   | 0.18   | 2.1  | 0.23   | 2.0   | 0.39   | 2.0  | NNW  | 343 |
|     | 04 | 0.07   | 2.7   | 0.10   | 3.7  | 0.12   | 4.4   | 0.16   | 5.8  | 欠測   | 欠測  |
|     | 06 | 0.07   | 2.6   | 0.11   | 3.3  | 0.14   | 3.6   | 0.17   | 3.2  | NW   | 311 |
|     | 08 | 0.07   | 3.2   | 0.10   | 4.4  | 0.12   | 5.4   | 0.15   | 8.5  | NNW  | 348 |
|     | 10 | 0.16   | 2.2   | 0.25   | 2.3  | 0.33   | 2.2   | 0.42   | 1.7  | W    | 279 |
|     | 12 | 0.19   | 2.4   | 0.29   | 2.5  | 0.38   | 2.4   | 0.51   | 2.4  | NNW  | 334 |
|     | 14 | * 0.22 | 2.7   | * 0.33 | 2.8  | * 0.42 | 2.8   | * 0.52 | 3.0  | WNW  | 299 |
|     | 16 | 0.14   | 2.8   | 0.21   | 3.2  | 0.26   | 3.1   | 0.42   | 3.1  | 欠測   | 欠測  |
|     | 18 | 0.11   | 2.6   | 0.17   | 3.1  | 0.21   | 3.1   | 0.29   | 2.7  | NNW  | 330 |
|     | 20 | 0.08   | 3.0   | 0.11   | 3.9  | 0.14   | 4.7   | 0.18   | 4.3  | NNE  | 12  |
|     | 22 | 0.09   | 2.9   | 0.13   | 3.8  | 0.16   | 3.8   | 0.21   | 2.6  | NW   | 323 |
|     | 最大 | 0.22   | 2.7   | 0.33   | 2.8  | 0.42   | 2.8   | 0.52   | 3.0  |      |     |
|     | 平均 | 0.12   | 2.6   | 0.18   | 3.1  | 0.23   | 3.3   | 0.32   | 3.4  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 343 回 |
| 欠測回数  | 0 回   | 欠測回数  | 29 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 7.8 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46′ -40 経度：E 137° -12′ -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 09 | 00 | 0.08         | 3.2          | 0.12        | 4.3         | 0.15         | 4.8          | 0.21        | 4.1         | ENE  | 61  |
|    | 02 | 0.11         | 2.3          | 0.17        | 2.6         | 0.21         | 2.3          | 0.30        | 1.8         | NNW  | 338 |
|    | 04 | 0.07         | 3.1          | 0.11        | 4.4         | 0.14         | 5.1          | 0.21        | 6.2         | WNW  | 299 |
|    | 06 | 0.08         | 2.7          | 0.12        | 3.7         | 0.16         | 4.4          | 0.21        | 1.6         | 欠測   | 欠測  |
|    | 08 | 0.22         | 2.5          | 0.34        | 2.7         | 0.45         | 2.8          | 0.81        | 3.0         | NNW  | 336 |
|    | 10 | 0.14         | 2.2          | 0.22        | 2.3         | 0.29         | 2.1          | 0.43        | 2.0         | NNE  | 12  |
|    | 12 | 0.23         | 2.4          | 0.36        | 2.5         | 0.45         | 2.4          | 0.64        | 2.6         | ENE  | 70  |
|    | 14 | * 0.30       | 2.6          | * 0.46      | 2.7         | * 0.58       | 2.7          | * 0.84      | 2.3         | WNW  | 294 |
|    | 16 | 0.19         | 2.5          | 0.29        | 2.7         | 0.35         | 2.6          | 0.47        | 2.5         | NW   | 309 |
|    | 18 | 0.13         | 2.6          | 0.21        | 3.0         | 0.26         | 2.8          | 0.35        | 2.7         | ENE  | 58  |
|    | 20 | 0.09         | 2.9          | 0.13        | 3.9         | 0.16         | 4.3          | 0.21        | 7.8         | 欠測   | 欠測  |
|    | 22 | 0.07         | 3.5          | 0.11        | 5.4         | 0.14         | 6.0          | 0.18        | 5.2         | N    | 356 |
|    | 最大 | 0.30         | 2.6          | 0.46        | 2.7         | 0.58         | 2.7          | 0.84        | 2.3         |      |     |
|    | 平均 | 0.14         | 2.7          | 0.22        | 3.3         | 0.28         | 3.5          | 0.40        | 3.5         |      |     |
| 10 | 00 | 0.07         | 3.5          | 0.11        | 5.4         | 0.14         | 6.8          | 0.18        | 7.8         | 欠測   | 欠測  |
|    | 02 | 0.07         | 4.0          | 0.11        | 6.5         | 0.14         | 7.7          | 0.20        | 10.4        | 欠測   | 欠測  |
|    | 04 | 0.08         | 3.4          | 0.13        | 5.3         | 0.17         | 6.7          | 0.21        | 8.0         | N    | 4   |
|    | 06 | 0.08         | 4.1          | 0.13        | 6.5         | 0.17         | 7.3          | 0.19        | 10.6        | NNW  | 327 |
|    | 08 | 0.09         | 4.3          | 0.13        | 6.6         | 0.16         | 7.1          | 0.20        | 8.5         | N    | 352 |
|    | 10 | 0.09         | 4.1          | 0.14        | 6.1         | 0.18         | 7.4          | 0.23        | 6.7         | NE   | 41  |
|    | 12 | 0.09         | 4.4          | 0.14        | 6.4         | 0.19         | 7.7          | 0.25        | 6.4         | 欠測   | 欠測  |
|    | 14 | 0.11         | 3.5          | 0.16        | 5.2         | 0.19         | 6.0          | 0.26        | 6.4         | NNE  | 33  |
|    | 16 | 0.15         | 2.5          | 0.22        | 2.8         | 0.28         | 2.6          | * 0.42      | 2.1         | WNW  | 302 |
|    | 18 | 0.11         | 3.7          | 0.17        | 5.9         | 0.22         | 7.9          | 0.37        | 9.0         | NNE  | 12  |
|    | 20 | 0.12         | 4.8          | 0.19        | 7.5         | 0.25         | 8.9          | 0.31        | 9.3         | NNE  | 29  |
|    | 22 | * 0.16       | 7.2          | * 0.25      | 9.1         | * 0.31       | 9.4          | 0.39        | 8.6         | NNW  | 348 |
|    | 最大 | 0.16         | 7.2          | 0.25        | 9.1         | 0.31         | 9.4          | 0.42        | 2.1         |      |     |
|    | 平均 | 0.10         | 4.1          | 0.16        | 6.1         | 0.20         | 7.1          | 0.27        | 7.8         |      |     |
| 11 | 00 | 0.12         | 4.6          | 0.20        | 7.8         | 0.26         | 9.8          | 0.32        | 9.1         | NW   | 311 |
|    | 02 | 0.20         | 6.7          | 0.32        | 9.5         | 0.39         | 9.4          | 0.51        | 8.4         | NNW  | 348 |
|    | 04 | 0.22         | 6.5          | 0.36        | 8.9         | 0.43         | 9.0          | 0.52        | 9.2         | N    | 352 |
|    | 06 | 0.26         | 6.7          | 0.43        | 8.9         | 0.56         | 8.7          | 0.70        | 8.9         | N    | 8   |
|    | 08 | 0.26         | 6.0          | 0.42        | 7.9         | 0.54         | 8.1          | 0.71        | 8.0         | N    | 8   |
|    | 10 | 0.27         | 6.3          | 0.45        | 8.2         | 0.57         | 7.9          | 0.80        | 7.6         | NNE  | 25  |
|    | 12 | 0.35         | 6.5          | 0.56        | 8.0         | 0.70         | 8.4          | 0.83        | 8.9         | N    | 352 |
|    | 14 | 0.26         | 4.3          | 0.43        | 6.6         | 0.56         | 7.5          | 0.71        | 8.2         | N    | 0   |
|    | 16 | 0.44         | 3.3          | 0.65        | 4.1         | 0.81         | 4.4          | 1.16        | 6.5         | N    | 4   |
|    | 18 | * 0.57       | 4.4          | * 0.88      | 6.1         | * 1.13       | 6.9          | * 1.46      | 8.0         | N    | 8   |
|    | 20 | 0.51         | 4.7          | 0.81        | 6.8         | 1.04         | 8.6          | 1.40        | 9.6         | NNW  | 340 |
|    | 22 | 0.43         | 5.4          | 0.70        | 8.3         | 0.90         | 9.1          | 1.31        | 7.3         | N    | 352 |
|    | 最大 | 0.57         | 4.4          | 0.88        | 6.1         | 1.13         | 6.9          | 1.46        | 8.0         |      |     |
|    | 平均 | 0.32         | 5.4          | 0.52        | 7.6         | 0.66         | 8.2          | 0.87        | 8.3         |      |     |
| 12 | 00 | 0.45         | 7.0          | 0.75        | 10.0        | 0.93         | 10.3         | 1.10        | 11.1        | N    | 4   |
|    | 02 | 0.44         | 7.0          | 0.72        | 10.0        | 0.88         | 10.5         | 1.06        | 11.4        | N    | 4   |
|    | 04 | 0.50         | 5.4          | 0.81        | 7.7         | 1.02         | 8.9          | 1.41        | 9.8         | N    | 0   |
|    | 06 | 0.53         | 4.6          | 0.82        | 6.1         | 1.03         | 6.6          | 1.46        | 4.8         | NNE  | 29  |
|    | 08 | 0.44         | 4.4          | 0.68        | 5.6         | 0.84         | 5.8          | 1.17        | 3.8         | NNE  | 25  |
|    | 10 | 0.54         | 4.9          | 0.83        | 6.1         | 1.03         | 6.1          | 1.27        | 5.3         | NNE  | 16  |
|    | 12 | * 0.59       | 4.4          | * 0.93      | 5.5         | * 1.18       | 5.7          | 1.65        | 5.0         | N    | 8   |
|    | 14 | 0.54         | 4.3          | 0.83        | 5.1         | 1.05         | 5.5          | * 1.67      | 4.1         | NNE  | 25  |
|    | 16 | 0.51         | 4.6          | 0.78        | 5.8         | 1.00         | 6.0          | 1.41        | 5.1         | NNE  | 16  |
|    | 18 | 0.45         | 4.6          | 0.70        | 5.9         | 0.86         | 6.1          | 1.13        | 4.5         | NNE  | 33  |
|    | 20 | 0.45         | 4.6          | 0.69        | 5.7         | 0.83         | 6.0          | 1.12        | 6.3         | N    | 4   |
|    | 22 | 0.35         | 4.6          | 0.54        | 5.5         | 0.67         | 5.6          | 0.91        | 5.3         | NE   | 45  |
|    | 最大 | 0.59         | 4.4          | 0.93        | 5.5         | 1.18         | 5.7          | 1.67        | 4.1         |      |     |
|    | 平均 | 0.48         | 5.0          | 0.76        | 6.6         | 0.94         | 6.9          | 1.28        | 6.4         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 343 回 |
| 欠測回数  | 0 回   | 欠測回数  | 29 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 7.8 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 13 | 00 | * 0.33 | 4.3   | * 0.54 | 5.6  | * 0.71 | 5.8   | * 1.16 | 6.0  | NNE  | 33  |
|    | 02 | 0.33   | 4.3   | 0.51   | 5.6  | 0.63   | 6.3   | 0.81   | 5.0  | NNE  | 12  |
|    | 04 | 0.30   | 4.6   | 0.48   | 6.2  | 0.60   | 6.1   | 0.80   | 5.8  | NNE  | 20  |
|    | 06 | 0.29   | 4.7   | 0.45   | 6.6  | 0.56   | 6.9   | 0.73   | 4.7  | N    | 0   |
|    | 08 | 0.24   | 4.2   | 0.36   | 5.5  | 0.45   | 6.2   | 0.57   | 5.5  | NNE  | 16  |
|    | 10 | 0.21   | 4.4   | 0.32   | 5.7  | 0.40   | 5.8   | 0.48   | 6.2  | NNE  | 12  |
|    | 12 | 0.22   | 4.1   | 0.34   | 5.9  | 0.43   | 6.1   | 0.57   | 8.0  | N    | 4   |
|    | 14 | 0.18   | 3.8   | 0.28   | 5.4  | 0.36   | 5.8   | 0.44   | 5.3  | E    | 94  |
|    | 16 | 0.18   | 3.7   | 0.27   | 4.9  | 0.33   | 5.2   | 0.43   | 7.5  | NNE  | 20  |
|    | 18 | 0.17   | 3.7   | 0.27   | 4.7  | 0.34   | 4.9   | 0.47   | 4.1  | N    | 356 |
|    | 20 | 0.18   | 3.2   | 0.28   | 4.2  | 0.34   | 4.3   | 0.43   | 5.1  | N    | 8   |
|    | 22 | 0.15   | 3.7   | 0.23   | 4.5  | 0.28   | 4.7   | 0.37   | 4.2  | ENE  | 61  |
|    | 最大 | 0.33   | 4.3   | 0.54   | 5.6  | 0.71   | 5.8   | 1.16   | 6.0  |      |     |
|    | 平均 | 0.23   | 4.1   | 0.36   | 5.4  | 0.45   | 5.7   | 0.61   | 5.6  |      |     |
| 14 | 00 | 0.13   | 3.4   | 0.20   | 4.3  | 0.25   | 4.2   | 0.30   | 4.4  | NNE  | 12  |
|    | 02 | 0.13   | 3.7   | 0.19   | 4.5  | 0.24   | 4.4   | 0.31   | 3.9  | ENE  | 70  |
|    | 04 | 0.13   | 3.9   | 0.20   | 4.7  | 0.26   | 4.6   | 0.36   | 4.5  | NE   | 41  |
|    | 06 | 0.15   | 3.8   | 0.24   | 4.4  | 0.29   | 4.3   | 0.38   | 4.2  | ENE  | 57  |
|    | 08 | 0.14   | 3.5   | 0.20   | 4.2  | 0.25   | 4.1   | 0.33   | 3.8  | 欠測   | 欠測  |
|    | 10 | 0.14   | 3.8   | 0.21   | 4.3  | 0.26   | 4.0   | 0.32   | 4.0  | N    | 356 |
|    | 12 | 0.15   | 3.3   | 0.23   | 4.1  | 0.28   | 4.2   | 0.41   | 4.2  | NE   | 49  |
|    | 14 | 0.11   | 3.3   | 0.16   | 4.2  | 0.20   | 4.5   | 0.28   | 3.9  | N    | 356 |
|    | 16 | * 0.24 | 2.5   | * 0.37 | 2.7  | * 0.47 | 2.6   | * 0.74 | 2.8  | E    | 83  |
|    | 18 | 0.18   | 2.7   | 0.27   | 2.8  | 0.33   | 2.8   | 0.46   | 2.5  | ENE  | 57  |
|    | 20 | 0.15   | 2.5   | 0.24   | 2.7  | 0.30   | 2.6   | 0.45   | 2.5  | WNW  | 283 |
|    | 22 | 0.15   | 2.5   | 0.23   | 2.8  | 0.29   | 2.7   | 0.43   | 2.9  | W    | 271 |
|    | 最大 | 0.24   | 2.5   | 0.37   | 2.7  | 0.47   | 2.6   | 0.74   | 2.8  |      |     |
|    | 平均 | 0.15   | 3.2   | 0.23   | 3.8  | 0.28   | 3.8   | 0.40   | 3.6  |      |     |
| 15 | 00 | 0.12   | 2.6   | 0.18   | 2.9  | 0.22   | 2.8   | 0.34   | 2.6  | N    | 8   |
|    | 02 | 0.13   | 2.6   | 0.20   | 3.1  | 0.24   | 3.1   | 0.33   | 2.7  | NE   | 40  |
|    | 04 | 0.13   | 2.5   | 0.18   | 2.8  | 0.22   | 2.7   | 0.30   | 2.9  | NE   | 49  |
|    | 06 | 0.12   | 2.4   | 0.17   | 2.9  | 0.22   | 2.9   | 0.33   | 2.8  | ENE  | 60  |
|    | 08 | * 0.20 | 3.3   | * 0.31 | 3.8  | * 0.38 | 3.8   | 0.51   | 4.1  | ENE  | 74  |
|    | 10 | 0.19   | 3.6   | 0.29   | 4.1  | 0.35   | 4.1   | 0.46   | 3.1  | NNE  | 29  |
|    | 12 | 0.19   | 3.4   | 0.29   | 4.1  | 0.36   | 4.1   | * 0.52 | 4.2  | NNE  | 25  |
|    | 14 | 0.18   | 3.1   | 0.28   | 3.9  | 0.35   | 4.2   | 0.46   | 4.4  | N    | 4   |
|    | 16 | 0.17   | 2.9   | 0.25   | 3.6  | 0.32   | 3.7   | 0.50   | 3.1  | NE   | 49  |
|    | 18 | 0.16   | 3.4   | 0.24   | 4.0  | 0.29   | 4.1   | 0.38   | 4.8  | NE   | 53  |
|    | 20 | 0.13   | 3.1   | 0.19   | 3.8  | 0.24   | 3.7   | 0.31   | 4.1  | NE   | 53  |
|    | 22 | 0.14   | 2.3   | 0.21   | 2.8  | 0.26   | 2.8   | 0.36   | 1.8  | ENE  | 76  |
|    | 最大 | 0.20   | 3.3   | 0.31   | 3.8  | 0.38   | 3.8   | 0.52   | 4.2  |      |     |
|    | 平均 | 0.16   | 2.9   | 0.23   | 3.5  | 0.29   | 3.5   | 0.40   | 3.4  |      |     |
| 16 | 00 | 0.18   | 2.1   | 0.29   | 2.1  | 0.38   | 2.1   | 0.57   | 2.1  | WNW  | 291 |
|    | 02 | 0.16   | 2.1   | 0.25   | 2.1  | 0.35   | 2.0   | 0.56   | 2.0  | E    | 80  |
|    | 04 | 0.18   | 2.1   | 0.29   | 2.1  | 0.37   | 2.1   | 0.61   | 2.2  | N    | 4   |
|    | 06 | 0.20   | 2.2   | 0.30   | 2.2  | 0.39   | 2.2   | 0.56   | 2.0  | WNW  | 301 |
|    | 08 | 0.28   | 2.3   | 0.44   | 2.4  | 0.57   | 2.4   | * 0.91 | 2.3  | NE   | 50  |
|    | 10 | 0.23   | 2.2   | 0.37   | 2.3  | 0.49   | 2.2   | 0.67   | 2.3  | WNW  | 295 |
|    | 12 | 0.23   | 2.2   | 0.37   | 2.2  | 0.48   | 2.1   | 0.68   | 2.2  | ENE  | 60  |
|    | 14 | 0.18   | 2.1   | 0.29   | 2.2  | 0.39   | 2.1   | 0.56   | 2.0  | ENE  | 78  |
|    | 16 | 0.21   | 2.2   | 0.33   | 2.3  | 0.41   | 2.2   | 0.55   | 1.8  | NW   | 306 |
|    | 18 | 0.19   | 2.1   | 0.29   | 2.2  | 0.38   | 2.1   | 0.60   | 2.7  | NNW  | 333 |
|    | 20 | 0.15   | 2.1   | 0.22   | 2.2  | 0.29   | 2.1   | 0.42   | 2.0  | NNW  | 346 |
|    | 22 | * 0.29 | 2.2   | * 0.46 | 2.3  | * 0.59 | 2.2   | 0.84   | 2.2  | N    | 8   |
|    | 最大 | 0.29   | 2.2   | 0.46   | 2.3  | 0.59   | 2.2   | 0.91   | 2.3  |      |     |
|    | 平均 | 0.21   | 2.2   | 0.33   | 2.2  | 0.42   | 2.1   | 0.63   | 2.1  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 343 回 |
| 欠測回数  | 0 回   | 欠測回数  | 29 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 7.8 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時      | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----------|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|          |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 17 00    | * 0.24       | 2.2          | * 0.37      | 2.2         | * 0.48       | 2.2          | * 0.65      | 2.3         | NW   | 322 |
|          | 0.16         | 2.0          | 0.25        | 2.0         | 0.31         | 2.0          | 0.46        | 1.6         | NNW  | 330 |
|          | 0.07         | 3.0          | 0.10        | 4.1         | 0.12         | 4.2          | 0.19        | 4.9         | NNW  | 348 |
|          | 0.09         | 2.4          | 0.13        | 2.7         | 0.16         | 2.5          | 0.21        | 4.0         | WNW  | 294 |
|          | 0.06         | 3.0          | 0.08        | 4.0         | 0.10         | 4.3          | 0.12        | 6.1         | 欠測   | 欠測  |
|          | 0.06         | 2.6          | 0.09        | 3.6         | 0.12         | 4.0          | 0.16        | 7.8         | 欠測   | 欠測  |
|          |              |              |             |             |              |              |             |             |      |     |
|          | 0.07         | 2.7          | 0.10        | 3.6         | 0.13         | 4.0          | 0.19        | 3.3         | 欠測   | 欠測  |
|          | 0.08         | 2.6          | 0.11        | 3.4         | 0.13         | 4.2          | 0.17        | 7.3         | 欠測   | 欠測  |
|          | 0.08         | 3.7          | 0.12        | 5.2         | 0.15         | 6.0          | 0.18        | 6.7         | NE   | 37  |
|          | 0.09         | 3.7          | 0.15        | 5.7         | 0.19         | 6.7          | 0.27        | 8.7         | NNW  | 344 |
|          | 0.10         | 4.5          | 0.16        | 6.4         | 0.20         | 6.7          | 0.28        | 8.3         | NW   | 319 |
|          | 0.11         | 4.3          | 0.16        | 5.9         | 0.21         | 6.4          | 0.25        | 6.1         | ENE  | 70  |
| 最大<br>平均 | 0.24         | 2.2          | 0.37        | 2.2         | 0.48         | 2.2          | 0.65        | 2.3         |      |     |
|          | 0.10         | 3.1          | 0.15        | 4.1         | 0.19         | 4.4          | 0.26        | 5.6         |      |     |
| 18 00    | 0.11         | 3.3          | 0.16        | 4.5         | 0.20         | 5.5          | 0.26        | 5.6         | NE   | 45  |
|          | 0.13         | 3.3          | 0.19        | 4.0         | 0.24         | 4.0          | 0.37        | 2.7         | NNE  | 20  |
|          | 0.14         | 3.0          | 0.20        | 3.7         | 0.26         | 4.1          | 0.37        | 4.9         | NW   | 319 |
|          | 0.30         | 2.9          | 0.46        | 3.1         | 0.55         | 3.0          | 0.81        | 2.8         | N    | 2   |
|          | * 0.30       | 3.3          | * 0.46      | 3.6         | * 0.59       | 3.4          | * 0.85      | 3.3         | ENE  | 61  |
|          | 0.27         | 3.6          | 0.41        | 4.4         | 0.53         | 4.9          | 0.67        | 4.0         | N    | 352 |
|          |              |              |             |             |              |              |             |             |      |     |
|          | 0.19         | 4.1          | 0.29        | 5.6         | 0.35         | 6.3          | 0.45        | 4.8         | NNW  | 348 |
|          | 0.16         | 4.0          | 0.25        | 5.2         | 0.31         | 5.4          | 0.43        | 7.3         | N    | 0   |
|          | 0.15         | 3.7          | 0.22        | 4.8         | 0.28         | 5.2          | 0.45        | 4.7         | NNE  | 25  |
|          | 0.14         | 3.8          | 0.22        | 5.0         | 0.27         | 5.7          | 0.35        | 9.6         | NW   | 323 |
|          | 0.15         | 3.3          | 0.22        | 4.4         | 0.27         | 5.2          | 0.36        | 7.8         | 欠測   | 欠測  |
|          | 0.14         | 3.2          | 0.21        | 4.2         | 0.27         | 4.9          | 0.43        | 4.2         | NE   | 37  |
| 最大<br>平均 | 0.30         | 3.3          | 0.46        | 3.6         | 0.59         | 3.4          | 0.85        | 3.3         |      |     |
|          | 0.18         | 3.5          | 0.27        | 4.4         | 0.34         | 4.8          | 0.48        | 5.1         |      |     |
| 19 00    | 0.13         | 4.0          | 0.21        | 5.5         | 0.26         | 6.2          | 0.33        | 7.5         | NNW  | 335 |
|          | 0.13         | 4.2          | 0.20        | 5.9         | 0.25         | 6.8          | 0.29        | 5.7         | NNE  | 12  |
|          | 0.12         | 4.1          | 0.19        | 5.5         | 0.23         | 6.4          | 0.27        | 8.0         | NNE  | 33  |
|          | 0.14         | 4.0          | 0.22        | 5.6         | 0.28         | 5.6          | 0.33        | 5.7         | N    | 0   |
|          | * 0.15       | 4.0          | * 0.24      | 5.5         | * 0.29       | 6.8          | * 0.39      | 7.4         | NE   | 37  |
|          | 0.14         | 4.0          | 0.21        | 5.1         | 0.26         | 5.3          | 0.29        | 5.0         | NNE  | 12  |
|          |              |              |             |             |              |              |             |             |      |     |
|          | 0.13         | 4.1          | 0.19        | 5.3         | 0.23         | 6.1          | 0.27        | 7.4         | N    | 4   |
|          | 0.12         | 3.9          | 0.18        | 4.6         | 0.21         | 4.7          | 0.28        | 4.4         | ENE  | 57  |
|          | 0.13         | 3.9          | 0.20        | 4.3         | 0.25         | 4.2          | 0.33        | 4.0         | 欠測   | 欠測  |
|          | 0.12         | 3.7          | 0.18        | 4.5         | 0.23         | 4.4          | 0.34        | 3.9         | 欠測   | 欠測  |
|          | 0.09         | 3.3          | 0.14        | 4.1         | 0.18         | 4.2          | 0.22        | 3.7         | 欠測   | 欠測  |
|          | 0.08         | 2.9          | 0.12        | 3.8         | 0.15         | 4.4          | 0.21        | 9.8         | NNW  | 327 |
| 最大<br>平均 | 0.15         | 4.0          | 0.24        | 5.5         | 0.29         | 6.8          | 0.39        | 7.4         |      |     |
|          | 0.12         | 3.8          | 0.19        | 5.0         | 0.24         | 5.4          | 0.30        | 6.0         |      |     |
| 20 00    | 0.06         | 3.7          | 0.09        | 5.4         | 0.11         | 6.6          | 0.16        | 7.1         | NNW  | 344 |
|          | 0.06         | 4.4          | 0.09        | 6.4         | 0.11         | 8.2          | 0.16        | 9.0         | N    | 0   |
|          | 0.06         | 4.2          | 0.08        | 6.3         | 0.10         | 7.9          | 0.14        | 10.0        | ENE  | 61  |
|          | 0.06         | 3.9          | 0.10        | 5.7         | 0.12         | 6.6          | 0.15        | 5.8         | N    | 8   |
|          | 0.09         | 3.2          | 0.13        | 4.7         | 0.15         | 6.6          | 0.22        | 8.2         | NNE  | 16  |
|          | 0.08         | 2.9          | 0.12        | 3.7         | 0.14         | 4.1          | 0.17        | 5.4         | 欠測   | 欠測  |
|          |              |              |             |             |              |              |             |             |      |     |
|          | 0.09         | 2.9          | 0.13        | 3.8         | 0.16         | 4.5          | 0.24        | 10.4        | E    | 82  |
|          | 0.13         | 2.4          | 0.19        | 2.7         | 0.23         | 2.6          | 0.34        | 2.8         | NW   | 305 |
|          | 0.12         | 2.5          | 0.19        | 2.7         | 0.23         | 2.7          | 0.32        | 2.2         | W    | 277 |
|          | 0.20         | 3.6          | 0.31        | 4.0         | 0.40         | 4.0          | 0.57        | 4.1         | N    | 4   |
|          | 0.21         | 3.5          | 0.32        | 4.0         | 0.41         | 3.9          | 0.59        | 3.7         | NNE  | 20  |
|          | * 0.26       | 3.3          | * 0.40      | 3.8         | * 0.50       | 3.9          | * 0.62      | 3.7         | NNE  | 29  |
| 最大<br>平均 | 0.26         | 3.3          | 0.40        | 3.8         | 0.50         | 3.9          | 0.62        | 3.7         |      |     |
|          | 0.12         | 3.4          | 0.18        | 4.4         | 0.22         | 5.1          | 0.31        | 6.0         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 343 回 |
| 欠測回数  | 0 回   | 欠測回数  | 29 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 7.8 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 21 | 00 | 0.24         | 3.2          | 0.37        | 3.9         | 0.46         | 4.1          | 0.66        | 4.3         | NNE  | 20  |
|    | 02 | 0.18         | 3.5          | 0.28        | 4.1         | 0.35         | 4.0          | 0.46        | 3.4         | NNE  | 33  |
|    | 04 | * 0.28       | 4.0          | 0.41        | 4.3         | 0.51         | 4.3          | 0.63        | 4.0         | NE   | 45  |
|    | 06 | 0.26         | 4.0          | 0.40        | 4.4         | 0.49         | 4.3          | 0.57        | 4.5         | NNE  | 29  |
|    | 08 | 0.20         | 3.8          | 0.30        | 4.2         | 0.38         | 4.1          | 0.51        | 4.4         | NNE  | 12  |
|    | 10 | 0.18         | 3.8          | 0.28        | 4.4         | 0.36         | 4.5          | 0.64        | 4.5         | ENE  | 74  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.28         | 2.4          | * 0.42      | 2.7         | * 0.55       | 2.8          | * 1.01      | 2.4         | E    | 88  |
|    | 14 | 0.15         | 2.8          | 0.22        | 3.4         | 0.27         | 3.8          | 0.38        | 2.7         | NE   | 45  |
|    | 16 | 0.21         | 2.3          | 0.33        | 2.5         | 0.43         | 2.3          | 0.70        | 2.2         | NW   | 308 |
|    | 18 | 0.17         | 2.2          | 0.26        | 2.3         | 0.33         | 2.1          | 0.50        | 2.3         | NNE  | 26  |
|    | 20 | 0.16         | 2.3          | 0.23        | 2.4         | 0.29         | 2.2          | 0.42        | 1.7         | NNE  | 23  |
|    | 22 | 0.18         | 2.4          | 0.27        | 2.6         | 0.35         | 2.5          | 0.60        | 2.3         | N    | 354 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.28         | 4.0          | 0.42        | 2.7         | 0.55         | 2.8          | 1.01        | 2.4         |      |     |
|    | 平均 | 0.21         | 3.1          | 0.31        | 3.4         | 0.40         | 3.4          | 0.59        | 3.2         |      |     |
| 22 | 00 | 0.26         | 2.5          | 0.40        | 2.7         | 0.49         | 2.6          | 0.64        | 2.7         | NW   | 312 |
|    | 02 | 0.23         | 2.6          | 0.35        | 2.7         | 0.45         | 2.8          | 0.70        | 2.5         | NNE  | 31  |
|    | 04 | 0.21         | 2.6          | 0.32        | 2.7         | 0.39         | 2.5          | 0.46        | 2.7         | W    | 272 |
|    | 06 | 0.15         | 2.2          | 0.23        | 2.4         | 0.30         | 2.3          | 0.40        | 2.3         | N    | 355 |
|    | 08 | 0.11         | 2.6          | 0.16        | 3.3         | 0.19         | 4.1          | 0.24        | 2.7         | N    | 4   |
|    | 10 | 0.12         | 2.4          | 0.18        | 2.8         | 0.23         | 3.0          | 0.40        | 1.9         | NW   | 317 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.23         | 2.4          | 0.35        | 2.5         | 0.45         | 2.5          | 0.66        | 2.3         | WNW  | 293 |
|    | 14 | * 0.39       | 2.7          | * 0.60      | 3.0         | * 0.76       | 2.9          | * 0.96      | 2.7         | WNW  | 295 |
|    | 16 | 0.23         | 2.5          | 0.34        | 2.5         | 0.43         | 2.4          | 0.75        | 2.1         | N    | 355 |
|    | 18 | 0.14         | 2.7          | 0.20        | 3.5         | 0.25         | 3.7          | 0.34        | 5.2         | NNW  | 348 |
|    | 20 | 0.11         | 3.2          | 0.16        | 4.4         | 0.20         | 4.9          | 0.26        | 6.7         | NNE  | 16  |
|    | 22 | 0.08         | 3.8          | 0.13        | 5.8         | 0.15         | 6.6          | 0.23        | 5.3         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.39         | 2.7          | 0.60        | 3.0         | 0.76         | 2.9          | 0.96        | 2.7         |      |     |
|    | 平均 | 0.19         | 2.7          | 0.28        | 3.2         | 0.36         | 3.4          | 0.50        | 3.3         |      |     |
| 23 | 00 | 0.11         | 2.5          | 0.16        | 2.9         | 0.20         | 3.1          | 0.31        | 3.6         | NNE  | 17  |
|    | 02 | 0.09         | 4.4          | 0.14        | 7.1         | 0.18         | 8.2          | 0.23        | 8.6         | E    | 86  |
|    | 04 | 0.16         | 3.4          | 0.26        | 4.7         | 0.33         | 6.2          | 0.43        | 8.3         | N    | 4   |
|    | 06 | 0.15         | 3.4          | 0.24        | 5.2         | 0.29         | 6.1          | 0.35        | 5.7         | N    | 0   |
|    | 08 | 0.13         | 3.7          | 0.22        | 5.7         | 0.28         | 6.5          | 0.40        | 6.9         | N    | 0   |
|    | 10 | 0.20         | 3.1          | 0.31        | 4.4         | 0.40         | 5.3          | 0.53        | 6.9         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.19         | 3.0          | 0.29        | 4.1         | 0.34         | 4.7          | 0.47        | 4.7         | NE   | 37  |
|    | 14 | 0.22         | 3.1          | 0.34        | 4.3         | 0.42         | 4.7          | 0.57        | 5.8         | NNE  | 20  |
|    | 16 | 0.22         | 3.5          | 0.36        | 5.3         | 0.46         | 5.9          | * 0.82      | 5.8         | N    | 4   |
|    | 18 | * 0.27       | 4.3          | * 0.43      | 6.2         | * 0.53       | 6.3          | 0.69        | 6.5         | NNE  | 12  |
|    | 20 | 0.19         | 4.3          | 0.31        | 6.3         | 0.40         | 6.4          | 0.52        | 6.9         | N    | 8   |
|    | 22 | 0.22         | 5.1          | 0.34        | 6.4         | 0.43         | 6.4          | 0.54        | 6.8         | NN   | 8   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.27         | 4.3          | 0.43        | 6.2         | 0.53         | 6.3          | 0.82        | 5.8         |      |     |
|    | 平均 | 0.18         | 3.7          | 0.28        | 5.2         | 0.35         | 5.8          | 0.49        | 6.4         |      |     |
| 24 | 00 | 0.16         | 4.4          | 0.25        | 5.9         | 0.31         | 6.0          | 0.39        | 6.0         | N    | 0   |
|    | 02 | 0.14         | 4.4          | 0.22        | 5.8         | 0.27         | 5.8          | 0.32        | 6.4         | WNW  | 290 |
|    | 04 | 0.13         | 4.0          | 0.20        | 5.3         | 0.24         | 5.7          | 0.30        | 6.0         | NNE  | 20  |
|    | 06 | 0.18         | 4.5          | 0.28        | 5.7         | 0.35         | 5.9          | 0.46        | 5.3         | NNE  | 12  |
|    | 08 | 0.17         | 4.7          | 0.27        | 5.5         | 0.34         | 5.4          | 0.43        | 4.8         | NNE  | 29  |
|    | 10 | * 0.18       | 4.7          | * 0.30      | 5.4         | * 0.37       | 5.4          | * 0.59      | 5.0         | N    | 356 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.18         | 4.4          | 0.29        | 5.3         | 0.36         | 5.3          | 0.45        | 4.8         | N    | 8   |
|    | 14 | 0.17         | 4.1          | 0.27        | 5.2         | 0.33         | 5.0          | 0.50        | 3.9         | N    | 0   |
|    | 16 | 0.14         | 3.2          | 0.22        | 4.3         | 0.27         | 4.7          | 0.42        | 5.1         | N    | 356 |
|    | 18 | 0.14         | 2.8          | 0.22        | 3.5         | 0.27         | 3.8          | 0.45        | 2.2         | NNE  | 12  |
|    | 20 | 0.10         | 4.1          | 0.16        | 5.3         | 0.19         | 5.3          | 0.29        | 5.1         | NE   | 37  |
|    | 22 | 0.09         | 4.5          | 0.13        | 5.6         | 0.16         | 5.7          | 0.19        | 5.2         | ENE  | 74  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.18         | 4.7          | 0.30        | 5.4         | 0.37         | 5.4          | 0.59        | 5.0         |      |     |
|    | 平均 | 0.15         | 4.2          | 0.23        | 5.2         | 0.29         | 5.3          | 0.40        | 5.0         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 343 回 |
| 欠測回数  | 0 回   | 欠測回数  | 29 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 7.8 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 25 | 00 | 0.08         | 4.1          | 0.12        | 5.0         | 0.16         | 5.2          | 0.22        | 5.6         | 欠測   | 欠測  |
|    | 02 | 0.09         | 3.8          | 0.13        | 5.0         | 0.16         | 5.0          | 0.25        | 4.8         | W    | 270 |
|    | 04 | 0.07         | 3.9          | 0.12        | 4.9         | 0.15         | 5.0          | 0.18        | 5.4         | NNE  | 20  |
|    | 06 | 0.08         | 3.3          | 0.11        | 4.4         | 0.13         | 4.9          | 0.15        | 5.1         | NNW  | 331 |
|    | 08 | 0.06         | 3.5          | 0.09        | 4.9         | 0.11         | 5.1          | 0.14        | 4.1         | NNE  | 33  |
|    | 10 | 0.06         | 3.3          | 0.09        | 4.4         | 0.11         | 4.4          | 0.14        | 6.9         | 欠測   | 欠測  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.08         | 2.6          | 0.11        | 3.4         | 0.13         | 4.0          | 0.18        | 5.3         | 欠測   | 欠測  |
|    | 14 | 0.08         | 2.3          | 0.12        | 2.6         | 0.15         | 2.5          | 0.23        | 1.9         | NNE  | 27  |
|    | 16 | 0.08         | 2.4          | 0.13        | 2.5         | 0.16         | 2.3          | 0.20        | 2.0         | NW   | 323 |
|    | 18 | 0.07         | 2.6          | 0.09        | 3.2         | 0.11         | 3.7          | 0.18        | 1.7         | E    | 86  |
|    | 20 | * 0.20       | 2.6          | * 0.31      | 2.8         | * 0.38       | 2.8          | * 0.52      | 2.6         | WNW  | 294 |
|    | 22 | 0.15         | 2.1          | 0.23        | 2.2         | 0.31         | 2.1          | 0.50        | 2.1         | E    | 83  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.20         | 2.6          | 0.31        | 2.8         | 0.38         | 2.8          | 0.52        | 2.6         |      |     |
|    | 平均 | 0.09         | 3.0          | 0.14        | 3.8         | 0.17         | 3.9          | 0.24        | 4.0         |      |     |
| 26 | 00 | 0.07         | 2.5          | 0.10        | 3.2         | 0.13         | 3.4          | 0.20        | 6.8         | E    | 86  |
|    | 02 | 0.06         | 2.6          | 0.10        | 3.4         | 0.12         | 4.2          | 0.17        | 6.5         | 欠測   | 欠測  |
|    | 04 | 0.06         | 2.6          | 0.09        | 3.7         | 0.11         | 4.4          | 0.17        | 2.8         | E    | 82  |
|    | 06 | 0.07         | 3.0          | 0.10        | 4.1         | 0.14         | 4.5          | 0.21        | 2.5         | NE   | 53  |
|    | 08 | 0.07         | 3.3          | 0.10        | 5.0         | 0.12         | 5.4          | 0.19        | 4.6         | 欠測   | 欠測  |
|    | 10 | 0.10         | 2.5          | 0.16        | 2.8         | 0.20         | 2.9          | 0.27        | 1.8         | WNW  | 299 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | * 0.18       | 2.6          | * 0.27      | 2.9         | * 0.34       | 2.9          | 0.50        | 2.2         | NW   | 325 |
|    | 14 | 0.18         | 2.6          | 0.27        | 2.7         | 0.34         | 2.6          | * 0.53      | 2.0         | WNW  | 283 |
|    | 16 | 0.16         | 2.6          | 0.24        | 2.9         | 0.30         | 3.0          | 0.41        | 2.7         | NNW  | 333 |
|    | 18 | 0.12         | 3.0          | 0.18        | 4.0         | 0.22         | 4.7          | 0.29        | 7.6         | NNW  | 344 |
|    | 20 | 0.11         | 2.6          | 0.16        | 3.3         | 0.20         | 3.6          | 0.28        | 4.6         | W    | 274 |
|    | 22 | 0.08         | 3.6          | 0.12        | 5.1         | 0.15         | 5.9          | 0.20        | 4.8         | WNW  | 282 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.18         | 2.6          | 0.27        | 2.9         | 0.34         | 2.9          | 0.53        | 2.0         |      |     |
|    | 平均 | 0.11         | 2.8          | 0.16        | 3.6         | 0.20         | 4.0          | 0.29        | 4.1         |      |     |
| 27 | 00 | 0.07         | 3.9          | 0.11        | 5.4         | 0.13         | 6.0          | 0.19        | 7.0         | 欠測   | 欠測  |
|    | 02 | 0.08         | 3.1          | 0.12        | 4.1         | 0.14         | 4.2          | 0.18        | 4.8         | NNW  | 348 |
|    | 04 | 0.08         | 3.6          | 0.11        | 4.9         | 0.13         | 5.0          | 0.17        | 4.2         | NE   | 41  |
|    | 06 | 0.07         | 3.6          | 0.10        | 4.7         | 0.12         | 5.2          | 0.16        | 5.2         | NNE  | 16  |
|    | 08 | 0.08         | 4.0          | 0.13        | 5.3         | 0.16         | 5.4          | 0.22        | 4.5         | NNE  | 20  |
|    | 10 | 0.08         | 3.6          | 0.13        | 5.1         | 0.16         | 5.3          | 0.25        | 5.5         | NNW  | 340 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.09         | 4.0          | 0.13        | 5.3         | 0.16         | 5.4          | 0.24        | 6.0         | N    | 8   |
|    | 14 | 0.12         | 2.7          | 0.19        | 3.3         | 0.24         | 3.4          | 0.32        | 2.1         | NNW  | 348 |
|    | 16 | * 0.13       | 2.6          | * 0.20      | 3.1         | 0.25         | 3.1          | 0.34        | 2.2         | WNW  | 301 |
|    | 18 | 0.10         | 3.1          | 0.14        | 4.0         | 0.17         | 4.1          | 0.23        | 4.0         | ENE  | 57  |
|    | 20 | 0.09         | 3.1          | 0.13        | 3.9         | 0.16         | 3.9          | 0.25        | 4.1         | 欠測   | 欠測  |
|    | 22 | 0.13         | 2.6          | 0.19        | 3.1         | * 0.25       | 3.2          | * 0.37      | 2.5         | W    | 275 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.13         | 2.6          | 0.20        | 3.1         | 0.25         | 3.2          | 0.37        | 2.5         |      |     |
|    | 平均 | 0.09         | 3.3          | 0.14        | 4.3         | 0.17         | 4.5          | 0.24        | 4.3         |      |     |
| 28 | 00 | 0.10         | 2.5          | 0.14        | 3.1         | 0.17         | 3.0          | 0.27        | 3.2         | E    | 79  |
|    | 02 | 0.13         | 2.2          | 0.21        | 2.3         | 0.27         | 2.2          | 0.38        | 1.9         | WNW  | 285 |
|    | 04 | 0.11         | 2.1          | 0.17        | 2.2         | 0.21         | 2.1          | 0.33        | 2.0         | ENE  | 61  |
|    | 06 | 0.07         | 2.4          | 0.10        | 2.8         | 0.13         | 3.2          | 0.21        | 2.0         | N    | 357 |
|    | 08 | 0.12         | 2.2          | 0.17        | 2.3         | 0.22         | 2.2          | 0.35        | 2.2         | WNW  | 291 |
|    | 10 | 0.12         | 2.2          | 0.18        | 2.4         | 0.24         | 2.2          | 0.37        | 4.4         | NE   | 48  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.07         | 2.5          | 0.11        | 3.0         | 0.13         | 3.4          | 0.17        | 4.0         | ENE  | 70  |
|    | 14 | 0.09         | 2.6          | 0.13        | 3.4         | 0.16         | 3.8          | 0.22        | 2.9         | E    | 86  |
|    | 16 | 0.18         | 2.4          | 0.27        | 2.5         | 0.35         | 2.4          | 0.57        | 2.2         | E    | 83  |
|    | 18 | 0.13         | 2.6          | 0.19        | 2.9         | 0.24         | 3.1          | 0.36        | 2.2         | NE   | 49  |
|    | 20 | * 0.26       | 3.0          | * 0.39      | 3.2         | * 0.49       | 3.2          | * 0.88      | 3.2         | 欠測   | 欠測  |
|    | 22 | 0.23         | 3.0          | 0.34        | 3.3         | 0.44         | 3.2          | 0.72        | 2.9         | NNW  | 335 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.26         | 3.0          | 0.39        | 3.2         | 0.49         | 3.2          | 0.88        | 3.2         |      |     |
|    | 平均 | 0.13         | 2.5          | 0.20        | 2.8         | 0.25         | 2.8          | 0.40        | 2.8         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 343 回 |
| 欠測回数  | 0 回   | 欠測回数  | 29 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 7.8 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日   | 時    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|------|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |      |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 29  | 00   | 0.19         | 2.6          | 0.28        | 3.0         | 0.36         | 3.2          | 0.48        | 3.0         | N    | 358 |
|     | 02   | 0.26         | 2.5          | 0.39        | 2.7         | 0.48         | 2.6          | 0.72        | 2.6         | NNW  | 339 |
|     | 04   | 0.08         | 2.7          | 0.11        | 3.5         | 0.14         | 3.8          | 0.19        | 3.6         | N    | 8   |
|     | 06   | 0.06         | 3.1          | 0.09        | 3.9         | 0.12         | 4.2          | 0.15        | 4.0         | ENE  | 70  |
|     | 08   | 0.14         | 2.1          | 0.22        | 2.2         | 0.29         | 2.0          | 0.45        | 2.1         | NNE  | 33  |
|     | 10   | 0.26         | 2.3          | 0.40        | 2.4         | 0.52         | 2.4          | 0.75        | 2.1         | N    | 7   |
|     |      |              |              |             |             |              |              |             |             |      |     |
|     | 12   | 0.34         | 2.7          | 0.52        | 2.8         | 0.66         | 2.8          | 1.09        | 2.8         | W    | 281 |
|     | 14   | 0.31         | 2.7          | 0.48        | 2.8         | 0.61         | 2.7          | 0.99        | 2.5         | NNE  | 17  |
|     | 16   | 0.42         | 2.8          | 0.64        | 2.9         | 0.82         | 2.9          | 1.28        | 2.9         | NW   | 307 |
|     | 18   | * 0.51       | 3.1          | * 0.79      | 3.4         | * 1.00       | 3.4          | * 1.31      | 3.3         | 欠測   | 欠測  |
|     | 20   | 0.33         | 3.1          | 0.52        | 3.3         | 0.67         | 3.3          | 0.82        | 3.3         | NW   | 323 |
|     | 22   | 0.19         | 2.9          | 0.28        | 3.0         | 0.36         | 2.9          | 0.53        | 2.5         | NW   | 324 |
|     |      |              |              |             |             |              |              |             |             |      |     |
|     | 最大   | 0.51         | 3.1          | 0.79        | 3.4         | 1.00         | 3.4          | 1.31        | 3.3         |      |     |
|     | 平均   | 0.26         | 2.7          | 0.39        | 3.0         | 0.50         | 3.0          | 0.73        | 2.9         |      |     |
| 30  | 00   | 0.12         | 3.0          | 0.17        | 3.9         | 0.20         | 4.3          | 0.25        | 5.2         | NNE  | 12  |
|     | 02   | 0.09         | 4.0          | 0.14        | 5.2         | 0.17         | 5.5          | 0.24        | 4.9         | N    | 4   |
|     | 04   | 0.11         | 4.4          | 0.17        | 5.8         | 0.20         | 5.8          | 0.26        | 5.2         | NNE  | 12  |
|     | 06   | 0.15         | 4.3          | 0.23        | 5.6         | 0.29         | 5.7          | 0.38        | 5.7         | ENE  | 61  |
|     | 08   | 0.17         | 4.3          | 0.26        | 5.4         | 0.32         | 5.5          | 0.43        | 4.9         | NNE  | 16  |
|     | 10   | 0.16         | 4.2          | 0.24        | 5.5         | 0.29         | 5.3          | 0.36        | 4.1         | NNW  | 348 |
|     |      |              |              |             |             |              |              |             |             |      |     |
|     | 12   | 0.15         | 4.3          | 0.23        | 5.8         | 0.28         | 6.0          | 0.39        | 5.1         | NE   | 41  |
|     | 14   | 0.13         | 4.5          | 0.21        | 6.0         | 0.26         | 6.4          | 0.35        | 6.7         | NNE  | 12  |
|     | 16   | 0.21         | 3.2          | 0.32        | 4.4         | 0.40         | 4.7          | 0.52        | 5.9         | N    | 0   |
|     | 18   | 0.24         | 3.1          | 0.36        | 4.0         | 0.44         | 3.9          | * 0.62      | 3.2         | NNE  | 12  |
|     | 20   | * 0.25       | 3.1          | * 0.38      | 3.7         | * 0.47       | 3.7          | 0.62        | 2.5         | N    | 8   |
|     | 22   | 0.21         | 3.2          | 0.32        | 4.1         | 0.39         | 4.4          | 0.52        | 3.1         | NNW  | 335 |
|     |      |              |              |             |             |              |              |             |             |      |     |
|     | 最大   | 0.25         | 3.1          | 0.38        | 3.7         | 0.47         | 3.7          | 0.62        | 3.2         |      |     |
|     | 平均   | 0.17         | 3.8          | 0.25        | 5.0         | 0.31         | 5.1          | 0.41        | 4.7         |      |     |
| 31  | 00   | 0.19         | 3.5          | 0.28        | 4.5         | 0.35         | 5.2          | 0.53        | 4.9         | NE   | 37  |
|     | 02   | 0.18         | 4.1          | 0.30        | 5.9         | 0.38         | 6.4          | 0.50        | 6.4         | NE   | 45  |
|     | 04   | 0.18         | 4.6          | 0.28        | 6.0         | 0.35         | 6.2          | 0.43        | 6.9         | N    | 356 |
|     | 06   | 0.18         | 4.8          | 0.28        | 6.1         | 0.35         | 6.3          | 0.41        | 6.1         | NNE  | 25  |
|     | 08   | 0.17         | 4.4          | 0.26        | 5.7         | 0.31         | 6.1          | 0.44        | 4.5         | N    | 0   |
|     | 10   | 0.19         | 3.7          | 0.31        | 5.3         | 0.39         | 5.9          | 0.57        | 6.4         | N    | 0   |
|     |      |              |              |             |             |              |              |             |             |      |     |
|     | 12   | 0.33         | 3.1          | 0.50        | 3.6         | 0.63         | 3.5          | 1.06        | 3.2         | N    | 4   |
|     | 14   | 0.35         | 3.1          | 0.53        | 3.6         | 0.66         | 3.5          | 0.94        | 3.6         | NNE  | 12  |
|     | 16   | * 0.45       | 3.6          | * 0.68      | 4.0         | * 0.82       | 3.9          | 1.05        | 3.5         | NNE  | 29  |
|     | 18   | 0.37         | 3.3          | 0.59        | 4.0         | 0.74         | 3.7          | * 1.13      | 3.4         | NNE  | 16  |
|     | 20   | 0.37         | 3.5          | 0.57        | 4.4         | 0.71         | 4.3          | 0.93        | 3.3         | N    | 4   |
|     | 22   | 0.39         | 3.6          | 0.58        | 4.4         | 0.72         | 4.5          | 1.03        | 3.5         | N    | 8   |
|     |      |              |              |             |             |              |              |             |             |      |     |
|     | 最大   | 0.45         | 3.6          | 0.68        | 4.0         | 0.82         | 3.9          | 1.13        | 3.4         |      |     |
|     | 平均   | 0.28         | 3.8          | 0.43        | 4.8         | 0.53         | 5.0          | 0.75        | 4.6         |      |     |
| 月最大 | 1.14 | 7.2          | 1.67         | 8.1         | 2.01        | 8.9          | 2.66         | 10.2        |             |      |     |
|     | 起時   | 0300         | 0300         |             |             | 0220         | 0220         |             |             |      |     |
|     | 平均   | 0.21         | 3.8          | 0.32        | 5.0         | 0.40         | 5.3          | 0.55        | 5.4         |      |     |

波浪整理表（1）

2021年 6月

| 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  | 309 回  |
| 欠測回数  | 0 回   | 欠測回数  | 51 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 14.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean  | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax   | 波 向  |     |     |
|----|----|--------|--------|--------|------|--------|-------|--------|--------|------|-----|-----|
|    |    | (m)    | (s)    | (m)    | (s)  | (m)    | (s)   | (m)    | (s)    | 16方位 | 角度  |     |
| 01 | 00 | 0.45   | 3.6    | 0.68   | 4.3  | 0.83   | 4.5   | 1.04   | 3.6    | NE   | 37  |     |
|    | 02 | 0.47   | 4.1    | 0.74   | 5.2  | 0.89   | 5.7   | 1.15   | 8.9    | N    | 8   |     |
|    | 04 | * 0.48 | 5.1    | * 0.77 | 6.7  | * 0.96 | 6.8   | 1.09   | 7.3    | N    | 8   |     |
|    | 06 | 0.41   | 4.7    | 0.61   | 5.6  | 0.75   | 5.6   | 1.00   | 4.6    | NNE  | 33  |     |
|    | 08 | 0.40   | 4.4    | 0.60   | 5.4  | 0.77   | 5.5   | 1.20   | 5.8    | NNE  | 16  |     |
|    | 10 | 0.46   | 4.3    | 0.70   | 5.3  | 0.86   | 5.4   | 1.12   | 7.4    | NNE  | 20  |     |
|    | 12 | 0.47   | 3.7    | 0.73   | 4.4  | 0.91   | 4.7   | * 1.23 | 4.6    | NNE  | 12  |     |
|    | 14 | 0.45   | 3.8    | 0.69   | 4.8  | 0.86   | 5.0   | 1.17   | 6.3    | N    | 356 |     |
|    | 16 | 0.40   | 3.7    | 0.60   | 4.3  | 0.75   | 4.5   | 1.04   | 4.2    | NE   | 45  |     |
|    | 18 | 0.37   | 4.0    | 0.57   | 4.7  | 0.71   | 4.7   | 0.93   | 5.7    | NNE  | 20  |     |
|    | 20 | 0.34   | 4.1    | 0.53   | 4.8  | 0.68   | 4.9   | 0.96   | 4.9    | ENE  | 57  |     |
|    | 22 | 0.29   | 4.0    | 0.44   | 4.7  | 0.55   | 4.8   | 0.71   | 4.3    | N    | 8   |     |
|    | 最大 | 0.48   | 5.1    | 0.77   | 6.7  | 0.96   | 6.8   | 1.23   | 4.6    |      |     |     |
|    | 平均 | 0.42   | 4.1    | 0.64   | 5.0  | 0.79   | 5.2   | 1.05   | 5.6    |      |     |     |
|    | 02 | 00     | 0.27   | 3.9    | 0.42 | 4.8    | 0.52  | 5.0    | * 0.83 | 5.2  | NNE | 29  |
|    |    | 02     | * 0.29 | 4.4    | 0.43 | 5.1    | 0.54  | 5.3    | 0.81   | 4.4  | NNE | 33  |
| 04 |    | 0.28   | 4.3    | * 0.44 | 4.9  | * 0.56 | 5.0   | 0.79   | 4.7    | NNE  | 25  |     |
| 06 |    | 0.28   | 4.5    | 0.42   | 5.1  | 0.52   | 5.1   | 0.61   | 5.7    | N    | 4   |     |
| 08 |    | 0.25   | 4.0    | 0.39   | 4.7  | 0.48   | 4.7   | 0.60   | 4.7    | N    | 352 |     |
| 10 |    | 0.22   | 3.9    | 0.35   | 4.6  | 0.43   | 4.6   | 0.58   | 4.8    | NE   | 45  |     |
| 12 |    | 0.19   | 3.3    | 0.30   | 4.3  | 0.37   | 4.7   | 0.51   | 4.5    | NNE  | 25  |     |
| 14 |    | 0.25   | 2.9    | 0.38   | 3.3  | 0.47   | 3.6   | 0.66   | 3.1    | NE   | 45  |     |
| 16 |    | 0.24   | 2.9    | 0.36   | 3.3  | 0.46   | 3.3   | 0.60   | 3.5    | NNE  | 25  |     |
| 18 |    | 0.19   | 2.9    | 0.29   | 3.5  | 0.36   | 3.4   | 0.51   | 2.8    | NE   | 41  |     |
| 20 |    | 0.16   | 3.1    | 0.24   | 3.8  | 0.29   | 3.8   | 0.41   | 4.4    | 欠測   | 欠測  |     |
| 22 |    | 0.14   | 3.1    | 0.21   | 3.9  | 0.26   | 4.1   | 0.40   | 4.4    | N    | 352 |     |
| 最大 |    | 0.29   | 4.4    | 0.44   | 4.9  | 0.56   | 5.0   | 0.83   | 5.2    |      |     |     |
| 平均 |    | 0.23   | 3.6    | 0.35   | 4.3  | 0.44   | 4.4   | 0.61   | 4.3    |      |     |     |
| 03 |    | 00     | 0.11   | 3.0    | 0.17 | 3.9    | 0.21  | 4.0    | 0.28   | 4.3  | NNE | 20  |
|    |    | 02     | 0.11   | 3.2    | 0.16 | 4.5    | 0.20  | 4.9    | 0.29   | 4.7  | ENE | 57  |
|    | 04 | 0.12   | 3.4    | 0.17   | 4.3  | 0.21   | 4.7   | 0.29   | 4.2    | NNW  | 327 |     |
|    | 06 | 0.12   | 3.5    | 0.17   | 4.5  | 0.21   | 4.6   | 0.30   | 5.0    | N    | 8   |     |
|    | 08 | 0.09   | 3.8    | 0.14   | 4.7  | 0.17   | 4.7   | 0.28   | 5.8    | NE   | 49  |     |
|    | 10 | 0.09   | 3.6    | 0.13   | 4.6  | 0.16   | 4.7   | 0.22   | 4.5    | 欠測   | 欠測  |     |
|    | 12 | 0.15   | 2.3    | 0.22   | 2.5  | 0.27   | 2.4   | 0.44   | 2.4    | WNW  | 288 |     |
|    | 14 | 0.10   | 2.6    | 0.16   | 3.2  | 0.19   | 3.2   | 0.26   | 3.4    | NNE  | 29  |     |
|    | 16 | 0.08   | 2.9    | 0.12   | 3.8  | 0.16   | 4.2   | 0.21   | 3.1    | N    | 0   |     |
|    | 18 | 0.11   | 2.3    | 0.16   | 2.7  | 0.20   | 2.4   | 0.27   | 2.2    | WNW  | 286 |     |
|    | 20 | * 0.19 | 2.4    | * 0.29 | 2.5  | * 0.36 | 2.5   | * 0.51 | 2.2    | NNW  | 346 |     |
|    | 22 | 0.12   | 2.5    | 0.19   | 2.8  | 0.23   | 2.7   | 0.39   | 2.6    | WNW  | 283 |     |
|    | 最大 | 0.19   | 2.4    | 0.29   | 2.5  | 0.36   | 2.5   | 0.51   | 2.2    |      |     |     |
|    | 平均 | 0.12   | 3.0    | 0.17   | 3.7  | 0.21   | 3.8   | 0.31   | 3.7    |      |     |     |
|    | 04 | 00     | 0.16   | 2.1    | 0.26 | 2.1    | 0.35  | 2.0    | 0.55   | 2.0  | NW  | 319 |
|    |    | 02     | 0.15   | 2.1    | 0.23 | 2.0    | 0.31  | 1.9    | 0.59   | 1.6  | NW  | 310 |
| 04 |    | 0.09   | 2.1    | 0.14   | 2.5  | 0.19   | 2.3   | 0.35   | 1.7    | NNW  | 340 |     |
| 06 |    | 0.16   | 2.2    | 0.26   | 2.2  | 0.36   | 2.2   | 0.57   | 2.0    | E    | 84  |     |
| 08 |    | 0.05   | 2.8    | 0.08   | 4.0  | 0.09   | 5.1   | 0.13   | 3.5    | NW   | 315 |     |
| 10 |    | 0.17   | 2.3    | 0.26   | 2.3  | 0.32   | 2.4   | 0.39   | 2.3    | ENE  | 78  |     |
| 12 |    | * 0.26 | 2.6    | * 0.40 | 2.7  | * 0.50 | 2.7   | * 0.65 | 2.5    | NNW  | 341 |     |
| 14 |    | 0.15   | 2.4    | 0.23   | 2.5  | 0.28   | 2.5   | 0.41   | 1.9    | WNW  | 290 |     |
| 16 |    | 0.08   | 2.5    | 0.12   | 2.7  | 0.14   | 2.8   | 0.18   | 2.4    | NW   | 307 |     |
| 18 |    | 0.12   | 2.2    | 0.18   | 2.2  | 0.22   | 2.2   | 0.39   | 1.9    | NW   | 311 |     |
| 20 |    | 0.09   | 2.4    | 0.13   | 2.7  | 0.16   | 2.5   | 0.23   | 2.2    | NNW  | 345 |     |
| 22 |    | 0.06   | 2.8    | 0.09   | 3.6  | 0.11   | 4.0   | 0.14   | 7.5    | N    | 4   |     |
| 最大 |    | 0.26   | 2.6    | 0.40   | 2.7  | 0.50   | 2.7   | 0.65   | 2.5    |      |     |     |
| 平均 |    | 0.13   | 2.4    | 0.20   | 2.6  | 0.25   | 2.7   | 0.38   | 2.6    |      |     |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 6月

| 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  | 309 回  |
| 欠測回数  | 0 回   | 欠測回数  | 51 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 14.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 05  | 00 | 0.06         | 3.3          | 0.09        | 4.3         | 0.11         | 4.1          | 0.15        | 4.9         | NE   | 53  |
|     | 02 | 0.07         | 3.8          | 0.10        | 5.3         | 0.12         | 5.5          | 0.16        | 5.9         | N    | 0   |
|     | 04 | 0.07         | 3.4          | 0.11        | 4.5         | 0.14         | 4.9          | 0.20        | 4.6         | ENE  | 61  |
|     | 06 | 0.08         | 3.7          | 0.12        | 4.8         | 0.14         | 5.1          | 0.17        | 4.1         | N    | 4   |
|     | 08 | 0.07         | 3.4          | 0.10        | 4.7         | 0.12         | 5.1          | 0.16        | 6.7         | N    | 8   |
|     | 10 | 0.07         | 3.8          | 0.10        | 5.3         | 0.12         | 5.8          | 0.19        | 6.5         | ENE  | 74  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.07         | 3.8          | 0.10        | 5.6         | 0.13         | 6.3          | 0.16        | 7.8         | NE   | 37  |
|     | 14 | 0.10         | 3.2          | 0.15        | 4.3         | 0.19         | 5.2          | 0.25        | 6.4         | NNW  | 348 |
|     | 16 | 0.10         | 3.4          | 0.15        | 5.0         | 0.19         | 5.7          | 0.25        | 5.7         | N    | 356 |
|     | 18 | * 0.13       | 2.6          | * 0.20      | 3.1         | * 0.25       | 3.4          | * 0.39      | 2.3         | N    | 6   |
|     | 20 | 0.09         | 3.9          | 0.13        | 5.8         | 0.16         | 6.1          | 0.23        | 6.0         | NNW  | 340 |
|     | 22 | 0.08         | 4.5          | 0.13        | 6.1         | 0.16         | 6.1          | 0.23        | 6.4         | NNE  | 12  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.13         | 2.6          | 0.20        | 3.1         | 0.25         | 3.4          | 0.39        | 2.3         |      |     |
|     | 平均 | 0.08         | 3.6          | 0.12        | 4.9         | 0.15         | 5.3          | 0.21        | 5.6         |      |     |
| 06  | 00 | 0.08         | 3.2          | 0.12        | 4.9         | 0.16         | 5.5          | 0.20        | 5.1         | NNE  | 12  |
|     | 02 | 0.08         | 4.1          | 0.12        | 5.8         | 0.15         | 6.3          | 0.18        | 6.7         | ENE  | 61  |
|     | 04 | 0.07         | 3.0          | 0.10        | 4.4         | 0.13         | 5.1          | 0.17        | 5.6         | NNE  | 20  |
|     | 06 | 0.07         | 3.3          | 0.10        | 4.5         | 0.13         | 5.0          | 0.20        | 5.9         | NNE  | 12  |
|     | 08 | 0.07         | 3.4          | 0.10        | 4.8         | 0.12         | 5.6          | 0.16        | 5.8         | 欠測   | 欠測  |
|     | 10 | 0.07         | 3.8          | 0.10        | 5.4         | 0.13         | 5.8          | 0.21        | 6.3         | NW   | 311 |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.07         | 3.2          | 0.11        | 4.6         | 0.13         | 6.0          | 0.17        | 6.6         | 欠測   | 欠測  |
|     | 14 | 0.17         | 2.5          | 0.26        | 2.9         | 0.34         | 2.7          | 0.50        | 3.6         | NW   | 324 |
|     | 16 | * 0.23       | 2.6          | * 0.35      | 2.7         | * 0.43       | 2.6          | * 0.64      | 2.5         | NW   | 307 |
|     | 18 | 0.13         | 2.6          | 0.20        | 3.2         | 0.25         | 3.0          | 0.33        | 2.5         | WNW  | 282 |
|     | 20 | 0.10         | 2.8          | 0.15        | 3.4         | 0.19         | 3.9          | 0.28        | 2.4         | E    | 90  |
|     | 22 | 0.09         | 4.1          | 0.14        | 5.7         | 0.17         | 6.8          | 0.22        | 7.5         | ENE  | 61  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.23         | 2.6          | 0.35        | 2.7         | 0.43         | 2.6          | 0.64        | 2.5         |      |     |
|     | 平均 | 0.10         | 3.2          | 0.15        | 4.4         | 0.19         | 4.9          | 0.27        | 5.0         |      |     |
| 07  | 00 | 0.09         | 4.5          | 0.14        | 6.0         | 0.17         | 6.8          | 0.22        | 5.1         | NE   | 37  |
|     | 02 | 0.09         | 5.4          | 0.15        | 7.7         | 0.19         | 8.1          | 0.25        | 9.4         | NNE  | 29  |
|     | 04 | 0.10         | 5.4          | 0.16        | 7.6         | 0.19         | 8.2          | 0.26        | 9.4         | NNE  | 33  |
|     | 06 | 0.11         | 4.9          | 0.16        | 7.0         | 0.19         | 7.9          | 0.26        | 9.9         | N    | 352 |
|     | 08 | * 0.11       | 5.3          | * 0.17      | 7.7         | * 0.21       | 8.1          | 0.26        | 9.6         | NE   | 53  |
|     | 10 | 0.08         | 4.2          | 0.13        | 6.6         | 0.17         | 7.8          | 0.23        | 8.0         | NNW  | 348 |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.11         | 3.4          | 0.16        | 4.3         | 0.20         | 5.3          | 0.27        | 2.1         | 欠測   | 欠測  |
|     | 14 | 0.09         | 4.2          | 0.14        | 6.1         | 0.17         | 6.8          | 0.26        | 8.2         | 欠測   | 欠測  |
|     | 16 | 0.08         | 4.0          | 0.12        | 5.8         | 0.16         | 6.7          | 0.21        | 7.8         | NNE  | 33  |
|     | 18 | 0.08         | 3.6          | 0.11        | 5.2         | 0.14         | 5.6          | 0.21        | 4.5         | N    | 4   |
|     | 20 | 0.08         | 2.6          | 0.12        | 3.5         | 0.15         | 4.4          | * 0.28      | 5.9         | ENE  | 70  |
|     | 22 | 0.08         | 3.7          | 0.12        | 5.3         | 0.15         | 5.7          | 0.21        | 7.0         | N    | 8   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.11         | 5.3          | 0.17        | 7.7         | 0.21         | 8.1          | 0.28        | 5.9         |      |     |
|     | 平均 | 0.09         | 4.3          | 0.14        | 6.1         | 0.17         | 6.8          | 0.24        | 7.2         |      |     |
| 08  | 00 | 0.08         | 3.6          | 0.11        | 5.0         | 0.14         | 5.9          | 0.19        | 5.2         | WNW  | 286 |
|     | 02 | * 0.08       | 3.9          | * 0.12      | 5.4         | * 0.15       | 6.1          | 0.19        | 5.6         | ENE  | 65  |
|     | 04 | 0.07         | 3.8          | 0.10        | 5.3         | 0.13         | 6.1          | 0.18        | 5.3         | NW   | 311 |
|     | 06 | 0.07         | 3.9          | 0.11        | 5.3         | 0.13         | 6.4          | 0.17        | 6.3         | WNW  | 286 |
|     | 08 | 0.06         | 3.7          | 0.09        | 5.7         | 0.11         | 6.0          | 0.16        | 5.8         | N    | 356 |
|     | 10 | 0.05         | 4.1          | 0.08        | 6.3         | 0.10         | 7.8          | 0.12        | 9.7         | ENE  | 78  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.08         | 3.0          | 0.11        | 4.1         | 0.14         | 4.6          | 0.18        | 6.3         | NW   | 311 |
|     | 14 | 0.07         | 4.6          | 0.10        | 6.7         | 0.12         | 7.6          | 0.16        | 8.7         | E    | 90  |
|     | 16 | 0.07         | 3.1          | 0.10        | 4.1         | 0.12         | 4.5          | 0.17        | 3.0         | E    | 94  |
|     | 18 | 0.08         | 2.3          | 0.12        | 2.6         | 0.15         | 2.8          | 0.19        | 3.9         | NW   | 320 |
|     | 20 | 0.07         | 2.7          | 0.11        | 3.4         | 0.13         | 3.6          | * 0.21      | 2.1         | NNE  | 20  |
|     | 22 | 0.07         | 2.3          | 0.09        | 2.8         | 0.11         | 3.6          | 0.17        | 5.5         | NW   | 310 |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.08         | 3.9          | 0.12        | 5.4         | 0.15         | 6.1          | 0.21        | 2.1         |      |     |
|     | 平均 | 0.07         | 3.4          | 0.10        | 4.7         | 0.13         | 5.4          | 0.17        | 5.6         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 6月

| 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  | 309 回  |
| 欠測回数  | 0 回   | 欠測回数  | 51 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 14.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 09  | 00 | 0.06         | 3.7          | 0.09        | 5.4         | 0.11         | 5.4          | 0.13        | 5.8         | NE   | 53  |
|     | 02 | 0.06         | 3.6          | 0.09        | 5.0         | 0.11         | 5.2          | 0.15        | 2.1         | NE   | 49  |
|     | 04 | 0.06         | 4.0          | 0.09        | 5.3         | 0.10         | 5.8          | 0.13        | 4.6         | N    | 352 |
|     | 06 | 0.06         | 3.6          | 0.09        | 5.3         | 0.11         | 6.4          | 0.15        | 7.9         | NNE  | 16  |
|     | 08 | 0.06         | 3.3          | 0.09        | 4.7         | 0.11         | 5.5          | 0.16        | 6.2         | N    | 8   |
|     | 10 | 0.06         | 3.1          | 0.09        | 4.2         | 0.11         | 4.5          | 0.17        | 3.5         | 欠測   | 欠測  |
|     | 12 | 0.08         | 2.8          | 0.12        | 3.8         | 0.14         | 3.9          | 0.21        | 1.7         | W    | 262 |
|     | 14 | 0.17         | 2.3          | 0.26        | 2.3         | 0.35         | 2.2          | 0.63        | 2.2         | NE   | 39  |
|     | 16 | 0.21         | 2.5          | 0.32        | 2.5         | 0.42         | 2.5          | 0.58        | 2.5         | NW   | 312 |
|     | 18 | * 0.25       | 2.7          | 0.38        | 2.8         | 0.48         | 2.7          | * 0.80      | 2.6         | E    | 83  |
|     | 20 | 0.19         | 2.8          | 0.28        | 3.0         | 0.35         | 2.8          | 0.53        | 2.9         | WNW  | 287 |
|     | 22 | 0.24         | 3.0          | * 0.39      | 3.3         | * 0.51       | 3.3          | 0.72        | 3.1         | 欠測   | 欠測  |
|     | 最大 | 0.25         | 2.7          | 0.39        | 3.3         | 0.51         | 3.3          | 0.80        | 2.6         |      |     |
|     | 平均 | 0.12         | 3.1          | 0.19        | 4.0         | 0.24         | 4.2          | 0.36        | 3.8         |      |     |
| 10  | 00 | * 0.23       | 3.0          | * 0.34      | 3.2         | * 0.43       | 3.1          | 0.59        | 2.9         | N    | 356 |
|     | 02 | 0.15         | 2.8          | 0.23        | 3.2         | 0.28         | 3.1          | 0.38        | 3.0         | 欠測   | 欠測  |
|     | 04 | 0.15         | 2.9          | 0.22        | 3.2         | 0.27         | 3.2          | 0.43        | 3.2         | NW   | 323 |
|     | 06 | 0.15         | 2.9          | 0.23        | 3.4         | 0.29         | 3.4          | 0.46        | 3.2         | NNE  | 12  |
|     | 08 | 0.16         | 3.3          | 0.25        | 3.6         | 0.32         | 3.7          | 0.57        | 3.6         | NNE  | 20  |
|     | 10 | 0.16         | 3.3          | 0.25        | 3.8         | 0.32         | 3.7          | 0.46        | 3.9         | N    | 356 |
|     | 12 | 0.15         | 2.9          | 0.23        | 3.5         | 0.29         | 3.6          | 0.39        | 3.8         | NNE  | 33  |
|     | 14 | 0.18         | 2.6          | 0.27        | 2.9         | 0.35         | 2.8          | 0.48        | 3.1         | NE   | 50  |
|     | 16 | 0.19         | 2.8          | 0.28        | 2.9         | 0.36         | 2.8          | * 0.65      | 2.5         | NE   | 52  |
|     | 18 | 0.15         | 2.7          | 0.24        | 3.0         | 0.30         | 2.8          | 0.52        | 3.2         | N    | 1   |
|     | 20 | 0.14         | 3.0          | 0.20        | 3.6         | 0.25         | 3.4          | 0.34        | 2.9         | NE   | 41  |
|     | 22 | 0.13         | 3.0          | 0.18        | 3.3         | 0.22         | 3.2          | 0.34        | 3.0         | E    | 94  |
|     | 最大 | 0.23         | 3.0          | 0.34        | 3.2         | 0.43         | 3.1          | 0.65        | 2.5         |      |     |
|     | 平均 | 0.16         | 2.9          | 0.24        | 3.3         | 0.31         | 3.2          | 0.47        | 3.2         |      |     |
| 11  | 00 | 0.10         | 2.9          | 0.16        | 3.2         | 0.20         | 3.1          | 0.26        | 3.1         | NW   | 311 |
|     | 02 | 0.08         | 3.0          | 0.12        | 3.5         | 0.14         | 3.5          | 0.19        | 3.0         | W    | 278 |
|     | 04 | 0.08         | 3.2          | 0.11        | 4.0         | 0.14         | 4.4          | 0.21        | 2.9         | NNW  | 348 |
|     | 06 | 0.08         | 2.7          | 0.13        | 3.5         | 0.16         | 3.8          | 0.25        | 2.5         | 欠測   | 欠測  |
|     | 08 | 0.11         | 2.6          | 0.16        | 3.4         | 0.21         | 3.8          | 0.28        | 4.4         | NNW  | 335 |
|     | 10 | 0.09         | 3.2          | 0.15        | 3.8         | 0.19         | 3.6          | 0.26        | 2.9         | NNW  | 348 |
|     | 12 | 0.13         | 2.3          | 0.19        | 2.5         | 0.23         | 2.5          | 0.47        | 2.3         | NW   | 315 |
|     | 14 | 0.11         | 2.4          | 0.16        | 2.6         | 0.19         | 2.5          | 0.30        | 1.7         | NNE  | 31  |
|     | 16 | 0.09         | 2.4          | 0.14        | 2.7         | 0.17         | 2.7          | 0.25        | 2.6         | W    | 271 |
|     | 18 | * 0.15       | 2.4          | 0.22        | 2.4         | 0.28         | 2.4          | 0.35        | 2.4         | E    | 84  |
|     | 20 | 0.15         | 2.4          | * 0.24      | 2.6         | * 0.31       | 2.5          | * 0.53      | 2.2         | ENE  | 68  |
|     | 22 | 0.12         | 2.6          | 0.17        | 2.9         | 0.21         | 2.7          | 0.28        | 3.0         | NW   | 306 |
|     | 最大 | 0.15         | 2.4          | 0.24        | 2.6         | 0.31         | 2.5          | 0.53        | 2.2         |      |     |
|     | 平均 | 0.11         | 2.7          | 0.16        | 3.1         | 0.20         | 3.1          | 0.30        | 2.8         |      |     |
| 12  | 00 | 0.11         | 2.5          | 0.17        | 2.8         | 0.21         | 2.6          | 0.33        | 2.4         | NNW  | 346 |
|     | 02 | 0.10         | 2.6          | 0.14        | 3.0         | 0.17         | 3.0          | 0.24        | 2.5         | NE   | 55  |
|     | 04 | 0.09         | 2.4          | 0.14        | 2.8         | 0.17         | 2.6          | 0.24        | 1.8         | N    | 353 |
|     | 06 | 0.07         | 3.0          | 0.10        | 3.7         | 0.12         | 3.7          | 0.17        | 2.8         | 欠測   | 欠測  |
|     | 08 | 0.07         | 2.6          | 0.11        | 3.2         | 0.13         | 3.0          | 0.17        | 1.7         | 欠測   | 欠測  |
|     | 10 | 0.08         | 3.1          | 0.12        | 3.4         | 0.15         | 3.4          | 0.20        | 3.2         | 欠測   | 欠測  |
|     | 12 | 0.10         | 2.3          | 0.14        | 2.7         | 0.17         | 2.8          | 0.26        | 1.8         | NE   | 43  |
|     | 14 | 0.12         | 2.2          | 0.17        | 2.4         | 0.21         | 2.2          | 0.33        | 1.6         | NW   | 311 |
|     | 16 | * 0.12       | 2.4          | * 0.19      | 2.5         | * 0.24       | 2.4          | * 0.36      | 2.3         | ENE  | 58  |
|     | 18 | 0.11         | 2.5          | 0.16        | 2.7         | 0.20         | 2.7          | 0.28        | 2.7         | NW   | 313 |
|     | 20 | 0.10         | 2.4          | 0.16        | 2.6         | 0.20         | 2.5          | 0.29        | 2.2         | ENE  | 73  |
|     | 22 | 0.07         | 2.8          | 0.10        | 3.5         | 0.12         | 3.8          | 0.18        | 2.8         | 欠測   | 欠測  |
|     | 最大 | 0.12         | 2.4          | 0.19        | 2.5         | 0.24         | 2.4          | 0.36        | 2.3         |      |     |
|     | 平均 | 0.10         | 2.6          | 0.14        | 2.9         | 0.17         | 2.9          | 0.25        | 2.3         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 6月

| 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  | 309 回  |
| 欠測回数  | 0 回   | 欠測回数  | 51 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 14.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|-----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|     |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 13  | 00 | * 0.14 | 2.7   | 0.20   | 2.9  | 0.25   | 2.9   | 0.37   | 2.9  | NW   | 314 |
|     | 02 | 0.10   | 2.6   | 0.16   | 2.9  | 0.20   | 2.7   | 0.27   | 2.7  | NE   | 37  |
|     | 04 | 0.09   | 2.4   | 0.14   | 2.8  | 0.17   | 2.9   | 0.30   | 2.9  | NE   | 50  |
|     | 06 | 0.09   | 2.5   | 0.14   | 2.9  | 0.19   | 2.6   | 0.32   | 1.5  | ENE  | 57  |
|     | 08 | 0.09   | 2.5   | 0.14   | 2.6  | 0.18   | 2.5   | 0.22   | 2.3  | NW   | 316 |
|     | 10 | 0.12   | 2.4   | 0.19   | 2.4  | 0.24   | 2.4   | 0.35   | 2.1  | NE   | 40  |
|     | 12 | 0.10   | 2.3   | 0.16   | 2.4  | 0.20   | 2.3   | * 0.41 | 2.1  | ENE  | 75  |
|     | 14 | 0.11   | 2.5   | 0.16   | 2.6  | 0.20   | 2.6   | 0.27   | 2.5  | ENE  | 62  |
|     | 16 | 0.09   | 2.6   | 0.13   | 3.1  | 0.15   | 2.9   | 0.22   | 2.3  | NNE  | 30  |
|     | 18 | 0.11   | 2.4   | 0.17   | 2.6  | 0.21   | 2.5   | 0.30   | 2.1  | NE   | 38  |
|     | 20 | 0.14   | 2.6   | 0.20   | 2.7  | 0.25   | 2.6   | 0.40   | 2.5  | WNW  | 293 |
|     | 22 | 0.13   | 2.8   | * 0.21 | 2.9  | * 0.27 | 2.8   | 0.35   | 2.7  | NE   | 39  |
|     | 最大 | 0.14   | 2.7   | 0.21   | 2.9  | 0.27   | 2.8   | 0.41   | 2.1  |      |     |
|     | 平均 | 0.11   | 2.5   | 0.17   | 2.7  | 0.21   | 2.6   | 0.32   | 2.4  |      |     |
| 14  | 00 | 0.12   | 2.8   | 0.18   | 3.1  | 0.22   | 3.2   | 0.28   | 3.0  | NNE  | 13  |
|     | 02 | 0.10   | 2.9   | 0.14   | 3.6  | 0.16   | 3.5   | 0.20   | 4.9  | N    | 8   |
|     | 04 | 0.12   | 2.5   | 0.17   | 2.9  | 0.22   | 3.0   | 0.30   | 2.5  | E    | 79  |
|     | 06 | 0.11   | 2.6   | 0.16   | 2.8  | 0.20   | 2.8   | 0.26   | 2.6  | NNW  | 327 |
|     | 08 | 0.10   | 2.8   | 0.15   | 3.1  | 0.18   | 3.0   | 0.26   | 2.9  | NW   | 305 |
|     | 10 | 0.10   | 2.9   | 0.15   | 3.2  | 0.19   | 3.0   | 0.28   | 2.8  | N    | 4   |
|     | 12 | 0.09   | 3.0   | 0.13   | 3.4  | 0.17   | 3.4   | 0.28   | 3.1  | 欠測   | 欠測  |
|     | 14 | 0.14   | 2.7   | 0.21   | 3.1  | 0.27   | 3.0   | 0.39   | 2.7  | NNW  | 338 |
|     | 16 | 0.18   | 2.8   | 0.28   | 3.1  | 0.35   | 2.9   | 0.57   | 2.7  | WNW  | 283 |
|     | 18 | * 0.26 | 2.8   | * 0.40 | 3.0  | * 0.49 | 3.0   | 0.64   | 3.1  | NW   | 314 |
|     | 20 | 0.23   | 2.7   | 0.36   | 2.9  | 0.46   | 2.9   | * 0.69 | 2.6  | 欠測   | 欠測  |
|     | 22 | 0.23   | 2.9   | 0.36   | 3.2  | 0.45   | 3.1   | 0.62   | 2.6  | 欠測   | 欠測  |
|     | 最大 | 0.26   | 2.8   | 0.40   | 3.0  | 0.49   | 3.0   | 0.69   | 2.6  |      |     |
|     | 平均 | 0.15   | 2.8   | 0.22   | 3.1  | 0.28   | 3.1   | 0.40   | 3.0  |      |     |
| 15  | 00 | 0.26   | 2.9   | 0.40   | 3.3  | 0.50   | 3.2   | 0.71   | 3.1  | 欠測   | 欠測  |
|     | 02 | 0.25   | 3.1   | 0.38   | 3.3  | 0.50   | 3.3   | 0.71   | 3.4  | 欠測   | 欠測  |
|     | 04 | 0.22   | 3.1   | 0.34   | 3.4  | 0.41   | 3.4   | 0.56   | 3.6  | NE   | 49  |
|     | 06 | 0.20   | 2.9   | 0.30   | 3.5  | 0.38   | 3.4   | 0.63   | 3.3  | NNW  | 348 |
|     | 08 | 0.17   | 3.1   | 0.25   | 3.5  | 0.31   | 3.5   | 0.41   | 3.6  | 欠測   | 欠測  |
|     | 10 | 0.21   | 3.1   | 0.32   | 3.5  | 0.40   | 3.6   | 0.56   | 3.5  | NE   | 41  |
|     | 12 | 0.22   | 2.8   | 0.33   | 3.1  | 0.42   | 3.0   | 0.60   | 2.3  | N    | 356 |
|     | 14 | 0.36   | 3.0   | 0.56   | 3.2  | 0.70   | 3.1   | 1.04   | 2.8  | NE   | 45  |
|     | 16 | 0.38   | 3.1   | 0.59   | 3.4  | 0.76   | 3.3   | 1.03   | 3.6  | NNE  | 20  |
|     | 18 | 0.39   | 3.2   | 0.59   | 3.5  | 0.72   | 3.4   | 1.01   | 3.6  | NE   | 49  |
|     | 20 | * 0.43 | 3.4   | * 0.68 | 3.7  | * 0.84 | 3.6   | * 1.14 | 3.6  | NNE  | 16  |
|     | 22 | 0.35   | 3.2   | 0.55   | 3.5  | 0.68   | 3.5   | 0.84   | 4.0  | NNE  | 25  |
|     | 最大 | 0.43   | 3.4   | 0.68   | 3.7  | 0.84   | 3.6   | 1.14   | 3.6  |      |     |
|     | 平均 | 0.29   | 3.1   | 0.44   | 3.4  | 0.55   | 3.4   | 0.77   | 3.4  |      |     |
| 16  | 00 | 0.28   | 3.1   | 0.42   | 3.4  | 0.52   | 3.5   | 0.68   | 3.6  | NNW  | 348 |
|     | 02 | 0.26   | 3.1   | 0.39   | 3.4  | 0.48   | 3.4   | 0.70   | 3.6  | NNE  | 16  |
|     | 04 | 0.26   | 3.0   | 0.39   | 3.4  | 0.49   | 3.4   | 0.69   | 3.3  | WNW  | 295 |
|     | 06 | 0.24   | 3.2   | 0.37   | 3.7  | 0.45   | 4.0   | 0.63   | 4.2  | N    | 8   |
|     | 08 | 0.24   | 3.8   | 0.37   | 5.2  | 0.46   | 5.4   | 0.58   | 6.1  | N    | 4   |
|     | 10 | 0.30   | 3.9   | 0.47   | 5.3  | 0.58   | 6.0   | 0.71   | 6.1  | NNE  | 20  |
|     | 12 | 0.28   | 3.6   | 0.44   | 4.8  | 0.56   | 6.2   | * 0.77 | 6.8  | NNE  | 12  |
|     | 14 | * 0.32 | 3.1   | * 0.49 | 3.6  | * 0.61 | 3.5   | 0.74   | 2.6  | NE   | 37  |
|     | 16 | 0.29   | 3.2   | 0.43   | 3.9  | 0.51   | 3.8   | 0.62   | 2.9  | NNE  | 25  |
|     | 18 | 0.25   | 3.2   | 0.38   | 3.9  | 0.47   | 3.8   | 0.69   | 3.9  | NNE  | 20  |
|     | 20 | 0.27   | 3.0   | 0.41   | 3.6  | 0.52   | 3.7   | 0.72   | 5.1  | NNE  | 12  |
|     | 22 | 0.24   | 3.2   | 0.38   | 3.8  | 0.47   | 3.9   | 0.64   | 3.9  | NNE  | 12  |
|     | 最大 | 0.32   | 3.1   | 0.49   | 3.6  | 0.61   | 3.5   | 0.77   | 6.8  |      |     |
|     | 平均 | 0.27   | 3.3   | 0.41   | 4.0  | 0.51   | 4.2   | 0.68   | 4.3  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 6月

| 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  | 309 回  |
| 欠測回数  | 0 回   | 欠測回数  | 51 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 14.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 17 | 00 | 0.26         | 3.2          | 0.40        | 3.8         | 0.48         | 3.9          | 0.59        | 5.2         | NNE  | 25  |
|    | 02 | 0.25         | 3.5          | 0.39        | 4.6         | 0.48         | 4.7          | 0.61        | 3.9         | NE   | 37  |
|    | 04 | 0.29         | 3.8          | 0.44        | 5.0         | 0.55         | 5.0          | 0.77        | 5.3         | NE   | 45  |
|    | 06 | 0.26         | 3.3          | 0.40        | 4.3         | 0.50         | 4.6          | 0.63        | 5.0         | NNE  | 20  |
|    | 08 | 0.26         | 3.6          | 0.41        | 4.6         | 0.50         | 4.9          | 0.68        | 5.3         | NNE  | 12  |
|    | 10 | 0.23         | 3.1          | 0.36        | 3.9         | 0.44         | 4.5          | 0.60        | 4.8         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.26         | 2.9          | 0.41        | 3.4         | 0.52         | 3.5          | 0.80        | 2.1         | NE   | 45  |
|    | 14 | * 0.34       | 3.0          | * 0.54      | 3.4         | * 0.66       | 3.2          | * 0.97      | 2.5         | 欠測   | 欠測  |
|    | 16 | 0.30         | 3.1          | 0.47        | 3.6         | 0.60         | 3.7          | 0.81        | 4.0         | NE   | 37  |
|    | 18 | 0.28         | 3.3          | 0.43        | 3.8         | 0.56         | 3.9          | 0.71        | 4.0         | NE   | 37  |
|    | 20 | 0.27         | 3.4          | 0.42        | 4.2         | 0.52         | 4.1          | 0.69        | 4.8         | NNE  | 29  |
|    | 22 | 0.30         | 3.5          | 0.46        | 4.2         | 0.58         | 4.2          | 0.80        | 3.5         | NE   | 41  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.34         | 3.0          | 0.54        | 3.4         | 0.66         | 3.2          | 0.97        | 2.5         |      |     |
|    | 平均 | 0.27         | 3.3          | 0.43        | 4.1         | 0.53         | 4.2          | 0.72        | 4.2         |      |     |
| 18 | 00 | * 0.28       | 3.6          | * 0.43      | 4.6         | * 0.53       | 4.9          | * 0.79      | 5.9         | NE   | 37  |
|    | 02 | 0.26         | 4.4          | 0.40        | 5.2         | 0.50         | 5.3          | 0.71        | 4.3         | NNE  | 16  |
|    | 04 | 0.23         | 4.6          | 0.34        | 5.5         | 0.42         | 5.4          | 0.54        | 5.1         | N    | 0   |
|    | 06 | 0.22         | 4.7          | 0.34        | 5.8         | 0.41         | 5.8          | 0.45        | 4.8         | NNE  | 33  |
|    | 08 | 0.18         | 4.3          | 0.29        | 5.4         | 0.36         | 5.6          | 0.46        | 5.4         | NNE  | 29  |
|    | 10 | 0.19         | 4.7          | 0.29        | 5.8         | 0.36         | 5.8          | 0.52        | 5.9         | NNE  | 29  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.19         | 4.7          | 0.30        | 5.6         | 0.38         | 5.7          | 0.47        | 5.9         | NNE  | 25  |
|    | 14 | 0.21         | 4.6          | 0.33        | 5.5         | 0.40         | 5.4          | 0.51        | 4.5         | NNE  | 33  |
|    | 16 | 0.20         | 4.4          | 0.31        | 5.5         | 0.38         | 5.3          | 0.45        | 5.6         | NNE  | 20  |
|    | 18 | 0.21         | 4.6          | 0.33        | 5.5         | 0.42         | 5.4          | 0.60        | 4.9         | NNE  | 25  |
|    | 20 | 0.18         | 3.8          | 0.29        | 5.1         | 0.38         | 5.1          | 0.54        | 5.4         | NNE  | 20  |
|    | 22 | 0.19         | 3.9          | 0.30        | 5.2         | 0.39         | 5.3          | 0.54        | 4.7         | NNE  | 33  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.28         | 3.6          | 0.43        | 4.6         | 0.53         | 4.9          | 0.79        | 5.9         |      |     |
|    | 平均 | 0.21         | 4.4          | 0.33        | 5.4         | 0.41         | 5.4          | 0.55        | 5.2         |      |     |
| 19 | 00 | 0.16         | 4.4          | 0.26        | 5.4         | 0.31         | 5.6          | 0.44        | 5.5         | ENE  | 65  |
|    | 02 | * 0.18       | 4.5          | * 0.28      | 5.7         | * 0.35       | 5.8          | 0.43        | 6.1         | N    | 8   |
|    | 04 | 0.17         | 4.9          | 0.26        | 5.6         | 0.33         | 5.6          | * 0.45      | 6.0         | NNE  | 29  |
|    | 06 | 0.16         | 4.8          | 0.26        | 5.5         | 0.33         | 5.5          | 0.42        | 5.7         | NNE  | 25  |
|    | 08 | 0.15         | 4.8          | 0.23        | 5.4         | 0.28         | 5.4          | 0.38        | 5.6         | NNE  | 12  |
|    | 10 | 0.14         | 4.4          | 0.21        | 5.4         | 0.27         | 5.5          | 0.38        | 4.8         | ENE  | 61  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.11         | 4.5          | 0.16        | 5.3         | 0.20         | 5.3          | 0.25        | 5.2         | NE   | 37  |
|    | 14 | 0.10         | 4.3          | 0.15        | 5.2         | 0.19         | 5.1          | 0.24        | 5.2         | NE   | 41  |
|    | 16 | 0.08         | 3.5          | 0.12        | 4.9         | 0.15         | 5.0          | 0.22        | 3.7         | 欠測   | 欠測  |
|    | 18 | 0.07         | 2.9          | 0.10        | 4.0         | 0.12         | 4.7          | 0.18        | 4.2         | WNW  | 290 |
|    | 20 | 0.07         | 3.2          | 0.10        | 4.0         | 0.12         | 4.6          | 0.17        | 4.0         | ENE  | 65  |
|    | 22 | 0.07         | 2.7          | 0.10        | 3.3         | 0.13         | 3.6          | 0.20        | 5.1         | NNE  | 29  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.18         | 4.5          | 0.28        | 5.7         | 0.35         | 5.8          | 0.45        | 6.0         |      |     |
|    | 平均 | 0.12         | 4.1          | 0.19        | 5.0         | 0.23         | 5.1          | 0.31        | 5.1         |      |     |
| 20 | 00 | 0.05         | 2.9          | 0.07        | 3.9         | 0.09         | 4.3          | 0.11        | 4.2         | 欠測   | 欠測  |
|    | 02 | 0.05         | 3.4          | 0.08        | 4.7         | 0.09         | 5.5          | 0.13        | 3.6         | 欠測   | 欠測  |
|    | 04 | 0.05         | 3.2          | 0.07        | 4.6         | 0.09         | 5.1          | 0.11        | 6.5         | 欠測   | 欠測  |
|    | 06 | 0.06         | 2.9          | 0.08        | 3.8         | 0.10         | 3.7          | 0.13        | 8.0         | 欠測   | 欠測  |
|    | 08 | 0.06         | 3.2          | 0.09        | 3.8         | 0.10         | 3.8          | 0.15        | 2.0         | 欠測   | 欠測  |
|    | 10 | 0.06         | 2.9          | 0.08        | 3.5         | 0.10         | 3.5          | 0.16        | 1.6         | WNW  | 299 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.12         | 2.2          | 0.19        | 2.4         | 0.24         | 2.3          | 0.35        | 2.6         | ENE  | 62  |
|    | 14 | 0.18         | 2.3          | 0.28        | 2.5         | 0.36         | 2.4          | 0.49        | 2.5         | ENE  | 75  |
|    | 16 | 0.21         | 2.4          | 0.32        | 2.5         | 0.41         | 2.4          | 0.61        | 2.0         | ENE  | 75  |
|    | 18 | 0.19         | 2.7          | 0.29        | 2.9         | 0.37         | 2.9          | 0.45        | 4.3         | NE   | 46  |
|    | 20 | * 0.27       | 3.1          | * 0.41      | 3.6         | * 0.50       | 3.6          | * 0.69      | 3.6         | NNE  | 12  |
|    | 22 | 0.25         | 3.4          | 0.38        | 3.9         | 0.48         | 4.1          | 0.67        | 2.9         | NE   | 49  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.27         | 3.1          | 0.41        | 3.6         | 0.50         | 3.6          | 0.69        | 3.6         |      |     |
|    | 平均 | 0.13         | 2.9          | 0.19        | 3.5         | 0.24         | 3.6          | 0.34        | 3.6         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 6月

| 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  | 309 回  |
| 欠測回数  | 0 回   | 欠測回数  | 51 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 14.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 21  | 00 | 0.19         | 3.6          | 0.29        | 4.3         | 0.36         | 4.6          | 0.49        | 4.3         | 欠測   | 欠測  |
|     | 02 | 0.16         | 3.6          | 0.24        | 4.5         | 0.29         | 4.7          | 0.37        | 4.6         | NNW  | 348 |
|     | 04 | 0.14         | 4.1          | 0.22        | 5.9         | 0.29         | 6.4          | 0.36        | 7.9         | NNW  | 344 |
|     | 06 | 0.17         | 4.9          | 0.28        | 7.0         | 0.35         | 7.4          | 0.49        | 7.6         | N    | 8   |
|     | 08 | 0.19         | 5.5          | 0.30        | 7.4         | 0.37         | 7.4          | 0.49        | 7.5         | N    | 356 |
|     | 10 | 0.20         | 5.1          | 0.32        | 6.4         | 0.41         | 6.7          | 0.54        | 6.1         | N    | 4   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.23         | 5.0          | 0.37        | 6.6         | 0.45         | 6.8          | 0.58        | 6.1         | N    | 8   |
|     | 14 | 0.23         | 4.3          | 0.38        | 6.3         | 0.49         | 6.6          | 0.62        | 8.2         | NNE  | 12  |
|     | 16 | * 0.33       | 5.2          | * 0.52      | 7.3         | * 0.63       | 7.3          | * 0.77      | 7.5         | NNE  | 20  |
|     | 18 | 0.26         | 3.1          | 0.41        | 3.8         | 0.51         | 3.9          | 0.74        | 5.0         | N    | 8   |
|     | 20 | 0.23         | 3.4          | 0.35        | 4.3         | 0.44         | 4.6          | 0.59        | 7.1         | 欠測   | 欠測  |
|     | 22 | 0.23         | 3.9          | 0.36        | 5.0         | 0.46         | 5.4          | 0.57        | 8.4         | 欠測   | 欠測  |
|     | 最大 | 0.33         | 5.2          | 0.52        | 7.3         | 0.63         | 7.3          | 0.77        | 7.5         |      |     |
|     | 平均 | 0.21         | 4.3          | 0.34        | 5.7         | 0.42         | 6.0          | 0.55        | 6.7         |      |     |
| 22  | 00 | 0.27         | 4.6          | 0.40        | 5.8         | 0.50         | 5.9          | 0.61        | 7.2         | 欠測   | 欠測  |
|     | 02 | 0.23         | 4.7          | 0.35        | 6.2         | 0.43         | 6.4          | 0.57        | 6.0         | 欠測   | 欠測  |
|     | 04 | 0.26         | 5.2          | 0.40        | 6.8         | 0.50         | 7.1          | 0.64        | 6.6         | NE   | 45  |
|     | 06 | 0.26         | 5.4          | 0.40        | 6.2         | 0.48         | 6.6          | 0.59        | 8.1         | NNE  | 25  |
|     | 08 | 0.26         | 5.0          | 0.41        | 6.1         | 0.53         | 5.9          | * 0.77      | 6.8         | NNE  | 33  |
|     | 10 | 0.27         | 5.5          | 0.41        | 6.9         | 0.50         | 6.8          | 0.65        | 5.9         | NNE  | 25  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.25         | 5.5          | 0.37        | 6.4         | 0.44         | 6.6          | 0.55        | 6.0         | NNE  | 33  |
|     | 14 | 0.28         | 3.1          | 0.43        | 4.2         | 0.54         | 4.7          | 0.77        | 5.4         | N    | 4   |
|     | 16 | 0.27         | 2.8          | 0.42        | 3.2         | 0.53         | 3.2          | 0.65        | 6.1         | NE   | 41  |
|     | 18 | * 0.29       | 3.2          | * 0.44      | 3.9         | * 0.55       | 3.7          | 0.75        | 4.1         | NNE  | 33  |
|     | 20 | 0.22         | 3.3          | 0.34        | 4.4         | 0.42         | 4.7          | 0.61        | 6.6         | NE   | 41  |
|     | 22 | 0.22         | 4.5          | 0.35        | 6.1         | 0.44         | 6.2          | 0.62        | 6.1         | NNE  | 29  |
|     | 最大 | 0.29         | 3.2          | 0.44        | 3.9         | 0.55         | 3.7          | 0.77        | 6.8         |      |     |
|     | 平均 | 0.26         | 4.4          | 0.39        | 5.5         | 0.49         | 5.7          | 0.65        | 6.2         |      |     |
| 23  | 00 | 0.16         | 4.5          | 0.27        | 6.2         | 0.35         | 6.2          | 0.45        | 5.4         | 欠測   | 欠測  |
|     | 02 | 0.13         | 4.5          | 0.19        | 5.9         | 0.24         | 5.8          | 0.33        | 5.3         | NNE  | 33  |
|     | 04 | 0.10         | 4.5          | 0.16        | 6.0         | 0.19         | 6.2          | 0.23        | 7.1         | ENE  | 57  |
|     | 06 | 0.09         | 4.3          | 0.15        | 5.7         | 0.18         | 5.7          | 0.25        | 5.9         | NE   | 45  |
|     | 08 | 0.08         | 4.0          | 0.13        | 5.4         | 0.16         | 5.6          | 0.25        | 5.1         | W    | 262 |
|     | 10 | 0.11         | 3.9          | 0.18        | 4.8         | 0.21         | 4.2          | 0.35        | 4.6         | N    | 8   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.13         | 4.2          | 0.20        | 5.2         | 0.25         | 5.4          | 0.33        | 5.7         | 欠測   | 欠測  |
|     | 14 | 0.21         | 2.9          | 0.33        | 3.6         | 0.40         | 3.7          | 0.55        | 5.4         | N    | 352 |
|     | 16 | * 0.28       | 3.2          | * 0.43      | 3.8         | * 0.54       | 3.9          | * 0.72      | 4.9         | 欠測   | 欠測  |
|     | 18 | 0.25         | 3.2          | 0.38        | 3.9         | 0.47         | 4.0          | 0.60        | 3.4         | NNE  | 20  |
|     | 20 | 0.23         | 3.1          | 0.36        | 4.0         | 0.45         | 4.4          | 0.62        | 5.1         | NNE  | 33  |
|     | 22 | 0.22         | 3.4          | 0.35        | 4.3         | 0.43         | 4.6          | 0.56        | 4.7         | 欠測   | 欠測  |
|     | 最大 | 0.28         | 3.2          | 0.43        | 3.8         | 0.54         | 3.9          | 0.72        | 4.9         |      |     |
|     | 平均 | 0.17         | 3.8          | 0.26        | 4.9         | 0.32         | 5.0          | 0.44        | 5.2         |      |     |
| 24  | 00 | 0.20         | 3.3          | 0.31        | 4.2         | 0.38         | 4.4          | 0.56        | 5.6         | NNE  | 33  |
|     | 02 | 0.18         | 3.2          | 0.26        | 4.1         | 0.32         | 4.2          | 0.50        | 4.3         | NE   | 45  |
|     | 04 | 0.16         | 3.8          | 0.23        | 4.6         | 0.29         | 4.8          | 0.41        | 4.4         | NNE  | 16  |
|     | 06 | 0.14         | 3.9          | 0.22        | 4.8         | 0.26         | 4.8          | 0.37        | 4.4         | NNE  | 29  |
|     | 08 | 0.16         | 2.9          | 0.23        | 3.7         | 0.30         | 3.9          | 0.47        | 2.3         | NNE  | 29  |
|     | 10 | 0.14         | 3.1          | 0.21        | 4.1         | 0.27         | 4.4          | 0.35        | 4.3         | WNW  | 303 |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.17         | 2.8          | 0.26        | 3.6         | 0.32         | 3.8          | 0.48        | 5.4         | ENE  | 61  |
|     | 14 | 0.18         | 2.7          | 0.27        | 3.1         | 0.33         | 2.8          | 0.42        | 2.2         | WNW  | 303 |
|     | 16 | 0.20         | 2.7          | 0.31        | 2.8         | 0.39         | 2.8          | 0.47        | 2.6         | NNW  | 341 |
|     | 18 | 0.24         | 2.7          | 0.37        | 2.9         | 0.46         | 2.8          | 0.60        | 2.3         | NNE  | 28  |
|     | 20 | 0.23         | 2.8          | 0.34        | 3.0         | 0.41         | 3.0          | 0.58        | 2.6         | ENE  | 78  |
|     | 22 | * 0.26       | 2.9          | * 0.39      | 3.2         | * 0.50       | 3.0          | * 0.82      | 2.8         | NNE  | 29  |
|     | 最大 | 0.26         | 2.9          | 0.39        | 3.2         | 0.50         | 3.0          | 0.82        | 2.8         |      |     |
|     | 平均 | 0.19         | 3.1          | 0.28        | 3.7         | 0.35         | 3.7          | 0.50        | 3.6         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 6月

| 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  | 309 回  |
| 欠測回数  | 0 回   | 欠測回数  | 51 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 14.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 25  | 00 | * 0.24       | 3.0          | * 0.36      | 3.2         | * 0.44       | 3.2          | 0.58        | 3.0         | 欠測   | 欠測  |
|     | 02 | 0.15         | 3.1          | 0.22        | 3.5         | 0.28         | 3.4          | 0.40        | 3.5         | 欠測   | 欠測  |
|     | 04 | 0.11         | 3.2          | 0.17        | 3.8         | 0.21         | 3.9          | 0.31        | 3.2         | ENE  | 57  |
|     | 06 | 0.10         | 3.2          | 0.16        | 3.6         | 0.20         | 3.9          | 0.26        | 4.0         | NW   | 323 |
|     | 08 | 0.10         | 2.7          | 0.15        | 3.3         | 0.18         | 3.6          | 0.23        | 5.3         | NW   | 307 |
|     | 10 | 0.10         | 2.9          | 0.15        | 3.5         | 0.18         | 3.4          | 0.25        | 3.2         | NNW  | 331 |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.12         | 2.5          | 0.18        | 2.9         | 0.22         | 3.1          | 0.31        | 2.2         | NNE  | 15  |
|     | 14 | 0.18         | 2.5          | 0.28        | 2.9         | 0.35         | 3.0          | 0.51        | 2.5         | NNW  | 347 |
|     | 16 | 0.17         | 2.5          | 0.28        | 2.7         | 0.36         | 2.7          | 0.48        | 2.9         | NNE  | 12  |
|     | 18 | 0.16         | 2.6          | 0.25        | 2.9         | 0.32         | 2.8          | 0.50        | 2.1         | W    | 280 |
|     | 20 | 0.23         | 2.8          | 0.35        | 3.1         | 0.43         | 3.1          | * 0.60      | 3.1         | NE   | 34  |
|     | 22 | 0.21         | 3.1          | 0.33        | 3.3         | 0.41         | 3.4          | 0.52        | 3.5         | 欠測   | 欠測  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.24         | 3.0          | 0.36        | 3.2         | 0.44         | 3.2          | 0.60        | 3.1         |      |     |
|     | 平均 | 0.16         | 2.8          | 0.24        | 3.2         | 0.30         | 3.3          | 0.41        | 3.2         |      |     |
| 26  | 00 | 0.14         | 3.3          | 0.22        | 3.5         | 0.28         | 3.5          | 0.37        | 3.7         | NNE  | 16  |
|     | 02 | 0.12         | 3.1          | 0.19        | 3.4         | 0.24         | 3.6          | 0.38        | 3.2         | 欠測   | 欠測  |
|     | 04 | 0.16         | 3.4          | 0.25        | 3.7         | 0.30         | 3.7          | 0.36        | 3.7         | NNE  | 29  |
|     | 06 | 0.15         | 3.2          | 0.23        | 3.7         | 0.29         | 3.7          | 0.41        | 3.8         | N    | 4   |
|     | 08 | 0.14         | 3.3          | 0.22        | 3.8         | 0.27         | 3.8          | 0.40        | 3.8         | WNW  | 286 |
|     | 10 | 0.14         | 3.3          | 0.21        | 3.8         | 0.26         | 3.8          | 0.36        | 4.2         | NE   | 49  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.16         | 2.6          | 0.23        | 2.9         | 0.29         | 2.9          | 0.42        | 2.7         | WNW  | 284 |
|     | 14 | * 0.17       | 2.5          | * 0.26      | 2.8         | * 0.32       | 2.8          | * 0.44      | 2.3         | ENE  | 75  |
|     | 16 | 0.14         | 2.7          | 0.22        | 2.9         | 0.26         | 2.8          | 0.37        | 3.0         | NNE  | 33  |
|     | 18 | 0.11         | 2.8          | 0.17        | 3.1         | 0.21         | 3.1          | 0.29        | 2.8         | NW   | 321 |
|     | 20 | 0.10         | 2.8          | 0.15        | 3.2         | 0.18         | 3.3          | 0.26        | 2.8         | N    | 352 |
|     | 22 | 0.11         | 2.4          | 0.16        | 2.6         | 0.20         | 2.6          | 0.30        | 2.5         | NW   | 320 |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.17         | 2.5          | 0.26        | 2.8         | 0.32         | 2.8          | 0.44        | 2.3         |      |     |
|     | 平均 | 0.14         | 2.9          | 0.21        | 3.3         | 0.26         | 3.3          | 0.36        | 3.2         |      |     |
| 27  | 00 | 0.09         | 2.5          | 0.14        | 2.8         | 0.18         | 2.7          | 0.23        | 2.4         | WNW  | 284 |
|     | 02 | 0.10         | 2.5          | 0.15        | 2.9         | 0.19         | 2.9          | 0.29        | 2.4         | N    | 355 |
|     | 04 | 0.09         | 2.7          | 0.13        | 3.1         | 0.16         | 3.0          | 0.21        | 2.5         | NW   | 310 |
|     | 06 | 0.09         | 2.4          | 0.13        | 2.7         | 0.16         | 2.6          | 0.21        | 2.6         | NW   | 312 |
|     | 08 | 0.12         | 2.3          | 0.17        | 2.5         | 0.22         | 2.5          | 0.35        | 2.3         | N    | 0   |
|     | 10 | 0.09         | 2.6          | 0.14        | 2.9         | 0.17         | 2.8          | 0.22        | 2.6         | N    | 0   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.10         | 2.6          | 0.15        | 3.1         | 0.18         | 3.0          | 0.29        | 2.5         | NW   | 321 |
|     | 14 | 0.12         | 2.7          | 0.17        | 2.8         | 0.22         | 2.8          | 0.30        | 2.7         | 欠測   | 欠測  |
|     | 16 | 0.12         | 2.7          | 0.18        | 2.9         | 0.23         | 2.9          | 0.32        | 2.9         | 欠測   | 欠測  |
|     | 18 | * 0.13       | 3.0          | 0.18        | 3.2         | 0.22         | 3.3          | 0.30        | 2.9         | NNE  | 25  |
|     | 20 | 0.13         | 2.7          | * 0.19      | 3.1         | * 0.23       | 3.1          | * 0.36      | 2.9         | NNW  | 347 |
|     | 22 | 0.11         | 2.7          | 0.18        | 3.0         | 0.23         | 3.0          | 0.33        | 2.7         | 欠測   | 欠測  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.13         | 3.0          | 0.19        | 3.1         | 0.23         | 3.1          | 0.36        | 2.9         |      |     |
|     | 平均 | 0.11         | 2.6          | 0.16        | 2.9         | 0.20         | 2.9          | 0.28        | 2.6         |      |     |
| 28  | 00 | 0.08         | 2.9          | 0.13        | 3.1         | 0.17         | 3.3          | 0.20        | 3.4         | 欠測   | 欠測  |
|     | 02 | 0.09         | 3.0          | 0.13        | 3.6         | 0.16         | 3.6          | 0.20        | 3.8         | N    | 356 |
|     | 04 | 0.10         | 3.3          | 0.16        | 3.7         | 0.21         | 3.6          | 0.29        | 3.7         | WNW  | 299 |
|     | 06 | 0.11         | 3.4          | 0.17        | 3.7         | 0.20         | 3.6          | 0.26        | 3.8         | NE   | 53  |
|     | 08 | 0.11         | 3.2          | 0.17        | 3.7         | 0.21         | 3.7          | 0.26        | 3.7         | WNW  | 303 |
|     | 10 | 0.10         | 3.2          | 0.15        | 3.8         | 0.18         | 3.7          | 0.22        | 3.7         | NNE  | 29  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.13         | 2.7          | 0.19        | 3.4         | 0.24         | 3.4          | 0.34        | 3.7         | NE   | 53  |
|     | 14 | 0.20         | 2.4          | 0.31        | 2.7         | 0.39         | 2.7          | 0.64        | 2.5         | ENE  | 74  |
|     | 16 | 0.22         | 2.8          | 0.33        | 3.1         | 0.40         | 3.0          | 0.56        | 2.6         | N    | 11  |
|     | 18 | 0.24         | 2.9          | 0.37        | 3.4         | 0.47         | 3.4          | 0.62        | 3.0         | NE   | 41  |
|     | 20 | * 0.27       | 3.0          | * 0.42      | 3.4         | * 0.53       | 3.3          | * 0.81      | 3.5         | 欠測   | 欠測  |
|     | 22 | 0.25         | 3.1          | 0.39        | 3.4         | 0.46         | 3.3          | 0.66        | 2.6         | 欠測   | 欠測  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.27         | 3.0          | 0.42        | 3.4         | 0.53         | 3.3          | 0.81        | 3.5         |      |     |
|     | 平均 | 0.16         | 3.0          | 0.24        | 3.4         | 0.30         | 3.4          | 0.42        | 3.3         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 6月

| 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  | 309 回  |
| 欠測回数  | 0 回   | 欠測回数  | 51 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 14.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日   | 時    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|-----|------|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|     |      | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 29  | 00   | * 0.23 | 3.0   | * 0.36 | 3.6  | * 0.43 | 3.6   | * 0.57 | 3.2  | 欠測   | 欠測  |
|     | 02   | 0.20   | 3.1   | 0.31   | 3.7  | 0.38   | 3.8   | 0.49   | 4.5  | 欠測   | 欠測  |
|     | 04   | 0.18   | 3.1   | 0.28   | 3.7  | 0.34   | 3.7   | 0.46   | 4.6  | 欠測   | 欠測  |
|     | 06   | 0.15   | 3.2   | 0.22   | 4.0  | 0.27   | 4.3   | 0.32   | 5.1  | NE   | 49  |
|     | 08   | 0.13   | 3.5   | 0.20   | 4.1  | 0.24   | 4.4   | 0.31   | 4.7  | N    | 352 |
|     | 10   | 0.15   | 3.4   | 0.23   | 4.2  | 0.29   | 4.2   | 0.38   | 4.3  | NNE  | 25  |
|     | 12   | 0.13   | 3.4   | 0.19   | 4.2  | 0.24   | 4.3   | 0.35   | 4.6  | NNE  | 16  |
|     | 14   | 0.11   | 3.6   | 0.17   | 4.4  | 0.21   | 4.7   | 0.31   | 4.6  | 欠測   | 欠測  |
|     | 16   | 0.12   | 3.8   | 0.18   | 4.6  | 0.23   | 4.6   | 0.28   | 4.4  | NE   | 37  |
|     | 18   | 0.11   | 3.8   | 0.18   | 4.6  | 0.22   | 4.7   | 0.35   | 4.9  | W    | 270 |
|     | 20   | 0.12   | 3.4   | 0.19   | 4.3  | 0.23   | 4.3   | 0.35   | 4.3  | N    | 352 |
|     | 22   | 0.13   | 3.5   | 0.20   | 4.3  | 0.25   | 4.4   | 0.31   | 4.5  | NNE  | 20  |
|     | 最大   | 0.23   | 3.0   | 0.36   | 3.6  | 0.43   | 3.6   | 0.57   | 3.2  |      |     |
|     | 平均   | 0.15   | 3.4   | 0.23   | 4.1  | 0.28   | 4.3   | 0.37   | 4.5  |      |     |
| 30  | 00   | 0.12   | 3.4   | 0.18   | 4.3  | 0.23   | 4.3   | 0.29   | 4.5  | NNW  | 340 |
|     | 02   | 0.11   | 3.6   | 0.16   | 4.6  | 0.21   | 4.6   | 0.31   | 4.2  | N    | 4   |
|     | 04   | 0.08   | 3.7   | 0.13   | 4.6  | 0.16   | 4.8   | 0.22   | 5.0  | NNW  | 340 |
|     | 06   | 0.08   | 3.7   | 0.12   | 4.7  | 0.16   | 5.0   | 0.19   | 5.5  | NNE  | 16  |
|     | 08   | 0.09   | 3.9   | 0.14   | 5.0  | 0.18   | 5.0   | 0.23   | 5.5  | 欠測   | 欠測  |
|     | 10   | 0.09   | 3.8   | 0.14   | 4.9  | 0.18   | 4.8   | 0.22   | 6.0  | NNE  | 12  |
|     | 12   | 0.11   | 3.5   | 0.17   | 4.9  | 0.22   | 4.9   | 0.31   | 4.3  | NW   | 311 |
|     | 14   | 0.12   | 2.6   | 0.18   | 3.1  | 0.23   | 3.2   | 0.31   | 2.3  | NNE  | 17  |
|     | 16   | 0.17   | 2.6   | 0.26   | 2.9  | 0.34   | 2.9   | 0.44   | 2.9  | N    | 10  |
|     | 18   | 0.20   | 2.7   | 0.30   | 3.0  | 0.37   | 3.0   | 0.51   | 2.7  | NE   | 41  |
|     | 20   | 0.22   | 2.8   | 0.32   | 3.1  | 0.41   | 2.9   | 0.56   | 2.8  | NNE  | 28  |
|     | 22   | * 0.22 | 3.1   | * 0.33 | 3.3  | * 0.42 | 3.3   | * 0.56 | 3.7  | NE   | 41  |
|     | 最大   | 0.22   | 3.1   | 0.33   | 3.3  | 0.42   | 3.3   | 0.56   | 3.7  |      |     |
|     | 平均   | 0.13   | 3.3   | 0.20   | 4.0  | 0.26   | 4.1   | 0.35   | 4.1  |      |     |
| 月最大 | 0.48 | 5.1    | 0.77  | 6.7    | 0.96 | 6.8    | 1.23  | 4.6    |      |      |     |
|     | 起時   | 0104   |       | 0104   |      | 0104   |       | 0112   |      |      |     |
|     | 平均   | 0.16   | 3.3   | 0.25   | 4.0  | 0.31   | 4.2   | 0.44   | 4.2  |      |     |

波浪整理表（1）

2021年 7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  | 297 回  |
| 欠測回数  | 0 回   | 欠測回数  | 75 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 20.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 01 | 00 | * 0.21 | 3.1   | * 0.32 | 3.5  | * 0.38 | 3.5   | * 0.54 | 3.5  | NNE  | 29  |
|    | 02 | 0.18   | 3.1   | 0.28   | 3.6  | 0.35   | 3.6   | 0.46   | 3.6  | NE   | 53  |
|    | 04 | 0.16   | 3.2   | 0.25   | 3.7  | 0.32   | 3.8   | 0.44   | 3.7  | NNE  | 25  |
|    | 06 | 0.13   | 3.0   | 0.20   | 3.5  | 0.24   | 3.5   | 0.31   | 3.1  | 欠測   | 欠測  |
|    | 08 | 0.12   | 2.8   | 0.19   | 3.3  | 0.23   | 3.3   | 0.33   | 4.2  | NW   | 319 |
|    | 10 | 0.11   | 3.0   | 0.16   | 3.6  | 0.21   | 3.8   | 0.35   | 2.7  | NNW  | 335 |
|    | 12 | 0.09   | 3.2   | 0.14   | 3.6  | 0.18   | 3.8   | 0.23   | 4.1  | NNE  | 20  |
|    | 14 | 0.11   | 2.6   | 0.17   | 3.0  | 0.21   | 3.0   | 0.27   | 2.9  | NE   | 46  |
|    | 16 | 0.14   | 2.5   | 0.21   | 2.6  | 0.26   | 2.4   | 0.37   | 2.4  | N    | 359 |
|    | 18 | 0.14   | 2.8   | 0.21   | 2.9  | 0.26   | 2.9   | 0.38   | 2.5  | W    | 271 |
|    | 20 | 0.13   | 3.1   | 0.20   | 3.3  | 0.25   | 3.2   | 0.33   | 2.9  | NW   | 323 |
|    | 22 | 0.12   | 3.2   | 0.18   | 3.6  | 0.23   | 3.5   | 0.30   | 3.5  | 欠測   | 欠測  |
|    | 最大 | 0.21   | 3.1   | 0.32   | 3.5  | 0.38   | 3.5   | 0.54   | 3.5  |      |     |
|    | 平均 | 0.14   | 3.0   | 0.21   | 3.4  | 0.26   | 3.4   | 0.36   | 3.3  |      |     |
| 02 | 00 | 0.10   | 3.2   | 0.15   | 3.6  | 0.18   | 3.4   | 0.25   | 3.0  | 欠測   | 欠測  |
|    | 02 | 0.09   | 3.1   | 0.13   | 3.6  | 0.17   | 3.4   | 0.31   | 3.5  | 欠測   | 欠測  |
|    | 04 | 0.08   | 3.0   | 0.12   | 3.6  | 0.15   | 3.8   | 0.22   | 3.2  | 欠測   | 欠測  |
|    | 06 | 0.09   | 3.2   | 0.13   | 3.8  | 0.16   | 4.0   | 0.20   | 6.1  | NNW  | 348 |
|    | 08 | 0.10   | 3.2   | 0.15   | 4.4  | 0.19   | 4.7   | 0.23   | 7.3  | NNW  | 348 |
|    | 10 | 0.09   | 2.9   | 0.14   | 3.4  | 0.17   | 3.5   | 0.23   | 3.4  | 欠測   | 欠測  |
|    | 12 | 0.11   | 2.7   | 0.16   | 3.3  | 0.19   | 3.2   | 0.32   | 3.1  | WNW  | 303 |
|    | 14 | 0.16   | 2.6   | 0.25   | 2.9  | 0.31   | 2.9   | 0.41   | 3.4  | NNE  | 22  |
|    | 16 | 0.23   | 2.8   | 0.36   | 3.0  | 0.44   | 3.1   | 0.60   | 3.2  | NNW  | 345 |
|    | 18 | 0.31   | 2.9   | 0.47   | 3.2  | 0.59   | 3.2   | * 0.81 | 3.4  | NNW  | 331 |
|    | 20 | * 0.31 | 3.4   | * 0.48 | 3.7  | * 0.62 | 3.7   | 0.80   | 3.9  | NNE  | 16  |
|    | 22 | 0.25   | 3.4   | 0.39   | 3.8  | 0.48   | 3.8   | 0.75   | 3.5  | NNE  | 25  |
|    | 最大 | 0.31   | 3.4   | 0.48   | 3.7  | 0.62   | 3.7   | 0.81   | 3.4  |      |     |
|    | 平均 | 0.16   | 3.0   | 0.24   | 3.5  | 0.30   | 3.6   | 0.43   | 3.9  |      |     |
| 03 | 00 | 0.23   | 3.4   | 0.36   | 3.7  | 0.47   | 3.8   | 0.71   | 4.0  | NNE  | 29  |
|    | 02 | 0.18   | 3.2   | 0.28   | 3.7  | 0.36   | 3.6   | 0.45   | 3.4  | N    | 8   |
|    | 04 | 0.16   | 3.3   | 0.24   | 3.8  | 0.31   | 3.7   | 0.44   | 3.7  | NE   | 53  |
|    | 06 | 0.19   | 3.4   | 0.29   | 3.9  | 0.37   | 3.7   | 0.48   | 3.5  | NE   | 49  |
|    | 08 | 0.19   | 2.9   | 0.28   | 3.4  | 0.34   | 3.7   | 0.50   | 3.4  | NNE  | 16  |
|    | 10 | 0.19   | 2.9   | 0.28   | 3.5  | 0.36   | 3.6   | 0.55   | 2.9  | 欠測   | 欠測  |
|    | 12 | 0.19   | 3.7   | 0.29   | 4.9  | 0.36   | 5.2   | 0.57   | 4.6  | NE   | 45  |
|    | 14 | 0.18   | 3.2   | 0.27   | 4.2  | 0.34   | 4.7   | 0.44   | 4.2  | NNE  | 12  |
|    | 16 | 0.26   | 2.9   | 0.39   | 3.3  | 0.50   | 3.0   | 0.70   | 3.3  | NE   | 53  |
|    | 18 | * 0.28 | 3.2   | * 0.41 | 3.6  | * 0.51 | 3.5   | * 0.77 | 3.6  | 欠測   | 欠測  |
|    | 20 | 0.25   | 3.2   | 0.38   | 3.9  | 0.47   | 4.2   | 0.64   | 4.7  | NNW  | 340 |
|    | 22 | 0.22   | 3.5   | 0.34   | 4.6  | 0.41   | 5.0   | 0.49   | 6.8  | N    | 352 |
|    | 最大 | 0.28   | 3.2   | 0.41   | 3.6  | 0.51   | 3.5   | 0.77   | 3.6  |      |     |
|    | 平均 | 0.21   | 3.2   | 0.32   | 3.9  | 0.40   | 4.0   | 0.56   | 4.0  |      |     |
| 04 | 00 | * 0.18 | 3.8   | * 0.28 | 5.1  | * 0.35 | 5.4   | * 0.43 | 7.0  | NNW  | 348 |
|    | 02 | 0.16   | 3.3   | 0.24   | 4.4  | 0.29   | 4.8   | 0.39   | 5.5  | WNW  | 282 |
|    | 04 | 0.14   | 3.3   | 0.20   | 4.2  | 0.25   | 4.5   | 0.37   | 4.4  | N    | 8   |
|    | 06 | 0.13   | 3.9   | 0.19   | 5.0  | 0.23   | 5.5   | 0.32   | 5.0  | NNE  | 16  |
|    | 08 | 0.11   | 4.0   | 0.17   | 5.3  | 0.21   | 5.5   | 0.29   | 6.2  | N    | 356 |
|    | 10 | 0.12   | 4.4   | 0.18   | 5.8  | 0.23   | 6.1   | 0.31   | 6.2  | N    | 4   |
|    | 12 | 0.14   | 2.9   | 0.21   | 3.7  | 0.26   | 4.0   | 0.35   | 5.3  | N    | 0   |
|    | 14 | 0.14   | 3.0   | 0.20   | 3.9  | 0.25   | 4.4   | 0.33   | 5.1  | N    | 352 |
|    | 16 | 0.13   | 3.1   | 0.20   | 4.2  | 0.25   | 4.4   | 0.32   | 5.7  | NW   | 311 |
|    | 18 | 0.11   | 3.0   | 0.17   | 4.3  | 0.23   | 5.1   | 0.34   | 5.9  | 欠測   | 欠測  |
|    | 20 | 0.12   | 3.4   | 0.19   | 4.9  | 0.25   | 5.0   | 0.34   | 5.4  | NNE  | 16  |
|    | 22 | 0.10   | 3.3   | 0.16   | 4.5  | 0.20   | 4.8   | 0.26   | 5.5  | 欠測   | 欠測  |
|    | 最大 | 0.18   | 3.8   | 0.28   | 5.1  | 0.35   | 5.4   | 0.43   | 7.0  |      |     |
|    | 平均 | 0.13   | 3.4   | 0.20   | 4.6  | 0.25   | 5.0   | 0.34   | 5.6  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 7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  | 297 回  |
| 欠測回数  | 0 回   | 欠測回数  | 75 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 20.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 05  | 00 | 0.09         | 3.2          | 0.14        | 4.5         | 0.19         | 4.5          | 0.27        | 4.9         | NNW  | 344 |
|     | 02 | 0.10         | 2.3          | 0.16        | 2.5         | 0.21         | 2.3          | 0.27        | 2.1         | NW   | 313 |
|     | 04 | 0.07         | 3.2          | 0.10        | 4.4         | 0.12         | 4.6          | 0.16        | 4.0         | 欠測   | 欠測  |
|     | 06 | 0.05         | 3.5          | 0.08        | 4.7         | 0.09         | 5.2          | 0.11        | 5.8         | 欠測   | 欠測  |
|     | 08 | * 0.17       | 2.2          | * 0.26      | 2.3         | * 0.34       | 2.2          | * 0.51      | 1.9         | NW   | 319 |
|     | 10 | 0.10         | 2.4          | 0.14        | 2.8         | 0.18         | 2.8          | 0.25        | 2.0         | ENE  | 67  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.10         | 2.3          | 0.15        | 2.5         | 0.19         | 2.2          | 0.25        | 2.0         | NW   | 319 |
|     | 14 | 0.07         | 2.9          | 0.11        | 3.7         | 0.14         | 3.8          | 0.19        | 1.8         | NNE  | 12  |
|     | 16 | 0.13         | 2.2          | 0.19        | 2.4         | 0.24         | 2.4          | 0.44        | 1.9         | WNW  | 287 |
|     | 18 | 0.08         | 2.5          | 0.12        | 3.3         | 0.15         | 3.8          | 0.20        | 1.9         | NW   | 307 |
|     | 20 | 0.06         | 3.5          | 0.10        | 5.4         | 0.12         | 6.4          | 0.15        | 6.9         | WNW  | 303 |
|     | 22 | 0.06         | 4.0          | 0.10        | 5.9         | 0.13         | 6.9          | 0.24        | 7.1         | 欠測   | 欠測  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.17         | 2.2          | 0.26        | 2.3         | 0.34         | 2.2          | 0.51        | 1.9         |      |     |
|     | 平均 | 0.09         | 2.8          | 0.14        | 3.7         | 0.17         | 3.9          | 0.25        | 3.5         |      |     |
| 06  | 00 | 0.07         | 3.8          | 0.11        | 5.7         | 0.14         | 5.8          | 0.17        | 7.2         | NNW  | 340 |
|     | 02 | 0.08         | 4.3          | 0.12        | 6.4         | 0.15         | 6.9          | 0.20        | 6.2         | NE   | 41  |
|     | 04 | 0.08         | 3.7          | 0.13        | 6.2         | 0.16         | 6.4          | 0.25        | 6.0         | ENE  | 78  |
|     | 06 | 0.09         | 4.4          | 0.15        | 6.2         | 0.18         | 6.7          | 0.22        | 7.2         | NNE  | 16  |
|     | 08 | 0.09         | 4.8          | 0.15        | 6.3         | 0.18         | 6.4          | 0.25        | 5.9         | 欠測   | 欠測  |
|     | 10 | 0.08         | 3.8          | 0.13        | 5.7         | 0.16         | 6.2          | 0.18        | 7.3         | 欠測   | 欠測  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.09         | 4.9          | 0.13        | 6.8         | 0.16         | 7.1          | 0.22        | 6.4         | NNE  | 12  |
|     | 14 | 0.10         | 4.0          | 0.16        | 6.3         | 0.20         | 6.8          | 0.27        | 7.4         | N    | 356 |
|     | 16 | 0.09         | 4.7          | 0.14        | 6.5         | 0.17         | 6.6          | 0.25        | 6.4         | N    | 8   |
|     | 18 | 0.08         | 4.3          | 0.13        | 6.6         | 0.16         | 6.9          | 0.21        | 7.8         | ENE  | 57  |
|     | 20 | * 0.13       | 2.6          | * 0.20      | 3.1         | * 0.24       | 3.2          | * 0.30      | 2.3         | NNE  | 12  |
|     | 22 | 0.09         | 5.0          | 0.15        | 7.6         | 0.19         | 7.6          | 0.26        | 7.0         | NNW  | 335 |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.13         | 2.6          | 0.20        | 3.1         | 0.24         | 3.2          | 0.30        | 2.3         |      |     |
|     | 平均 | 0.09         | 4.2          | 0.14        | 6.1         | 0.17         | 6.4          | 0.23        | 6.4         |      |     |
| 07  | 00 | 0.11         | 4.2          | 0.16        | 5.8         | 0.20         | 6.4          | 0.28        | 6.0         | NNE  | 20  |
|     | 02 | 0.10         | 2.9          | 0.16        | 3.9         | 0.19         | 4.8          | 0.26        | 6.5         | ENE  | 57  |
|     | 04 | * 0.19       | 2.3          | * 0.29      | 2.3         | * 0.35       | 2.2          | * 0.46      | 2.1         | 欠測   | 欠測  |
|     | 06 | 0.09         | 3.3          | 0.14        | 4.7         | 0.18         | 6.0          | 0.30        | 7.9         | NW   | 323 |
|     | 08 | 0.08         | 3.2          | 0.12        | 4.9         | 0.16         | 5.4          | 0.20        | 6.7         | N    | 356 |
|     | 10 | 0.09         | 2.6          | 0.14        | 3.3         | 0.17         | 3.5          | 0.26        | 1.9         | N    | 8   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.13         | 2.4          | 0.19        | 2.6         | 0.24         | 2.4          | 0.46        | 1.9         | E    | 79  |
|     | 14 | 0.17         | 2.6          | 0.27        | 2.8         | 0.34         | 2.6          | 0.41        | 2.6         | NNW  | 338 |
|     | 16 | 0.11         | 2.9          | 0.17        | 3.9         | 0.20         | 4.2          | 0.29        | 3.0         | NW   | 319 |
|     | 18 | 0.10         | 3.4          | 0.17        | 5.0         | 0.21         | 5.7          | 0.26        | 6.0         | 欠測   | 欠測  |
|     | 20 | 0.11         | 3.8          | 0.17        | 5.6         | 0.21         | 6.5          | 0.29        | 6.8         | N    | 356 |
|     | 22 | 0.10         | 4.7          | 0.17        | 6.1         | 0.21         | 6.3          | 0.30        | 6.8         | 欠測   | 欠測  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.19         | 2.3          | 0.29        | 2.3         | 0.35         | 2.2          | 0.46        | 2.1         |      |     |
|     | 平均 | 0.12         | 3.2          | 0.18        | 4.2         | 0.22         | 4.7          | 0.31        | 4.8         |      |     |
| 08  | 00 | 0.12         | 3.8          | 0.19        | 5.2         | 0.23         | 5.8          | 0.30        | 4.7         | 欠測   | 欠測  |
|     | 02 | 0.15         | 3.5          | 0.24        | 4.7         | 0.29         | 5.0          | 0.38        | 5.3         | 欠測   | 欠測  |
|     | 04 | 0.13         | 3.6          | 0.20        | 5.1         | 0.24         | 5.2          | 0.31        | 4.4         | NNE  | 16  |
|     | 06 | 0.16         | 3.4          | 0.25        | 4.9         | 0.30         | 5.3          | 0.39        | 5.9         | 欠測   | 欠測  |
|     | 08 | 0.17         | 3.5          | 0.26        | 5.0         | 0.34         | 5.2          | 0.42        | 5.6         | N    | 8   |
|     | 10 | 0.16         | 3.2          | 0.24        | 3.9         | 0.29         | 4.2          | 0.37        | 5.7         | N    | 8   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.20         | 3.1          | 0.30        | 3.7         | 0.37         | 3.9          | 0.46        | 4.3         | NNE  | 12  |
|     | 14 | 0.20         | 3.3          | 0.30        | 4.2         | 0.37         | 4.5          | 0.48        | 5.4         | N    | 8   |
|     | 16 | 0.19         | 3.3          | 0.29        | 4.3         | 0.36         | 4.5          | 0.47        | 5.3         | NNW  | 344 |
|     | 18 | 0.20         | 3.5          | 0.31        | 4.7         | * 0.40       | 5.4          | * 0.59      | 5.9         | NNE  | 16  |
|     | 20 | * 0.22       | 3.3          | * 0.32      | 4.1         | 0.40         | 4.3          | 0.49        | 5.1         | NNE  | 29  |
|     | 22 | 0.19         | 3.6          | 0.29        | 4.5         | 0.35         | 4.8          | 0.44        | 5.5         | NE   | 41  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.22         | 3.3          | 0.32        | 4.1         | 0.40         | 5.4          | 0.59        | 5.9         |      |     |
|     | 平均 | 0.17         | 3.4          | 0.27        | 4.5         | 0.33         | 4.8          | 0.43        | 5.3         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 7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  | 297 回  |
| 欠測回数  | 0 回   | 欠測回数  | 75 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 20.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46′ -40 経度：E 137° -12′ -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 09  | 00 | * 0.17       | 3.3          | * 0.26      | 4.1         | * 0.33       | 4.4          | * 0.43      | 4.9         | 欠測   | 欠測  |
|     | 02 | 0.14         | 2.9          | 0.22        | 3.7         | 0.26         | 3.8          | 0.36        | 2.6         | 欠測   | 欠測  |
|     | 04 | 0.13         | 3.4          | 0.19        | 4.4         | 0.24         | 4.5          | 0.31        | 4.5         | 欠測   | 欠測  |
|     | 06 | 0.14         | 4.0          | 0.21        | 4.9         | 0.26         | 5.0          | 0.40        | 5.3         | NNE  | 33  |
|     | 08 | 0.11         | 3.8          | 0.16        | 4.8         | 0.20         | 5.0          | 0.28        | 4.5         | NNE  | 33  |
|     | 10 | 0.12         | 3.6          | 0.18        | 4.9         | 0.23         | 4.9          | 0.33        | 4.2         | ENE  | 65  |
|     | 12 | 0.12         | 4.3          | 0.18        | 5.2         | 0.23         | 5.2          | 0.33        | 4.6         | NNW  | 344 |
|     | 14 | 0.13         | 4.3          | 0.20        | 5.2         | 0.25         | 5.3          | 0.32        | 4.8         | NNE  | 16  |
|     | 16 | 0.11         | 4.3          | 0.17        | 5.3         | 0.21         | 5.4          | 0.29        | 5.2         | NE   | 37  |
|     | 18 | 0.10         | 4.4          | 0.15        | 5.4         | 0.18         | 5.4          | 0.25        | 5.4         | NW   | 315 |
|     | 20 | 0.15         | 2.4          | 0.22        | 2.9         | 0.28         | 3.0          | 0.37        | 2.0         | WNW  | 303 |
|     | 22 | 0.09         | 3.1          | 0.13        | 4.2         | 0.16         | 4.7          | 0.22        | 4.4         | NNE  | 20  |
|     | 最大 | 0.17         | 3.3          | 0.26        | 4.1         | 0.33         | 4.4          | 0.43        | 4.9         |      |     |
|     | 平均 | 0.13         | 3.6          | 0.19        | 4.6         | 0.24         | 4.7          | 0.32        | 4.4         |      |     |
| 10  | 00 | 0.06         | 3.2          | 0.09        | 4.5         | 0.11         | 5.3          | 0.16        | 4.4         | ENE  | 57  |
|     | 02 | 0.05         | 3.6          | 0.08        | 5.1         | 0.11         | 5.8          | 0.17        | 4.9         | 欠測   | 欠測  |
|     | 04 | 0.07         | 3.2          | 0.09        | 4.4         | 0.12         | 4.8          | 0.15        | 5.8         | N    | 4   |
|     | 06 | 0.07         | 3.0          | 0.10        | 4.1         | 0.12         | 4.3          | 0.19        | 2.4         | 欠測   | 欠測  |
|     | 08 | 0.07         | 3.3          | 0.11        | 4.3         | 0.13         | 4.6          | 0.18        | 5.1         | NNE  | 29  |
|     | 10 | 0.07         | 3.1          | 0.10        | 4.4         | 0.11         | 5.2          | 0.16        | 5.9         | NE   | 41  |
|     | 12 | 0.07         | 2.7          | 0.11        | 3.6         | 0.13         | 4.1          | 0.18        | 3.8         | N    | 8   |
|     | 14 | 0.12         | 2.2          | 0.18        | 2.3         | 0.22         | 2.2          | 0.30        | 2.0         | ENE  | 64  |
|     | 16 | * 0.16       | 2.2          | * 0.25      | 2.2         | * 0.31       | 2.1          | * 0.47      | 1.8         | E    | 83  |
|     | 18 | 0.10         | 2.6          | 0.14        | 3.0         | 0.17         | 3.3          | 0.24        | 2.9         | ENE  | 61  |
|     | 20 | 0.06         | 3.3          | 0.09        | 4.9         | 0.11         | 5.5          | 0.14        | 6.0         | 欠測   | 欠測  |
|     | 22 | 0.06         | 3.1          | 0.09        | 4.6         | 0.11         | 5.2          | 0.18        | 6.0         | NNE  | 12  |
|     | 最大 | 0.16         | 2.2          | 0.25        | 2.2         | 0.31         | 2.1          | 0.47        | 1.8         |      |     |
|     | 平均 | 0.08         | 3.0          | 0.12        | 4.0         | 0.15         | 4.4          | 0.21        | 4.2         |      |     |
| 11  | 00 | 0.08         | 3.6          | 0.11        | 5.2         | 0.14         | 5.7          | 0.21        | 6.0         | NNE  | 29  |
|     | 02 | 0.07         | 3.4          | 0.10        | 4.8         | 0.12         | 5.5          | 0.15        | 4.1         | ENE  | 65  |
|     | 04 | 0.05         | 3.9          | 0.08        | 5.6         | 0.10         | 5.7          | 0.14        | 4.8         | 欠測   | 欠測  |
|     | 06 | 0.06         | 3.2          | 0.10        | 4.4         | 0.12         | 5.0          | 0.17        | 2.2         | 欠測   | 欠測  |
|     | 08 | 0.06         | 3.2          | 0.09        | 4.6         | 0.11         | 4.8          | 0.14        | 4.5         | N    | 8   |
|     | 10 | 0.06         | 3.2          | 0.09        | 4.3         | 0.12         | 4.3          | 0.14        | 4.4         | 欠測   | 欠測  |
|     | 12 | 0.06         | 2.9          | 0.09        | 4.0         | 0.11         | 4.9          | 0.16        | 6.3         | 欠測   | 欠測  |
|     | 14 | * 0.10       | 2.7          | * 0.15      | 3.2         | * 0.19       | 3.2          | * 0.27      | 5.4         | 欠測   | 欠測  |
|     | 16 | 0.06         | 2.9          | 0.09        | 4.2         | 0.11         | 4.6          | 0.15        | 5.8         | 欠測   | 欠測  |
|     | 18 | 0.07         | 2.7          | 0.11        | 3.7         | 0.13         | 4.4          | 0.17        | 5.1         | N    | 352 |
|     | 20 | 0.07         | 2.5          | 0.10        | 2.9         | 0.13         | 3.4          | 0.18        | 4.6         | NNW  | 344 |
|     | 22 | 0.06         | 3.1          | 0.08        | 3.9         | 0.10         | 4.4          | 0.15        | 5.5         | NW   | 315 |
|     | 最大 | 0.10         | 2.7          | 0.15        | 3.2         | 0.19         | 3.2          | 0.27        | 5.4         |      |     |
|     | 平均 | 0.07         | 3.1          | 0.10        | 4.2         | 0.12         | 4.7          | 0.17        | 4.9         |      |     |
| 12  | 00 | 0.05         | 3.0          | 0.08        | 4.2         | 0.09         | 5.1          | 0.13        | 2.8         | 欠測   | 欠測  |
|     | 02 | 0.11         | 3.5          | 0.15        | 3.9         | 0.18         | 3.9          | 0.22        | 4.1         | NW   | 319 |
|     | 04 | 0.06         | 3.1          | 0.09        | 3.8         | 0.12         | 4.3          | 0.23        | 3.3         | 欠測   | 欠測  |
|     | 06 | 0.06         | 2.6          | 0.09        | 3.5         | 0.11         | 3.9          | 0.16        | 5.3         | ENE  | 78  |
|     | 08 | 0.06         | 2.7          | 0.09        | 3.4         | 0.11         | 3.5          | 0.16        | 2.9         | ENE  | 70  |
|     | 10 | 0.06         | 2.9          | 0.09        | 3.9         | 0.11         | 4.0          | 0.15        | 5.1         | WNW  | 299 |
|     | 12 | 0.06         | 2.7          | 0.09        | 3.9         | 0.11         | 4.4          | 0.15        | 4.8         | NW   | 315 |
|     | 14 | 0.07         | 2.4          | 0.10        | 3.0         | 0.13         | 3.2          | 0.22        | 4.4         | NNW  | 338 |
|     | 16 | 0.10         | 2.2          | 0.16        | 2.3         | 0.20         | 2.1          | 0.30        | 1.8         | E    | 83  |
|     | 18 | * 0.16       | 2.6          | * 0.24      | 2.8         | * 0.29       | 2.8          | * 0.42      | 2.5         | ENE  | 62  |
|     | 20 | 0.11         | 2.5          | 0.17        | 2.8         | 0.21         | 2.9          | 0.30        | 2.8         | N    | 359 |
|     | 22 | 0.08         | 2.6          | 0.12        | 3.1         | 0.14         | 3.2          | 0.21        | 2.6         | NNE  | 16  |
|     | 最大 | 0.16         | 2.6          | 0.24        | 2.8         | 0.29         | 2.8          | 0.42        | 2.5         |      |     |
|     | 平均 | 0.08         | 2.7          | 0.12        | 3.4         | 0.15         | 3.6          | 0.22        | 3.5         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 7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  | 297 回  |
| 欠測回数  | 0 回   | 欠測回数  | 75 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 20.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時   | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-------|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|       |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 13 00 | 0.06         | 2.6          | 0.09        | 3.0         | 0.11         | 3.1          | 0.15        | 5.2         | NNE  | 26  |
|       | 0.06         | 3.0          | 0.08        | 3.9         | 0.10         | 4.4          | 0.13        | 4.0         | 欠測   | 欠測  |
|       | 0.06         | 3.3          | 0.09        | 4.0         | 0.11         | 4.1          | 0.21        | 3.4         | 欠測   | 欠測  |
|       | 0.06         | 3.2          | 0.09        | 3.9         | 0.12         | 3.9          | 0.15        | 3.5         | 欠測   | 欠測  |
|       | 0.05         | 3.0          | 0.07        | 3.7         | 0.09         | 3.5          | 0.14        | 3.1         | 欠測   | 欠測  |
|       | 0.07         | 3.2          | 0.11        | 3.8         | 0.15         | 4.0          | 0.19        | 2.9         | 欠測   | 欠測  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.06         | 2.7          | 0.09        | 3.5         | 0.12         | 3.8          | 0.21        | 3.1         | NW   | 323 |
|       | 0.07         | 2.4          | 0.11        | 3.1         | 0.13         | 3.5          | 0.22        | 3.8         | NW   | 305 |
|       | 0.15         | 2.4          | 0.23        | 2.5         | 0.28         | 2.5          | 0.42        | 2.1         | N    | 11  |
| 13 18 | * 0.18       | 2.6          | * 0.27      | 2.7         | * 0.33       | 2.6          | * 0.44      | 3.1         | WNW  | 296 |
|       | 0.16         | 2.5          | 0.24        | 2.7         | 0.31         | 2.6          | 0.41        | 2.7         | N    | 8   |
|       | 0.13         | 2.6          | 0.21        | 2.8         | 0.25         | 2.7          | 0.32        | 2.6         | NNE  | 27  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 最大           | 0.18         | 2.6         | 0.27        | 2.7          | 0.33         | 2.6         | 0.44        | 3.1  |     |
|       | 平均           | 0.09         | 2.8         | 0.14        | 3.3          | 0.18         | 3.4         | 0.25        | 3.3  |     |
| 14 00 | 0.15         | 2.5          | 0.23        | 2.8         | 0.28         | 2.8          | 0.41        | 2.9         | NE   | 36  |
|       | 0.12         | 2.6          | 0.17        | 3.0         | 0.22         | 2.8          | 0.34        | 2.9         | NE   | 42  |
|       | 0.09         | 2.7          | 0.14        | 2.9         | 0.17         | 2.7          | 0.24        | 2.5         | ENE  | 63  |
|       | 0.08         | 2.6          | 0.11        | 2.9         | 0.14         | 2.8          | 0.18        | 3.5         | WNW  | 302 |
|       | 0.07         | 2.4          | 0.10        | 3.1         | 0.13         | 3.2          | 0.16        | 2.6         | NNE  | 30  |
|       | 0.06         | 2.7          | 0.09        | 3.7         | 0.11         | 4.0          | 0.13        | 8.1         | NE   | 37  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.07         | 2.6          | 0.10        | 3.7         | 0.13         | 4.2          | 0.17        | 6.1         | E    | 94  |
|       | 0.18         | 2.5          | 0.29        | 2.6         | 0.36         | 2.6          | 0.51        | 2.6         | NE   | 39  |
|       | * 0.24       | 2.7          | * 0.37      | 2.8         | * 0.47       | 2.8          | * 0.77      | 2.7         | W    | 277 |
| 14 18 | 0.19         | 2.7          | 0.30        | 2.8         | 0.38         | 2.8          | 0.51        | 2.8         | E    | 88  |
|       | 0.16         | 2.6          | 0.25        | 2.8         | 0.32         | 2.7          | 0.50        | 2.7         | NNE  | 14  |
|       | 0.13         | 2.7          | 0.19        | 2.9         | 0.24         | 3.0          | 0.35        | 2.7         | N    | 4   |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 最大           | 0.24         | 2.7         | 0.37        | 2.8          | 0.47         | 2.8         | 0.77        | 2.7  |     |
|       | 平均           | 0.13         | 2.6         | 0.20        | 3.0          | 0.25         | 3.0         | 0.36        | 3.5  |     |
| 15 00 | 0.11         | 2.9          | 0.15        | 3.6         | 0.18         | 3.6          | 0.25        | 3.3         | NNE  | 29  |
|       | 0.10         | 3.0          | 0.15        | 3.7         | 0.19         | 3.8          | 0.25        | 2.8         | W    | 266 |
|       | 0.10         | 3.1          | 0.14        | 3.9         | 0.18         | 4.2          | 0.25        | 2.8         | 欠測   | 欠測  |
|       | 0.10         | 3.1          | 0.15        | 3.9         | 0.18         | 4.1          | 0.24        | 4.2         | NNE  | 20  |
|       | 0.09         | 3.3          | 0.14        | 4.6         | 0.18         | 4.7          | 0.27        | 4.8         | NNE  | 16  |
|       | 0.12         | 3.6          | 0.18        | 4.6         | 0.23         | 4.8          | 0.32        | 4.1         | NNW  | 335 |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.11         | 2.9          | 0.16        | 4.1         | 0.19         | 4.6          | 0.24        | 3.4         | N    | 356 |
|       | 0.12         | 2.9          | 0.18        | 3.7         | 0.22         | 3.7          | 0.28        | 4.7         | NNE  | 20  |
|       | * 0.13       | 2.7          | * 0.19      | 3.5         | * 0.24       | 3.9          | * 0.36      | 5.8         | N    | 0   |
| 15 18 | 0.10         | 3.1          | 0.14        | 4.5         | 0.17         | 4.9          | 0.25        | 4.7         | NNE  | 20  |
|       | 0.09         | 3.7          | 0.13        | 5.3         | 0.16         | 5.6          | 0.21        | 3.1         | NW   | 315 |
|       | 0.11         | 4.8          | 0.16        | 6.3         | 0.19         | 6.4          | 0.27        | 5.6         | NNE  | 20  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 最大           | 0.13         | 2.7         | 0.19        | 3.5          | 0.24         | 3.9         | 0.36        | 5.8  |     |
|       | 平均           | 0.11         | 3.3         | 0.16        | 4.3          | 0.19         | 4.5         | 0.27        | 4.1  |     |
| 16 00 | 0.10         | 4.3          | 0.17        | 5.7         | 0.21         | 5.8          | 0.33        | 5.4         | NNE  | 29  |
|       | 0.12         | 4.7          | 0.18        | 5.5         | 0.22         | 5.7          | 0.29        | 5.5         | N    | 8   |
|       | 0.12         | 4.1          | 0.18        | 5.7         | 0.22         | 5.9          | 0.27        | 6.8         | NNE  | 12  |
|       | 0.10         | 3.6          | 0.16        | 5.1         | 0.20         | 5.3          | 0.27        | 5.7         | NNE  | 16  |
|       | 0.10         | 3.8          | 0.15        | 5.3         | 0.19         | 5.4          | 0.25        | 5.9         | 欠測   | 欠測  |
|       | 0.11         | 3.6          | 0.18        | 4.4         | 0.24         | 4.3          | 0.34        | 4.9         | NNE  | 25  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.09         | 3.2          | 0.14        | 4.5         | 0.18         | 4.8          | 0.23        | 5.8         | NNE  | 16  |
|       | 0.24         | 2.7          | 0.36        | 3.0         | 0.46         | 3.0          | 0.67        | 2.7         | NE   | 56  |
|       | * 0.24       | 2.8          | * 0.38      | 3.2         | * 0.50       | 3.1          | * 0.69      | 3.2         | E    | 94  |
| 16 18 | 0.19         | 2.8          | 0.30        | 3.1         | 0.38         | 3.0          | 0.51        | 2.7         | WNW  | 299 |
|       | 0.19         | 2.8          | 0.28        | 3.1         | 0.35         | 3.0          | 0.54        | 3.1         | N    | 350 |
|       | 0.17         | 2.7          | 0.25        | 3.2         | 0.30         | 3.3          | 0.44        | 3.0         | NE   | 53  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 最大           | 0.24         | 2.8         | 0.38        | 3.2          | 0.50         | 3.1         | 0.69        | 3.2  |     |
|       | 平均           | 0.15         | 3.4         | 0.23        | 4.3          | 0.29         | 4.4         | 0.40        | 4.6  |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 7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  | 297 回  |
| 欠測回数  | 0 回   | 欠測回数  | 75 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 20.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 17 | 00 | 0.14         | 2.9          | 0.22        | 3.5         | 0.28         | 3.6          | 0.41        | 3.2         | 欠測   | 欠測  |
|    | 02 | 0.14         | 3.3          | 0.21        | 3.8         | 0.26         | 3.8          | 0.35        | 3.5         | NNE  | 25  |
|    | 04 | 0.13         | 3.3          | 0.20        | 4.1         | 0.25         | 4.4          | 0.47        | 3.9         | NE   | 45  |
|    | 06 | 0.16         | 3.1          | 0.24        | 3.8         | 0.29         | 3.8          | 0.45        | 3.7         | N    | 352 |
|    | 08 | 0.14         | 3.2          | 0.22        | 3.8         | 0.29         | 3.8          | * 0.55      | 3.9         | WNW  | 286 |
|    | 10 | 0.12         | 3.2          | 0.18        | 3.9         | 0.22         | 3.9          | 0.28        | 3.3         | 欠測   | 欠測  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.11         | 2.9          | 0.16        | 3.6         | 0.19         | 3.7          | 0.27        | 3.4         | 欠測   | 欠測  |
|    | 14 | 0.14         | 2.4          | 0.21        | 2.7         | 0.26         | 2.7          | 0.38        | 2.3         | W    | 275 |
|    | 16 | * 0.17       | 2.5          | * 0.25      | 2.8         | * 0.31       | 2.6          | 0.44        | 2.4         | ENE  | 70  |
|    | 18 | 0.15         | 2.8          | 0.23        | 2.9         | 0.29         | 2.7          | 0.41        | 2.3         | ENE  | 71  |
|    | 20 | 0.12         | 2.6          | 0.18        | 2.9         | 0.23         | 2.8          | 0.29        | 3.3         | N    | 5   |
|    | 22 | 0.10         | 3.0          | 0.16        | 3.4         | 0.21         | 3.3          | 0.36        | 3.1         | 欠測   | 欠測  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.17         | 2.5          | 0.25        | 2.8         | 0.31         | 2.6          | 0.55        | 3.9         |      |     |
|    | 平均 | 0.14         | 2.9          | 0.21        | 3.4         | 0.26         | 3.4          | 0.39        | 3.2         |      |     |
| 18 | 00 | 0.13         | 2.6          | 0.20        | 3.2         | 0.25         | 3.2          | 0.36        | 3.0         | N    | 0   |
|    | 02 | 0.15         | 3.0          | 0.22        | 3.2         | 0.28         | 3.2          | 0.39        | 3.3         | NNE  | 33  |
|    | 04 | 0.20         | 3.6          | 0.30        | 4.1         | 0.39         | 4.1          | 0.48        | 4.0         | NNE  | 12  |
|    | 06 | 0.21         | 3.2          | 0.33        | 3.9         | 0.40         | 4.1          | 0.54        | 4.2         | NNE  | 20  |
|    | 08 | 0.18         | 3.1          | 0.27        | 3.7         | 0.32         | 3.9          | 0.39        | 4.0         | N    | 0   |
|    | 10 | 0.14         | 3.3          | 0.21        | 3.7         | 0.26         | 3.7          | 0.47        | 3.7         | NNE  | 25  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.13         | 2.8          | 0.20        | 3.6         | 0.25         | 3.7          | 0.34        | 3.4         | NNE  | 29  |
|    | 14 | 0.20         | 2.6          | 0.30        | 2.8         | 0.37         | 2.8          | 0.49        | 3.6         | NW   | 322 |
|    | 16 | * 0.32       | 2.8          | * 0.50      | 3.0         | * 0.64       | 2.9          | * 0.89      | 2.6         | WNW  | 296 |
|    | 18 | 0.28         | 2.9          | 0.42        | 3.0         | 0.53         | 2.9          | 0.76        | 2.9         | NW   | 311 |
|    | 20 | 0.24         | 2.8          | 0.36        | 3.0         | 0.44         | 3.0          | 0.71        | 2.7         | N    | 358 |
|    | 22 | 0.18         | 2.8          | 0.28        | 3.1         | 0.35         | 3.1          | 0.56        | 2.9         | ENE  | 75  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.32         | 2.8          | 0.50        | 3.0         | 0.64         | 2.9          | 0.89        | 2.6         |      |     |
|    | 平均 | 0.20         | 3.0          | 0.30        | 3.4         | 0.37         | 3.4          | 0.53        | 3.4         |      |     |
| 19 | 00 | 0.16         | 3.0          | 0.24        | 3.3         | 0.30         | 3.3          | 0.40        | 3.2         | 欠測   | 欠測  |
|    | 02 | 0.16         | 2.9          | 0.25        | 3.3         | 0.32         | 3.4          | 0.47        | 3.2         | N    | 4   |
|    | 04 | 0.15         | 3.1          | 0.22        | 3.6         | 0.28         | 3.5          | 0.35        | 3.2         | 欠測   | 欠測  |
|    | 06 | 0.14         | 3.2          | 0.20        | 3.6         | 0.26         | 3.5          | 0.41        | 3.6         | NNW  | 335 |
|    | 08 | 0.12         | 3.2          | 0.17        | 3.7         | 0.21         | 3.6          | 0.28        | 3.3         | NE   | 45  |
|    | 10 | 0.11         | 3.3          | 0.17        | 3.9         | 0.21         | 3.9          | 0.26        | 4.4         | N    | 8   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.11         | 3.1          | 0.17        | 3.7         | 0.22         | 3.8          | 0.29        | 4.1         | 欠測   | 欠測  |
|    | 14 | 0.15         | 2.6          | 0.23        | 3.0         | 0.29         | 2.9          | 0.42        | 3.9         | NW   | 305 |
|    | 16 | 0.20         | 2.6          | 0.30        | 2.7         | 0.38         | 2.7          | * 0.65      | 2.5         | WNW  | 296 |
|    | 18 | 0.18         | 2.7          | 0.28        | 2.9         | 0.35         | 2.9          | 0.46        | 3.2         | NW   | 318 |
|    | 20 | * 0.22       | 2.7          | * 0.34      | 2.9         | * 0.43       | 2.9          | 0.58        | 3.0         | NNW  | 340 |
|    | 22 | 0.21         | 2.8          | 0.31        | 3.1         | 0.39         | 3.0          | 0.55        | 2.7         | NNW  | 331 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.22         | 2.7          | 0.34        | 2.9         | 0.43         | 2.9          | 0.65        | 2.5         |      |     |
|    | 平均 | 0.16         | 2.9          | 0.24        | 3.3         | 0.30         | 3.3          | 0.43        | 3.4         |      |     |
| 20 | 00 | 0.19         | 2.7          | 0.28        | 3.0         | 0.36         | 2.9          | 0.61        | 2.7         | NW   | 309 |
|    | 02 | 0.15         | 3.2          | 0.21        | 3.6         | 0.25         | 3.7          | 0.35        | 3.2         | 欠測   | 欠測  |
|    | 04 | 0.12         | 2.9          | 0.19        | 3.6         | 0.23         | 3.8          | 0.32        | 5.4         | NNW  | 348 |
|    | 06 | 0.13         | 3.2          | 0.19        | 3.9         | 0.24         | 4.0          | 0.40        | 3.5         | ENE  | 57  |
|    | 08 | 0.13         | 3.1          | 0.20        | 3.6         | 0.24         | 3.4          | 0.30        | 3.4         | 欠測   | 欠測  |
|    | 10 | 0.11         | 3.2          | 0.18        | 3.6         | 0.22         | 3.7          | 0.32        | 3.8         | 欠測   | 欠測  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.13         | 2.7          | 0.20        | 3.3         | 0.24         | 3.4          | 0.32        | 3.7         | NNW  | 348 |
|    | 14 | 0.18         | 2.5          | 0.28        | 2.7         | 0.35         | 2.9          | 0.56        | 2.7         | WNW  | 295 |
|    | 16 | 0.22         | 2.5          | 0.34        | 2.7         | 0.44         | 2.7          | 0.60        | 3.0         | NE   | 49  |
|    | 18 | 0.30         | 2.9          | 0.47        | 3.1         | 0.58         | 3.1          | 0.71        | 2.8         | ENE  | 65  |
|    | 20 | * 0.31       | 3.0          | * 0.50      | 3.3         | * 0.62       | 3.3          | * 0.81      | 3.7         | 欠測   | 欠測  |
|    | 22 | 0.28         | 3.1          | 0.44        | 3.4         | 0.53         | 3.4          | 0.74        | 3.3         | N    | 0   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.31         | 3.0          | 0.50        | 3.3         | 0.62         | 3.3          | 0.81        | 3.7         |      |     |
|    | 平均 | 0.19         | 2.9          | 0.29        | 3.3         | 0.36         | 3.4          | 0.50        | 3.4         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 7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  | 297 回  |
| 欠測回数  | 0 回   | 欠測回数  | 75 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 20.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 21 | 00 | 0.24         | 3.1          | 0.37        | 3.5         | 0.47         | 3.5          | 0.61        | 3.4         | NNW  | 335 |
|    | 02 | * 0.34       | 3.8          | * 0.53      | 4.3         | * 0.69       | 4.4          | 0.90        | 4.1         | NE   | 41  |
|    | 04 | 0.31         | 4.0          | 0.47        | 4.4         | 0.58         | 4.4          | 0.75        | 4.3         | NNE  | 33  |
|    | 06 | 0.29         | 3.7          | 0.46        | 4.3         | 0.60         | 4.2          | 0.88        | 4.0         | NNE  | 25  |
|    | 08 | 0.24         | 3.5          | 0.37        | 3.8         | 0.45         | 3.8          | 0.55        | 3.6         | NNE  | 25  |
|    | 10 | 0.20         | 3.2          | 0.30        | 3.7         | 0.38         | 3.8          | 0.49        | 3.8         | 欠測   | 欠測  |
|    | 12 | 0.24         | 2.9          | 0.37        | 3.2         | 0.45         | 3.2          | 0.60        | 2.9         | ENE  | 78  |
|    | 14 | 0.24         | 2.7          | 0.37        | 2.9         | 0.46         | 2.9          | 0.60        | 3.1         | ENE  | 62  |
|    | 16 | 0.32         | 2.9          | 0.49        | 3.2         | 0.63         | 3.0          | 0.82        | 2.9         | N    | 356 |
|    | 18 | 0.33         | 3.1          | 0.51        | 3.4         | 0.64         | 3.2          | * 0.93      | 3.2         | NNE  | 25  |
|    | 20 | 0.32         | 3.1          | 0.51        | 3.5         | 0.64         | 3.3          | 0.91        | 3.2         | N    | 4   |
|    | 22 | 0.30         | 3.0          | 0.46        | 3.3         | 0.60         | 3.4          | 0.89        | 3.2         | 欠測   | 欠測  |
|    | 最大 | 0.34         | 3.8          | 0.53        | 4.3         | 0.69         | 4.4          | 0.93        | 3.2         |      |     |
|    | 平均 | 0.28         | 3.3          | 0.43        | 3.6         | 0.55         | 3.6          | 0.74        | 3.5         |      |     |
| 22 | 00 | 0.26         | 3.0          | 0.41        | 3.4         | 0.50         | 3.4          | 0.62        | 3.3         | N    | 8   |
|    | 02 | 0.22         | 3.2          | 0.35        | 3.6         | 0.43         | 3.6          | 0.57        | 3.8         | NE   | 41  |
|    | 04 | 0.18         | 3.2          | 0.28        | 3.6         | 0.36         | 3.5          | 0.47        | 3.5         | W    | 274 |
|    | 06 | 0.16         | 3.3          | 0.24        | 3.5         | 0.29         | 3.5          | 0.33        | 3.9         | 欠測   | 欠測  |
|    | 08 | 0.17         | 2.9          | 0.26        | 3.4         | 0.31         | 3.4          | 0.55        | 3.7         | NE   | 41  |
|    | 10 | 0.18         | 3.2          | 0.29        | 3.7         | 0.37         | 3.7          | 0.55        | 3.8         | NE   | 49  |
|    | 12 | 0.17         | 2.9          | 0.26        | 3.4         | 0.32         | 3.4          | 0.40        | 3.5         | NE   | 45  |
|    | 14 | 0.20         | 2.5          | 0.31        | 2.8         | 0.39         | 2.8          | 0.57        | 2.6         | N    | 10  |
|    | 16 | 0.32         | 2.7          | 0.50        | 2.9         | 0.64         | 2.8          | 0.87        | 3.0         | N    | 11  |
|    | 18 | * 0.40       | 3.1          | * 0.59      | 3.3         | * 0.71       | 3.3          | 0.93        | 3.3         | NNE  | 20  |
|    | 20 | 0.37         | 3.1          | 0.56        | 3.6         | 0.68         | 3.5          | * 1.00      | 3.1         | NNE  | 20  |
|    | 22 | 0.32         | 3.3          | 0.50        | 3.7         | 0.61         | 3.6          | 0.79        | 3.4         | NNW  | 348 |
|    | 最大 | 0.40         | 3.1          | 0.59        | 3.3         | 0.71         | 3.3          | 1.00        | 3.1         |      |     |
|    | 平均 | 0.25         | 3.0          | 0.38        | 3.4         | 0.47         | 3.4          | 0.64        | 3.4         |      |     |
| 23 | 00 | 0.23         | 3.1          | 0.37        | 3.6         | 0.47         | 3.7          | 0.65        | 3.4         | NNE  | 12  |
|    | 02 | 0.21         | 3.5          | 0.32        | 4.0         | 0.39         | 3.8          | 0.47        | 4.2         | NNE  | 29  |
|    | 04 | 0.17         | 3.5          | 0.26        | 4.1         | 0.31         | 4.3          | 0.40        | 4.5         | NNE  | 25  |
|    | 06 | 0.17         | 3.3          | 0.26        | 4.0         | 0.32         | 4.0          | 0.40        | 4.0         | 欠測   | 欠測  |
|    | 08 | 0.17         | 3.0          | 0.27        | 3.8         | 0.34         | 3.8          | 0.43        | 4.2         | 欠測   | 欠測  |
|    | 10 | 0.13         | 3.2          | 0.20        | 3.7         | 0.25         | 3.9          | 0.33        | 4.1         | 欠測   | 欠測  |
|    | 12 | 0.13         | 2.9          | 0.19        | 3.7         | 0.24         | 3.9          | 0.35        | 3.8         | ENE  | 70  |
|    | 14 | 0.18         | 2.4          | 0.27        | 2.8         | 0.35         | 2.6          | 0.59        | 2.1         | W    | 272 |
|    | 16 | 0.27         | 2.8          | 0.42        | 3.0         | 0.52         | 2.9          | 0.80        | 2.8         | 欠測   | 欠測  |
|    | 18 | * 0.33       | 3.0          | * 0.51      | 3.3         | * 0.66       | 3.2          | * 1.05      | 3.5         | 欠測   | 欠測  |
|    | 20 | 0.30         | 2.9          | 0.45        | 3.2         | 0.58         | 3.2          | 0.81        | 3.4         | 欠測   | 欠測  |
|    | 22 | 0.28         | 2.9          | 0.44        | 3.3         | 0.57         | 3.3          | 0.86        | 3.2         | N    | 4   |
|    | 最大 | 0.33         | 3.0          | 0.51        | 3.3         | 0.66         | 3.2          | 1.05        | 3.5         |      |     |
|    | 平均 | 0.21         | 3.0          | 0.33        | 3.5         | 0.42         | 3.6          | 0.59        | 3.6         |      |     |
| 24 | 00 | 0.22         | 2.8          | 0.34        | 3.1         | 0.42         | 3.1          | 0.61        | 3.2         | NE   | 44  |
|    | 02 | 0.14         | 2.8          | 0.22        | 3.2         | 0.27         | 3.1          | 0.33        | 3.3         | E    | 82  |
|    | 04 | 0.11         | 2.8          | 0.16        | 3.4         | 0.21         | 3.4          | 0.26        | 3.4         | E    | 90  |
|    | 06 | 0.10         | 2.7          | 0.16        | 3.5         | 0.20         | 3.6          | 0.30        | 3.9         | ENE  | 78  |
|    | 08 | 0.12         | 3.0          | 0.18        | 3.5         | 0.23         | 3.4          | 0.28        | 3.6         | 欠測   | 欠測  |
|    | 10 | 0.12         | 3.0          | 0.18        | 3.6         | 0.23         | 3.6          | 0.32        | 2.9         | NW   | 311 |
|    | 12 | 0.13         | 3.0          | 0.20        | 3.8         | 0.25         | 3.6          | 0.34        | 3.1         | ENE  | 78  |
|    | 14 | 0.15         | 2.6          | 0.22        | 3.1         | 0.28         | 3.1          | 0.38        | 3.7         | W    | 281 |
|    | 16 | 0.20         | 2.5          | 0.32        | 2.6         | 0.41         | 2.5          | 0.52        | 2.4         | 欠測   | 欠測  |
|    | 18 | 0.29         | 2.7          | 0.45        | 3.0         | 0.56         | 2.9          | 0.83        | 2.6         | NW   | 321 |
|    | 20 | * 0.31       | 2.9          | * 0.49      | 3.2         | * 0.61       | 3.2          | * 0.85      | 3.4         | NE   | 49  |
|    | 22 | 0.25         | 2.9          | 0.39        | 3.2         | 0.49         | 3.2          | 0.72        | 3.1         | 欠測   | 欠測  |
|    | 最大 | 0.31         | 2.9          | 0.49        | 3.2         | 0.61         | 3.2          | 0.85        | 3.4         |      |     |
|    | 平均 | 0.18         | 2.8          | 0.28        | 3.3         | 0.35         | 3.2          | 0.48        | 3.2         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 7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  | 297 回  |
| 欠測回数  | 0 回   | 欠測回数  | 75 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 20.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 25 | 00 | 0.18   | 2.7   | 0.27   | 3.0  | 0.34   | 2.9   | 0.49   | 3.4  | 欠測   | 欠測  |
|    | 02 | 0.12   | 2.6   | 0.18   | 3.0  | 0.23   | 3.0   | 0.31   | 3.5  | N    | 0   |
|    | 04 | 0.11   | 2.7   | 0.17   | 3.1  | 0.21   | 3.1   | 0.32   | 3.2  | 欠測   | 欠測  |
|    | 06 | 0.10   | 2.7   | 0.15   | 3.2  | 0.19   | 3.1   | 0.25   | 2.9  | 欠測   | 欠測  |
|    | 08 | 0.12   | 2.8   | 0.19   | 3.1  | 0.24   | 3.1   | 0.35   | 3.0  | NNW  | 346 |
|    | 10 | 0.13   | 2.9   | 0.19   | 3.3  | 0.25   | 3.2   | 0.35   | 3.6  | 欠測   | 欠測  |
|    | 12 | 0.12   | 3.1   | 0.18   | 3.7  | 0.22   | 3.7   | 0.27   | 3.6  | NNW  | 331 |
|    | 14 | 0.12   | 2.6   | 0.18   | 3.2  | 0.21   | 3.2   | 0.27   | 2.8  | ENE  | 74  |
|    | 16 | 0.20   | 2.4   | 0.31   | 2.6  | 0.40   | 2.5   | 0.59   | 2.2  | NE   | 34  |
|    | 18 | * 0.20 | 2.6   | * 0.31 | 2.7  | * 0.40 | 2.8   | * 0.64 | 2.5  | NW   | 320 |
|    | 20 | 0.18   | 2.6   | 0.28   | 2.8  | 0.35   | 2.8   | 0.45   | 3.1  | WNW  | 302 |
|    | 22 | 0.18   | 2.7   | 0.29   | 3.0  | 0.37   | 3.1   | 0.47   | 3.8  | ENE  | 58  |
|    | 最大 | 0.20   | 2.6   | 0.31   | 2.7  | 0.40   | 2.8   | 0.64   | 2.5  |      |     |
|    | 平均 | 0.15   | 2.7   | 0.23   | 3.1  | 0.28   | 3.0   | 0.40   | 3.1  |      |     |
| 26 | 00 | 0.17   | 2.7   | 0.26   | 2.9  | 0.32   | 2.9   | 0.43   | 3.2  | ENE  | 64  |
|    | 02 | 0.14   | 2.5   | 0.20   | 2.9  | 0.25   | 2.9   | 0.35   | 2.8  | N    | 353 |
|    | 04 | 0.11   | 3.0   | 0.16   | 3.4  | 0.21   | 3.2   | 0.33   | 3.0  | NNE  | 16  |
|    | 06 | 0.10   | 2.8   | 0.15   | 3.5  | 0.19   | 3.4   | 0.27   | 3.2  | 欠測   | 欠測  |
|    | 08 | 0.09   | 2.9   | 0.14   | 3.6  | 0.18   | 3.8   | 0.31   | 3.2  | NNE  | 33  |
|    | 10 | 0.10   | 3.0   | 0.16   | 3.7  | 0.22   | 3.7   | 0.30   | 3.0  | NE   | 49  |
|    | 12 | 0.09   | 2.8   | 0.14   | 3.8  | 0.17   | 4.3   | 0.24   | 3.4  | NNE  | 16  |
|    | 14 | 0.17   | 2.5   | 0.25   | 2.8  | 0.31   | 2.8   | 0.49   | 1.9  | WNW  | 297 |
|    | 16 | 0.27   | 2.7   | 0.43   | 2.9  | 0.55   | 2.9   | 0.75   | 2.9  | N    | 3   |
|    | 18 | 0.35   | 3.0   | * 0.55 | 3.4  | 0.68   | 3.3   | 0.88   | 3.7  | NNE  | 20  |
|    | 20 | * 0.36 | 3.1   | 0.55   | 3.3  | * 0.70 | 3.3   | * 0.93 | 2.9  | NNW  | 348 |
|    | 22 | 0.33   | 3.0   | 0.50   | 3.3  | 0.61   | 3.2   | 0.81   | 3.0  | NNE  | 12  |
|    | 最大 | 0.36   | 3.1   | 0.55   | 3.4  | 0.70   | 3.3   | 0.93   | 2.9  |      |     |
|    | 平均 | 0.19   | 2.8   | 0.29   | 3.3  | 0.37   | 3.3   | 0.51   | 3.0  |      |     |
| 27 | 00 | 0.29   | 3.1   | 0.44   | 3.4  | 0.55   | 3.5   | 0.90   | 3.4  | NNE  | 12  |
|    | 02 | 0.32   | 3.4   | 0.49   | 3.8  | 0.61   | 3.9   | * 0.96 | 3.7  | NNW  | 348 |
|    | 04 | 0.26   | 3.5   | 0.40   | 4.1  | 0.50   | 4.0   | 0.72   | 3.3  | WNW  | 299 |
|    | 06 | 0.24   | 3.3   | 0.37   | 4.0  | 0.47   | 4.0   | 0.63   | 4.3  | NE   | 41  |
|    | 08 | 0.24   | 3.2   | 0.36   | 3.8  | 0.44   | 3.8   | 0.65   | 3.0  | NE   | 53  |
|    | 10 | 0.21   | 3.1   | 0.32   | 3.7  | 0.40   | 3.6   | 0.62   | 3.8  | WNW  | 295 |
|    | 12 | 0.22   | 3.2   | 0.33   | 3.8  | 0.42   | 3.5   | 0.58   | 3.8  | NNW  | 335 |
|    | 14 | 0.28   | 3.5   | 0.43   | 3.9  | 0.55   | 3.9   | 0.74   | 3.7  | NNE  | 20  |
|    | 16 | 0.26   | 3.7   | 0.41   | 4.1  | 0.52   | 4.0   | 0.65   | 3.6  | NNE  | 12  |
|    | 18 | 0.28   | 4.2   | 0.44   | 5.0  | 0.52   | 4.9   | 0.73   | 5.1  | NNE  | 20  |
|    | 20 | 0.31   | 4.3   | 0.48   | 5.1  | 0.62   | 5.2   | 0.81   | 7.3  | NNE  | 16  |
|    | 22 | * 0.33 | 4.4   | * 0.52 | 5.3  | * 0.63 | 5.5   | 0.82   | 7.1  | NNE  | 16  |
|    | 最大 | 0.33   | 4.4   | 0.52   | 5.3  | 0.63   | 5.5   | 0.96   | 3.7  |      |     |
|    | 平均 | 0.27   | 3.6   | 0.42   | 4.2  | 0.52   | 4.2   | 0.73   | 4.3  |      |     |
| 28 | 00 | 0.29   | 4.6   | 0.45   | 5.6  | 0.55   | 5.6   | 0.67   | 5.4  | N    | 0   |
|    | 02 | 0.29   | 4.9   | 0.47   | 5.9  | 0.59   | 5.9   | 0.79   | 5.5  | N    | 8   |
|    | 04 | 0.28   | 5.2   | 0.43   | 6.3  | 0.53   | 6.3   | 0.66   | 5.6  | N    | 8   |
|    | 06 | 0.34   | 5.5   | 0.55   | 6.5  | * 0.70 | 6.6   | 0.91   | 6.2  | NNE  | 16  |
|    | 08 | 0.34   | 5.1   | 0.54   | 6.5  | 0.66   | 6.6   | 0.82   | 6.0  | NNE  | 16  |
|    | 10 | * 0.36 | 5.9   | * 0.56 | 6.6  | 0.70   | 6.5   | * 0.98 | 6.8  | NNE  | 12  |
|    | 12 | 0.30   | 5.5   | 0.48   | 6.4  | 0.59   | 6.7   | 0.78   | 6.5  | N    | 8   |
|    | 14 | 0.23   | 5.1   | 0.36   | 5.9  | 0.46   | 6.1   | 0.74   | 6.2  | N    | 0   |
|    | 16 | 0.22   | 4.5   | 0.35   | 5.8  | 0.45   | 5.8   | 0.63   | 5.5  | N    | 0   |
|    | 18 | 0.25   | 3.4   | 0.39   | 4.6  | 0.50   | 5.3   | 0.57   | 5.8  | N    | 8   |
|    | 20 | 0.16   | 3.4   | 0.26   | 4.6  | 0.33   | 5.1   | 0.45   | 3.8  | N    | 356 |
|    | 22 | 0.16   | 3.5   | 0.26   | 4.4  | 0.33   | 4.6   | 0.53   | 5.1  | WNW  | 295 |
|    | 最大 | 0.36   | 5.9   | 0.56   | 6.6  | 0.70   | 6.6   | 0.98   | 6.8  |      |     |
|    | 平均 | 0.27   | 4.7   | 0.42   | 5.8  | 0.53   | 5.9   | 0.71   | 5.7  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 7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  | 297 回  |
| 欠測回数  | 0 回   | 欠測回数  | 75 回   |
| 欠 測 率 | 0.0 % | 欠 測 率 | 20.2 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日        | 時    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----------|------|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|          |      | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 29       | 00   | 0.15   | 3.9   | 0.24   | 5.1  | 0.32   | 5.3   | 0.45   | 5.0  | NNE  | 12  |
|          | 02   | 0.16   | 4.2   | 0.25   | 5.4  | 0.30   | 5.4   | 0.40   | 5.1  | NE   | 41  |
|          | 04   | 0.23   | 5.4   | 0.35   | 6.6  | 0.45   | 6.9   | 0.77   | 6.5  | N    | 4   |
|          | 06   | 0.37   | 6.3   | 0.57   | 7.3  | 0.69   | 7.3   | 0.86   | 8.1  | N    | 8   |
|          | 08   | * 0.40 | 6.1   | * 0.63 | 7.2  | * 0.78 | 7.0   | * 1.02 | 6.9  | N    | 4   |
|          | 10   | 0.31   | 5.6   | 0.48   | 6.7  | 0.60   | 6.8   | 0.73   | 6.2  | NNE  | 12  |
|          |      |        |       |        |      |        |       |        |      |      |     |
|          | 12   | 0.27   | 5.2   | 0.45   | 6.5  | 0.58   | 6.6   | 0.84   | 7.0  | N    | 4   |
|          | 14   | 0.28   | 3.2   | 0.44   | 4.2  | 0.56   | 4.8   | 0.77   | 6.0  | N    | 8   |
|          | 16   | 0.24   | 3.2   | 0.37   | 4.4  | 0.47   | 5.1   | 0.66   | 6.0  | NNW  | 344 |
|          | 18   | 0.20   | 3.3   | 0.31   | 4.5  | 0.39   | 5.0   | 0.74   | 7.4  | NNE  | 12  |
|          | 20   | 0.16   | 3.2   | 0.25   | 4.6  | 0.32   | 5.5   | 0.48   | 6.3  | N    | 352 |
|          | 22   | 0.12   | 3.7   | 0.20   | 5.6  | 0.27   | 6.9   | 0.43   | 7.6  | N    | 8   |
| 最大<br>平均 | 0.40 | 6.1    | 0.63  | 7.2    | 0.78 | 7.0    | 1.02  | 6.9    |      |      |     |
|          | 0.24 | 4.4    | 0.38  | 5.7    | 0.48 | 6.1    | 0.68  | 6.5    |      |      |     |
| 30       | 00   | 0.10   | 4.0   | 0.17   | 6.2  | 0.21   | 7.0   | 0.30   | 6.9  | N    | 356 |
|          | 02   | 0.08   | 3.9   | 0.12   | 5.7  | 0.15   | 6.1   | 0.18   | 6.8  | E    | 82  |
|          | 04   | 0.08   | 3.2   | 0.12   | 4.8  | 0.14   | 5.0   | 0.19   | 4.8  | N    | 352 |
|          | 06   | 0.08   | 3.2   | 0.11   | 4.6  | 0.14   | 5.2   | 0.20   | 5.8  | NE   | 37  |
|          | 08   | 0.09   | 3.8   | 0.14   | 5.4  | 0.17   | 5.3   | 0.21   | 5.6  | NE   | 53  |
|          | 10   | 0.08   | 3.5   | 0.12   | 5.0  | 0.15   | 5.6   | 0.17   | 5.9  | NNE  | 25  |
|          |      |        |       |        |      |        |       |        |      |      |     |
|          | 12   | 0.08   | 3.0   | 0.12   | 4.1  | 0.14   | 4.9   | 0.18   | 3.7  | NNE  | 29  |
|          | 14   | 0.11   | 2.7   | 0.17   | 3.9  | 0.22   | 4.7   | 0.40   | 4.6  | NNW  | 348 |
|          | 16   | 0.10   | 2.8   | 0.15   | 3.9  | 0.18   | 4.6   | 0.24   | 4.9  | 欠測   | 欠測  |
|          | 18   | 0.21   | 2.4   | 0.33   | 2.6  | 0.42   | 2.5   | * 0.72 | 2.3  | N    | 356 |
|          | 20   | * 0.23 | 2.7   | * 0.36 | 3.0  | * 0.45 | 3.0   | 0.60   | 3.0  | NNW  | 342 |
|          | 22   | 0.21   | 2.8   | 0.33   | 3.1  | 0.42   | 3.0   | 0.60   | 3.0  | ENE  | 67  |
| 最大<br>平均 | 0.23 | 2.7    | 0.36  | 3.0    | 0.45 | 3.0    | 0.72  | 2.3    |      |      |     |
|          | 0.12 | 3.2    | 0.19  | 4.4    | 0.23 | 4.7    | 0.33  | 4.8    |      |      |     |
| 31       | 00   | 0.14   | 2.9   | 0.21   | 3.3  | 0.27   | 3.3   | 0.40   | 2.8  | NE   | 41  |
|          | 02   | 0.13   | 2.9   | 0.19   | 3.5  | 0.24   | 3.4   | 0.36   | 3.5  | 欠測   | 欠測  |
|          | 04   | 0.11   | 2.9   | 0.17   | 3.4  | 0.21   | 3.3   | 0.27   | 3.6  | 欠測   | 欠測  |
|          | 06   | 0.10   | 2.8   | 0.15   | 3.4  | 0.19   | 3.5   | 0.28   | 4.5  | 欠測   | 欠測  |
|          | 08   | 0.08   | 2.8   | 0.12   | 3.6  | 0.15   | 3.7   | 0.19   | 4.2  | ENE  | 61  |
|          | 10   | 0.08   | 2.8   | 0.12   | 3.5  | 0.14   | 3.5   | 0.18   | 3.3  | NE   | 37  |
|          |      |        |       |        |      |        |       |        |      |      |     |
|          | 12   | 0.08   | 2.6   | 0.11   | 3.6  | 0.14   | 3.9   | 0.18   | 2.7  | 欠測   | 欠測  |
|          | 14   | 0.15   | 2.2   | 0.23   | 2.3  | 0.28   | 2.2   | 0.42   | 2.1  | NNE  | 15  |
|          | 16   | 0.22   | 2.5   | 0.34   | 2.6  | 0.43   | 2.6   | 0.64   | 2.8  | WNW  | 295 |
|          | 18   | 0.27   | 2.7   | 0.41   | 3.0  | 0.54   | 3.0   | 0.74   | 2.6  | NNW  | 334 |
|          | 20   | * 0.28 | 2.8   | * 0.43 | 3.1  | * 0.54 | 3.1   | 0.83   | 2.9  | ENE  | 71  |
|          | 22   | 0.27   | 2.9   | 0.42   | 3.3  | 0.53   | 3.3   | * 0.86 | 3.2  | N    | 4   |
| 最大<br>平均 | 0.28 | 2.8    | 0.43  | 3.1    | 0.54 | 3.1    | 0.86  | 3.2    |      |      |     |
|          | 0.16 | 2.7    | 0.24  | 3.2    | 0.30 | 3.2    | 0.45  | 3.2    |      |      |     |
| 月最大      | 0.40 | 6.1    | 0.63  | 7.2    | 0.78 | 7.0    | 1.05  | 3.5    |      |      |     |
| 起時       | 2908 |        | 2908  |        | 2908 |        | 2318  |        |      |      |     |
| 平均       | 0.16 | 3.2    | 0.24  | 3.9    | 0.31 | 4.1    | 0.43  | 4.1    |      |      |     |

波浪整理表（1）

2021年 8月

| 波 高   |       | 波 向   |        |
|-------|-------|-------|--------|
| 規定回数  | 372 回 | 規定回数  | 372 回  |
| 測得回数  | 371 回 | 測得回数  | 320 回  |
| 欠測回数  | 1 回   | 欠測回数  | 52 回   |
| 欠 測 率 | 0.3 % | 欠 測 率 | 14.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 01  | 00 | 0.23         | 2.9          | 0.36        | 3.3         | 0.46         | 3.3          | 0.61        | 3.3         | ENE  | 61  |
|     | 02 | 0.17         | 3.0          | 0.25        | 3.3         | 0.32         | 3.5          | 0.42        | 3.5         | 欠測   | 欠測  |
|     | 04 | 0.13         | 2.8          | 0.20        | 3.2         | 0.25         | 3.2          | 0.33        | 3.0         | NNW  | 340 |
|     | 06 | 0.13         | 2.7          | 0.21        | 3.3         | 0.27         | 3.2          | 0.41        | 3.0         | 欠測   | 欠測  |
|     | 08 | 0.14         | 2.9          | 0.21        | 3.5         | 0.26         | 3.4          | 0.35        | 3.1         | NNW  | 340 |
|     | 10 | 0.13         | 3.1          | 0.19        | 3.7         | 0.24         | 3.8          | 0.32        | 3.8         | 欠測   | 欠測  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.12         | 3.0          | 0.18        | 3.8         | 0.22         | 4.0          | 0.32        | 3.5         | WNW  | 286 |
|     | 14 | 0.16         | 2.5          | 0.25        | 2.8         | 0.31         | 2.9          | 0.47        | 2.7         | NNW  | 327 |
|     | 16 | 0.24         | 2.7          | 0.38        | 3.0         | 0.48         | 2.9          | 0.69        | 2.6         | E    | 90  |
|     | 18 | * 0.32       | 3.1          | * 0.50      | 3.4         | * 0.63       | 3.4          | * 0.87      | 3.4         | NNE  | 16  |
|     | 20 | 0.25         | 3.1          | 0.40        | 3.5         | 0.51         | 3.5          | 0.76        | 3.4         | N    | 4   |
|     | 22 | 0.24         | 3.5          | 0.36        | 4.1         | 0.44         | 4.2          | 0.62        | 4.3         | NNE  | 25  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.32         | 3.1          | 0.50        | 3.4         | 0.63         | 3.4          | 0.87        | 3.4         |      |     |
|     | 平均 | 0.19         | 2.9          | 0.29        | 3.4         | 0.37         | 3.4          | 0.51        | 3.3         |      |     |
| 02  | 00 | 0.21         | 3.9          | 0.32        | 5.2         | 0.39         | 5.1          | 0.54        | 4.6         | NNE  | 33  |
|     | 02 | 0.16         | 3.9          | 0.25        | 5.3         | 0.32         | 5.3          | 0.47        | 4.8         | NNE  | 12  |
|     | 04 | 0.16         | 4.0          | 0.26        | 5.6         | 0.33         | 5.7          | 0.44        | 6.1         | NNE  | 33  |
|     | 06 | 0.21         | 4.7          | 0.34        | 5.9         | 0.43         | 5.8          | 0.58        | 5.6         | NE   | 41  |
|     | 08 | 0.17         | 4.1          | 0.27        | 5.6         | 0.34         | 5.7          | 0.45        | 5.7         | N    | 0   |
|     | 10 | 0.22         | 4.3          | 0.36        | 5.6         | 0.47         | 5.6          | 0.68        | 5.0         | NNE  | 33  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.20         | 3.5          | 0.33        | 5.2         | 0.43         | 5.5          | 0.53        | 6.2         | NNE  | 20  |
|     | 14 | 0.23         | 3.0          | 0.35        | 3.9         | 0.42         | 4.1          | 0.59        | 2.6         | 欠測   | 欠測  |
|     | 16 | 0.29         | 3.0          | 0.44        | 3.4         | 0.54         | 3.4          | 0.79        | 3.0         | 欠測   | 欠測  |
|     | 18 | * 0.35       | 3.2          | * 0.54      | 3.6         | * 0.67       | 3.4          | * 0.93      | 4.0         | 欠測   | 欠測  |
|     | 20 | 0.35         | 3.2          | 0.53        | 3.5         | 0.65         | 3.4          | 0.83        | 4.0         | NNE  | 29  |
|     | 22 | 0.28         | 3.0          | 0.44        | 3.6         | 0.55         | 3.6          | 0.91        | 3.6         | NNE  | 29  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.35         | 3.2          | 0.54        | 3.6         | 0.67         | 3.4          | 0.93        | 4.0         |      |     |
|     | 平均 | 0.24         | 3.7          | 0.37        | 4.7         | 0.46         | 4.7          | 0.65        | 4.6         |      |     |
| 03  | 00 | * 0.21       | 3.5          | 0.32        | 4.2         | 0.39         | 4.3          | 0.55        | 3.7         | N    | 0   |
|     | 02 | 0.20         | 3.9          | * 0.32      | 4.7         | * 0.40       | 4.8          | 0.51        | 5.6         | NE   | 37  |
|     | 04 | 0.15         | 3.9          | 0.23        | 5.2         | 0.29         | 5.6          | 0.42        | 6.4         | N    | 4   |
|     | 06 | 0.16         | 3.9          | 0.23        | 5.4         | 0.28         | 5.8          | 0.34        | 6.1         | N    | 0   |
|     | 08 | 0.16         | 4.1          | 0.24        | 5.7         | 0.29         | 6.1          | 0.39        | 9.0         | N    | 4   |
|     | 10 | 0.16         | 4.2          | 0.24        | 6.1         | 0.32         | 7.4          | 0.50        | 9.3         | N    | 8   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.16         | 3.6          | 0.25        | 5.6         | 0.33         | 6.6          | 0.42        | 6.1         | N    | 356 |
|     | 14 | 0.17         | 3.5          | 0.28        | 5.6         | 0.36         | 6.9          | 0.48        | 8.1         | 欠測   | 欠測  |
|     | 16 | 0.13         | 3.4          | 0.19        | 4.9         | 0.24         | 6.3          | 0.38        | 6.7         | 欠測   | 欠測  |
|     | 18 | 0.11         | 3.6          | 0.18        | 5.3         | 0.22         | 6.1          | 0.29        | 7.8         | 欠測   | 欠測  |
|     | 20 | 0.13         | 4.0          | 0.21        | 6.1         | 0.27         | 7.4          | 0.34        | 8.4         | 欠測   | 欠測  |
|     | 22 | 0.17         | 4.5          | 0.28        | 7.3         | 0.37         | 7.7          | * 0.56      | 7.4         | 欠測   | 欠測  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.21         | 3.5          | 0.32        | 4.7         | 0.40         | 4.8          | 0.56        | 7.4         |      |     |
|     | 平均 | 0.16         | 3.8          | 0.25        | 5.5         | 0.31         | 6.3          | 0.43        | 7.1         |      |     |
| 04  | 00 | 0.15         | 4.9          | 0.25        | 7.2         | 0.31         | 7.6          | 0.43        | 7.7         | 欠測   | 欠測  |
|     | 02 | 0.15         | 4.8          | 0.24        | 6.9         | 0.30         | 6.9          | 0.35        | 7.1         | 欠測   | 欠測  |
|     | 04 | 0.11         | 4.1          | 0.18        | 6.0         | 0.23         | 6.4          | 0.30        | 6.4         | N    | 4   |
|     | 06 | 0.10         | 3.5          | 0.15        | 5.0         | 0.20         | 5.6          | 0.29        | 5.7         | 欠測   | 欠測  |
|     | 08 | 0.10         | 3.9          | 0.16        | 5.6         | 0.21         | 6.7          | 0.25        | 7.8         | NNW  | 344 |
|     | 10 | 0.11         | 4.6          | 0.17        | 6.4         | 0.20         | 6.8          | 0.21        | 6.8         | 欠測   | 欠測  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 欠測           | 欠測           | 欠測          | 欠測          | 欠測           | 欠測           | 欠測          | 欠測          | 欠測   | 欠測  |
|     | 14 | 0.13         | 2.5          | 0.19        | 3.1         | 0.24         | 3.1          | 0.32        | 2.2         | 欠測   | 欠測  |
|     | 16 | 0.14         | 2.8          | 0.21        | 3.9         | 0.27         | 4.6          | 0.35        | 6.7         | N    | 8   |
|     | 18 | 0.22         | 2.7          | 0.32        | 3.1         | 0.41         | 3.2          | 0.62        | 2.9         | N    | 3   |
|     | 20 | 0.25         | 2.7          | * 0.39      | 3.2         | * 0.49       | 3.2          | 0.70        | 3.1         | 欠測   | 欠測  |
|     | 22 | * 0.25       | 2.9          | 0.39        | 3.2         | 0.48         | 3.2          | * 0.71      | 2.3         | W    | 274 |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.25         | 2.9          | 0.39        | 3.2         | 0.49         | 3.2          | 0.71        | 2.3         |      |     |
|     | 平均 | 0.16         | 3.6          | 0.24        | 4.9         | 0.30         | 5.2          | 0.41        | 5.3         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 8月

| 波 高   |       | 波 向   |        |
|-------|-------|-------|--------|
| 規定回数  | 372 回 | 規定回数  | 372 回  |
| 測得回数  | 371 回 | 測得回数  | 320 回  |
| 欠測回数  | 1 回   | 欠測回数  | 52 回   |
| 欠 測 率 | 0.3 % | 欠 測 率 | 14.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|-----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|     |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 05  | 00 | 0.21   | 3.0   | 0.32   | 3.5  | 0.41   | 3.4   | 0.55   | 3.1  | 欠測   | 欠測  |
|     | 02 | 0.16   | 3.2   | 0.24   | 3.6  | 0.31   | 3.5   | 0.45   | 3.6  | 欠測   | 欠測  |
|     | 04 | 0.12   | 3.0   | 0.19   | 3.9  | 0.23   | 4.1   | 0.31   | 2.7  | ENE  | 65  |
|     | 06 | 0.11   | 2.8   | 0.16   | 3.8  | 0.21   | 3.8   | 0.31   | 2.9  | 欠測   | 欠測  |
|     | 08 | 0.11   | 2.8   | 0.16   | 3.6  | 0.21   | 3.9   | 0.28   | 2.7  | NNE  | 29  |
|     | 10 | 0.09   | 3.2   | 0.14   | 4.8  | 0.17   | 5.8   | 0.22   | 6.6  | ENE  | 61  |
|     | 12 | 0.11   | 2.8   | 0.18   | 3.8  | 0.22   | 4.4   | 0.34   | 1.9  | N    | 4   |
|     | 14 | 0.14   | 2.4   | 0.21   | 2.9  | 0.26   | 3.2   | 0.35   | 1.9  | ENE  | 59  |
|     | 16 | 0.21   | 2.7   | 0.32   | 3.0  | 0.41   | 2.8   | 0.63   | 2.8  | NNE  | 15  |
|     | 18 | 0.24   | 2.9   | 0.37   | 3.3  | 0.48   | 3.3   | 0.67   | 3.1  | NNE  | 25  |
|     | 20 | * 0.29 | 2.8   | * 0.44 | 3.1  | * 0.56 | 3.0   | * 0.73 | 2.5  | NNE  | 26  |
|     | 22 | 0.27   | 3.0   | 0.40   | 3.4  | 0.49   | 3.3   | 0.66   | 3.5  | 欠測   | 欠測  |
|     | 最大 | 0.29   | 2.8   | 0.44   | 3.1  | 0.56   | 3.0   | 0.73   | 2.5  |      |     |
|     | 平均 | 0.17   | 2.9   | 0.26   | 3.6  | 0.33   | 3.7   | 0.46   | 3.1  |      |     |
| 06  | 00 | 0.18   | 3.2   | 0.27   | 3.8  | 0.33   | 3.9   | 0.45   | 3.6  | N    | 0   |
|     | 02 | 0.16   | 3.6   | 0.24   | 4.3  | 0.30   | 4.1   | 0.37   | 4.0  | W    | 262 |
|     | 04 | 0.17   | 3.5   | 0.26   | 4.0  | 0.32   | 4.0   | 0.45   | 3.9  | NNE  | 20  |
|     | 06 | 0.16   | 3.4   | 0.25   | 4.1  | 0.32   | 3.9   | 0.44   | 3.4  | N    | 8   |
|     | 08 | 0.14   | 3.4   | 0.22   | 4.0  | 0.28   | 3.9   | 0.35   | 3.5  | E    | 90  |
|     | 10 | 0.13   | 3.2   | 0.20   | 3.9  | 0.25   | 3.9   | 0.32   | 3.5  | 欠測   | 欠測  |
|     | 12 | 0.15   | 2.9   | 0.23   | 3.7  | 0.30   | 3.6   | 0.44   | 3.9  | WNW  | 299 |
|     | 14 | 0.18   | 2.4   | 0.28   | 2.7  | 0.35   | 2.7   | 0.48   | 2.4  | ENE  | 58  |
|     | 16 | * 0.21 | 2.6   | * 0.33 | 2.8  | * 0.43 | 2.7   | 0.57   | 2.7  | ENE  | 61  |
|     | 18 | 0.18   | 2.6   | 0.28   | 2.9  | 0.36   | 2.7   | * 0.58 | 2.9  | W    | 279 |
|     | 20 | 0.16   | 2.8   | 0.24   | 3.2  | 0.31   | 2.9   | 0.42   | 3.1  | WNW  | 282 |
|     | 22 | 0.16   | 2.7   | 0.24   | 3.2  | 0.30   | 3.2   | 0.42   | 2.8  | 欠測   | 欠測  |
|     | 最大 | 0.21   | 2.6   | 0.33   | 2.8  | 0.43   | 2.7   | 0.58   | 2.9  |      |     |
|     | 平均 | 0.16   | 3.0   | 0.25   | 3.6  | 0.32   | 3.5   | 0.44   | 3.3  |      |     |
| 07  | 00 | 0.14   | 2.7   | 0.21   | 3.1  | 0.26   | 3.1   | 0.33   | 3.6  | NW   | 326 |
|     | 02 | 0.14   | 3.2   | 0.22   | 3.7  | 0.27   | 3.6   | 0.41   | 3.6  | NE   | 53  |
|     | 04 | 0.17   | 3.4   | 0.27   | 4.0  | 0.35   | 4.0   | 0.49   | 4.2  | WNW  | 303 |
|     | 06 | 0.19   | 3.6   | 0.28   | 4.0  | 0.35   | 4.0   | 0.53   | 3.9  | NNE  | 29  |
|     | 08 | * 0.20 | 3.7   | * 0.30 | 4.1  | * 0.38 | 3.9   | * 0.56 | 3.9  | N    | 352 |
|     | 10 | 0.19   | 3.7   | 0.28   | 4.0  | 0.33   | 4.1   | 0.43   | 4.0  | NNE  | 12  |
|     | 12 | 0.16   | 3.3   | 0.25   | 3.8  | 0.31   | 3.9   | 0.40   | 4.1  | 欠測   | 欠測  |
|     | 14 | 0.18   | 2.9   | 0.27   | 3.6  | 0.33   | 3.7   | 0.46   | 4.2  | NE   | 37  |
|     | 16 | 0.18   | 2.7   | 0.27   | 3.3  | 0.34   | 3.4   | 0.45   | 3.7  | N    | 356 |
|     | 18 | 0.14   | 3.4   | 0.21   | 4.0  | 0.26   | 3.8   | 0.38   | 4.2  | NNE  | 33  |
|     | 20 | 0.13   | 3.3   | 0.19   | 4.1  | 0.24   | 4.0   | 0.31   | 3.9  | ENE  | 57  |
|     | 22 | 0.10   | 3.1   | 0.16   | 4.0  | 0.20   | 3.9   | 0.28   | 4.0  | ENE  | 61  |
|     | 最大 | 0.20   | 3.7   | 0.30   | 4.1  | 0.38   | 3.9   | 0.56   | 3.9  |      |     |
|     | 平均 | 0.16   | 3.3   | 0.24   | 3.8  | 0.30   | 3.8   | 0.42   | 3.9  |      |     |
| 08  | 00 | 0.12   | 3.0   | 0.19   | 3.7  | 0.23   | 3.7   | 0.29   | 4.6  | 欠測   | 欠測  |
|     | 02 | 0.11   | 3.0   | 0.15   | 3.5  | 0.19   | 3.8   | 0.25   | 3.6  | 欠測   | 欠測  |
|     | 04 | 0.13   | 3.0   | 0.21   | 3.6  | 0.26   | 3.6   | 0.33   | 3.9  | ENE  | 57  |
|     | 06 | 0.17   | 3.3   | 0.26   | 3.7  | 0.32   | 3.7   | 0.43   | 3.8  | NW   | 307 |
|     | 08 | 0.15   | 3.1   | 0.23   | 3.7  | 0.29   | 3.7   | 0.39   | 3.5  | 欠測   | 欠測  |
|     | 10 | 0.22   | 3.2   | 0.35   | 3.8  | 0.45   | 4.0   | 0.73   | 4.2  | NE   | 37  |
|     | 12 | 0.30   | 3.4   | 0.46   | 3.8  | 0.60   | 3.8   | * 1.02 | 3.7  | NNE  | 12  |
|     | 14 | 0.27   | 3.3   | 0.45   | 3.8  | 0.59   | 3.9   | 0.83   | 3.3  | NNE  | 25  |
|     | 16 | * 0.35 | 3.2   | * 0.52 | 3.5  | * 0.63 | 3.6   | 0.84   | 4.0  | NNE  | 16  |
|     | 18 | 0.32   | 3.1   | 0.51   | 3.6  | 0.62   | 3.6   | 0.83   | 4.2  | NNE  | 25  |
|     | 20 | 0.28   | 3.1   | 0.44   | 3.5  | 0.57   | 3.4   | 0.95   | 3.0  | NNE  | 12  |
|     | 22 | 0.29   | 2.9   | 0.47   | 3.2  | 0.61   | 3.2   | 0.86   | 5.0  | 欠測   | 欠測  |
|     | 最大 | 0.35   | 3.2   | 0.52   | 3.5  | 0.63   | 3.6   | 1.02   | 3.7  |      |     |
|     | 平均 | 0.23   | 3.1   | 0.35   | 3.6  | 0.45   | 3.7   | 0.65   | 3.9  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 8月

| 波 高   |       | 波 向   |        |
|-------|-------|-------|--------|
| 規定回数  | 372 回 | 規定回数  | 372 回  |
| 測得回数  | 371 回 | 測得回数  | 320 回  |
| 欠測回数  | 1 回   | 欠測回数  | 52 回   |
| 欠 測 率 | 0.3 % | 欠 測 率 | 14.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 09  | 00 | 0.22         | 3.1          | 0.34        | 3.4         | 0.43         | 3.5          | 0.52        | 3.6         | 欠測   | 欠測  |
|     | 02 | 0.16         | 3.1          | 0.24        | 3.7         | 0.30         | 3.7          | 0.41        | 4.0         | N    | 4   |
|     | 04 | 0.15         | 3.1          | 0.22        | 3.8         | 0.28         | 3.7          | 0.41        | 3.0         | NE   | 53  |
|     | 06 | 0.20         | 2.7          | 0.31        | 3.0         | 0.40         | 2.9          | 0.53        | 2.8         | WNW  | 296 |
|     | 08 | 0.23         | 3.2          | 0.35        | 3.6         | 0.44         | 3.6          | 0.61        | 3.5         | 欠測   | 欠測  |
|     | 10 | 0.37         | 4.1          | 0.57        | 4.7         | 0.72         | 4.7          | 0.94        | 5.0         | N    | 8   |
|     | 12 | 0.53         | 3.9          | 0.82        | 4.5         | 1.01         | 4.7          | 1.29        | 4.9         | NNE  | 12  |
|     | 14 | * 0.53       | 4.2          | * 0.84      | 5.5         | * 1.08       | 5.4          | * 1.63      | 6.2         | NNE  | 20  |
|     | 16 | 0.44         | 4.1          | 0.70        | 5.7         | 0.88         | 6.3          | 1.38        | 7.9         | NNE  | 20  |
|     | 18 | 0.34         | 4.5          | 0.56        | 6.5         | 0.71         | 6.9          | 0.88        | 7.3         | NNE  | 25  |
|     | 20 | 0.30         | 4.4          | 0.50        | 6.5         | 0.64         | 6.7          | 0.93        | 7.6         | NNE  | 16  |
|     | 22 | 0.23         | 4.2          | 0.38        | 6.5         | 0.49         | 7.0          | 0.68        | 7.6         | NE   | 45  |
|     | 最大 | 0.53         | 4.2          | 0.84        | 5.5         | 1.08         | 5.4          | 1.63        | 6.2         |      |     |
|     | 平均 | 0.31         | 3.7          | 0.49        | 4.8         | 0.61         | 4.9          | 0.85        | 5.3         |      |     |
| 10  | 00 | 0.32         | 2.6          | 0.48        | 2.8         | 0.61         | 2.7          | 0.83        | 2.6         | NNW  | 333 |
|     | 02 | 0.27         | 3.1          | 0.40        | 3.8         | 0.50         | 4.0          | 0.70        | 6.1         | NNE  | 12  |
|     | 04 | 0.27         | 3.0          | 0.40        | 3.5         | 0.50         | 4.1          | 0.84        | 2.2         | N    | 0   |
|     | 06 | 0.34         | 3.1          | 0.52        | 3.7         | 0.64         | 3.8          | 0.84        | 3.0         | NNE  | 20  |
|     | 08 | 0.36         | 4.1          | 0.54        | 5.7         | 0.65         | 6.7          | 0.81        | 9.9         | NNE  | 16  |
|     | 10 | 0.44         | 4.8          | 0.71        | 7.7         | 0.91         | 8.6          | 1.15        | 8.9         | N    | 8   |
|     | 12 | 0.49         | 4.6          | 0.77        | 6.7         | 0.94         | 7.9          | 1.12        | 10.1        | NNE  | 20  |
|     | 14 | * 0.55       | 5.0          | * 0.87      | 7.4         | 1.10         | 8.7          | * 1.69      | 7.0         | N    | 8   |
|     | 16 | 0.54         | 4.9          | 0.85        | 7.1         | * 1.15       | 8.9          | 1.43        | 9.0         | N    | 0   |
|     | 18 | 0.42         | 4.7          | 0.68        | 6.9         | 0.87         | 7.9          | 1.19        | 9.8         | N    | 356 |
|     | 20 | 0.50         | 7.0          | 0.82        | 10.1        | 1.02         | 10.1         | 1.34        | 8.9         | N    | 4   |
|     | 22 | 0.47         | 7.2          | 0.78        | 9.4         | 0.98         | 9.6          | 1.26        | 8.5         | N    | 0   |
|     | 最大 | 0.55         | 5.0          | 0.87        | 7.4         | 1.15         | 8.9          | 1.69        | 7.0         |      |     |
|     | 平均 | 0.41         | 4.5          | 0.65        | 6.2         | 0.82         | 6.9          | 1.10        | 7.2         |      |     |
| 11  | 00 | 0.81         | 8.7          | 1.28        | 9.7         | 1.66         | 9.6          | 1.99        | 10.4        | N    | 8   |
|     | 02 | 0.77         | 8.1          | 1.20        | 9.6         | 1.43         | 9.6          | 1.82        | 8.0         | N    | 8   |
|     | 04 | 1.04         | 8.4          | 1.67        | 9.4         | 2.05         | 9.4          | 2.38        | 8.9         | N    | 0   |
|     | 06 | 1.09         | 8.2          | 1.72        | 9.0         | 2.18         | 8.9          | 3.15        | 9.1         | N    | 8   |
|     | 08 | * 1.17       | 8.3          | * 1.84      | 9.2         | * 2.29       | 9.5          | * 3.15      | 9.8         | NNE  | 12  |
|     | 10 | 0.89         | 7.1          | 1.42        | 8.7         | 1.79         | 9.2          | 2.25        | 8.8         | N    | 4   |
|     | 12 | 0.63         | 6.7          | 1.03        | 8.8         | 1.27         | 9.0          | 1.67        | 8.5         | NNE  | 12  |
|     | 14 | 0.40         | 5.3          | 0.67        | 8.6         | 0.86         | 9.7          | 1.25        | 10.8        | NNW  | 340 |
|     | 16 | 0.40         | 5.2          | 0.67        | 8.4         | 0.86         | 10.0         | 1.08        | 9.9         | NNW  | 335 |
|     | 18 | 0.47         | 4.7          | 0.76        | 7.1         | 0.99         | 8.9          | 1.32        | 12.1        | NNW  | 340 |
|     | 20 | 0.49         | 4.5          | 0.77        | 6.8         | 0.96         | 8.6          | 1.30        | 10.4        | NNW  | 344 |
|     | 22 | 0.46         | 4.9          | 0.73        | 7.4         | 0.90         | 8.2          | 1.33        | 6.8         | NNW  | 344 |
|     | 最大 | 1.17         | 8.3          | 1.84        | 9.2         | 2.29         | 9.5          | 3.15        | 9.8         |      |     |
|     | 平均 | 0.72         | 6.7          | 1.15        | 8.6         | 1.44         | 9.2          | 1.89        | 9.5         |      |     |
| 12  | 00 | 0.46         | 5.7          | 0.76        | 8.6         | 0.95         | 9.4          | 1.17        | 8.1         | NNW  | 348 |
|     | 02 | 0.53         | 6.7          | 0.85        | 9.1         | 1.06         | 9.1          | 1.22        | 9.3         | N    | 4   |
|     | 04 | 0.55         | 7.2          | 0.81        | 8.7         | 0.97         | 8.5          | 1.27        | 7.9         | N    | 0   |
|     | 06 | * 0.56       | 7.0          | * 0.93      | 8.9         | * 1.16       | 9.1          | * 1.45      | 8.0         | N    | 4   |
|     | 08 | 0.38         | 5.3          | 0.60        | 6.6         | 0.72         | 6.5          | 0.85        | 7.7         | NNW  | 344 |
|     | 10 | 0.27         | 4.2          | 0.40        | 5.2         | 0.50         | 5.4          | 0.72        | 5.4         | NNE  | 12  |
|     | 12 | 0.20         | 4.0          | 0.31        | 5.6         | 0.37         | 6.0          | 0.47        | 8.5         | NNE  | 33  |
|     | 14 | 0.24         | 4.5          | 0.38        | 6.4         | 0.47         | 6.6          | 0.53        | 7.7         | N    | 0   |
|     | 16 | 0.32         | 6.1          | 0.52        | 8.5         | 0.65         | 8.6          | 0.84        | 7.9         | N    | 4   |
|     | 18 | 0.43         | 6.2          | 0.72        | 8.4         | 0.88         | 8.3          | 1.13        | 8.5         | N    | 8   |
|     | 20 | 0.30         | 5.6          | 0.46        | 7.4         | 0.54         | 7.6          | 0.65        | 7.3         | NNW  | 348 |
|     | 22 | 0.24         | 5.0          | 0.37        | 6.5         | 0.45         | 6.4          | 0.60        | 6.0         | N    | 8   |
|     | 最大 | 0.56         | 7.0          | 0.93        | 8.9         | 1.16         | 9.1          | 1.45        | 8.0         |      |     |
|     | 平均 | 0.37         | 5.6          | 0.59        | 7.5         | 0.73         | 7.6          | 0.91        | 7.7         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 8月

| 波 高   |       | 波 向   |        |
|-------|-------|-------|--------|
| 規定回数  | 372 回 | 規定回数  | 372 回  |
| 測得回数  | 371 回 | 測得回数  | 320 回  |
| 欠測回数  | 1 回   | 欠測回数  | 52 回   |
| 欠 測 率 | 0.3 % | 欠 測 率 | 14.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 13 | 00 | 0.22   | 4.8   | 0.35   | 6.1  | 0.44   | 6.1   | 0.71   | 6.2  | N    | 4   |
|    | 02 | 0.21   | 4.7   | 0.33   | 5.5  | 0.40   | 5.6   | 0.51   | 5.8  | NNE  | 33  |
|    | 04 | 0.14   | 4.0   | 0.22   | 5.1  | 0.28   | 5.1   | 0.36   | 4.8  | N    | 356 |
|    | 06 | 0.13   | 3.8   | 0.19   | 4.7  | 0.24   | 4.9   | 0.33   | 5.5  | 欠測   | 欠測  |
|    | 08 | 0.20   | 2.6   | 0.30   | 2.9  | 0.38   | 2.7   | 0.52   | 2.2  | NNE  | 20  |
|    | 10 | 0.18   | 2.7   | 0.28   | 3.2  | 0.34   | 3.4   | 0.46   | 3.9  | 欠測   | 欠測  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 12 | 0.15   | 3.2   | 0.23   | 4.3  | 0.28   | 4.3   | 0.39   | 2.6  | NE   | 37  |
|    | 14 | 0.12   | 4.4   | 0.19   | 6.1  | 0.24   | 6.2   | 0.32   | 6.9  | N    | 4   |
|    | 16 | 0.14   | 3.3   | 0.22   | 4.8  | 0.29   | 5.4   | 0.44   | 3.9  | NE   | 37  |
|    | 18 | * 0.41 | 3.1   | * 0.63 | 3.5  | * 0.80 | 3.4   | * 1.14 | 3.1  | NNE  | 12  |
|    | 20 | 0.36   | 3.2   | 0.54   | 3.6  | 0.67   | 3.7   | 0.79   | 3.4  | NE   | 49  |
|    | 22 | 0.27   | 3.4   | 0.42   | 4.4  | 0.53   | 4.3   | 0.82   | 4.3  | NNE  | 33  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 最大 | 0.41   | 3.1   | 0.63   | 3.5  | 0.80   | 3.4   | 1.14   | 3.1  |      |     |
|    | 平均 | 0.21   | 3.6   | 0.33   | 4.5  | 0.41   | 4.6   | 0.57   | 4.4  |      |     |
| 14 | 00 | 0.23   | 4.1   | 0.35   | 5.1  | 0.43   | 5.3   | 0.65   | 5.6  | NNE  | 25  |
|    | 02 | 0.21   | 4.3   | 0.33   | 5.2  | 0.40   | 5.4   | 0.50   | 4.5  | NNE  | 25  |
|    | 04 | 0.21   | 4.4   | 0.34   | 5.5  | 0.42   | 5.6   | 0.69   | 5.4  | N    | 8   |
|    | 06 | 0.19   | 4.1   | 0.29   | 5.2  | 0.36   | 5.6   | 0.51   | 5.4  | NE   | 45  |
|    | 08 | 0.20   | 4.3   | 0.30   | 5.5  | 0.37   | 5.5   | 0.49   | 6.1  | NNE  | 25  |
|    | 10 | 0.21   | 3.4   | 0.32   | 4.5  | 0.40   | 5.2   | 0.61   | 5.9  | NNE  | 16  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 12 | 0.24   | 3.6   | 0.37   | 4.4  | 0.46   | 4.6   | 0.61   | 5.3  | NNE  | 20  |
|    | 14 | 0.25   | 3.7   | 0.39   | 4.6  | 0.49   | 4.8   | 0.69   | 4.1  | NNE  | 16  |
|    | 16 | 0.27   | 3.9   | 0.41   | 4.4  | 0.51   | 4.3   | 0.67   | 6.4  | NNE  | 20  |
|    | 18 | 0.51   | 3.5   | * 0.80 | 4.2  | * 1.02 | 4.2   | * 1.45 | 3.8  | NNE  | 29  |
|    | 20 | * 0.51 | 3.9   | 0.78   | 4.4  | 0.97   | 4.2   | 1.26   | 4.0  | NNE  | 33  |
|    | 22 | 0.31   | 3.8   | 0.47   | 4.5  | 0.57   | 4.7   | 0.72   | 4.0  | NNE  | 20  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 最大 | 0.51   | 3.9   | 0.80   | 4.2  | 1.02   | 4.2   | 1.45   | 3.8  |      |     |
|    | 平均 | 0.28   | 3.9   | 0.43   | 4.8  | 0.53   | 5.0   | 0.74   | 5.0  |      |     |
| 15 | 00 | 0.30   | 4.1   | 0.48   | 5.2  | 0.62   | 5.5   | 0.92   | 4.4  | NNE  | 16  |
|    | 02 | 0.30   | 4.1   | 0.48   | 5.4  | 0.59   | 5.8   | 0.80   | 4.7  | NNE  | 29  |
|    | 04 | 0.41   | 4.0   | 0.62   | 4.8  | 0.77   | 4.7   | 1.09   | 4.7  | NNE  | 25  |
|    | 06 | * 0.46 | 4.4   | * 0.71 | 5.2  | * 0.88 | 5.2   | * 1.13 | 6.6  | NNE  | 12  |
|    | 08 | 0.40   | 4.6   | 0.62   | 5.7  | 0.78   | 5.9   | 0.95   | 5.2  | N    | 8   |
|    | 10 | 0.34   | 4.6   | 0.51   | 5.4  | 0.63   | 5.3   | 0.81   | 5.1  | NE   | 37  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 12 | 0.32   | 4.4   | 0.49   | 5.1  | 0.60   | 5.3   | 0.98   | 5.2  | NNE  | 20  |
|    | 14 | 0.28   | 4.2   | 0.41   | 4.9  | 0.51   | 4.8   | 0.74   | 6.1  | N    | 8   |
|    | 16 | 0.25   | 3.8   | 0.39   | 5.1  | 0.49   | 5.2   | 0.70   | 6.0  | NNE  | 16  |
|    | 18 | 0.29   | 3.9   | 0.45   | 5.1  | 0.56   | 5.3   | 0.73   | 5.1  | NNE  | 29  |
|    | 20 | 0.35   | 4.0   | 0.54   | 5.4  | 0.69   | 6.3   | 0.92   | 7.2  | NNE  | 20  |
|    | 22 | 0.30   | 3.9   | 0.47   | 5.3  | 0.60   | 6.0   | 0.85   | 6.7  | NNE  | 25  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 最大 | 0.46   | 4.4   | 0.71   | 5.2  | 0.88   | 5.2   | 1.13   | 6.6  |      |     |
|    | 平均 | 0.33   | 4.2   | 0.51   | 5.2  | 0.64   | 5.4   | 0.89   | 5.6  |      |     |
| 16 | 00 | * 0.34 | 4.6   | * 0.54 | 6.0  | * 0.71 | 6.1   | * 1.32 | 5.9  | NNE  | 25  |
|    | 02 | 0.32   | 4.4   | 0.51   | 5.9  | 0.64   | 5.9   | 0.81   | 6.1  | NNE  | 25  |
|    | 04 | 0.29   | 4.6   | 0.45   | 5.6  | 0.54   | 5.7   | 0.74   | 5.7  | NNE  | 20  |
|    | 06 | 0.27   | 4.4   | 0.42   | 5.6  | 0.52   | 5.6   | 0.75   | 5.6  | NNE  | 16  |
|    | 08 | 0.24   | 4.0   | 0.38   | 5.0  | 0.47   | 5.1   | 0.60   | 5.2  | NNE  | 29  |
|    | 10 | 0.23   | 4.6   | 0.35   | 5.6  | 0.44   | 5.5   | 0.67   | 5.6  | N    | 4   |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 12 | 0.22   | 4.1   | 0.35   | 5.2  | 0.44   | 5.3   | 0.58   | 6.0  | NNE  | 20  |
|    | 14 | 0.21   | 4.1   | 0.33   | 5.5  | 0.41   | 5.7   | 0.61   | 5.5  | N    | 8   |
|    | 16 | 0.23   | 3.8   | 0.36   | 5.1  | 0.44   | 5.8   | 0.64   | 6.2  | NE   | 37  |
|    | 18 | 0.23   | 3.3   | 0.35   | 4.2  | 0.43   | 4.7   | 0.53   | 5.1  | NNE  | 20  |
|    | 20 | 0.27   | 3.2   | 0.41   | 3.7  | 0.49   | 3.6   | 0.65   | 5.5  | NNW  | 344 |
|    | 22 | 0.29   | 3.4   | 0.43   | 4.0  | 0.53   | 3.9   | 0.72   | 4.1  | 欠測   | 欠測  |
|    |    |        |       |        |      |        |       |        |      |      |     |
|    | 最大 | 0.34   | 4.6   | 0.54   | 6.0  | 0.71   | 6.1   | 1.32   | 5.9  |      |     |
|    | 平均 | 0.26   | 4.0   | 0.41   | 5.1  | 0.51   | 5.2   | 0.72   | 5.5  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 8月

| 波 高   |       | 波 向   |        |
|-------|-------|-------|--------|
| 規定回数  | 372 回 | 規定回数  | 372 回  |
| 測得回数  | 371 回 | 測得回数  | 320 回  |
| 欠測回数  | 1 回   | 欠測回数  | 52 回   |
| 欠 測 率 | 0.3 % | 欠 測 率 | 14.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 17 | 00 | 0.25         | 3.4          | 0.38        | 4.2         | 0.47         | 4.0          | 0.58        | 4.3         | NNE  | 16  |
|    | 02 | 0.22         | 3.5          | 0.34        | 4.3         | 0.42         | 4.6          | 0.71        | 4.4         | NE   | 37  |
|    | 04 | 0.20         | 3.5          | 0.30        | 4.5         | 0.37         | 4.5          | 0.53        | 4.2         | NNE  | 20  |
|    | 06 | 0.19         | 3.6          | 0.28        | 4.5         | 0.34         | 4.5          | 0.46        | 3.6         | NE   | 49  |
|    | 08 | 0.18         | 3.2          | 0.27        | 3.9         | 0.34         | 3.9          | 0.50        | 4.8         | NNE  | 16  |
|    | 10 | 0.24         | 2.9          | 0.36        | 3.4         | 0.45         | 3.6          | 0.65        | 2.8         | NNE  | 33  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.30         | 3.0          | 0.46        | 3.4         | 0.58         | 3.4          | 0.97        | 3.2         | 欠測   | 欠測  |
|    | 14 | 0.26         | 3.4          | 0.40        | 4.0         | 0.50         | 3.9          | 0.79        | 3.7         | N    | 8   |
|    | 16 | 0.28         | 3.3          | 0.42        | 3.7         | 0.54         | 3.8          | 0.80        | 4.0         | NW   | 315 |
|    | 18 | 0.31         | 3.3          | 0.49        | 3.7         | 0.62         | 3.5          | 0.83        | 3.0         | NE   | 37  |
|    | 20 | * 0.37       | 3.4          | * 0.56      | 3.8         | * 0.69       | 3.8          | * 1.01      | 3.8         | NNE  | 33  |
|    | 22 | 0.32         | 3.5          | 0.50        | 4.2         | 0.64         | 4.4          | 0.89        | 3.8         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.37         | 3.4          | 0.56        | 3.8         | 0.69         | 3.8          | 1.01        | 3.8         |      |     |
|    | 平均 | 0.26         | 3.3          | 0.40        | 4.0         | 0.50         | 4.0          | 0.73        | 3.8         |      |     |
| 18 | 00 | 0.27         | 3.9          | 0.42        | 4.6         | 0.53         | 4.7          | 0.71        | 4.8         | NNE  | 16  |
|    | 02 | 0.28         | 4.0          | 0.44        | 4.7         | 0.55         | 4.8          | 0.77        | 4.7         | N    | 8   |
|    | 04 | 0.24         | 4.0          | 0.38        | 4.7         | 0.47         | 4.7          | 0.60        | 4.3         | NNE  | 33  |
|    | 06 | 0.25         | 3.9          | 0.40        | 4.6         | 0.51         | 4.7          | 0.70        | 5.0         | NE   | 49  |
|    | 08 | 0.20         | 3.7          | 0.31        | 4.4         | 0.39         | 4.4          | 0.54        | 4.4         | NE   | 45  |
|    | 10 | 0.14         | 3.3          | 0.22        | 4.1         | 0.27         | 4.3          | 0.36        | 3.6         | NNE  | 33  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.11         | 2.6          | 0.16        | 3.3         | 0.19         | 3.6          | 0.33        | 4.3         | ENE  | 65  |
|    | 14 | 0.08         | 3.3          | 0.12        | 4.3         | 0.15         | 5.0          | 0.21        | 4.7         | ENE  | 70  |
|    | 16 | 0.09         | 3.0          | 0.13        | 4.5         | 0.15         | 5.2          | 0.20        | 6.2         | NE   | 37  |
|    | 18 | 0.19         | 3.1          | 0.27        | 3.7         | 0.33         | 3.7          | 0.47        | 5.8         | N    | 352 |
|    | 20 | * 0.35       | 3.3          | * 0.55      | 3.7         | * 0.69       | 3.8          | * 1.02      | 3.8         | NE   | 53  |
|    | 22 | 0.32         | 3.2          | 0.50        | 3.6         | 0.62         | 3.6          | 0.91        | 3.3         | E    | 90  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.35         | 3.3          | 0.55        | 3.7         | 0.69         | 3.8          | 1.02        | 3.8         |      |     |
|    | 平均 | 0.21         | 3.4          | 0.33        | 4.2         | 0.40         | 4.4          | 0.57        | 4.6         |      |     |
| 19 | 00 | 0.31         | 3.3          | 0.46        | 3.6         | 0.57         | 3.6          | 0.81        | 3.4         | NNE  | 12  |
|    | 02 | 0.25         | 3.3          | 0.39        | 3.7         | 0.49         | 3.8          | 0.70        | 3.2         | NNE  | 12  |
|    | 04 | 0.21         | 3.4          | 0.32        | 3.8         | 0.40         | 3.6          | 0.57        | 3.4         | 欠測   | 欠測  |
|    | 06 | 0.25         | 3.3          | 0.38        | 3.9         | 0.48         | 4.0          | 0.61        | 4.4         | 欠測   | 欠測  |
|    | 08 | 0.31         | 3.7          | 0.47        | 4.2         | 0.57         | 4.4          | 0.69        | 3.9         | NNE  | 16  |
|    | 10 | * 0.34       | 4.5          | 0.51        | 5.5         | 0.63         | 6.2          | 0.88        | 4.7         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.30         | 4.1          | 0.47        | 5.1         | 0.60         | 5.5          | 0.88        | 5.2         | NNE  | 12  |
|    | 14 | 0.30         | 4.4          | 0.48        | 5.6         | 0.58         | 5.9          | 0.72        | 6.7         | NNE  | 12  |
|    | 16 | 0.29         | 4.5          | 0.49        | 6.7         | 0.65         | 6.9          | 0.87        | 6.1         | NNE  | 16  |
|    | 18 | 0.31         | 5.7          | 0.48        | 7.2         | 0.61         | 7.4          | 0.81        | 7.3         | NNE  | 12  |
|    | 20 | 0.32         | 5.1          | * 0.52      | 6.8         | * 0.66       | 7.4          | * 0.97      | 6.7         | NNE  | 33  |
|    | 22 | 0.30         | 5.1          | 0.47        | 6.4         | 0.56         | 6.4          | 0.64        | 7.2         | NNE  | 20  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.34         | 4.5          | 0.52        | 6.8         | 0.66         | 7.4          | 0.97        | 6.7         |      |     |
|    | 平均 | 0.29         | 4.2          | 0.45        | 5.2         | 0.57         | 5.4          | 0.76        | 5.2         |      |     |
| 20 | 00 | * 0.28       | 4.8          | * 0.48      | 6.6         | * 0.59       | 7.1          | * 0.76      | 6.8         | NNE  | 20  |
|    | 02 | 0.22         | 4.9          | 0.36        | 6.5         | 0.45         | 6.7          | 0.61        | 6.8         | NNE  | 20  |
|    | 04 | 0.19         | 4.6          | 0.30        | 5.9         | 0.39         | 6.2          | 0.46        | 7.1         | NNE  | 25  |
|    | 06 | 0.18         | 4.3          | 0.28        | 5.5         | 0.36         | 5.6          | 0.50        | 5.4         | N    | 8   |
|    | 08 | 0.15         | 3.8          | 0.23        | 4.9         | 0.28         | 5.0          | 0.38        | 5.3         | NNE  | 29  |
|    | 10 | 0.15         | 3.7          | 0.24        | 4.7         | 0.31         | 4.9          | 0.41        | 4.1         | N    | 8   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.16         | 3.6          | 0.25        | 4.3         | 0.31         | 4.7          | 0.46        | 4.9         | NNW  | 340 |
|    | 14 | 0.16         | 3.2          | 0.25        | 4.0         | 0.31         | 4.1          | 0.48        | 4.5         | NNE  | 20  |
|    | 16 | 0.23         | 2.7          | 0.35        | 2.9         | 0.43         | 2.8          | 0.64        | 3.1         | WNW  | 293 |
|    | 18 | 0.27         | 3.1          | 0.41        | 3.2         | 0.53         | 3.1          | 0.68        | 3.1         | ENE  | 61  |
|    | 20 | 0.21         | 2.7          | 0.32        | 3.0         | 0.42         | 3.0          | 0.56        | 3.2         | ENE  | 69  |
|    | 22 | 0.18         | 2.6          | 0.28        | 2.9         | 0.35         | 2.8          | 0.42        | 2.9         | NE   | 52  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.28         | 4.8          | 0.48        | 6.6         | 0.59         | 7.1          | 0.76        | 6.8         |      |     |
|    | 平均 | 0.20         | 3.7          | 0.31        | 4.5         | 0.39         | 4.7          | 0.53        | 4.8         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 8月

| 波 高   |       | 波 向   |        |
|-------|-------|-------|--------|
| 規定回数  | 372 回 | 規定回数  | 372 回  |
| 測得回数  | 371 回 | 測得回数  | 320 回  |
| 欠測回数  | 1 回   | 欠測回数  | 52 回   |
| 欠 測 率 | 0.3 % | 欠 測 率 | 14.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 21  | 00 | * 0.15       | 2.7          | * 0.22      | 3.2         | * 0.27       | 3.0          | 0.36        | 3.0         | NNE  | 33  |
|     | 02 | 0.11         | 2.8          | 0.17        | 3.5         | 0.21         | 3.5          | 0.27        | 4.0         | NE   | 49  |
|     | 04 | 0.10         | 2.9          | 0.15        | 3.7         | 0.18         | 4.1          | 0.24        | 4.4         | NNW  | 340 |
|     | 06 | 0.11         | 2.9          | 0.16        | 3.6         | 0.21         | 3.9          | 0.28        | 4.6         | NNW  | 327 |
|     | 08 | 0.12         | 2.9          | 0.19        | 3.5         | 0.23         | 3.7          | 0.31        | 3.5         | W    | 262 |
|     | 10 | 0.12         | 2.8          | 0.18        | 3.4         | 0.23         | 3.3          | 0.35        | 3.6         | 欠測   | 欠測  |
|     | 12 | 0.12         | 2.5          | 0.19        | 3.0         | 0.24         | 3.0          | 0.34        | 2.7         | N    | 359 |
|     | 14 | 0.14         | 2.4          | 0.21        | 2.7         | 0.27         | 2.7          | * 0.44      | 2.3         | NNE  | 16  |
|     | 16 | 0.14         | 2.5          | 0.22        | 2.7         | 0.27         | 2.7          | 0.41        | 2.3         | NE   | 43  |
|     | 18 | 0.12         | 2.6          | 0.18        | 2.9         | 0.22         | 2.8          | 0.31        | 2.3         | NW   | 315 |
|     | 20 | 0.10         | 2.6          | 0.15        | 3.2         | 0.19         | 3.2          | 0.25        | 2.9         | 欠測   | 欠測  |
|     | 22 | 0.13         | 2.4          | 0.19        | 2.8         | 0.25         | 3.1          | 0.37        | 1.8         | NE   | 37  |
|     | 最大 | 0.15         | 2.7          | 0.22        | 3.2         | 0.27         | 3.0          | 0.44        | 2.3         |      |     |
|     | 平均 | 0.12         | 2.7          | 0.18        | 3.2         | 0.23         | 3.3          | 0.33        | 3.1         |      |     |
| 22  | 00 | 0.11         | 2.3          | 0.16        | 2.7         | 0.21         | 2.7          | 0.34        | 1.6         | W    | 276 |
|     | 02 | 0.08         | 2.8          | 0.11        | 4.0         | 0.13         | 4.4          | 0.20        | 7.2         | NNW  | 344 |
|     | 04 | 0.08         | 2.3          | 0.12        | 2.8         | 0.15         | 3.3          | 0.26        | 4.7         | N    | 0   |
|     | 06 | 0.10         | 2.5          | 0.14        | 3.1         | 0.17         | 3.3          | 0.25        | 2.2         | NNW  | 328 |
|     | 08 | 0.11         | 2.2          | 0.16        | 2.6         | 0.20         | 2.3          | 0.30        | 1.7         | E    | 81  |
|     | 10 | 0.09         | 2.3          | 0.14        | 2.9         | 0.18         | 3.2          | 0.32        | 3.2         | N    | 10  |
|     | 12 | 0.06         | 2.8          | 0.09        | 3.6         | 0.11         | 4.0          | 0.16        | 6.8         | W    | 270 |
|     | 14 | 0.08         | 2.6          | 0.12        | 3.4         | 0.15         | 3.4          | 0.21        | 2.9         | E    | 82  |
|     | 16 | 0.09         | 2.9          | 0.13        | 4.0         | 0.15         | 4.0          | 0.22        | 3.6         | WNW  | 290 |
|     | 18 | 0.07         | 2.8          | 0.11        | 3.9         | 0.14         | 4.6          | 0.18        | 4.0         | ENE  | 78  |
|     | 20 | 0.09         | 2.9          | 0.14        | 3.9         | 0.17         | 3.9          | 0.29        | 4.6         | ENE  | 61  |
|     | 22 | * 0.13       | 2.5          | * 0.20      | 3.1         | * 0.25       | 2.9          | * 0.34      | 3.0         | NE   | 51  |
|     | 最大 | 0.13         | 2.5          | 0.20        | 3.1         | 0.25         | 2.9          | 0.34        | 3.0         |      |     |
|     | 平均 | 0.09         | 2.6          | 0.13        | 3.3         | 0.17         | 3.5          | 0.26        | 3.8         |      |     |
| 23  | 00 | 0.09         | 2.6          | 0.13        | 3.5         | 0.16         | 3.7          | 0.20        | 3.5         | E    | 82  |
|     | 02 | 0.10         | 2.3          | 0.15        | 2.7         | 0.18         | 2.7          | 0.27        | 2.1         | NNW  | 334 |
|     | 04 | 0.08         | 2.7          | 0.11        | 3.2         | 0.13         | 3.6          | 0.20        | 2.6         | 欠測   | 欠測  |
|     | 06 | 0.07         | 2.7          | 0.11        | 3.6         | 0.13         | 4.2          | 0.15        | 9.5         | 欠測   | 欠測  |
|     | 08 | 0.07         | 2.9          | 0.10        | 3.7         | 0.12         | 4.9          | 0.19        | 3.2         | ENE  | 61  |
|     | 10 | 0.07         | 2.6          | 0.11        | 3.6         | 0.14         | 4.0          | 0.18        | 6.9         | 欠測   | 欠測  |
|     | 12 | 0.09         | 2.5          | 0.13        | 3.5         | 0.15         | 4.5          | 0.21        | 3.9         | NNW  | 327 |
|     | 14 | 0.18         | 2.4          | 0.28        | 2.5         | 0.34         | 2.4          | 0.47        | 2.4         | NNE  | 27  |
|     | 16 | 0.21         | 2.4          | 0.32        | 2.5         | 0.41         | 2.3          | 0.58        | 2.2         | NE   | 44  |
|     | 18 | * 0.25       | 2.5          | * 0.39      | 2.6         | * 0.48       | 2.6          | * 0.78      | 2.3         | N    | 359 |
|     | 20 | 0.18         | 2.7          | 0.27        | 3.0         | 0.34         | 2.7          | 0.55        | 2.5         | W    | 271 |
|     | 22 | 0.14         | 2.6          | 0.22        | 3.0         | 0.27         | 2.7          | 0.39        | 5.3         | ENE  | 354 |
|     | 最大 | 0.25         | 2.5          | 0.39        | 2.6         | 0.48         | 2.6          | 0.78        | 2.3         |      |     |
|     | 平均 | 0.13         | 2.6          | 0.19        | 3.1         | 0.24         | 3.4          | 0.35        | 3.9         |      |     |
| 24  | 00 | 0.12         | 2.6          | 0.18        | 3.3         | 0.22         | 3.7          | 0.30        | 2.6         | N    | 8   |
|     | 02 | 0.09         | 4.6          | 0.15        | 6.7         | 0.19         | 7.3          | 0.27        | 7.8         | N    | 8   |
|     | 04 | 0.08         | 4.5          | 0.12        | 6.7         | 0.15         | 6.9          | 0.20        | 6.8         | E    | 90  |
|     | 06 | 0.08         | 3.4          | 0.12        | 4.6         | 0.15         | 5.6          | 0.20        | 6.9         | NNW  | 344 |
|     | 08 | 0.07         | 3.7          | 0.11        | 5.2         | 0.14         | 6.7          | 0.19        | 3.4         | N    | 0   |
|     | 10 | 0.09         | 3.4          | 0.14        | 4.7         | 0.18         | 5.1          | 0.23        | 4.1         | NNE  | 16  |
|     | 12 | 0.09         | 3.4          | 0.14        | 5.1         | 0.18         | 6.1          | 0.23        | 7.9         | N    | 8   |
|     | 14 | 0.09         | 3.6          | 0.14        | 5.4         | 0.17         | 6.2          | 0.21        | 6.3         | NNW  | 331 |
|     | 16 | * 0.17       | 2.3          | * 0.26      | 2.5         | * 0.34       | 2.3          | * 0.49      | 2.2         | N    | 354 |
|     | 18 | 0.12         | 2.7          | 0.18        | 3.3         | 0.22         | 3.7          | 0.28        | 2.6         | NNE  | 25  |
|     | 20 | 0.10         | 2.6          | 0.15        | 3.5         | 0.18         | 4.1          | 0.28        | 5.3         | 欠測   | 欠測  |
|     | 22 | 0.10         | 2.8          | 0.15        | 3.7         | 0.19         | 3.8          | 0.24        | 4.9         | N    | 352 |
|     | 最大 | 0.17         | 2.3          | 0.26        | 2.5         | 0.34         | 2.3          | 0.49        | 2.2         |      |     |
|     | 平均 | 0.10         | 3.3          | 0.15        | 4.6         | 0.19         | 5.1          | 0.26        | 5.1         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 8月

| 波 高   |       | 波 向   |        |
|-------|-------|-------|--------|
| 規定回数  | 372 回 | 規定回数  | 372 回  |
| 測得回数  | 371 回 | 測得回数  | 320 回  |
| 欠測回数  | 1 回   | 欠測回数  | 52 回   |
| 欠 測 率 | 0.3 % | 欠 測 率 | 14.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 25  | 00 | * 0.16       | 2.5          | * 0.24      | 3.1         | * 0.30       | 3.4          | 0.40        | 2.7         | N    | 358 |
|     | 02 | 0.11         | 3.4          | 0.17        | 4.6         | 0.21         | 4.6          | 0.29        | 5.1         | NE   | 45  |
|     | 04 | 0.09         | 3.1          | 0.14        | 4.3         | 0.18         | 4.5          | 0.23        | 5.1         | 欠測   | 欠測  |
|     | 06 | 0.09         | 2.5          | 0.14        | 3.3         | 0.17         | 3.5          | 0.26        | 1.7         | NW   | 319 |
|     | 08 | 0.10         | 2.5          | 0.14        | 3.3         | 0.18         | 3.9          | 0.24        | 1.5         | NNW  | 348 |
|     | 10 | 0.08         | 2.6          | 0.12        | 3.5         | 0.15         | 4.1          | 0.22        | 3.6         | NE   | 45  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.08         | 2.7          | 0.11        | 4.0         | 0.13         | 4.9          | 0.17        | 3.4         | NNW  | 348 |
|     | 14 | 0.10         | 2.3          | 0.14        | 2.8         | 0.17         | 2.7          | 0.23        | 2.0         | NW   | 304 |
|     | 16 | 0.16         | 2.3          | 0.24        | 2.3         | 0.30         | 2.2          | * 0.43      | 2.4         | NNW  | 332 |
|     | 18 | 0.10         | 2.8          | 0.16        | 3.4         | 0.20         | 3.4          | 0.31        | 2.9         | NNW  | 327 |
|     | 20 | 0.09         | 2.7          | 0.13        | 3.6         | 0.15         | 4.2          | 0.24        | 3.1         | N    | 0   |
|     | 22 | 0.09         | 3.2          | 0.13        | 4.5         | 0.17         | 5.8          | 0.22        | 10.6        | NW   | 311 |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.16         | 2.5          | 0.24        | 3.1         | 0.30         | 3.4          | 0.43        | 2.4         |      |     |
|     | 平均 | 0.10         | 2.7          | 0.16        | 3.6         | 0.19         | 3.9          | 0.27        | 3.7         |      |     |
| 26  | 00 | 0.08         | 3.7          | 0.11        | 5.7         | 0.15         | 7.2          | 0.22        | 6.1         | N    | 4   |
|     | 02 | 0.08         | 4.5          | 0.13        | 7.1         | 0.16         | 8.0          | 0.23        | 10.8        | NNE  | 25  |
|     | 04 | 0.09         | 3.7          | 0.13        | 5.9         | 0.17         | 7.7          | 0.20        | 8.0         | E    | 82  |
|     | 06 | 0.09         | 3.4          | 0.14        | 5.2         | 0.18         | 6.4          | 0.28        | 6.6         | N    | 352 |
|     | 08 | 0.09         | 3.6          | 0.14        | 5.8         | 0.18         | 7.0          | 0.23        | 6.2         | E    | 82  |
|     | 10 | 0.09         | 3.4          | 0.15        | 4.8         | 0.19         | 6.1          | 0.26        | 4.9         | NE   | 49  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.11         | 3.9          | 0.17        | 6.0         | 0.20         | 7.0          | 0.24        | 8.3         | ENE  | 74  |
|     | 14 | 0.16         | 2.5          | 0.24        | 2.8         | 0.30         | 3.1          | 0.46        | 1.8         | NE   | 34  |
|     | 16 | * 0.22       | 2.4          | * 0.35      | 2.5         | * 0.44       | 2.5          | * 0.72      | 2.0         | N    | 357 |
|     | 18 | 0.21         | 2.5          | 0.31        | 2.6         | 0.38         | 2.5          | 0.51        | 2.0         | NNE  | 31  |
|     | 20 | 0.12         | 2.7          | 0.19        | 3.4         | 0.23         | 3.8          | 0.32        | 2.8         | 欠測   | 欠測  |
|     | 22 | 0.10         | 2.9          | 0.15        | 4.2         | 0.19         | 5.1          | 0.30        | 4.7         | NE   | 37  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.22         | 2.4          | 0.35        | 2.5         | 0.44         | 2.5          | 0.72        | 2.0         |      |     |
|     | 平均 | 0.12         | 3.3          | 0.18        | 4.7         | 0.23         | 5.5          | 0.33        | 5.4         |      |     |
| 27  | 00 | 0.09         | 3.3          | 0.13        | 5.3         | 0.17         | 6.2          | 0.21        | 7.5         | NNE  | 33  |
|     | 02 | 0.09         | 3.3          | 0.13        | 5.2         | 0.17         | 6.7          | 0.27        | 6.1         | NW   | 319 |
|     | 04 | 0.09         | 3.7          | 0.14        | 6.0         | 0.18         | 7.0          | 0.25        | 6.7         | NNE  | 25  |
|     | 06 | 0.08         | 3.7          | 0.13        | 5.7         | 0.17         | 7.0          | 0.23        | 6.9         | N    | 8   |
|     | 08 | 0.11         | 3.5          | 0.17        | 5.2         | 0.21         | 6.0          | 0.28        | 6.4         | NE   | 41  |
|     | 10 | 0.12         | 2.9          | 0.18        | 4.1         | 0.22         | 4.7          | 0.33        | 4.1         | 欠測   | 欠測  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.11         | 3.5          | 0.16        | 5.3         | 0.20         | 5.8          | 0.31        | 6.9         | NNE  | 20  |
|     | 14 | 0.14         | 2.8          | 0.21        | 3.6         | 0.26         | 3.5          | 0.31        | 2.4         | NNE  | 33  |
|     | 16 | * 0.20       | 2.7          | * 0.30      | 3.0         | * 0.38       | 2.9          | * 0.50      | 2.8         | NW   | 319 |
|     | 18 | 0.19         | 2.8          | 0.28        | 3.3         | 0.35         | 3.5          | 0.45        | 2.2         | NNE  | 25  |
|     | 20 | 0.13         | 3.0          | 0.20        | 4.0         | 0.24         | 4.9          | 0.33        | 5.7         | NNW  | 344 |
|     | 22 | 0.10         | 3.6          | 0.15        | 5.5         | 0.19         | 6.0          | 0.24        | 5.7         | 欠測   | 欠測  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.20         | 2.7          | 0.30        | 3.0         | 0.38         | 2.9          | 0.50        | 2.8         |      |     |
|     | 平均 | 0.12         | 3.2          | 0.18        | 4.7         | 0.23         | 5.3          | 0.31        | 5.3         |      |     |
| 28  | 00 | 0.10         | 3.4          | 0.15        | 5.1         | 0.18         | 5.9          | 0.22        | 6.5         | N    | 8   |
|     | 02 | 0.09         | 3.4          | 0.13        | 5.2         | 0.16         | 5.9          | 0.19        | 5.9         | ENE  | 70  |
|     | 04 | 0.08         | 3.3          | 0.12        | 4.9         | 0.15         | 5.5          | 0.21        | 7.6         | 欠測   | 欠測  |
|     | 06 | 0.08         | 2.5          | 0.13        | 3.3         | 0.16         | 3.8          | 0.20        | 5.9         | NNE  | 12  |
|     | 08 | 0.07         | 2.7          | 0.10        | 3.8         | 0.13         | 4.3          | 0.18        | 2.6         | NNE  | 29  |
|     | 10 | 0.14         | 2.2          | 0.21        | 2.4         | 0.28         | 2.3          | 0.43        | 1.6         | N    | 5   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | * 0.26       | 2.4          | * 0.42      | 2.5         | * 0.55       | 2.4          | * 0.82      | 2.6         | W    | 280 |
|     | 14 | 0.13         | 2.4          | 0.20        | 2.6         | 0.24         | 2.6          | 0.34        | 2.3         | E    | 85  |
|     | 16 | 0.12         | 2.4          | 0.18        | 2.6         | 0.23         | 2.6          | 0.32        | 2.5         | N    | 10  |
|     | 18 | 0.16         | 2.3          | 0.26        | 2.4         | 0.33         | 2.4          | 0.54        | 2.0         | N    | 0   |
|     | 20 | 0.10         | 2.4          | 0.14        | 2.7         | 0.17         | 2.6          | 0.26        | 2.3         | WNW  | 291 |
|     | 22 | 0.13         | 2.6          | 0.18        | 3.0         | 0.22         | 3.0          | 0.32        | 2.5         | E    | 87  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.26         | 2.4          | 0.42        | 2.5         | 0.55         | 2.4          | 0.82        | 2.6         |      |     |
|     | 平均 | 0.12         | 2.7          | 0.19        | 3.4         | 0.23         | 3.6          | 0.34        | 3.7         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

| 波 高   |       | 波 向   |        |
|-------|-------|-------|--------|
| 規定回数  | 372 回 | 規定回数  | 372 回  |
| 測得回数  | 371 回 | 測得回数  | 320 回  |
| 欠測回数  | 1 回   | 欠測回数  | 52 回   |
| 欠 測 率 | 0.3 % | 欠 測 率 | 14.0 % |

緯度：N 36° -46' -40 經度：E 137° -12' -18

| 日 時 |      | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向<br>16方位 | 向<br>角度 |
|-----|------|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|-------------|---------|
| 29  | 00   | * 0.13       | 2.7          | * 0.18      | 3.3         | * 0.22       | 3.2          | * 0.31      | 2.7         | ENE         | 74      |
|     | 02   | 0.11         | 2.5          | 0.16        | 3.1         | 0.19         | 3.2          | 0.24        | 2.6         | N           | 349     |
|     | 04   | 0.08         | 2.8          | 0.12        | 3.6         | 0.15         | 4.0          | 0.21        | 5.0         | NNW         | 331     |
|     | 06   | 0.07         | 2.8          | 0.11        | 4.0         | 0.14         | 4.5          | 0.27        | 4.6         | NNE         | 29      |
|     | 08   | 0.07         | 2.7          | 0.11        | 3.5         | 0.14         | 4.0          | 0.19        | 4.9         | NNE         | 33      |
|     | 10   | 0.08         | 3.0          | 0.13        | 4.1         | 0.16         | 4.9          | 0.23        | 4.9         | NE          | 53      |
|     | 12   | 0.09         | 3.1          | 0.13        | 4.3         | 0.16         | 4.9          | 0.19        | 7.3         | 欠測          | 欠測      |
|     | 14   | 0.10         | 3.3          | 0.15        | 4.6         | 0.18         | 5.4          | 0.24        | 5.0         | N           | 8       |
|     | 16   | 0.10         | 2.9          | 0.15        | 4.1         | 0.18         | 4.9          | 0.23        | 4.8         | NNW         | 348     |
|     | 18   | 0.09         | 3.0          | 0.14        | 4.2         | 0.18         | 4.9          | 0.26        | 4.4         | NE          | 49      |
|     | 20   | 0.10         | 3.0          | 0.15        | 3.7         | 0.19         | 3.7          | 0.24        | 2.6         | N           | 4       |
|     | 22   | 0.09         | 3.2          | 0.13        | 4.7         | 0.16         | 5.3          | 0.22        | 4.3         | NNE         | 29      |
|     | 最大   | 0.13         | 2.7          | 0.18        | 3.3         | 0.22         | 3.2          | 0.31        | 2.7         |             |         |
|     | 平均   | 0.09         | 2.9          | 0.14        | 3.9         | 0.17         | 4.4          | 0.24        | 4.4         |             |         |
| 30  | 00   | 0.07         | 3.1          | 0.11        | 4.4         | 0.14         | 5.1          | 0.16        | 5.9         | NNE         | 20      |
|     | 02   | 0.07         | 2.9          | 0.10        | 4.0         | 0.13         | 5.3          | 0.22        | 5.9         | ENE         | 70      |
|     | 04   | 0.07         | 2.8          | 0.10        | 4.1         | 0.12         | 5.2          | 0.18        | 7.4         | ENE         | 74      |
|     | 06   | 0.07         | 2.6          | 0.10        | 3.6         | 0.13         | 4.1          | 0.17        | 1.9         | NE          | 37      |
|     | 08   | 0.08         | 2.6          | 0.12        | 3.2         | 0.14         | 3.4          | 0.19        | 2.4         | W           | 278     |
|     | 10   | 0.11         | 2.4          | 0.15        | 2.9         | 0.19         | 3.2          | 0.24        | 2.3         | NW          | 322     |
|     | 12   | 0.10         | 2.5          | 0.14        | 3.3         | 0.18         | 3.7          | 0.25        | 3.2         | NE          | 37      |
|     | 14   | 0.09         | 2.4          | 0.14        | 3.0         | 0.18         | 3.4          | 0.31        | 1.7         | NW          | 318     |
|     | 16   | * 0.22       | 2.7          | * 0.34      | 2.8         | * 0.43       | 2.8          | * 0.72      | 2.7         | W           | 271     |
|     | 18   | 0.13         | 2.6          | 0.19        | 2.9         | 0.24         | 2.9          | 0.40        | 2.8         | NW          | 311     |
|     | 20   | 0.09         | 2.6          | 0.14        | 3.2         | 0.17         | 3.1          | 0.23        | 2.3         | WNW         | 282     |
|     | 22   | 0.09         | 2.7          | 0.13        | 3.4         | 0.17         | 3.8          | 0.24        | 3.1         | 欠測          | 欠測      |
|     | 最大   | 0.22         | 2.7          | 0.34        | 2.8         | 0.43         | 2.8          | 0.72        | 2.7         |             |         |
|     | 平均   | 0.10         | 2.7          | 0.15        | 3.4         | 0.18         | 3.8          | 0.28        | 3.5         |             |         |
| 31  | 00   | 0.08         | 2.7          | 0.11        | 3.7         | 0.14         | 4.2          | 0.18        | 5.9         | NNE         | 29      |
|     | 02   | 0.07         | 2.8          | 0.11        | 4.0         | 0.14         | 4.5          | 0.22        | 2.8         | ENE         | 74      |
|     | 04   | 0.07         | 3.1          | 0.11        | 4.2         | 0.13         | 5.0          | 0.19        | 4.5         | W           | 274     |
|     | 06   | 0.08         | 3.4          | 0.11        | 4.5         | 0.15         | 4.7          | 0.22        | 3.9         | WNW         | 282     |
|     | 08   | 0.06         | 3.2          | 0.09        | 4.2         | 0.12         | 4.5          | 0.18        | 3.9         | NNE         | 25      |
|     | 10   | 0.07         | 3.2          | 0.11        | 4.4         | 0.13         | 5.1          | 0.20        | 6.1         | 欠測          | 欠測      |
|     | 12   | 0.07         | 2.9          | 0.11        | 3.8         | 0.14         | 4.7          | 0.17        | 7.2         | 欠測          | 欠測      |
|     | 14   | 0.10         | 2.3          | 0.14        | 2.9         | 0.18         | 2.9          | 0.28        | 3.2         | NE          | 49      |
|     | 16   | * 0.19       | 2.3          | * 0.29      | 2.5         | * 0.38       | 2.4          | * 0.47      | 2.0         | NNW         | 346     |
|     | 18   | 0.17         | 2.5          | 0.25        | 2.7         | 0.32         | 2.6          | 0.41        | 2.6         | N           | 351     |
|     | 20   | 0.14         | 2.4          | 0.20        | 2.7         | 0.26         | 2.5          | 0.37        | 2.2         | N           | 2       |
|     | 22   | 0.13         | 2.5          | 0.19        | 2.8         | 0.24         | 2.7          | 0.34        | 2.3         | NE          | 42      |
|     | 最大   | 0.19         | 2.3          | 0.29        | 2.5         | 0.38         | 2.4          | 0.47        | 2.0         |             |         |
|     | 平均   | 0.10         | 2.8          | 0.15        | 3.5         | 0.19         | 3.8          | 0.27        | 3.9         |             |         |
| 月最大 | 1.17 | 8.3          | 1.84         | 9.2         | 2.29        | 9.5          | 3.15         | 9.8         |             |             |         |
| 起時  | 1108 |              | 1108         |             | 1108        |              | 1108         |             |             |             |         |
| 平均  | 0.21 | 3.5          | 0.33         | 4.5         | 0.41        | 4.8          | 0.56         | 4.8         |             |             |         |

波浪整理表（1）

2021年 9月

| 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  | 337 回 |
| 欠測回数  | 0 回   | 欠測回数  | 23 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 6.4 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 01 | 00 | 0.13         | 2.7          | 0.20        | 3.1         | 0.25         | 3.0          | 0.35        | 5.5         | E    | 79  |
|    | 02 | 0.13         | 2.7          | 0.20        | 3.1         | 0.25         | 3.2          | 0.37        | 2.5         | NNW  | 330 |
|    | 04 | 0.12         | 2.7          | 0.18        | 3.3         | 0.23         | 3.4          | 0.31        | 5.6         | NNE  | 16  |
|    | 06 | 0.12         | 2.7          | 0.18        | 3.4         | 0.22         | 3.5          | 0.39        | 2.8         | N    | 0   |
|    | 08 | 0.50         | 3.3          | 0.80        | 3.7         | 0.98         | 3.6          | 1.28        | 3.7         | N    | 4   |
|    | 10 | * 0.79       | 3.9          | * 1.23      | 4.3         | * 1.47       | 4.3          | * 2.12      | 4.4         | NE   | 37  |
|    | 12 | 0.41         | 3.7          | 0.62        | 4.2         | 0.75         | 4.1          | 1.00        | 4.3         | NE   | 45  |
|    | 14 | 0.22         | 3.3          | 0.34        | 3.9         | 0.42         | 4.1          | 0.62        | 5.0         | NNE  | 33  |
|    | 16 | 0.17         | 3.4          | 0.27        | 4.4         | 0.34         | 4.7          | 0.50        | 6.0         | NE   | 37  |
|    | 18 | 0.15         | 3.3          | 0.23        | 4.3         | 0.28         | 4.4          | 0.35        | 3.9         | NNE  | 12  |
|    | 20 | 0.22         | 2.8          | 0.33        | 3.3         | 0.42         | 3.1          | 0.74        | 2.9         | 欠測   | 欠測  |
|    | 22 | 0.20         | 3.3          | 0.31        | 3.9         | 0.39         | 4.0          | 0.56        | 4.3         | N    | 4   |
|    | 最大 | 0.79         | 3.9          | 1.23        | 4.3         | 1.47         | 4.3          | 2.12        | 4.4         |      |     |
|    | 平均 | 0.26         | 3.1          | 0.41        | 3.7         | 0.50         | 3.8          | 0.72        | 4.2         |      |     |
| 02 | 00 | 0.23         | 3.7          | 0.36        | 4.2         | 0.44         | 4.2          | 0.61        | 5.2         | ENE  | 70  |
|    | 02 | 0.23         | 3.7          | 0.35        | 4.3         | 0.43         | 4.4          | 0.65        | 3.7         | NNE  | 16  |
|    | 04 | 0.25         | 4.0          | 0.39        | 5.0         | 0.48         | 5.0          | 0.68        | 5.1         | N    | 352 |
|    | 06 | * 0.61       | 3.9          | 0.94        | 4.5         | 1.18         | 4.5          | 1.70        | 4.9         | NNE  | 25  |
|    | 08 | 0.52         | 3.6          | 0.81        | 4.4         | 1.03         | 4.4          | 1.42        | 3.7         | NE   | 37  |
|    | 10 | 0.54         | 3.7          | 0.82        | 4.4         | 1.02         | 4.4          | 1.23        | 4.4         | NNE  | 12  |
|    | 12 | 0.50         | 3.6          | 0.78        | 4.2         | 0.97         | 4.4          | 1.35        | 4.8         | NNE  | 29  |
|    | 14 | 0.50         | 3.7          | 0.78        | 4.2         | 0.98         | 4.1          | 1.37        | 4.2         | NNE  | 25  |
|    | 16 | 0.60         | 3.9          | * 0.95      | 4.3         | * 1.22       | 4.4          | * 1.81      | 4.0         | NNE  | 20  |
|    | 18 | 0.46         | 3.6          | 0.70        | 4.0         | 0.86         | 4.0          | 1.13        | 4.0         | NNE  | 29  |
|    | 20 | 0.42         | 3.7          | 0.67        | 4.4         | 0.84         | 4.3          | 1.16        | 3.8         | NNE  | 16  |
|    | 22 | 0.43         | 4.1          | 0.69        | 4.9         | 0.85         | 5.1          | 1.21        | 5.2         | NNE  | 16  |
|    | 最大 | 0.61         | 3.9          | 0.95        | 4.3         | 1.22         | 4.4          | 1.81        | 4.0         |      |     |
|    | 平均 | 0.44         | 3.8          | 0.69        | 4.4         | 0.86         | 4.4          | 1.19        | 4.4         |      |     |
| 03 | 00 | * 0.41       | 4.3          | * 0.63      | 5.0         | * 0.77       | 4.9          | * 1.15      | 4.2         | NNE  | 16  |
|    | 02 | 0.37         | 4.1          | 0.57        | 5.0         | 0.72         | 5.0          | 0.95        | 5.1         | NNE  | 20  |
|    | 04 | 0.33         | 4.0          | 0.52        | 4.8         | 0.64         | 5.0          | 0.85        | 4.6         | NNE  | 20  |
|    | 06 | 0.33         | 3.8          | 0.51        | 4.5         | 0.64         | 4.3          | 1.03        | 4.2         | NE   | 49  |
|    | 08 | 0.32         | 4.0          | 0.49        | 4.6         | 0.60         | 4.6          | 0.75        | 4.2         | NNE  | 25  |
|    | 10 | 0.30         | 4.0          | 0.46        | 4.6         | 0.57         | 4.5          | 0.71        | 4.2         | NNE  | 12  |
|    | 12 | 0.27         | 4.0          | 0.42        | 4.7         | 0.52         | 4.6          | 0.80        | 4.9         | NNE  | 33  |
|    | 14 | 0.26         | 3.7          | 0.40        | 4.5         | 0.49         | 4.3          | 0.60        | 4.2         | NNE  | 25  |
|    | 16 | 0.25         | 4.1          | 0.37        | 4.8         | 0.45         | 4.8          | 0.53        | 5.0         | NNE  | 12  |
|    | 18 | 0.22         | 4.0          | 0.33        | 4.7         | 0.40         | 4.9          | 0.56        | 5.2         | NNE  | 33  |
|    | 20 | 0.18         | 3.7          | 0.29        | 4.8         | 0.36         | 4.7          | 0.64        | 4.6         | NNE  | 20  |
|    | 22 | 0.17         | 3.6          | 0.27        | 4.8         | 0.33         | 5.2          | 0.46        | 4.3         | NNE  | 25  |
|    | 最大 | 0.41         | 4.3          | 0.63        | 5.0         | 0.77         | 4.9          | 1.15        | 4.2         |      |     |
|    | 平均 | 0.28         | 3.9          | 0.44        | 4.7         | 0.54         | 4.7          | 0.75        | 4.6         |      |     |
| 04 | 00 | 0.15         | 4.2          | 0.22        | 4.9         | 0.27         | 4.9          | 0.38        | 4.0         | NE   | 41  |
|    | 02 | 0.15         | 4.0          | 0.24        | 4.8         | 0.28         | 4.6          | 0.38        | 4.7         | ENE  | 74  |
|    | 04 | 0.15         | 4.1          | 0.24        | 4.8         | 0.30         | 4.6          | 0.40        | 3.9         | ENE  | 78  |
|    | 06 | 0.13         | 3.5          | 0.20        | 4.5         | 0.26         | 4.6          | 0.35        | 4.6         | NE   | 45  |
|    | 08 | 0.12         | 3.9          | 0.18        | 4.8         | 0.22         | 4.8          | 0.27        | 4.6         | ENE  | 57  |
|    | 10 | 0.10         | 3.3          | 0.15        | 4.2         | 0.19         | 4.4          | 0.23        | 4.4         | ENE  | 57  |
|    | 12 | 0.16         | 2.5          | 0.24        | 2.7         | 0.30         | 2.7          | 0.47        | 2.7         | NW   | 308 |
|    | 14 | * 0.25       | 2.7          | * 0.38      | 2.8         | * 0.47       | 2.8          | * 0.71      | 2.6         | ENE  | 69  |
|    | 16 | 0.18         | 2.6          | 0.28        | 2.9         | 0.34         | 3.0          | 0.47        | 2.5         | W    | 278 |
|    | 18 | 0.12         | 2.9          | 0.19        | 3.9         | 0.23         | 4.5          | 0.32        | 5.5         | NNE  | 29  |
|    | 20 | 0.11         | 3.5          | 0.17        | 4.8         | 0.21         | 5.1          | 0.27        | 5.0         | NE   | 41  |
|    | 22 | 0.09         | 3.6          | 0.14        | 4.8         | 0.17         | 5.1          | 0.21        | 5.9         | NNW  | 348 |
|    | 最大 | 0.25         | 2.7          | 0.38        | 2.8         | 0.47         | 2.8          | 0.71        | 2.6         |      |     |
|    | 平均 | 0.14         | 3.4          | 0.22        | 4.2         | 0.27         | 4.3          | 0.37        | 4.2         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 9月

| 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  | 337 回 |
| 欠測回数  | 0 回   | 欠測回数  | 23 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 6.4 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 05  | 00 | 0.08         | 4.0          | 0.13        | 5.4         | 0.16         | 5.5          | 0.21        | 4.5         | N    | 356 |
|     | 02 | 0.10         | 4.2          | 0.15        | 5.6         | 0.17         | 6.0          | 0.27        | 5.2         | NE   | 53  |
|     | 04 | 0.13         | 4.5          | 0.20        | 5.9         | 0.25         | 6.1          | 0.31        | 6.1         | N    | 8   |
|     | 06 | 0.16         | 3.7          | 0.25        | 5.0         | 0.33         | 5.4          | * 0.49      | 5.2         | N    | 0   |
|     | 08 | 0.14         | 3.8          | 0.23        | 5.5         | 0.29         | 5.6          | 0.37        | 5.8         | NNE  | 20  |
|     | 10 | 0.14         | 4.2          | 0.21        | 5.6         | 0.27         | 5.7          | 0.34        | 5.5         | NNE  | 16  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.14         | 4.1          | 0.22        | 5.6         | 0.27         | 5.5          | 0.37        | 5.8         | NE   | 53  |
|     | 14 | 0.15         | 4.2          | 0.23        | 5.6         | 0.28         | 5.5          | 0.33        | 5.6         | NNE  | 29  |
|     | 16 | * 0.18       | 2.9          | * 0.27      | 4.1         | 0.34         | 4.5          | 0.46        | 4.3         | N    | 4   |
|     | 18 | 0.17         | 3.4          | 0.26        | 4.8         | * 0.34       | 5.3          | 0.47        | 5.5         | N    | 352 |
|     | 20 | 0.16         | 3.9          | 0.25        | 5.6         | 0.32         | 5.9          | 0.43        | 5.2         | NNE  | 12  |
|     | 22 | 0.14         | 4.2          | 0.22        | 5.6         | 0.27         | 5.7          | 0.37        | 5.7         | W    | 274 |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.18         | 2.9          | 0.27        | 4.1         | 0.34         | 5.3          | 0.49        | 5.2         |      |     |
|     | 平均 | 0.14         | 3.9          | 0.22        | 5.4         | 0.27         | 5.6          | 0.37        | 5.4         |      |     |
| 06  | 00 | 0.15         | 4.3          | 0.24        | 5.8         | 0.30         | 5.9          | 0.36        | 6.1         | NE   | 37  |
|     | 02 | 0.15         | 4.5          | 0.25        | 6.0         | 0.31         | 6.0          | 0.54        | 5.3         | NNE  | 16  |
|     | 04 | 0.15         | 4.2          | 0.25        | 5.7         | 0.31         | 6.0          | 0.41        | 6.5         | NNE  | 25  |
|     | 06 | 0.16         | 4.4          | 0.27        | 6.0         | 0.34         | 6.1          | 0.43        | 6.7         | N    | 356 |
|     | 08 | 0.19         | 4.9          | 0.30        | 6.1         | 0.37         | 5.8          | 0.43        | 6.0         | NE   | 53  |
|     | 10 | 0.19         | 4.6          | 0.30        | 5.8         | 0.38         | 5.8          | 0.47        | 5.4         | NNE  | 20  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.26         | 3.1          | 0.40        | 4.0         | 0.51         | 4.0          | 0.74        | 4.0         | N    | 352 |
|     | 14 | 0.31         | 3.3          | 0.48        | 4.0         | 0.60         | 4.1          | 0.81        | 5.2         | N    | 8   |
|     | 16 | 0.42         | 3.7          | 0.63        | 4.6         | 0.80         | 4.7          | * 1.12      | 3.5         | NNE  | 29  |
|     | 18 | 0.35         | 3.6          | 0.54        | 4.6         | 0.66         | 4.6          | 0.83        | 5.4         | NNE  | 25  |
|     | 20 | 0.43         | 3.6          | * 0.67      | 4.4         | * 0.82       | 4.6          | 1.03        | 4.7         | NNE  | 33  |
|     | 22 | * 0.44       | 4.0          | 0.66        | 4.9         | 0.81         | 5.1          | 1.06        | 5.9         | NNE  | 20  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.44         | 4.0          | 0.67        | 4.4         | 0.82         | 4.6          | 1.12        | 3.5         |      |     |
|     | 平均 | 0.27         | 4.0          | 0.42        | 5.2         | 0.52         | 5.2          | 0.69        | 5.4         |      |     |
| 07  | 00 | * 0.43       | 4.7          | * 0.69      | 5.6         | * 0.83       | 5.7          | 1.07        | 5.8         | NNE  | 16  |
|     | 02 | 0.38         | 4.8          | 0.59        | 5.6         | 0.73         | 5.8          | 0.96        | 5.1         | NNE  | 20  |
|     | 04 | 0.40         | 4.9          | 0.64        | 5.6         | 0.81         | 5.7          | 0.96        | 5.3         | NNE  | 33  |
|     | 06 | 0.38         | 4.6          | 0.59        | 5.5         | 0.77         | 5.4          | * 1.09      | 5.1         | NNE  | 16  |
|     | 08 | 0.38         | 4.6          | 0.60        | 5.3         | 0.73         | 5.4          | 0.95        | 5.4         | NNE  | 20  |
|     | 10 | 0.36         | 4.7          | 0.56        | 5.3         | 0.71         | 5.2          | 0.95        | 4.9         | NNE  | 25  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.31         | 4.4          | 0.48        | 5.0         | 0.61         | 5.1          | 0.87        | 5.1         | NNE  | 33  |
|     | 14 | 0.27         | 4.1          | 0.41        | 5.1         | 0.52         | 5.0          | 0.61        | 5.2         | NNE  | 33  |
|     | 16 | 0.24         | 4.0          | 0.39        | 5.0         | 0.51         | 5.0          | 0.68        | 4.6         | NNE  | 12  |
|     | 18 | 0.21         | 3.7          | 0.34        | 5.0         | 0.44         | 5.0          | 0.68        | 5.0         | NNE  | 29  |
|     | 20 | 0.18         | 4.2          | 0.28        | 5.6         | 0.35         | 5.6          | 0.46        | 7.6         | NNE  | 20  |
|     | 22 | 0.16         | 4.1          | 0.26        | 5.4         | 0.32         | 5.5          | 0.41        | 6.2         | NNE  | 25  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.43         | 4.7          | 0.69        | 5.6         | 0.83         | 5.7          | 1.09        | 5.1         |      |     |
|     | 平均 | 0.31         | 4.4          | 0.49        | 5.3         | 0.61         | 5.4          | 0.81        | 5.4         |      |     |
| 08  | 00 | 0.20         | 3.1          | 0.30        | 4.2         | 0.37         | 4.5          | 0.53        | 4.8         | NNE  | 33  |
|     | 02 | 0.20         | 2.6          | 0.31        | 3.3         | 0.39         | 3.4          | 0.51        | 1.8         | NE   | 37  |
|     | 04 | * 0.21       | 2.4          | * 0.32      | 2.6         | 0.40         | 2.4          | * 0.67      | 1.7         | W    | 276 |
|     | 06 | 0.21         | 2.3          | 0.32        | 2.4         | * 0.41       | 2.3          | 0.64        | 2.3         | WNW  | 302 |
|     | 08 | 0.17         | 2.7          | 0.26        | 3.4         | 0.32         | 3.5          | 0.44        | 2.2         | NNE  | 20  |
|     | 10 | 0.20         | 2.5          | 0.30        | 3.0         | 0.36         | 2.8          | 0.50        | 1.7         | W    | 270 |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.10         | 2.8          | 0.15        | 3.8         | 0.19         | 4.3          | 0.27        | 4.2         | NE   | 37  |
|     | 14 | 0.11         | 2.8          | 0.17        | 3.4         | 0.21         | 3.0          | 0.27        | 3.1         | E    | 86  |
|     | 16 | 0.16         | 2.1          | 0.25        | 2.2         | 0.32         | 2.1          | 0.47        | 1.9         | NE   | 41  |
|     | 18 | 0.15         | 2.1          | 0.22        | 2.3         | 0.28         | 2.1          | 0.44        | 2.0         | NNW  | 344 |
|     | 20 | 0.07         | 2.7          | 0.11        | 3.9         | 0.13         | 4.3          | 0.20        | 3.4         | ENE  | 57  |
|     | 22 | 0.10         | 3.4          | 0.14        | 4.9         | 0.16         | 5.3          | 0.20        | 4.9         | NNE  | 12  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.21         | 2.4          | 0.32        | 2.6         | 0.41         | 2.3          | 0.67        | 1.7         |      |     |
|     | 平均 | 0.16         | 2.6          | 0.24        | 3.3         | 0.29         | 3.3          | 0.43        | 2.8         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 9月

| 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  | 337 回 |
| 欠測回数  | 0 回   | 欠測回数  | 23 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 6.4 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 09  | 00 | 0.08         | 3.1          | 0.12        | 4.5         | 0.16         | 5.5          | 0.20        | 6.3         | 欠測   | 欠測  |
|     | 02 | 0.09         | 2.6          | 0.12        | 3.6         | 0.15         | 4.3          | 0.18        | 5.1         | NNE  | 20  |
|     | 04 | 0.07         | 3.0          | 0.11        | 4.2         | 0.14         | 4.7          | 0.19        | 4.3         | NNW  | 340 |
|     | 06 | 0.08         | 2.9          | 0.12        | 4.3         | 0.15         | 4.9          | 0.18        | 6.3         | NE   | 37  |
|     | 08 | 0.07         | 3.2          | 0.11        | 4.8         | 0.13         | 5.6          | 0.17        | 7.6         | ENE  | 70  |
|     | 10 | 0.07         | 3.3          | 0.11        | 4.6         | 0.14         | 5.3          | 0.22        | 3.6         | 欠測   | 欠測  |
|     | 12 | 0.07         | 3.2          | 0.10        | 4.6         | 0.13         | 5.3          | 0.18        | 4.9         | N    | 352 |
|     | 14 | * 0.20       | 2.3          | * 0.30      | 2.4         | * 0.38       | 2.4          | * 0.56      | 2.2         | NNE  | 33  |
|     | 16 | 0.13         | 2.3          | 0.20        | 2.8         | 0.24         | 2.8          | 0.34        | 2.3         | NE   | 52  |
|     | 18 | 0.18         | 2.5          | 0.27        | 2.7         | 0.34         | 2.6          | 0.50        | 2.2         | NE   | 46  |
|     | 20 | 0.17         | 2.6          | 0.26        | 2.9         | 0.33         | 2.9          | 0.53        | 2.3         | NNW  | 348 |
|     | 22 | 0.18         | 2.9          | 0.27        | 3.2         | 0.33         | 3.1          | 0.53        | 3.0         | NNW  | 331 |
|     | 最大 | 0.20         | 2.3          | 0.30        | 2.4         | 0.38         | 2.4          | 0.56        | 2.2         |      |     |
|     | 平均 | 0.12         | 2.8          | 0.17        | 3.7         | 0.22         | 4.1          | 0.32        | 4.2         |      |     |
| 10  | 00 | 0.15         | 2.9          | 0.24        | 3.5         | 0.29         | 3.4          | 0.42        | 2.7         | W    | 270 |
|     | 02 | 0.13         | 2.8          | 0.19        | 3.5         | 0.23         | 3.7          | 0.31        | 3.4         | NW   | 323 |
|     | 04 | 0.11         | 3.4          | 0.17        | 4.5         | 0.20         | 4.7          | 0.29        | 5.5         | ENE  | 65  |
|     | 06 | 0.10         | 3.3          | 0.16        | 4.6         | 0.21         | 5.5          | 0.40        | 3.3         | NE   | 49  |
|     | 08 | 0.10         | 3.0          | 0.14        | 4.2         | 0.18         | 4.8          | 0.23        | 4.8         | NE   | 41  |
|     | 10 | 0.11         | 3.8          | 0.17        | 4.8         | 0.21         | 5.1          | 0.28        | 5.2         | W    | 270 |
|     | 12 | 0.11         | 3.2          | 0.17        | 4.6         | 0.20         | 5.0          | 0.29        | 4.2         | NW   | 311 |
|     | 14 | 0.16         | 2.8          | 0.24        | 3.4         | 0.29         | 3.4          | 0.44        | 3.3         | 欠測   | 欠測  |
|     | 16 | 0.19         | 2.6          | * 0.29      | 3.0         | * 0.36       | 2.9          | * 0.52      | 2.7         | N    | 0   |
|     | 18 | * 0.19       | 2.7          | 0.28        | 3.0         | 0.34         | 3.2          | 0.47        | 2.4         | N    | 353 |
|     | 20 | 0.14         | 2.7          | 0.21        | 3.5         | 0.26         | 3.5          | 0.36        | 2.7         | 欠測   | 欠測  |
|     | 22 | 0.12         | 3.3          | 0.18        | 4.4         | 0.22         | 4.7          | 0.30        | 4.9         | N    | 352 |
|     | 最大 | 0.19         | 2.7          | 0.29        | 3.0         | 0.36         | 2.9          | 0.52        | 2.7         |      |     |
|     | 平均 | 0.13         | 3.0          | 0.20        | 3.9         | 0.25         | 4.2          | 0.36        | 3.8         |      |     |
| 11  | 00 | 0.12         | 3.1          | 0.18        | 3.9         | 0.22         | 4.0          | 0.29        | 2.8         | N    | 0   |
|     | 02 | 0.11         | 3.2          | 0.16        | 3.9         | 0.20         | 4.3          | 0.27        | 3.6         | 欠測   | 欠測  |
|     | 04 | 0.10         | 3.2          | 0.14        | 3.9         | 0.18         | 4.2          | 0.25        | 2.8         | NNW  | 344 |
|     | 06 | 0.10         | 2.6          | 0.16        | 3.3         | 0.20         | 3.5          | 0.26        | 3.1         | 欠測   | 欠測  |
|     | 08 | 0.09         | 3.0          | 0.14        | 4.1         | 0.17         | 4.8          | 0.23        | 2.3         | WNW  | 303 |
|     | 10 | 0.08         | 3.1          | 0.12        | 4.2         | 0.15         | 4.8          | 0.23        | 3.0         | E    | 86  |
|     | 12 | 0.08         | 2.8          | 0.12        | 3.7         | 0.15         | 4.1          | 0.22        | 4.3         | 欠測   | 欠測  |
|     | 14 | 0.07         | 2.5          | 0.10        | 3.4         | 0.13         | 3.8          | 0.20        | 7.2         | ENE  | 74  |
|     | 16 | * 0.21       | 2.4          | * 0.33      | 2.6         | * 0.43       | 2.5          | * 0.62      | 2.3         | NNE  | 31  |
|     | 18 | 0.11         | 2.3          | 0.17        | 2.5         | 0.21         | 2.5          | 0.31        | 2.0         | E    | 81  |
|     | 20 | 0.08         | 2.6          | 0.11        | 3.3         | 0.14         | 3.6          | 0.19        | 6.3         | NW   | 323 |
|     | 22 | 0.07         | 2.6          | 0.10        | 3.6         | 0.13         | 3.8          | 0.19        | 6.4         | NW   | 323 |
|     | 最大 | 0.21         | 2.4          | 0.33        | 2.6         | 0.43         | 2.5          | 0.62        | 2.3         |      |     |
|     | 平均 | 0.10         | 2.8          | 0.15        | 3.5         | 0.19         | 3.8          | 0.27        | 3.8         |      |     |
| 12  | 00 | 0.07         | 2.7          | 0.10        | 3.8         | 0.12         | 4.2          | 0.15        | 5.4         | E    | 82  |
|     | 02 | 0.07         | 3.0          | 0.10        | 4.0         | 0.12         | 4.7          | 0.20        | 4.2         | 欠測   | 欠測  |
|     | 04 | 0.07         | 2.7          | 0.10        | 3.9         | 0.12         | 4.5          | 0.14        | 7.6         | 欠測   | 欠測  |
|     | 06 | 0.07         | 2.6          | 0.11        | 3.4         | 0.13         | 3.8          | 0.17        | 4.0         | WNW  | 295 |
|     | 08 | 0.07         | 2.6          | 0.11        | 3.3         | 0.14         | 3.3          | 0.22        | 2.0         | NNE  | 25  |
|     | 10 | 0.08         | 2.3          | 0.11        | 2.7         | 0.14         | 2.5          | 0.19        | 4.9         | N    | 355 |
|     | 12 | 0.07         | 2.6          | 0.10        | 3.4         | 0.12         | 3.8          | 0.16        | 7.9         | NE   | 49  |
|     | 14 | 0.06         | 2.6          | 0.09        | 3.3         | 0.11         | 3.7          | 0.15        | 5.7         | 欠測   | 欠測  |
|     | 16 | 0.07         | 2.4          | 0.10        | 3.0         | 0.11         | 3.6          | 0.14        | 2.5         | NE   | 51  |
|     | 18 | * 0.10       | 2.4          | * 0.16      | 2.6         | * 0.20       | 2.4          | * 0.29      | 2.0         | N    | 359 |
|     | 20 | 0.07         | 2.5          | 0.11        | 2.9         | 0.13         | 2.9          | 0.20        | 1.8         | N    | 1   |
|     | 22 | 0.07         | 2.9          | 0.10        | 3.8         | 0.12         | 3.9          | 0.18        | 7.2         | NE   | 45  |
|     | 最大 | 0.10         | 2.4          | 0.16        | 2.6         | 0.20         | 2.4          | 0.29        | 2.0         |      |     |
|     | 平均 | 0.07         | 2.6          | 0.11        | 3.3         | 0.13         | 3.6          | 0.18        | 4.6         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 9月

| 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  | 337 回 |
| 欠測回数  | 0 回   | 欠測回数  | 23 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 6.4 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean  | H1/3   | T1/3   | H1/10  | T1/10 | Hmax   | Tmax   | 波 向  |     |     |
|----|----|--------|--------|--------|--------|--------|-------|--------|--------|------|-----|-----|
|    |    | (m)    | (s)    | (m)    | (s)    | (m)    | (s)   | (m)    | (s)    | 16方位 | 角度  |     |
| 13 | 00 | 0.06   | 2.6    | 0.09   | 3.6    | 0.11   | 3.8   | 0.15   | 2.7    | 欠測   | 欠測  |     |
|    | 02 | 0.06   | 2.8    | 0.09   | 3.8    | 0.11   | 4.3   | 0.17   | 6.4    | ENE  | 78  |     |
|    | 04 | 0.23   | 2.5    | 0.35   | 2.7    | 0.44   | 2.7   | 0.71   | 2.4    | NNE  | 22  |     |
|    | 06 | 0.23   | 2.6    | 0.36   | 3.0    | 0.45   | 2.9   | 0.62   | 2.7    | NW   | 319 |     |
|    | 08 | 0.27   | 3.0    | 0.43   | 3.3    | 0.53   | 3.2   | 0.71   | 3.3    | N    | 8   |     |
|    | 10 | 0.28   | 3.2    | 0.43   | 3.7    | 0.53   | 3.7   | 0.67   | 3.2    | NNE  | 20  |     |
|    | 12 | 0.25   | 3.4    | 0.38   | 4.1    | 0.47   | 4.2   | 0.66   | 4.8    | ENE  | 78  |     |
|    | 14 | 0.29   | 3.1    | 0.45   | 3.7    | 0.54   | 3.7   | 0.71   | 4.6    | NW   | 307 |     |
|    | 16 | 0.31   | 3.0    | 0.48   | 3.4    | 0.59   | 3.3   | * 0.89 | 2.7    | NE   | 37  |     |
|    | 18 | 0.30   | 3.1    | 0.46   | 3.5    | 0.57   | 3.4   | 0.80   | 3.5    | NNE  | 16  |     |
|    | 20 | 0.34   | 3.4    | 0.51   | 3.8    | 0.64   | 3.7   | 0.85   | 3.1    | NNE  | 29  |     |
|    | 22 | * 0.34 | 4.1    | * 0.52 | 5.8    | * 0.67 | 6.7   | 0.83   | 11.1   | NNW  | 340 |     |
|    | 最大 | 0.34   | 4.1    | 0.52   | 5.8    | 0.67   | 6.7   | 0.89   | 2.7    |      |     |     |
|    | 平均 | 0.25   | 3.1    | 0.38   | 3.7    | 0.47   | 3.8   | 0.65   | 4.2    |      |     |     |
|    | 14 | 00     | 0.47   | 7.1    | 0.81   | 11.6   | 1.03  | 11.8   | 1.28   | 11.0 | NNW | 344 |
|    |    | 02     | 0.57   | 8.6    | 0.94   | 11.8   | 1.22  | 11.7   | 1.49   | 12.6 | N   | 0   |
| 04 |    | 0.58   | 9.2    | 0.91   | 11.2   | 1.05   | 11.1  | 1.20   | 12.0   | NNW  | 348 |     |
| 06 |    | 0.49   | 8.2    | 0.84   | 11.7   | 1.01   | 11.9  | 1.48   | 11.7   | NNW  | 340 |     |
| 08 |    | 0.40   | 7.3    | 0.71   | 11.2   | 0.94   | 11.6  | 1.17   | 11.3   | NNW  | 327 |     |
| 10 |    | 0.39   | 6.5    | 0.68   | 10.7   | 0.92   | 11.5  | 1.37   | 11.6   | N    | 356 |     |
| 12 |    | 0.40   | 6.5    | 0.66   | 10.7   | 0.85   | 11.5  | 1.05   | 11.8   | NNW  | 344 |     |
| 14 |    | 0.47   | 7.4    | 0.81   | 11.1   | 1.03   | 11.1  | 1.25   | 12.1   | N    | 356 |     |
| 16 |    | 0.43   | 6.2    | 0.72   | 9.7    | 0.92   | 10.1  | 1.19   | 10.8   | NNE  | 12  |     |
| 18 |    | * 0.63 | 8.2    | 1.00   | 10.3   | 1.20   | 10.3  | 1.68   | 9.2    | N    | 0   |     |
| 20 |    | 0.62   | 6.6    | * 1.10 | 9.7    | * 1.43 | 10.5  | * 1.71 | 9.0    | N    | 0   |     |
| 22 |    | 0.57   | 6.8    | 0.95   | 9.6    | 1.19   | 9.4   | 1.56   | 9.6    | N    | 8   |     |
| 最大 |    | 0.63   | 8.2    | 1.10   | 9.7    | 1.43   | 10.5  | 1.71   | 9.0    |      |     |     |
| 平均 |    | 0.50   | 7.4    | 0.84   | 10.8   | 1.07   | 11.0  | 1.37   | 11.1   |      |     |     |
| 15 |    | 00     | * 0.61 | 7.0    | * 0.95 | 9.4    | 1.18  | 9.5    | 1.48   | 9.2  | N   | 8   |
|    |    | 02     | 0.43   | 6.0    | 0.72   | 8.4    | 0.90  | 8.8    | 1.16   | 8.7  | N   | 8   |
|    | 04 | 0.36   | 5.5    | 0.56   | 8.1    | 0.72   | 8.5   | 0.90   | 8.6    | N    | 8   |     |
|    | 06 | 0.34   | 5.9    | 0.54   | 8.6    | 0.66   | 9.0   | 0.92   | 9.4    | N    | 0   |     |
|    | 08 | 0.38   | 4.2    | 0.60   | 5.8    | 0.75   | 6.7   | 1.00   | 5.6    | N    | 8   |     |
|    | 10 | 0.39   | 4.0    | 0.59   | 5.4    | 0.71   | 6.4   | 0.94   | 2.6    | N    | 4   |     |
|    | 12 | 0.48   | 3.6    | 0.72   | 4.1    | 0.89   | 4.4   | 1.14   | 4.4    | N    | 8   |     |
|    | 14 | 0.53   | 3.7    | 0.81   | 4.5    | 1.03   | 5.1   | 1.39   | 7.2    | NNE  | 25  |     |
|    | 16 | 0.55   | 3.7    | 0.86   | 4.3    | 1.12   | 4.2   | 1.49   | 4.0    | NE   | 41  |     |
|    | 18 | 0.61   | 3.8    | 0.94   | 4.3    | * 1.19 | 4.5   | * 1.53 | 3.5    | NNE  | 16  |     |
|    | 20 | 0.53   | 3.6    | 0.83   | 4.2    | 1.03   | 4.3   | 1.39   | 3.0    | N    | 8   |     |
|    | 22 | 0.40   | 3.6    | 0.63   | 4.2    | 0.80   | 4.2   | 1.17   | 4.3    | N    | 8   |     |
|    | 最大 | 0.61   | 7.0    | 0.95   | 9.4    | 1.19   | 4.5   | 1.53   | 3.5    |      |     |     |
|    | 平均 | 0.47   | 4.5    | 0.73   | 5.9    | 0.92   | 6.3   | 1.21   | 5.9    |      |     |     |
|    | 16 | 00     | * 0.35 | 3.7    | 0.54   | 4.4    | 0.68  | 4.5    | * 0.97 | 4.8  | NNE | 16  |
|    |    | 02     | 0.34   | 3.8    | 0.51   | 4.6    | 0.65  | 4.6    | 0.76   | 4.1  | NNE | 20  |
| 04 |    | 0.34   | 4.1    | * 0.55 | 5.0    | * 0.68 | 5.1   | 0.96   | 5.8    | NNE  | 20  |     |
| 06 |    | 0.33   | 4.4    | 0.51   | 5.4    | 0.62   | 5.2   | 0.86   | 4.4    | NNE  | 20  |     |
| 08 |    | 0.28   | 4.1    | 0.44   | 5.2    | 0.53   | 5.3   | 0.66   | 4.5    | NNE  | 29  |     |
| 10 |    | 0.29   | 4.3    | 0.45   | 5.5    | 0.55   | 5.7   | 0.82   | 4.7    | NNE  | 33  |     |
| 12 |    | 0.29   | 4.3    | 0.45   | 5.7    | 0.53   | 6.0   | 0.64   | 5.5    | NNE  | 25  |     |
| 14 |    | 0.28   | 4.1    | 0.45   | 5.6    | 0.57   | 5.7   | 0.83   | 5.8    | N    | 356 |     |
| 16 |    | 0.25   | 4.3    | 0.40   | 6.0    | 0.52   | 6.3   | 0.69   | 6.2    | NNE  | 12  |     |
| 18 |    | 0.21   | 3.5    | 0.32   | 5.1    | 0.42   | 5.7   | 0.67   | 6.1    | NNE  | 16  |     |
| 20 |    | 0.20   | 4.0    | 0.31   | 5.5    | 0.39   | 5.8   | 0.59   | 5.4    | N    | 4   |     |
| 22 |    | 0.19   | 3.7    | 0.30   | 5.3    | 0.38   | 5.7   | 0.53   | 5.2    | N    | 4   |     |
| 最大 |    | 0.35   | 3.7    | 0.55   | 5.0    | 0.68   | 5.1   | 0.97   | 4.8    |      |     |     |
| 平均 |    | 0.28   | 4.0    | 0.44   | 5.3    | 0.54   | 5.5   | 0.75   | 5.2    |      |     |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 9月

| 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  | 337 回 |
| 欠測回数  | 0 回   | 欠測回数  | 23 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 6.4 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 17 | 00 | 0.19         | 4.3          | 0.28        | 5.6         | 0.34         | 5.7          | 0.41        | 4.9         | N    | 352 |
|    | 02 | 0.18         | 4.2          | 0.28        | 5.4         | 0.34         | 5.6          | 0.44        | 4.9         | NNE  | 20  |
|    | 04 | 0.16         | 4.0          | 0.25        | 5.0         | 0.31         | 4.9          | 0.37        | 5.2         | NNE  | 12  |
|    | 06 | 0.16         | 3.9          | 0.26        | 5.0         | 0.31         | 5.1          | 0.37        | 4.9         | NE   | 45  |
|    | 08 | 0.16         | 3.9          | 0.25        | 5.0         | 0.31         | 4.9          | 0.43        | 4.8         | N    | 0   |
|    | 10 | 0.13         | 3.7          | 0.21        | 4.8         | 0.25         | 4.8          | 0.30        | 6.0         | NE   | 37  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.14         | 3.3          | 0.22        | 4.5         | 0.27         | 4.7          | 0.35        | 3.8         | N    | 4   |
|    | 14 | 0.13         | 3.2          | 0.20        | 4.5         | 0.25         | 4.7          | 0.35        | 4.7         | NNE  | 33  |
|    | 16 | 0.19         | 3.1          | 0.29        | 3.5         | 0.36         | 3.7          | 0.55        | 2.6         | NNE  | 16  |
|    | 18 | 0.38         | 3.0          | 0.58        | 3.4         | 0.75         | 3.3          | 1.18        | 3.5         | N    | 0   |
|    | 20 | * 0.48       | 3.4          | * 0.73      | 3.7         | * 0.90       | 3.6          | * 1.26      | 3.9         | N    | 0   |
|    | 22 | 0.33         | 3.3          | 0.51        | 3.8         | 0.61         | 3.7          | 0.77        | 3.4         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.48         | 3.4          | 0.73        | 3.7         | 0.90         | 3.6          | 1.26        | 3.9         |      |     |
|    | 平均 | 0.22         | 3.6          | 0.34        | 4.5         | 0.42         | 4.6          | 0.56        | 4.4         |      |     |
| 18 | 00 | 0.25         | 3.5          | 0.38        | 3.9         | 0.49         | 3.9          | 0.69        | 3.9         | NNE  | 16  |
|    | 02 | 0.30         | 3.9          | 0.47        | 4.4         | 0.59         | 4.4          | 0.85        | 4.4         | NNE  | 12  |
|    | 04 | 0.27         | 3.6          | 0.43        | 4.2         | 0.54         | 4.1          | 0.65        | 4.3         | NNE  | 29  |
|    | 06 | 0.30         | 3.5          | 0.46        | 4.2         | 0.57         | 4.1          | 0.80        | 4.3         | N    | 8   |
|    | 08 | 0.26         | 3.1          | 0.40        | 3.7         | 0.49         | 3.7          | 0.58        | 2.7         | N    | 356 |
|    | 10 | 0.26         | 2.9          | 0.40        | 3.2         | 0.49         | 3.2          | 0.64        | 3.0         | ENE  | 61  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.23         | 2.9          | 0.35        | 3.3         | 0.44         | 3.2          | 0.63        | 2.6         | NNW  | 348 |
|    | 14 | 0.18         | 3.1          | 0.28        | 3.7         | 0.34         | 3.6          | 0.42        | 3.9         | W    | 266 |
|    | 16 | 0.14         | 3.0          | 0.21        | 3.7         | 0.25         | 3.7          | 0.38        | 3.8         | NNW  | 348 |
|    | 18 | 0.46         | 3.0          | 0.73        | 3.3         | 0.93         | 3.2          | 1.22        | 3.2         | NE   | 37  |
|    | 20 | 0.65         | 3.6          | 1.02        | 4.0         | 1.29         | 4.0          | 1.92        | 4.2         | NNE  | 25  |
|    | 22 | * 0.70       | 3.9          | * 1.10      | 4.4         | * 1.39       | 4.4          | * 1.99      | 5.0         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.70         | 3.9          | 1.10        | 4.4         | 1.39         | 4.4          | 1.99        | 5.0         |      |     |
|    | 平均 | 0.33         | 3.3          | 0.52        | 3.8         | 0.65         | 3.8          | 0.90        | 3.8         |      |     |
| 19 | 00 | 0.71         | 4.0          | 1.11        | 4.7         | 1.38         | 4.7          | 1.77        | 4.2         | NNE  | 16  |
|    | 02 | 0.80         | 4.1          | 1.27        | 4.9         | 1.57         | 4.8          | 2.03        | 4.7         | NNE  | 16  |
|    | 04 | 0.94         | 4.3          | 1.48        | 5.1         | 1.94         | 5.0          | 2.58        | 5.2         | NNE  | 20  |
|    | 06 | * 1.06       | 4.7          | * 1.65      | 5.4         | * 2.03       | 5.6          | 2.80        | 5.6         | NNE  | 20  |
|    | 08 | 0.99         | 4.4          | 1.57        | 5.3         | 1.98         | 5.2          | 2.97        | 5.2         | NNE  | 25  |
|    | 10 | 1.02         | 4.7          | 1.54        | 5.0         | 1.92         | 5.2          | 2.61        | 5.1         | NNE  | 33  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.88         | 4.5          | 1.36        | 5.2         | 1.67         | 5.0          | 2.18        | 4.4         | NNE  | 25  |
|    | 14 | 0.98         | 4.6          | 1.53        | 5.4         | 2.00         | 5.5          | * 2.99      | 5.4         | NNE  | 25  |
|    | 16 | 0.98         | 4.6          | 1.55        | 5.5         | 1.94         | 5.5          | 2.31        | 5.3         | NNE  | 20  |
|    | 18 | 0.98         | 4.5          | 1.51        | 5.4         | 1.95         | 5.5          | 2.43        | 5.8         | NNE  | 25  |
|    | 20 | 0.93         | 4.5          | 1.44        | 5.3         | 1.78         | 5.3          | 2.31        | 4.3         | NNE  | 20  |
|    | 22 | 0.65         | 4.4          | 1.07        | 5.4         | 1.32         | 5.4          | 1.64        | 5.0         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 1.06         | 4.7          | 1.65        | 5.4         | 2.03         | 5.6          | 2.99        | 5.4         |      |     |
|    | 平均 | 0.91         | 4.4          | 1.42        | 5.2         | 1.79         | 5.2          | 2.38        | 5.0         |      |     |
| 20 | 00 | 0.60         | 4.6          | 0.94        | 5.6         | 1.16         | 5.5          | 1.63        | 5.3         | NNE  | 25  |
|    | 02 | 0.56         | 4.6          | 0.88        | 5.2         | 1.08         | 5.2          | 1.31        | 5.0         | NNE  | 25  |
|    | 04 | 0.55         | 4.1          | 0.88        | 4.8         | 1.13         | 4.9          | 1.46        | 5.0         | NNE  | 20  |
|    | 06 | 0.53         | 4.1          | 0.82        | 4.8         | 1.02         | 4.7          | 1.31        | 4.9         | NNE  | 12  |
|    | 08 | 0.50         | 4.1          | 0.78        | 4.7         | 0.97         | 4.8          | 1.39        | 4.4         | NNE  | 12  |
|    | 10 | 0.55         | 4.3          | 0.86        | 4.8         | 1.09         | 4.9          | 1.63        | 4.8         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.54         | 4.0          | 0.83        | 4.9         | 1.01         | 5.0          | 1.53        | 3.9         | NNE  | 12  |
|    | 14 | * 0.70       | 4.1          | * 1.08      | 4.9         | 1.32         | 4.8          | 1.54        | 4.7         | NNE  | 25  |
|    | 16 | 0.66         | 4.1          | 1.05        | 4.9         | * 1.33       | 4.9          | * 1.80      | 4.3         | NNE  | 20  |
|    | 18 | 0.55         | 3.9          | 0.86        | 4.7         | 1.07         | 4.9          | 1.47        | 5.5         | NNE  | 33  |
|    | 20 | 0.54         | 4.2          | 0.88        | 5.0         | 1.13         | 5.0          | 1.50        | 5.0         | NNE  | 12  |
|    | 22 | 0.53         | 4.8          | 0.85        | 5.4         | 1.08         | 5.4          | 1.61        | 5.3         | NNE  | 33  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.70         | 4.1          | 1.08        | 4.9         | 1.33         | 4.9          | 1.80        | 4.3         |      |     |
|    | 平均 | 0.57         | 4.2          | 0.89        | 5.0         | 1.12         | 5.0          | 1.51        | 4.8         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 9月

| 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  | 337 回 |
| 欠測回数  | 0 回   | 欠測回数  | 23 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 6.4 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 21 | 00 | * 0.47 | 4.7   | * 0.75 | 5.4  | * 0.93 | 5.2   | * 1.24 | 5.5  | NNE  | 29  |
|    | 02 | 0.42   | 4.7   | 0.64   | 5.3  | 0.80   | 5.2   | 0.97   | 5.6  | NNE  | 25  |
|    | 04 | 0.39   | 4.7   | 0.61   | 5.3  | 0.78   | 5.4   | 1.09   | 5.2  | NNE  | 20  |
|    | 06 | 0.34   | 4.6   | 0.54   | 5.5  | 0.67   | 5.5   | 0.86   | 5.7  | NNE  | 33  |
|    | 08 | 0.28   | 4.7   | 0.44   | 5.4  | 0.57   | 5.3   | 0.93   | 5.1  | NNE  | 16  |
|    | 10 | 0.23   | 4.3   | 0.37   | 5.4  | 0.45   | 5.4   | 0.66   | 4.7  | N    | 8   |
|    | 12 | 0.20   | 3.9   | 0.32   | 5.3  | 0.39   | 5.2   | 0.54   | 5.2  | NNE  | 33  |
|    | 14 | 0.24   | 3.2   | 0.37   | 4.0  | 0.46   | 4.4   | 0.67   | 5.7  | NNE  | 16  |
|    | 16 | 0.24   | 3.1   | 0.38   | 3.7  | 0.47   | 3.7   | 0.61   | 3.1  | NNE  | 29  |
|    | 18 | 0.23   | 3.2   | 0.35   | 4.0  | 0.44   | 4.1   | 0.57   | 4.8  | N    | 8   |
|    | 20 | 0.19   | 3.1   | 0.29   | 4.0  | 0.37   | 4.2   | 0.50   | 5.0  | N    | 356 |
|    | 22 | 0.17   | 3.8   | 0.25   | 5.1  | 0.30   | 5.4   | 0.46   | 3.8  | NNE  | 29  |
|    | 最大 | 0.47   | 4.7   | 0.75   | 5.4  | 0.93   | 5.2   | 1.24   | 5.5  |      |     |
|    | 平均 | 0.28   | 4.0   | 0.44   | 4.9  | 0.55   | 4.9   | 0.76   | 5.0  |      |     |
|    | 22 | 00     | 0.15  | 3.8    | 0.25 | 5.3    | 0.30  | 5.5    | 0.36 | 5.7  | NNE |
| 02 |    | 0.13   | 3.8   | 0.20   | 5.5  | 0.25   | 5.7   | 0.32   | 6.7  | NNE  | 33  |
| 04 |    | 0.13   | 3.9   | 0.20   | 5.6  | 0.23   | 5.8   | 0.31   | 6.2  | NNE  | 25  |
| 06 |    | 0.15   | 3.4   | 0.23   | 4.4  | 0.28   | 4.8   | 0.36   | 3.6  | NNE  | 12  |
| 08 |    | 0.15   | 3.3   | 0.24   | 4.3  | 0.30   | 4.5   | 0.42   | 4.0  | NE   | 53  |
| 10 |    | 0.11   | 3.0   | 0.18   | 4.1  | 0.22   | 4.6   | 0.28   | 5.3  | NW   | 311 |
| 12 |    | 0.12   | 2.8   | 0.18   | 3.8  | 0.22   | 4.1   | 0.26   | 5.8  | ENE  | 61  |
| 14 |    | * 0.26 | 2.5   | * 0.39 | 2.8  | * 0.49 | 2.6   | * 0.74 | 2.5  | WNW  | 300 |
| 16 |    | 0.13   | 2.4   | 0.21   | 2.8  | 0.26   | 2.9   | 0.36   | 2.6  | NNW  | 346 |
| 18 |    | 0.11   | 2.3   | 0.17   | 2.8  | 0.21   | 3.1   | 0.27   | 2.7  | NNE  | 16  |
| 20 |    | 0.14   | 2.7   | 0.21   | 2.9  | 0.26   | 2.9   | 0.41   | 2.9  | E    | 89  |
| 22 |    | 0.08   | 2.4   | 0.11   | 3.1  | 0.14   | 3.6   | 0.17   | 4.5  | NW   | 320 |
| 最大 |    | 0.26   | 2.5   | 0.39   | 2.8  | 0.49   | 2.6   | 0.74   | 2.5  |      |     |
| 平均 |    | 0.14   | 3.0   | 0.21   | 3.9  | 0.26   | 4.2   | 0.35   | 4.4  |      |     |
| 23 |    | 00     | 0.08  | 2.5    | 0.11 | 3.1    | 0.13  | 3.6    | 0.19 | 2.4  | NW  |
|    | 02 | 0.07   | 2.8   | 0.10   | 3.9  | 0.13   | 4.4   | 0.19   | 4.1  | 欠測   | 欠測  |
|    | 04 | 0.07   | 2.6   | 0.11   | 3.5  | 0.13   | 4.4   | 0.20   | 3.7  | 欠測   | 欠測  |
|    | 06 | 0.08   | 2.9   | 0.13   | 3.7  | 0.16   | 4.0   | 0.22   | 3.6  | 欠測   | 欠測  |
|    | 08 | 0.08   | 2.7   | 0.11   | 3.7  | 0.14   | 4.3   | 0.19   | 6.8  | N    | 356 |
|    | 10 | 0.07   | 2.5   | 0.10   | 3.4  | 0.12   | 3.9   | 0.20   | 2.9  | 欠測   | 欠測  |
|    | 12 | 0.09   | 3.0   | 0.14   | 4.1  | 0.17   | 4.4   | 0.22   | 3.6  | ENE  | 74  |
|    | 14 | 0.25   | 2.6   | 0.38   | 2.7  | 0.49   | 2.7   | * 0.78 | 2.4  | NNE  | 16  |
|    | 16 | * 0.26 | 2.6   | * 0.41 | 2.8  | * 0.53 | 2.7   | 0.76   | 2.8  | W    | 281 |
|    | 18 | 0.19   | 2.4   | 0.30   | 2.6  | 0.38   | 2.5   | 0.56   | 2.4  | E    | 79  |
|    | 20 | 0.14   | 2.3   | 0.22   | 2.8  | 0.27   | 2.6   | 0.47   | 2.1  | NE   | 45  |
|    | 22 | 0.10   | 3.2   | 0.15   | 5.0  | 0.20   | 5.9   | 0.25   | 8.6  | NNW  | 344 |
|    | 最大 | 0.26   | 2.6   | 0.41   | 2.8  | 0.53   | 2.7   | 0.78   | 2.4  |      |     |
|    | 平均 | 0.12   | 2.7   | 0.19   | 3.4  | 0.24   | 3.8   | 0.35   | 3.8  |      |     |
|    | 24 | 00     | 0.09  | 3.3    | 0.13 | 5.2    | 0.16  | 6.3    | 0.22 | 7.1  | NNE |
| 02 |    | 0.09   | 3.9   | 0.14   | 6.1  | 0.18   | 7.1   | 0.25   | 6.6  | ENE  | 70  |
| 04 |    | 0.10   | 3.7   | 0.15   | 6.0  | 0.20   | 6.9   | 0.27   | 6.0  | NNE  | 16  |
| 06 |    | 0.10   | 4.0   | 0.17   | 6.2  | 0.21   | 7.1   | 0.28   | 7.3  | N    | 4   |
| 08 |    | 0.12   | 4.3   | 0.18   | 6.8  | 0.23   | 7.7   | 0.28   | 9.7  | N    | 352 |
| 10 |    | 0.15   | 5.3   | 0.25   | 7.9  | 0.32   | 8.9   | 0.38   | 12.7 | NNW  | 348 |
| 12 |    | 0.18   | 5.7   | 0.30   | 9.0  | 0.37   | 9.7   | 0.47   | 9.3  | N    | 0   |
| 14 |    | 0.32   | 4.1   | 0.52   | 6.3  | 0.66   | 7.7   | 1.02   | 9.7  | N    | 0   |
| 16 |    | 0.63   | 3.7   | 0.95   | 4.2  | 1.17   | 4.1   | 1.65   | 4.2  | N    | 356 |
| 18 |    | 0.90   | 4.7   | 1.38   | 6.4  | 1.72   | 6.4   | 2.01   | 4.3  | N    | 356 |
| 20 |    | * 1.06 | 5.1   | * 1.63 | 6.5  | * 1.99 | 6.8   | * 2.60 | 5.3  | N    | 8   |
| 22 |    | 0.91   | 4.9   | 1.39   | 6.2  | 1.68   | 6.8   | 2.13   | 8.1  | N    | 8   |
| 最大 |    | 1.06   | 5.1   | 1.63   | 6.5  | 1.99   | 6.8   | 2.60   | 5.3  |      |     |
| 平均 |    | 0.39   | 4.4   | 0.60   | 6.4  | 0.74   | 7.1   | 0.96   | 7.5  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 9月

| 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  | 337 回 |
| 欠測回数  | 0 回   | 欠測回数  | 23 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 6.4 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 25  | 00 | * 0.91       | 5.1          | 1.38        | 6.5         | 1.68         | 6.5          | * 2.99      | 5.6         | N    | 8   |
|     | 02 | 0.79         | 5.0          | 1.26        | 6.7         | 1.57         | 7.2          | 2.51        | 5.2         | N    | 8   |
|     | 04 | 0.85         | 5.2          | 1.34        | 7.0         | 1.72         | 7.6          | 2.30        | 6.0         | N    | 4   |
|     | 06 | 0.90         | 5.8          | * 1.43      | 8.1         | * 1.75       | 9.0          | 2.12        | 9.1         | NNE  | 12  |
|     | 08 | 0.77         | 5.6          | 1.25        | 7.7         | 1.58         | 8.6          | 2.34        | 8.8         | NNE  | 16  |
|     | 10 | 0.74         | 5.5          | 1.14        | 7.7         | 1.42         | 8.4          | 1.64        | 9.1         | N    | 8   |
|     | 12 | 0.63         | 4.8          | 0.97        | 6.6         | 1.19         | 7.0          | 1.67        | 6.8         | N    | 8   |
|     | 14 | 0.65         | 4.9          | 1.04        | 7.2         | 1.28         | 7.9          | 1.64        | 9.8         | NNE  | 12  |
|     | 16 | 0.56         | 4.5          | 0.86        | 6.0         | 1.04         | 6.5          | 1.40        | 8.6         | N    | 8   |
|     | 18 | 0.52         | 4.6          | 0.80        | 6.4         | 0.96         | 6.8          | 1.34        | 7.7         | N    | 8   |
|     | 20 | 0.43         | 4.3          | 0.65        | 5.6         | 0.79         | 5.9          | 0.94        | 4.5         | NNE  | 20  |
|     | 22 | 0.36         | 4.7          | 0.56        | 6.5         | 0.69         | 6.7          | 0.91        | 5.6         | N    | 4   |
|     | 最大 | 0.91         | 5.1          | 1.43        | 8.1         | 1.75         | 9.0          | 2.99        | 5.6         |      |     |
|     | 平均 | 0.68         | 5.0          | 1.06        | 6.8         | 1.31         | 7.3          | 1.82        | 7.2         |      |     |
| 26  | 00 | * 0.30       | 4.9          | * 0.48      | 6.8         | * 0.60       | 7.0          | * 0.95      | 6.7         | NNE  | 20  |
|     | 02 | 0.30         | 4.7          | 0.47        | 6.1         | 0.59         | 5.8          | 0.71        | 5.3         | NNE  | 25  |
|     | 04 | 0.27         | 4.5          | 0.43        | 6.2         | 0.53         | 6.3          | 0.75        | 5.3         | NNE  | 33  |
|     | 06 | 0.26         | 4.4          | 0.41        | 6.2         | 0.54         | 6.4          | 0.69        | 5.5         | NNE  | 33  |
|     | 08 | 0.23         | 4.8          | 0.37        | 6.2         | 0.47         | 6.2          | 0.63        | 6.4         | NNE  | 16  |
|     | 10 | 0.21         | 5.2          | 0.34        | 6.5         | 0.42         | 6.4          | 0.61        | 5.9         | NE   | 49  |
|     | 12 | 0.20         | 4.6          | 0.32        | 6.1         | 0.38         | 6.0          | 0.47        | 5.0         | NNE  | 29  |
|     | 14 | 0.19         | 4.6          | 0.31        | 5.8         | 0.40         | 5.9          | 0.55        | 6.4         | NNE  | 33  |
|     | 16 | 0.18         | 5.1          | 0.30        | 6.0         | 0.37         | 6.1          | 0.43        | 6.0         | NNE  | 20  |
|     | 18 | 0.17         | 4.6          | 0.27        | 5.7         | 0.33         | 5.8          | 0.41        | 6.0         | NE   | 45  |
|     | 20 | 0.15         | 4.4          | 0.24        | 5.5         | 0.31         | 5.6          | 0.41        | 5.5         | N    | 356 |
|     | 22 | 0.13         | 4.7          | 0.20        | 5.9         | 0.24         | 5.9          | 0.31        | 5.7         | NE   | 53  |
|     | 最大 | 0.30         | 4.9          | 0.48        | 6.8         | 0.60         | 7.0          | 0.95        | 6.7         |      |     |
|     | 平均 | 0.22         | 4.7          | 0.34        | 6.1         | 0.43         | 6.1          | 0.58        | 5.8         |      |     |
| 27  | 00 | 0.12         | 4.3          | 0.19        | 5.8         | 0.25         | 6.1          | 0.34        | 6.3         | N    | 8   |
|     | 02 | 0.10         | 4.0          | 0.16        | 5.5         | 0.19         | 5.7          | 0.27        | 6.3         | ENE  | 57  |
|     | 04 | 0.10         | 3.6          | 0.16        | 5.4         | 0.19         | 5.9          | 0.26        | 6.7         | N    | 356 |
|     | 06 | 0.11         | 3.7          | 0.16        | 5.5         | 0.19         | 5.8          | 0.26        | 6.9         | NNE  | 33  |
|     | 08 | 0.09         | 3.7          | 0.15        | 5.6         | 0.19         | 6.0          | 0.29        | 5.7         | N    | 352 |
|     | 10 | 0.10         | 3.6          | 0.15        | 5.1         | 0.19         | 5.0          | 0.26        | 5.1         | N    | 0   |
|     | 12 | 0.12         | 3.5          | 0.18        | 4.6         | 0.23         | 4.8          | 0.37        | 4.8         | NE   | 45  |
|     | 14 | 0.12         | 2.8          | 0.18        | 4.0         | 0.23         | 4.2          | 0.32        | 3.8         | 欠測   | 欠測  |
|     | 16 | 0.14         | 2.8          | 0.21        | 3.4         | 0.26         | 3.9          | 0.34        | 4.6         | N    | 356 |
|     | 18 | 0.18         | 2.5          | 0.27        | 2.7         | 0.35         | 2.6          | * 0.52      | 4.5         | NW   | 316 |
|     | 20 | * 0.19       | 2.7          | * 0.29      | 3.1         | * 0.36       | 3.1          | 0.49        | 2.8         | W    | 272 |
|     | 22 | 0.16         | 3.2          | 0.24        | 3.7         | 0.30         | 3.8          | 0.39        | 3.2         | NNE  | 20  |
|     | 最大 | 0.19         | 2.7          | 0.29        | 3.1         | 0.36         | 3.1          | 0.52        | 4.5         |      |     |
|     | 平均 | 0.13         | 3.4          | 0.19        | 4.5         | 0.24         | 4.7          | 0.34        | 5.1         |      |     |
| 28  | 00 | 0.19         | 3.8          | 0.28        | 4.3         | 0.34         | 4.2          | 0.40        | 4.7         | NNE  | 16  |
|     | 02 | * 0.21       | 4.1          | * 0.32      | 4.7         | * 0.39       | 4.7          | 0.47        | 5.3         | NNE  | 29  |
|     | 04 | 0.19         | 3.9          | 0.30        | 4.7         | 0.39         | 4.7          | * 0.59      | 4.3         | NE   | 53  |
|     | 06 | 0.17         | 3.8          | 0.25        | 4.5         | 0.29         | 4.5          | 0.37        | 4.3         | NNE  | 20  |
|     | 08 | 0.13         | 3.3          | 0.20        | 4.1         | 0.25         | 4.2          | 0.34        | 4.4         | N    | 8   |
|     | 10 | 0.11         | 3.3          | 0.18        | 4.1         | 0.22         | 4.4          | 0.28        | 4.7         | NE   | 53  |
|     | 12 | 0.13         | 3.5          | 0.20        | 4.3         | 0.24         | 4.4          | 0.31        | 3.7         | N    | 0   |
|     | 14 | 0.14         | 3.6          | 0.22        | 4.3         | 0.27         | 4.5          | 0.40        | 4.3         | N    | 8   |
|     | 16 | 0.12         | 3.3          | 0.19        | 4.4         | 0.24         | 4.5          | 0.34        | 4.8         | NNE  | 20  |
|     | 18 | 0.11         | 2.8          | 0.17        | 3.8         | 0.22         | 4.2          | 0.30        | 4.8         | E    | 94  |
|     | 20 | 0.12         | 2.8          | 0.18        | 3.7         | 0.23         | 3.7          | 0.33        | 4.2         | NNE  | 12  |
|     | 22 | 0.10         | 3.3          | 0.15        | 4.6         | 0.18         | 4.5          | 0.24        | 3.9         | NE   | 49  |
|     | 最大 | 0.21         | 4.1          | 0.32        | 4.7         | 0.39         | 4.7          | 0.59        | 4.3         |      |     |
|     | 平均 | 0.14         | 3.5          | 0.22        | 4.3         | 0.27         | 4.4          | 0.36        | 4.4         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年 9月

| 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  | 337 回 |
| 欠測回数  | 0 回   | 欠測回数  | 23 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 6.4 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日   | 時    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|-----|------|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|     |      | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 29  | 00   | 0.08   | 3.2   | 0.12   | 4.7  | 0.15   | 5.4   | 0.19   | 4.1  | N    | 4   |
|     | 02   | 0.08   | 2.9   | 0.12   | 4.3  | 0.16   | 5.2   | 0.23   | 5.1  | N    | 8   |
|     | 04   | 0.09   | 2.7   | 0.14   | 3.6  | 0.17   | 4.1   | 0.27   | 6.2  | N    | 4   |
|     | 06   | 0.08   | 2.9   | 0.11   | 3.7  | 0.14   | 4.5   | 0.21   | 4.7  | 欠測   | 欠測  |
|     | 08   | 0.07   | 2.8   | 0.11   | 3.9  | 0.13   | 4.3   | 0.25   | 4.8  | 欠測   | 欠測  |
|     | 10   | 0.08   | 2.6   | 0.11   | 3.5  | 0.13   | 3.8   | 0.18   | 5.1  | WNW  | 290 |
|     | 12   | 0.08   | 2.7   | 0.11   | 3.7  | 0.13   | 3.9   | 0.16   | 4.8  | NW   | 307 |
|     | 14   | 0.08   | 2.3   | 0.12   | 2.9  | 0.15   | 3.0   | 0.23   | 2.1  | NW   | 315 |
|     | 16   | * 0.17 | 2.3   | * 0.25 | 2.4  | * 0.32 | 2.3   | * 0.42 | 1.6  | WNW  | 301 |
|     | 18   | 0.13   | 2.5   | 0.20   | 2.7  | 0.26   | 2.7   | 0.35   | 2.7  | N    | 10  |
|     | 20   | 0.13   | 2.5   | 0.20   | 2.7  | 0.25   | 2.8   | 0.32   | 3.1  | NW   | 304 |
|     | 22   | 0.09   | 2.8   | 0.14   | 3.6  | 0.17   | 3.6   | 0.28   | 3.4  | 欠測   | 欠測  |
| 最大  | 0.17 | 2.3    | 0.25  | 2.4    | 0.32 | 2.3    | 0.42  | 1.6    |      |      |     |
| 平均  | 0.10 | 2.7    | 0.14  | 3.5    | 0.18 | 3.8    | 0.26  | 4.0    |      |      |     |
| 30  | 00   | 0.09   | 2.7   | 0.13   | 3.5  | 0.15   | 3.8   | 0.18   | 4.3  | 欠測   | 欠測  |
|     | 02   | 0.11   | 2.1   | 0.17   | 2.4  | 0.23   | 2.4   | 0.40   | 1.6  | NW   | 313 |
|     | 04   | 0.07   | 2.5   | 0.11   | 3.2  | 0.13   | 3.4   | 0.21   | 2.9  | NNW  | 344 |
|     | 06   | 0.12   | 2.3   | 0.18   | 2.6  | 0.23   | 2.6   | 0.36   | 4.1  | N    | 5   |
|     | 08   | 0.11   | 2.1   | 0.16   | 2.4  | 0.22   | 2.2   | 0.35   | 2.0  | NW   | 311 |
|     | 10   | 0.07   | 2.6   | 0.11   | 3.5  | 0.13   | 3.9   | 0.17   | 6.1  | 欠測   | 欠測  |
|     | 12   | 0.08   | 2.7   | 0.12   | 3.6  | 0.15   | 3.8   | 0.20   | 4.3  | 欠測   | 欠測  |
|     | 14   | 0.09   | 2.4   | 0.13   | 2.9  | 0.17   | 3.0   | 0.23   | 3.4  | ENE  | 72  |
|     | 16   | * 0.22 | 2.7   | * 0.35 | 2.9  | * 0.45 | 2.8   | * 0.68 | 2.9  | N    | 353 |
|     | 18   | 0.13   | 2.8   | 0.20   | 3.0  | 0.25   | 2.9   | 0.36   | 2.9  | W    | 277 |
|     | 20   | 0.08   | 2.8   | 0.12   | 3.6  | 0.15   | 4.0   | 0.21   | 3.5  | WNW  | 286 |
|     | 22   | 0.22   | 2.4   | 0.35   | 2.5  | 0.44   | 2.4   | 0.59   | 2.6  | N    | 9   |
| 最大  | 0.22 | 2.7    | 0.35  | 2.9    | 0.45 | 2.8    | 0.68  | 2.9    |      |      |     |
| 平均  | 0.12 | 2.5    | 0.18  | 3.0    | 0.22 | 3.1    | 0.33  | 3.4    |      |      |     |
| 月最大 | 1.06 | 5.1    | 1.65  | 5.4    | 2.03 | 5.6    | 2.99  | 5.6    |      |      |     |
|     | 2420 |        | 1906  |        | 1906 |        | 2500  |        |      |      |     |
|     | 平均   | 0.28   | 3.7   | 0.43   | 4.7  | 0.54   | 4.9   | 0.73   | 4.9  |      |     |

波浪整理表（1）

2021年10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  | 361 回 |
| 欠測回数  | 0 回   | 欠測回数  | 11 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 01 | 00 | 0.59         | 3.6          | 0.95        | 4.1         | 1.17         | 4.0          | 1.57        | 3.5         | NNE  | 29  |
|    | 02 | 0.61         | 3.8          | 0.94        | 4.1         | 1.16         | 4.1          | 1.56        | 4.5         | N    | 8   |
|    | 04 | 0.54         | 3.7          | 0.84        | 4.3         | 1.04         | 4.2          | 1.34        | 4.2         | NNE  | 20  |
|    | 06 | 0.60         | 4.0          | 0.95        | 4.6         | 1.23         | 4.6          | 1.74        | 4.5         | NNE  | 25  |
|    | 08 | 0.77         | 4.1          | 1.20        | 4.8         | 1.49         | 4.7          | 2.30        | 4.6         | NNE  | 25  |
|    | 10 | 0.87         | 4.3          | 1.39        | 5.0         | 1.77         | 5.1          | * 2.52      | 5.7         | NNE  | 12  |
|    | 12 | 0.88         | 4.3          | 1.39        | 5.2         | 1.70         | 5.1          | 2.46        | 4.9         | NNE  | 20  |
|    | 14 | 0.87         | 4.4          | 1.38        | 5.2         | 1.70         | 5.3          | 2.34        | 5.3         | NNE  | 29  |
|    | 16 | * 0.97       | 4.5          | * 1.48      | 5.2         | * 1.85       | 4.9          | 2.48        | 4.3         | NNE  | 25  |
|    | 18 | 0.69         | 4.1          | 1.07        | 4.9         | 1.29         | 4.8          | 1.61        | 5.2         | NNE  | 20  |
|    | 20 | 0.53         | 3.9          | 0.85        | 4.6         | 1.08         | 4.6          | 1.57        | 4.4         | NNE  | 33  |
|    | 22 | 0.55         | 3.8          | 0.87        | 4.6         | 1.11         | 4.8          | 1.42        | 4.6         | N    | 8   |
|    | 最大 | 0.97         | 4.5          | 1.48        | 5.2         | 1.85         | 4.9          | 2.52        | 5.7         |      |     |
|    | 平均 | 0.71         | 4.0          | 1.11        | 4.7         | 1.38         | 4.7          | 1.91        | 4.6         |      |     |
| 02 | 00 | * 0.49       | 3.8          | * 0.75      | 4.6         | * 0.92       | 4.5          | 1.22        | 3.7         | N    | 356 |
|    | 02 | 0.44         | 3.7          | 0.70        | 4.5         | 0.87         | 4.5          | * 1.25      | 3.6         | NE   | 41  |
|    | 04 | 0.40         | 3.8          | 0.61        | 4.6         | 0.77         | 4.8          | 1.06        | 4.1         | NNE  | 20  |
|    | 06 | 0.36         | 3.8          | 0.56        | 4.5         | 0.70         | 4.4          | 0.94        | 3.9         | NE   | 37  |
|    | 08 | 0.35         | 4.3          | 0.54        | 5.2         | 0.69         | 5.2          | 0.85        | 5.3         | NE   | 37  |
|    | 10 | 0.36         | 4.5          | 0.57        | 5.3         | 0.70         | 5.4          | 0.92        | 4.8         | NNE  | 12  |
|    | 12 | 0.36         | 4.6          | 0.54        | 5.3         | 0.66         | 5.2          | 0.84        | 4.9         | N    | 8   |
|    | 14 | 0.30         | 4.5          | 0.47        | 5.5         | 0.61         | 5.4          | 0.90        | 5.6         | NNE  | 12  |
|    | 16 | 0.42         | 3.3          | 0.64        | 3.9         | 0.79         | 3.9          | 1.02        | 3.5         | N    | 0   |
|    | 18 | 0.23         | 3.7          | 0.35        | 4.9         | 0.42         | 5.2          | 0.57        | 5.0         | NNE  | 25  |
|    | 20 | 0.22         | 4.5          | 0.33        | 5.5         | 0.42         | 5.6          | 0.57        | 5.5         | N    | 0   |
|    | 22 | 0.24         | 4.8          | 0.38        | 5.7         | 0.49         | 5.6          | 0.67        | 5.6         | NNE  | 16  |
|    | 最大 | 0.49         | 3.8          | 0.75        | 4.6         | 0.92         | 4.5          | 1.25        | 3.6         |      |     |
|    | 平均 | 0.35         | 4.1          | 0.54        | 5.0         | 0.67         | 5.0          | 0.90        | 4.6         |      |     |
| 03 | 00 | 0.16         | 4.3          | 0.25        | 5.6         | 0.32         | 5.7          | 0.39        | 5.9         | NNE  | 25  |
|    | 02 | 0.13         | 4.3          | 0.21        | 5.6         | 0.27         | 5.8          | 0.35        | 5.9         | NNE  | 20  |
|    | 04 | 0.14         | 4.4          | 0.22        | 6.1         | 0.28         | 6.1          | 0.43        | 5.9         | N    | 0   |
|    | 06 | 0.16         | 4.3          | 0.26        | 5.9         | 0.33         | 5.7          | 0.44        | 5.2         | NNW  | 348 |
|    | 08 | 0.20         | 4.7          | 0.31        | 5.7         | 0.39         | 5.8          | 0.49        | 5.6         | NNE  | 16  |
|    | 10 | 0.22         | 4.7          | 0.36        | 5.8         | 0.43         | 5.8          | 0.52        | 5.5         | NNE  | 33  |
|    | 12 | * 0.26       | 4.9          | * 0.41      | 5.8         | * 0.51       | 5.8          | 0.64        | 5.4         | NNE  | 20  |
|    | 14 | 0.25         | 4.8          | 0.39        | 5.8         | 0.47         | 5.8          | 0.59        | 5.8         | NNE  | 16  |
|    | 16 | 0.26         | 3.3          | 0.40        | 4.5         | 0.51         | 4.8          | * 0.69      | 6.4         | NNE  | 29  |
|    | 18 | 0.26         | 3.7          | 0.41        | 5.5         | 0.50         | 5.8          | 0.66        | 5.1         | NNE  | 29  |
|    | 20 | 0.23         | 5.1          | 0.38        | 6.6         | 0.47         | 6.6          | 0.60        | 6.5         | N    | 356 |
|    | 22 | 0.22         | 5.4          | 0.35        | 6.5         | 0.42         | 6.5          | 0.57        | 6.6         | NNE  | 29  |
|    | 最大 | 0.26         | 4.9          | 0.41        | 5.8         | 0.51         | 5.8          | 0.69        | 6.4         |      |     |
|    | 平均 | 0.21         | 4.5          | 0.33        | 5.8         | 0.41         | 5.8          | 0.53        | 5.8         |      |     |
| 04 | 00 | 0.15         | 4.0          | 0.24        | 6.0         | 0.30         | 6.8          | 0.40        | 6.5         | N    | 0   |
|    | 02 | * 0.20       | 2.9          | * 0.32      | 4.0         | * 0.40       | 4.0          | * 0.54      | 5.6         | NNE  | 29  |
|    | 04 | 0.14         | 3.0          | 0.21        | 4.2         | 0.27         | 4.5          | 0.33        | 3.7         | NE   | 37  |
|    | 06 | 0.15         | 2.6          | 0.23        | 3.7         | 0.30         | 4.3          | 0.41        | 2.3         | NNE  | 12  |
|    | 08 | 0.15         | 2.9          | 0.23        | 4.2         | 0.30         | 4.7          | 0.44        | 6.3         | NNE  | 12  |
|    | 10 | 0.12         | 3.3          | 0.19        | 4.7         | 0.25         | 4.9          | 0.51        | 4.1         | NE   | 53  |
|    | 12 | 0.09         | 3.3          | 0.14        | 4.8         | 0.18         | 5.9          | 0.24        | 5.0         | NNE  | 16  |
|    | 14 | 0.09         | 2.9          | 0.13        | 4.0         | 0.17         | 5.0          | 0.25        | 2.9         | E    | 90  |
|    | 16 | 0.14         | 2.4          | 0.21        | 2.6         | 0.26         | 2.4          | 0.37        | 2.5         | NNE  | 26  |
|    | 18 | 0.13         | 2.4          | 0.20        | 2.7         | 0.25         | 2.5          | 0.33        | 2.6         | NNW  | 344 |
|    | 20 | 0.08         | 3.1          | 0.12        | 4.2         | 0.14         | 4.7          | 0.18        | 3.2         | W    | 278 |
|    | 22 | 0.08         | 3.0          | 0.12        | 4.1         | 0.15         | 4.7          | 0.19        | 5.8         | 欠測   | 欠測  |
|    | 最大 | 0.20         | 2.9          | 0.32        | 4.0         | 0.40         | 4.0          | 0.54        | 5.6         |      |     |
|    | 平均 | 0.13         | 3.0          | 0.20        | 4.1         | 0.25         | 4.5          | 0.35        | 4.2         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年10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  | 361 回 |
| 欠測回数  | 0 回   | 欠測回数  | 11 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時   | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-------|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|       |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 05 00 | 0.08         | 3.0          | 0.11        | 4.3         | 0.14         | 5.1          | 0.19        | 5.3         | 欠測   | 欠測  |
|       | 0.09         | 2.9          | 0.13        | 4.1         | 0.16         | 4.5          | 0.19        | 7.8         | 欠測   | 欠測  |
|       | 0.07         | 2.7          | 0.11        | 3.7         | 0.14         | 4.3          | 0.21        | 6.7         | NNE  | 12  |
|       | 0.08         | 2.7          | 0.12        | 3.8         | 0.15         | 4.9          | 0.34        | 3.8         | ENE  | 70  |
|       | 0.08         | 2.7          | 0.12        | 3.9         | 0.14         | 4.7          | 0.22        | 10.4        | NE   | 37  |
|       | 0.07         | 3.0          | 0.11        | 4.5         | 0.13         | 5.0          | 0.18        | 6.0         | 欠測   | 欠測  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.10         | 2.5          | 0.15        | 3.1         | 0.18         | 3.5          | 0.26        | 9.7         | N    | 3   |
|       | 0.21         | 2.4          | 0.32        | 2.5         | 0.42         | 2.5          | 0.54        | 2.8         | NE   | 49  |
|       | * 0.28       | 2.6          | * 0.43      | 2.8         | * 0.54       | 2.7          | * 0.95      | 2.3         | ENE  | 58  |
| 最大平均  | 0.21         | 2.4          | 0.33        | 2.5         | 0.41         | 2.5          | 0.71        | 2.4         | ENE  | 62  |
|       | 0.13         | 2.4          | 0.19        | 2.8         | 0.24         | 2.9          | 0.38        | 2.0         | N    | 354 |
|       | 0.09         | 2.9          | 0.13        | 3.8         | 0.15         | 4.4          | 0.22        | 3.7         | N    | 4   |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.28         | 2.6          | 0.43        | 2.8         | 0.54         | 2.7          | 0.95        | 2.3         |      |     |
|       | 0.12         | 2.7          | 0.19        | 3.5         | 0.23         | 3.9          | 0.37        | 5.2         |      |     |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.07         | 3.0          | 0.11        | 4.1         | 0.14         | 5.4          | 0.18        | 8.4         | 欠測   | 欠測  |
|       | 0.08         | 2.8          | 0.12        | 4.0         | 0.15         | 4.8          | 0.21        | 7.2         | ENE  | 74  |
|       | 0.15         | 5.3          | 0.27        | 7.7         | 0.34         | 7.9          | 0.46        | 7.7         | N    | 4   |
| 06 00 | 0.26         | 3.8          | 0.42        | 5.2         | 0.53         | 5.7          | 0.64        | 6.7         | NNE  | 16  |
|       | 0.61         | 3.8          | 0.95        | 4.5         | 1.19         | 4.6          | 1.87        | 4.3         | NNE  | 16  |
|       | 0.59         | 4.1          | 0.93        | 4.8         | 1.15         | 4.8          | 1.31        | 4.1         | NNE  | 20  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.65         | 4.0          | 1.01        | 4.7         | 1.27         | 4.6          | 1.75        | 4.8         | NNE  | 12  |
|       | 0.65         | 4.2          | 1.02        | 4.9         | 1.27         | 4.7          | 1.75        | 5.1         | NNE  | 20  |
|       | 0.69         | 4.2          | 1.05        | 5.1         | 1.28         | 5.1          | 1.81        | 3.5         | N    | 356 |
|       | 0.71         | 4.3          | 1.11        | 5.4         | 1.38         | 5.4          | 1.62        | 7.7         | NNE  | 12  |
|       | * 0.74       | 4.4          | * 1.15      | 5.6         | * 1.42       | 5.8          | 1.92        | 6.2         | NNE  | 12  |
|       | 0.68         | 4.6          | 1.06        | 5.7         | 1.35         | 5.6          | * 1.99      | 5.5         | NNE  | 25  |
| 最大平均  | 0.74         | 4.4          | 1.15        | 5.6         | 1.42         | 5.8          | 1.99        | 5.5         |      |     |
|       | 0.49         | 4.0          | 0.77        | 5.1         | 0.96         | 5.4          | 1.29        | 5.9         |      |     |
|       |              |              |             |             |              |              |             |             |      |     |
|       | * 0.58       | 4.8          | * 0.90      | 6.0         | * 1.15       | 6.3          | * 1.80      | 5.8         | NNE  | 20  |
|       | 0.53         | 4.9          | 0.83        | 5.9         | 1.04         | 5.6          | 1.64        | 5.2         | NNE  | 16  |
|       | 0.47         | 4.9          | 0.73        | 6.1         | 0.92         | 6.1          | 1.24        | 4.8         | NNE  | 16  |
|       | 0.38         | 4.6          | 0.60        | 5.5         | 0.77         | 5.9          | 1.05        | 6.9         | NNE  | 16  |
|       | 0.32         | 4.3          | 0.49        | 5.1         | 0.59         | 5.2          | 0.73        | 5.2         | NE   | 45  |
|       | 0.28         | 3.7          | 0.45        | 4.5         | 0.55         | 4.9          | 0.78        | 4.6         | NNE  | 20  |
|       |              |              |             |             |              |              |             |             |      |     |
| 07 00 | 0.29         | 4.4          | 0.44        | 5.7         | 0.53         | 6.0          | 0.69        | 4.7         | NNE  | 25  |
|       | 0.30         | 4.6          | 0.48        | 6.1         | 0.60         | 6.5          | 1.10        | 7.3         | NE   | 37  |
|       | 0.29         | 4.3          | 0.47        | 5.9         | 0.57         | 6.0          | 0.78        | 5.9         | NNE  | 12  |
|       | 0.27         | 4.6          | 0.42        | 5.9         | 0.53         | 5.7          | 0.68        | 6.4         | N    | 4   |
|       | 0.25         | 4.6          | 0.39        | 5.6         | 0.49         | 5.7          | 0.75        | 5.1         | NNE  | 20  |
|       | 0.22         | 4.5          | 0.37        | 5.8         | 0.47         | 6.2          | 0.68        | 5.8         | NNE  | 25  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.58         | 4.8          | 0.90        | 6.0         | 1.15         | 6.3          | 1.80        | 5.8         |      |     |
|       | 0.35         | 4.5          | 0.55        | 5.7         | 0.68         | 5.8          | 0.99        | 5.6         |      |     |
|       |              |              |             |             |              |              |             |             |      |     |
| 08 00 | 0.18         | 4.4          | 0.28        | 5.6         | 0.35         | 6.0          | 0.49        | 6.0         | N    | 8   |
|       | 0.15         | 4.2          | 0.23        | 5.6         | 0.29         | 5.8          | 0.42        | 5.7         | NNE  | 16  |
|       | 0.12         | 4.0          | 0.20        | 5.6         | 0.26         | 5.9          | 0.36        | 6.1         | NE   | 49  |
|       | 0.11         | 3.8          | 0.17        | 5.6         | 0.21         | 6.2          | 0.26        | 7.0         | NW   | 323 |
|       | 0.10         | 3.6          | 0.15        | 5.6         | 0.18         | 6.2          | 0.23        | 6.5         | NE   | 37  |
|       | 0.09         | 3.7          | 0.14        | 5.2         | 0.17         | 5.5          | 0.26        | 4.9         | NNE  | 20  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.09         | 3.3          | 0.13        | 5.2         | 0.16         | 6.3          | 0.19        | 6.0         | ENE  | 61  |
|       | 0.12         | 2.6          | 0.19        | 3.5         | 0.25         | 4.1          | 0.38        | 4.2         | N    | 352 |
|       | 0.21         | 2.6          | 0.32        | 3.0         | 0.40         | 2.9          | 0.54        | 2.6         | E    | 80  |
| 最大平均  | 0.37         | 3.2          | 0.58        | 3.6         | 0.73         | 3.3          | 0.91        | 3.1         | NNE  | 25  |
|       | * 0.45       | 3.3          | * 0.67      | 3.7         | * 0.82       | 3.6          | * 1.06      | 3.4         | ENE  | 74  |
|       | 0.40         | 3.3          | 0.61        | 3.8         | 0.76         | 3.8          | 0.95        | 3.3         | N    | 8   |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.45         | 3.3          | 0.67        | 3.7         | 0.82         | 3.6          | 1.06        | 3.4         |      |     |
|       | 0.20         | 3.5          | 0.31        | 4.7         | 0.38         | 5.0          | 0.50        | 4.9         |      |     |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.18         | 4.4          | 0.28        | 5.6         | 0.35         | 6.0          | 0.49        | 6.0         | N    | 8   |
|       | 0.15         | 4.2          | 0.23        | 5.6         | 0.29         | 5.8          | 0.42        | 5.7         | NNE  | 16  |
|       | 0.12         | 4.0          | 0.20        | 5.6         | 0.26         | 5.9          | 0.36        | 6.1         | NE   | 49  |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年10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  | 361 回 |
| 欠測回数  | 0 回   | 欠測回数  | 11 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 09 | 00 | 0.40         | 3.5          | 0.62        | 3.9         | 0.79         | 3.9          | 1.24        | 3.6         | NNE  | 25  |
|    | 02 | 0.43         | 3.4          | 0.67        | 3.9         | 0.81         | 4.1          | 0.96        | 3.5         | NNE  | 33  |
|    | 04 | 0.52         | 3.8          | 0.78        | 4.1         | 0.95         | 4.2          | 1.32        | 4.1         | N    | 8   |
|    | 06 | 0.47         | 3.7          | 0.73        | 4.4         | 0.89         | 4.3          | 1.20        | 4.3         | NNE  | 16  |
|    | 08 | 0.56         | 3.8          | 0.88        | 4.3         | 1.12         | 4.3          | 1.51        | 4.7         | NNE  | 20  |
|    | 10 | * 0.72       | 4.0          | * 1.15      | 4.8         | * 1.46       | 4.8          | * 1.86      | 4.6         | NNE  | 16  |
|    | 12 | 0.70         | 4.1          | 1.11        | 4.9         | 1.39         | 5.0          | 1.76        | 4.5         | NNE  | 33  |
|    | 14 | 0.65         | 3.9          | 1.02        | 4.6         | 1.31         | 4.6          | 1.61        | 5.2         | NNE  | 33  |
|    | 16 | 0.55         | 3.7          | 0.84        | 4.3         | 1.05         | 4.3          | 1.32        | 4.6         | NNE  | 29  |
|    | 18 | 0.48         | 3.6          | 0.75        | 4.0         | 0.99         | 4.0          | 1.65        | 3.9         | NNE  | 33  |
|    | 20 | 0.39         | 3.6          | 0.60        | 4.1         | 0.75         | 3.9          | 1.02        | 4.3         | NE   | 41  |
|    | 22 | 0.32         | 3.8          | 0.50        | 4.4         | 0.64         | 4.5          | 0.82        | 3.8         | NNE  | 12  |
|    | 最大 | 0.72         | 4.0          | 1.15        | 4.8         | 1.46         | 4.8          | 1.86        | 4.6         |      |     |
|    | 平均 | 0.52         | 3.7          | 0.80        | 4.3         | 1.01         | 4.3          | 1.36        | 4.3         |      |     |
| 10 | 00 | * 0.34       | 4.3          | * 0.53      | 4.8         | 0.64         | 4.7          | 0.85        | 4.4         | NNE  | 20  |
|    | 02 | 0.33         | 4.4          | 0.51        | 5.0         | * 0.67       | 4.8          | * 0.97      | 4.9         | NNE  | 25  |
|    | 04 | 0.29         | 4.4          | 0.46        | 4.9         | 0.59         | 4.9          | 0.76        | 4.6         | N    | 8   |
|    | 06 | 0.27         | 3.9          | 0.45        | 4.9         | 0.59         | 5.1          | 0.84        | 5.3         | NNE  | 29  |
|    | 08 | 0.27         | 4.1          | 0.43        | 5.0         | 0.54         | 5.0          | 0.79        | 5.3         | NNE  | 20  |
|    | 10 | 0.24         | 4.1          | 0.38        | 5.3         | 0.48         | 5.3          | 0.70        | 5.8         | NE   | 37  |
|    | 12 | 0.20         | 4.2          | 0.31        | 5.0         | 0.38         | 5.0          | 0.53        | 5.5         | NNE  | 29  |
|    | 14 | 0.15         | 3.8          | 0.25        | 5.0         | 0.30         | 4.8          | 0.37        | 5.0         | NE   | 41  |
|    | 16 | 0.14         | 3.4          | 0.22        | 4.5         | 0.27         | 5.0          | 0.37        | 4.4         | NNE  | 20  |
|    | 18 | 0.12         | 3.4          | 0.19        | 4.6         | 0.23         | 5.0          | 0.33        | 5.7         | NE   | 41  |
|    | 20 | 0.10         | 3.8          | 0.15        | 5.1         | 0.19         | 5.3          | 0.26        | 5.8         | NNE  | 16  |
|    | 22 | 0.10         | 2.4          | 0.16        | 3.1         | 0.21         | 3.2          | 0.27        | 2.9         | NNE  | 26  |
|    | 最大 | 0.34         | 4.3          | 0.53        | 4.8         | 0.67         | 4.8          | 0.97        | 4.9         |      |     |
|    | 平均 | 0.21         | 3.8          | 0.34        | 4.8         | 0.42         | 4.8          | 0.59        | 5.0         |      |     |
| 11 | 00 | 0.13         | 2.2          | 0.20        | 2.4         | 0.26         | 2.2          | 0.38        | 2.0         | WNW  | 302 |
|    | 02 | 0.17         | 2.1          | 0.27        | 2.1         | 0.36         | 2.0          | 0.59        | 1.9         | WNW  | 286 |
|    | 04 | 0.14         | 2.1          | 0.22        | 2.2         | 0.29         | 2.1          | 0.44        | 1.8         | NE   | 36  |
|    | 06 | 0.13         | 2.1          | 0.21        | 2.3         | 0.27         | 2.1          | 0.43        | 1.8         | NNW  | 347 |
|    | 08 | 0.14         | 2.1          | 0.20        | 2.2         | 0.26         | 2.0          | 0.37        | 2.2         | W    | 279 |
|    | 10 | 0.11         | 2.1          | 0.17        | 2.3         | 0.22         | 2.2          | 0.36        | 1.7         | E    | 84  |
|    | 12 | 0.08         | 2.4          | 0.11        | 3.1         | 0.14         | 3.0          | 0.21        | 3.5         | NE   | 48  |
|    | 14 | 0.57         | 3.3          | 0.89        | 3.6         | 1.16         | 3.5          | * 2.06      | 3.4         | ENE  | 61  |
|    | 16 | * 0.77       | 3.8          | * 1.25      | 4.6         | * 1.57       | 4.6          | 1.94        | 4.3         | N    | 4   |
|    | 18 | 0.75         | 4.0          | 1.16        | 4.7         | 1.46         | 4.8          | 2.00        | 4.2         | NNE  | 16  |
|    | 20 | 0.71         | 3.9          | 1.09        | 4.7         | 1.35         | 4.8          | 1.97        | 5.8         | NNE  | 12  |
|    | 22 | 0.66         | 4.0          | 1.02        | 4.6         | 1.25         | 4.7          | 1.54        | 4.9         | NNE  | 16  |
|    | 最大 | 0.77         | 3.8          | 1.25        | 4.6         | 1.57         | 4.6          | 2.06        | 3.4         |      |     |
|    | 平均 | 0.36         | 2.8          | 0.57        | 3.2         | 0.72         | 3.2          | 1.02        | 3.1         |      |     |
| 12 | 00 | 0.55         | 3.6          | 0.88        | 4.4         | 1.13         | 4.4          | 1.54        | 3.9         | NE   | 37  |
|    | 02 | 0.56         | 3.7          | 0.89        | 4.4         | 1.10         | 4.3          | 1.44        | 4.7         | NE   | 45  |
|    | 04 | 0.66         | 3.8          | 1.05        | 4.5         | 1.31         | 4.4          | 1.83        | 4.4         | NE   | 37  |
|    | 06 | 0.69         | 4.1          | 1.05        | 4.6         | 1.29         | 4.6          | 1.99        | 4.1         | NNE  | 16  |
|    | 08 | * 0.75       | 4.1          | * 1.19      | 4.8         | * 1.49       | 4.8          | * 2.15      | 4.9         | NNE  | 20  |
|    | 10 | 0.72         | 4.2          | 1.11        | 4.9         | 1.44         | 5.0          | 1.80        | 5.1         | NNE  | 16  |
|    | 12 | 0.64         | 4.0          | 1.03        | 4.7         | 1.31         | 4.5          | 1.73        | 4.1         | N    | 4   |
|    | 14 | 0.72         | 4.0          | 1.09        | 4.6         | 1.34         | 4.6          | 1.62        | 3.2         | NE   | 45  |
|    | 16 | 0.54         | 3.7          | 0.87        | 4.4         | 1.12         | 4.3          | 1.68        | 4.0         | NNE  | 33  |
|    | 18 | 0.44         | 3.7          | 0.71        | 4.3         | 0.91         | 4.4          | 1.37        | 4.2         | N    | 8   |
|    | 20 | 0.42         | 3.7          | 0.67        | 4.1         | 0.83         | 4.2          | 1.41        | 4.2         | NNE  | 25  |
|    | 22 | 0.42         | 3.9          | 0.64        | 4.5         | 0.80         | 4.4          | 1.00        | 4.9         | NE   | 41  |
|    | 最大 | 0.75         | 4.1          | 1.19        | 4.8         | 1.49         | 4.8          | 2.15        | 4.9         |      |     |
|    | 平均 | 0.59         | 3.9          | 0.93        | 4.5         | 1.17         | 4.5          | 1.63        | 4.3         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

| 2021年10月                             |    |              |              |             |             |              |              |             |             |      |     |
|--------------------------------------|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|                                      |    |              |              |             |             |              |              |             |             |      |     |
| 機種：波向 海象計 - 20.9 m                   |    |              |              |             |             |              |              |             |             |      |     |
| 観測所：伏木富山港富山地区                        |    |              |              |             |             |              |              |             |             |      |     |
| 機種：波高 海象計 - 20.9 m                   |    |              |              |             |             |              |              |             |             |      |     |
| 緯度：N 36° -46' -40 経度：E 137° -12' -18 |    |              |              |             |             |              |              |             |             |      |     |
| 日                                    | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|                                      |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 13                                   | 00 | 0.49         | 3.9          | 0.79        | 4.4         | 0.98         | 4.6          | 1.30        | 4.4         | NNE  | 33  |
|                                      | 02 | 0.58         | 4.0          | 0.92        | 4.6         | 1.17         | 4.6          | 1.48        | 4.3         | N    | 8   |
|                                      | 04 | * 0.66       | 3.9          | * 1.01      | 4.4         | * 1.23       | 4.4          | * 1.62      | 4.3         | NNE  | 33  |
|                                      | 06 | 0.59         | 3.9          | 0.92        | 4.5         | 1.13         | 4.6          | 1.44        | 4.6         | NE   | 37  |
|                                      | 08 | 0.51         | 3.5          | 0.79        | 4.1         | 1.02         | 4.2          | 1.54        | 4.4         | NNE  | 16  |
|                                      | 10 | 0.46         | 3.6          | 0.73        | 4.4         | 0.93         | 4.2          | 1.30        | 3.9         | NNE  | 20  |
|                                      | 12 | 0.40         | 3.8          | 0.60        | 4.5         | 0.74         | 4.6          | 1.05        | 4.4         | NNE  | 33  |
|                                      | 14 | 0.38         | 3.8          | 0.58        | 4.5         | 0.71         | 4.6          | 0.87        | 5.1         | NNE  | 20  |
|                                      | 16 | 0.34         | 3.5          | 0.52        | 4.2         | 0.63         | 4.4          | 0.85        | 4.8         | NNE  | 29  |
|                                      | 18 | 0.30         | 3.6          | 0.46        | 4.3         | 0.55         | 4.2          | 0.68        | 3.3         | NNE  | 12  |
|                                      | 20 | 0.22         | 3.9          | 0.34        | 4.9         | 0.42         | 5.7          | 0.54        | 4.2         | NNE  | 16  |
|                                      | 22 | 0.18         | 4.1          | 0.27        | 5.4         | 0.33         | 6.2          | 0.40        | 5.0         | NNE  | 16  |
|                                      | 最大 | 0.66         | 3.9          | 1.01        | 4.4         | 1.23         | 4.4          | 1.62        | 4.3         |      |     |
|                                      | 平均 | 0.43         | 3.8          | 0.66        | 4.5         | 0.82         | 4.7          | 1.09        | 4.4         |      |     |
| 14                                   | 00 | 0.18         | 4.0          | 0.28        | 5.3         | 0.34         | 6.0          | 0.45        | 5.7         | N    | 4   |
|                                      | 02 | 0.20         | 4.5          | 0.31        | 5.6         | 0.38         | 5.8          | 0.48        | 5.8         | N    | 4   |
|                                      | 04 | 0.21         | 4.4          | 0.33        | 5.5         | 0.43         | 5.6          | 0.59        | 5.1         | NE   | 49  |
|                                      | 06 | 0.23         | 4.4          | * 0.37      | 5.3         | * 0.46       | 5.4          | * 0.71      | 5.3         | NE   | 41  |
|                                      | 08 | 0.22         | 4.4          | 0.35        | 5.6         | 0.42         | 5.8          | 0.48        | 6.3         | NE   | 45  |
|                                      | 10 | 0.23         | 4.4          | 0.36        | 5.8         | 0.45         | 5.9          | 0.57        | 5.0         | NNE  | 29  |
|                                      | 12 | * 0.23       | 4.8          | 0.36        | 5.7         | 0.44         | 5.7          | 0.60        | 5.7         | N    | 4   |
|                                      | 14 | 0.19         | 4.3          | 0.30        | 5.5         | 0.38         | 5.9          | 0.53        | 5.3         | N    | 352 |
|                                      | 16 | 0.16         | 3.7          | 0.25        | 5.2         | 0.30         | 5.3          | 0.42        | 5.8         | NE   | 37  |
|                                      | 18 | 0.15         | 3.6          | 0.25        | 5.2         | 0.33         | 5.6          | 0.43        | 5.9         | NNE  | 12  |
|                                      | 20 | 0.14         | 3.1          | 0.22        | 4.3         | 0.27         | 4.7          | 0.35        | 4.9         | NE   | 41  |
|                                      | 22 | 0.12         | 3.6          | 0.19        | 4.9         | 0.23         | 4.9          | 0.33        | 4.1         | NNE  | 20  |
|                                      | 最大 | 0.23         | 4.8          | 0.37        | 5.3         | 0.46         | 5.4          | 0.71        | 5.3         |      |     |
|                                      | 平均 | 0.19         | 4.1          | 0.30        | 5.3         | 0.37         | 5.6          | 0.49        | 5.4         |      |     |
| 15                                   | 00 | 0.12         | 3.8          | 0.19        | 5.4         | 0.24         | 5.6          | 0.33        | 4.9         | NNW  | 340 |
|                                      | 02 | 0.11         | 3.8          | 0.18        | 5.3         | 0.23         | 5.6          | 0.33        | 5.6         | ENE  | 65  |
|                                      | 04 | 0.10         | 3.5          | 0.15        | 4.8         | 0.19         | 5.2          | 0.24        | 5.5         | ENE  | 65  |
|                                      | 06 | 0.09         | 3.4          | 0.14        | 4.8         | 0.17         | 4.9          | 0.21        | 6.8         | NE   | 49  |
|                                      | 08 | 0.09         | 3.0          | 0.13        | 4.3         | 0.15         | 4.8          | 0.22        | 5.5         | NNE  | 25  |
|                                      | 10 | 0.07         | 2.9          | 0.11        | 3.8         | 0.13         | 3.8          | 0.22        | 2.3         | WNW  | 299 |
|                                      | 12 | 0.08         | 3.6          | 0.13        | 4.7         | 0.15         | 5.0          | 0.18        | 5.1         | N    | 0   |
|                                      | 14 | 0.08         | 3.1          | 0.12        | 4.3         | 0.15         | 4.6          | 0.19        | 3.7         | 欠測   | 欠測  |
|                                      | 16 | 0.07         | 3.1          | 0.11        | 4.2         | 0.13         | 4.1          | 0.18        | 7.8         | NNE  | 25  |
|                                      | 18 | 0.07         | 3.5          | 0.09        | 4.3         | 0.12         | 4.5          | 0.15        | 6.3         | 欠測   | 欠測  |
|                                      | 20 | 0.11         | 2.4          | 0.17        | 2.8         | 0.22         | 2.8          | 0.38        | 2.1         | ENE  | 67  |
|                                      | 22 | * 0.19       | 2.8          | * 0.28      | 3.0         | * 0.35       | 2.8          | * 0.50      | 3.2         | WNW  | 284 |
|                                      | 最大 | 0.19         | 2.8          | 0.28        | 3.0         | 0.35         | 2.8          | 0.50        | 3.2         |      |     |
|                                      | 平均 | 0.10         | 3.2          | 0.15        | 4.3         | 0.19         | 4.5          | 0.26        | 4.9         |      |     |
| 16                                   | 00 | 0.34         | 3.2          | 0.54        | 3.6         | 0.69         | 3.5          | 1.04        | 3.7         | NW   | 319 |
|                                      | 02 | 0.30         | 3.6          | 0.46        | 4.0         | 0.57         | 3.9          | 0.74        | 4.3         | NNE  | 16  |
|                                      | 04 | 0.25         | 3.5          | 0.37        | 4.1         | 0.46         | 4.1          | 0.65        | 5.3         | NE   | 45  |
|                                      | 06 | 0.26         | 3.9          | 0.39        | 4.4         | 0.49         | 4.5          | 0.61        | 4.4         | NE   | 37  |
|                                      | 08 | 0.29         | 4.1          | 0.44        | 4.5         | 0.55         | 4.4          | 0.70        | 4.5         | NE   | 37  |
|                                      | 10 | 0.27         | 4.0          | 0.42        | 4.8         | 0.53         | 5.0          | 0.68        | 5.1         | N    | 8   |
|                                      | 12 | 0.31         | 4.4          | 0.48        | 5.0         | 0.60         | 5.0          | 0.74        | 5.4         | NNE  | 29  |
|                                      | 14 | 0.42         | 4.7          | 0.66        | 5.2         | 0.83         | 5.3          | 0.98        | 5.4         | NNE  | 29  |
|                                      | 16 | 0.43         | 4.7          | 0.65        | 5.5         | 0.81         | 5.5          | 1.08        | 5.4         | NNE  | 25  |
|                                      | 18 | 0.43         | 4.2          | 0.68        | 5.4         | 0.85         | 5.5          | 1.27        | 4.9         | NNE  | 25  |
|                                      | 20 | * 0.57       | 3.4          | * 0.88      | 4.0         | * 1.09       | 4.0          | * 1.46      | 3.7         | NE   | 41  |
|                                      | 22 | 0.47         | 4.0          | 0.74        | 4.5         | 0.90         | 4.7          | 1.25        | 4.8         | NNE  | 25  |
|                                      | 最大 | 0.57         | 3.4          | 0.88        | 4.0         | 1.09         | 4.0          | 1.46        | 3.7         |      |     |
|                                      | 平均 | 0.36         | 4.0          | 0.56        | 4.6         | 0.70         | 4.6          | 0.93        | 4.7         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年10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  | 361 回 |
| 欠測回数  | 0 回   | 欠測回数  | 11 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 17 | 00 | 0.34         | 4.3          | 0.54        | 5.3         | 0.67         | 5.1          | 0.91        | 5.3         | N    | 4   |
|    | 02 | 0.27         | 4.1          | 0.44        | 5.3         | 0.56         | 5.7          | 0.76        | 6.6         | NNE  | 29  |
|    | 04 | 0.70         | 3.6          | 1.12        | 4.1         | 1.46         | 4.1          | 1.90        | 4.2         | NNE  | 16  |
|    | 06 | 1.05         | 4.5          | 1.64        | 5.2         | 2.05         | 5.2          | 2.69        | 5.0         | NNE  | 12  |
|    | 08 | * 1.06       | 4.6          | * 1.69      | 5.3         | * 2.14       | 5.3          | 2.63        | 4.4         | NNE  | 16  |
|    | 10 | 0.96         | 4.6          | 1.49        | 5.4         | 1.91         | 5.3          | 2.78        | 5.4         | N    | 8   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.95         | 4.5          | 1.51        | 5.2         | 1.97         | 5.2          | * 2.89      | 5.2         | NNE  | 25  |
|    | 14 | 1.00         | 4.7          | 1.50        | 5.5         | 1.85         | 5.3          | 2.57        | 5.5         | NNE  | 20  |
|    | 16 | 0.96         | 4.8          | 1.52        | 6.0         | 1.84         | 6.4          | 2.30        | 5.9         | N    | 8   |
|    | 18 | 0.93         | 4.9          | 1.47        | 6.4         | 1.82         | 6.8          | 2.46        | 7.5         | NNE  | 12  |
|    | 20 | 0.80         | 4.7          | 1.21        | 6.0         | 1.54         | 6.1          | 1.92        | 5.2         | N    | 8   |
|    | 22 | 0.71         | 5.2          | 1.10        | 6.3         | 1.36         | 6.6          | 1.67        | 7.4         | NNE  | 25  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 1.06         | 4.6          | 1.69        | 5.3         | 2.14         | 5.3          | 2.89        | 5.2         |      |     |
|    | 平均 | 0.81         | 4.5          | 1.27        | 5.5         | 1.60         | 5.6          | 2.12        | 5.6         |      |     |
| 18 | 00 | * 0.59       | 5.2          | * 0.94      | 6.7         | * 1.19       | 7.4          | * 1.59      | 5.7         | N    | 8   |
|    | 02 | 0.52         | 5.4          | 0.82        | 7.2         | 0.99         | 7.5          | 1.41        | 6.8         | N    | 4   |
|    | 04 | 0.46         | 5.0          | 0.75        | 7.0         | 0.94         | 7.1          | 1.24        | 9.1         | NNE  | 12  |
|    | 06 | 0.49         | 6.2          | 0.75        | 7.7         | 0.92         | 7.1          | 1.26        | 6.8         | N    | 4   |
|    | 08 | 0.39         | 5.5          | 0.64        | 7.5         | 0.83         | 7.8          | 1.12        | 9.5         | NNE  | 12  |
|    | 10 | 0.45         | 5.8          | 0.72        | 7.8         | 0.89         | 8.1          | 1.04        | 8.2         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.38         | 4.9          | 0.61        | 6.6         | 0.76         | 6.9          | 0.96        | 6.7         | NNE  | 12  |
|    | 14 | 0.33         | 4.0          | 0.53        | 5.6         | 0.66         | 7.0          | 0.79        | 7.1         | NNE  | 12  |
|    | 16 | 0.35         | 4.0          | 0.55        | 5.6         | 0.70         | 6.4          | 0.95        | 6.6         | N    | 8   |
|    | 18 | 0.43         | 3.8          | 0.66        | 4.8         | 0.80         | 4.9          | 1.15        | 4.0         | NNE  | 29  |
|    | 20 | 0.33         | 4.2          | 0.52        | 5.7         | 0.66         | 6.2          | 1.00        | 4.2         | NE   | 45  |
|    | 22 | 0.29         | 4.9          | 0.46        | 6.4         | 0.55         | 6.8          | 0.74        | 7.2         | N    | 4   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.59         | 5.2          | 0.94        | 6.7         | 1.19         | 7.4          | 1.59        | 5.7         |      |     |
|    | 平均 | 0.42         | 4.9          | 0.66        | 6.6         | 0.82         | 6.9          | 1.10        | 6.8         |      |     |
| 19 | 00 | 0.27         | 5.0          | 0.42        | 6.3         | 0.53         | 6.4          | 0.68        | 6.3         | N    | 8   |
|    | 02 | 0.25         | 5.1          | 0.40        | 6.2         | 0.49         | 6.1          | 0.58        | 6.7         | N    | 4   |
|    | 04 | 0.22         | 5.0          | 0.33        | 6.3         | 0.42         | 6.4          | 0.50        | 7.4         | NNE  | 25  |
|    | 06 | 0.24         | 5.8          | 0.37        | 7.7         | 0.47         | 8.9          | 0.65        | 8.3         | NNW  | 344 |
|    | 08 | 0.24         | 5.8          | 0.39        | 8.4         | 0.49         | 8.6          | 0.57        | 7.3         | N    | 352 |
|    | 10 | 0.24         | 6.0          | 0.37        | 8.1         | 0.45         | 9.0          | 0.58        | 9.4         | NNE  | 25  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.24         | 5.5          | 0.38        | 7.9         | 0.48         | 7.7          | 0.57        | 5.9         | NNE  | 25  |
|    | 14 | 0.23         | 6.2          | 0.38        | 9.2         | 0.47         | 9.7          | 0.55        | 8.6         | N    | 8   |
|    | 16 | * 0.28       | 7.1          | * 0.45      | 9.6         | * 0.56       | 10.0         | 0.61        | 11.0        | NNE  | 20  |
|    | 18 | 0.23         | 3.9          | 0.38        | 6.4         | 0.53         | 8.3          | * 0.75      | 9.2         | NNE  | 12  |
|    | 20 | 0.16         | 5.1          | 0.28        | 8.2         | 0.37         | 8.8          | 0.48        | 7.4         | NNE  | 29  |
|    | 22 | 0.17         | 4.2          | 0.27        | 6.9         | 0.35         | 7.9          | 0.51        | 8.5         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.28         | 7.1          | 0.45        | 9.6         | 0.56         | 10.0         | 0.75        | 9.2         |      |     |
|    | 平均 | 0.23         | 5.4          | 0.37        | 7.6         | 0.47         | 8.2          | 0.59        | 8.0         |      |     |
| 20 | 00 | 0.15         | 3.8          | 0.24        | 5.9         | 0.31         | 7.7          | 0.40        | 8.6         | ENE  | 57  |
|    | 02 | 0.13         | 3.5          | 0.21        | 5.0         | 0.26         | 6.2          | 0.31        | 3.5         | ENE  | 74  |
|    | 04 | 0.09         | 3.3          | 0.15        | 5.3         | 0.19         | 7.0          | 0.30        | 8.8         | NNE  | 33  |
|    | 06 | 0.17         | 3.0          | 0.25        | 3.6         | 0.31         | 3.5          | 0.42        | 2.7         | NNE  | 12  |
|    | 08 | 0.17         | 2.9          | 0.27        | 3.7         | 0.35         | 4.3          | 0.50        | 2.1         | NNE  | 33  |
|    | 10 | 0.41         | 5.0          | 0.69        | 8.1         | 0.93         | 9.9          | 1.17        | 10.1        | N    | 356 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.61         | 6.0          | 1.06        | 10.0        | 1.46         | 11.4         | 2.17        | 12.1        | NNW  | 348 |
|    | 14 | 0.97         | 6.0          | 1.57        | 8.9         | 2.11         | 9.9          | 2.79        | 11.5        | N    | 4   |
|    | 16 | 0.84         | 6.1          | 1.28        | 8.7         | 1.56         | 9.6          | 2.21        | 13.2        | NNW  | 344 |
|    | 18 | 0.95         | 6.4          | 1.54        | 9.7         | 1.93         | 10.9         | 2.35        | 12.2        | NNW  | 344 |
|    | 20 | 1.21         | 8.3          | 1.98        | 11.8        | 2.42         | 12.8         | 3.03        | 13.5        | N    | 356 |
|    | 22 | * 1.73       | 10.6         | * 2.74      | 12.3        | * 3.36       | 12.3         | * 4.59      | 11.6        | N    | 352 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 1.73         | 10.6         | 2.74        | 12.3        | 3.36         | 12.3         | 4.59        | 11.6        |      |     |
|    | 平均 | 0.62         | 5.4          | 1.00        | 7.8         | 1.27         | 8.8          | 1.69        | 9.2         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年10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  | 361 回 |
| 欠測回数  | 0 回   | 欠測回数  | 11 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時      | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----------|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|          |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 21 00    | 1.58         | 9.6          | 2.67        | 12.1        | 3.37         | 11.6         | 4.69        | 10.7        | N    | 8   |
|          | * 1.79       | 9.8          | * 2.87      | 11.6        | 3.52         | 11.8         | * 4.78      | 11.5        | N    | 356 |
|          | 04 1.69      | 9.4          | 2.82        | 10.8        | * 3.60       | 11.1         | 4.51        | 10.2        | N    | 4   |
|          | 06 1.30      | 8.3          | 2.20        | 10.3        | 2.79         | 10.7         | 3.67        | 10.7        | N    | 8   |
|          | 08 0.85      | 7.7          | 1.32        | 9.2         | 1.66         | 9.7          | 1.90        | 8.9         | N    | 8   |
|          | 10 0.76      | 7.5          | 1.18        | 9.1         | 1.50         | 9.1          | 2.02        | 8.4         | N    | 8   |
|          | 12 0.68      | 6.9          | 1.08        | 8.8         | 1.34         | 8.7          | 1.55        | 7.2         | N    | 8   |
|          | 14 0.71      | 7.1          | 1.12        | 9.3         | 1.36         | 9.9          | 1.58        | 8.5         | N    | 4   |
|          | 16 0.69      | 6.5          | 1.12        | 8.9         | 1.40         | 9.4          | 1.97        | 9.0         | NNE  | 12  |
|          | 18 0.87      | 7.3          | 1.43        | 9.7         | 1.84         | 9.7          | 2.44        | 9.9         | NNE  | 12  |
|          | 20 0.78      | 6.5          | 1.24        | 9.0         | 1.54         | 9.4          | 2.25        | 9.2         | N    | 0   |
|          | 22 0.53      | 5.6          | 0.88        | 8.2         | 1.06         | 8.9          | 1.40        | 7.8         | N    | 8   |
| 最大<br>平均 | 1.79         | 9.8          | 2.87        | 11.6        | 3.60         | 11.1         | 4.78        | 11.5        |      |     |
|          | 1.02         | 7.7          | 1.66        | 9.8         | 2.08         | 10.0         | 2.73        | 9.3         |      |     |
| 22 00    | 0.45         | 5.7          | 0.75        | 8.0         | 0.96         | 8.5          | 1.24        | 8.9         | N    | 4   |
|          | 02 0.49      | 6.1          | 0.81        | 7.9         | 1.04         | 7.8          | 1.45        | 7.5         | N    | 4   |
|          | 04 0.49      | 5.4          | 0.80        | 7.2         | 1.03         | 7.2          | 1.46        | 7.9         | N    | 8   |
|          | 06 0.52      | 5.1          | 0.81        | 6.5         | 1.03         | 6.5          | 1.30        | 5.0         | N    | 4   |
|          | 08 0.48      | 4.2          | 0.77        | 5.2         | 0.95         | 5.1          | 1.28        | 4.2         | NNE  | 16  |
|          | 10 0.45      | 4.4          | 0.68        | 5.3         | 0.84         | 5.2          | 1.06        | 6.8         | NNE  | 33  |
|          | 12 0.58      | 3.6          | 0.91        | 4.3         | 1.15         | 4.4          | 1.75        | 4.2         | NNE  | 29  |
|          | 14 0.73      | 3.9          | 1.18        | 4.6         | 1.48         | 4.6          | 2.03        | 4.6         | NE   | 41  |
|          | 16 * 0.96    | 4.5          | * 1.44      | 4.8         | * 1.80       | 4.7          | 2.47        | 4.5         | NNE  | 16  |
|          | 18 0.81      | 4.2          | 1.28        | 4.9         | 1.65         | 4.9          | * 2.49      | 4.5         | NNE  | 25  |
|          | 20 0.75      | 4.0          | 1.17        | 4.7         | 1.50         | 4.8          | 2.42        | 4.8         | NNE  | 29  |
|          | 22 0.71      | 4.1          | 1.04        | 4.6         | 1.23         | 4.6          | 1.61        | 4.2         | NNE  | 16  |
| 最大<br>平均 | 0.96         | 4.5          | 1.44        | 4.8         | 1.80         | 4.7          | 2.49        | 4.5         |      |     |
|          | 0.62         | 4.6          | 0.97        | 5.7         | 1.22         | 5.7          | 1.71        | 5.6         |      |     |
| 23 00    | 0.67         | 4.0          | 1.01        | 4.6         | 1.23         | 4.5          | 1.75        | 5.0         | NE   | 37  |
|          | * 0.77       | 4.0          | * 1.24      | 4.7         | * 1.60       | 4.5          | * 2.36      | 4.6         | NNE  | 20  |
|          | 04 0.64      | 3.7          | 1.02        | 4.4         | 1.28         | 4.3          | 1.75        | 4.5         | NNE  | 20  |
|          | 06 0.53      | 3.7          | 0.84        | 4.6         | 1.04         | 4.7          | 1.35        | 4.9         | NNE  | 12  |
|          | 08 0.48      | 3.8          | 0.75        | 4.6         | 0.92         | 4.5          | 1.25        | 3.4         | NNE  | 12  |
|          | 10 0.41      | 4.0          | 0.64        | 5.1         | 0.79         | 5.2          | 1.06        | 5.0         | NNE  | 29  |
|          | 12 0.37      | 4.1          | 0.58        | 5.4         | 0.72         | 5.3          | 0.91        | 4.9         | NNE  | 20  |
|          | 14 0.63      | 4.6          | 0.98        | 6.2         | 1.26         | 6.7          | 1.89        | 5.6         | NNE  | 12  |
|          | 16 0.64      | 5.6          | 1.01        | 6.9         | 1.25         | 7.1          | 1.65        | 7.4         | N    | 4   |
|          | 18 0.76      | 6.2          | 1.17        | 7.5         | 1.44         | 7.5          | 1.71        | 7.4         | NNE  | 16  |
|          | 20 0.65      | 5.8          | 1.07        | 7.4         | 1.35         | 8.0          | 1.62        | 8.2         | NNE  | 12  |
|          | 22 0.50      | 5.7          | 0.78        | 7.2         | 0.97         | 7.0          | 1.32        | 7.3         | N    | 8   |
| 最大<br>平均 | 0.77         | 4.0          | 1.24        | 4.7         | 1.60         | 4.5          | 2.36        | 4.6         |      |     |
|          | 0.59         | 4.6          | 0.92        | 5.7         | 1.15         | 5.8          | 1.55        | 5.7         |      |     |
| 24 00    | 0.41         | 5.7          | * 0.67      | 7.4         | * 0.83       | 7.8          | * 1.10      | 7.7         | N    | 8   |
|          | 02 0.33      | 5.9          | 0.53        | 7.7         | 0.66         | 8.1          | 0.96        | 7.4         | NNE  | 29  |
|          | * 0.42       | 6.9          | 0.65        | 8.0         | 0.81         | 7.9          | 0.96        | 7.9         | NNE  | 12  |
|          | 06 0.38      | 5.9          | 0.60        | 7.4         | 0.74         | 7.4          | 1.02        | 7.6         | NNE  | 20  |
|          | 08 0.32      | 5.2          | 0.54        | 7.2         | 0.69         | 7.1          | 0.88        | 7.2         | NNE  | 16  |
|          | 10 0.37      | 6.4          | 0.58        | 7.4         | 0.71         | 7.2          | 0.89        | 7.4         | NNE  | 25  |
|          | 12 0.28      | 5.3          | 0.47        | 7.1         | 0.56         | 7.2          | 0.78        | 7.4         | NNE  | 20  |
|          | 14 0.30      | 5.7          | 0.47        | 6.9         | 0.62         | 6.5          | 0.88        | 6.7         | NNE  | 29  |
|          | 16 0.25      | 5.1          | 0.40        | 6.4         | 0.52         | 6.4          | 0.68        | 7.1         | NNE  | 12  |
|          | 18 0.24      | 3.5          | 0.38        | 5.0         | 0.48         | 5.5          | 0.78        | 5.4         | NNE  | 33  |
|          | 20 0.25      | 3.7          | 0.40        | 5.1         | 0.50         | 5.5          | 0.67        | 5.2         | NNE  | 20  |
|          | 22 0.22      | 4.3          | 0.35        | 5.6         | 0.44         | 5.8          | 0.56        | 6.9         | NNE  | 29  |
| 最大<br>平均 | 0.42         | 6.9          | 0.67        | 7.4         | 0.83         | 7.8          | 1.10        | 7.7         |      |     |
|          | 0.31         | 5.3          | 0.50        | 6.8         | 0.63         | 6.9          | 0.85        | 7.0         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年10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  | 361 回 |
| 欠測回数  | 0 回   | 欠測回数  | 11 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|-----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|     |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 25  | 00 | * 0.21 | 4.6   | * 0.33 | 6.0  | * 0.43 | 6.2   | * 0.61 | 6.5  | NNE  | 25  |
|     | 02 | 0.19   | 4.4   | 0.31   | 5.8  | 0.40   | 5.8   | 0.46   | 6.5  | NE   | 37  |
|     | 04 | 0.19   | 4.4   | 0.31   | 5.8  | 0.39   | 6.1   | 0.48   | 6.5  | NNE  | 33  |
|     | 06 | 0.17   | 4.5   | 0.27   | 5.9  | 0.34   | 6.1   | 0.45   | 6.0  | NNE  | 29  |
|     | 08 | 0.15   | 4.3   | 0.24   | 5.8  | 0.29   | 6.0   | 0.34   | 6.1  | N    | 8   |
|     | 10 | 0.14   | 4.4   | 0.21   | 5.7  | 0.26   | 5.9   | 0.32   | 5.5  | N    | 8   |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 12 | 0.15   | 4.4   | 0.23   | 5.6  | 0.28   | 5.6   | 0.35   | 6.1  | NE   | 37  |
|     | 14 | 0.14   | 4.0   | 0.22   | 5.3  | 0.27   | 5.6   | 0.35   | 5.3  | N    | 8   |
|     | 16 | 0.15   | 4.0   | 0.24   | 5.2  | 0.31   | 5.4   | 0.39   | 5.3  | NE   | 37  |
|     | 18 | 0.13   | 4.0   | 0.21   | 5.2  | 0.27   | 5.3   | 0.34   | 5.3  | NNE  | 16  |
|     | 20 | 0.13   | 4.2   | 0.21   | 5.5  | 0.26   | 5.5   | 0.35   | 5.9  | N    | 8   |
|     | 22 | 0.11   | 4.0   | 0.18   | 5.4  | 0.22   | 5.4   | 0.29   | 6.3  | NE   | 45  |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 最大 | 0.21   | 4.6   | 0.33   | 6.0  | 0.43   | 6.2   | 0.61   | 6.5  |      |     |
|     | 平均 | 0.16   | 4.3   | 0.25   | 5.6  | 0.31   | 5.7   | 0.39   | 5.9  |      |     |
| 26  | 00 | 0.11   | 3.8   | 0.17   | 5.3  | 0.21   | 5.5   | 0.28   | 5.9  | ENE  | 78  |
|     | 02 | 0.10   | 3.9   | 0.15   | 5.1  | 0.19   | 5.2   | 0.25   | 5.3  | NNE  | 12  |
|     | 04 | 0.09   | 4.1   | 0.15   | 5.4  | 0.18   | 5.5   | 0.26   | 5.0  | NNE  | 16  |
|     | 06 | 0.10   | 3.6   | 0.15   | 4.8  | 0.19   | 5.0   | 0.24   | 5.8  | 欠測   | 欠測  |
|     | 08 | 0.11   | 3.5   | 0.17   | 4.7  | 0.20   | 4.8   | 0.25   | 4.1  | NE   | 37  |
|     | 10 | 0.27   | 3.9   | 0.43   | 4.4  | 0.52   | 4.5   | 0.65   | 4.4  | NNE  | 29  |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 12 | 0.27   | 3.2   | 0.42   | 3.9  | 0.51   | 4.0   | 0.73   | 3.3  | ENE  | 57  |
|     | 14 | * 0.32 | 3.3   | * 0.50 | 3.8  | * 0.63 | 3.8   | * 0.85 | 4.1  | NNE  | 33  |
|     | 16 | 0.22   | 3.2   | 0.34   | 3.7  | 0.41   | 3.8   | 0.60   | 3.7  | NE   | 45  |
|     | 18 | 0.20   | 2.9   | 0.31   | 3.6  | 0.39   | 3.9   | 0.56   | 3.7  | N    | 8   |
|     | 20 | 0.14   | 3.5   | 0.22   | 4.1  | 0.27   | 4.2   | 0.34   | 3.5  | N    | 352 |
|     | 22 | 0.12   | 3.4   | 0.18   | 4.2  | 0.23   | 4.2   | 0.31   | 4.0  | 欠測   | 欠測  |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 最大 | 0.32   | 3.3   | 0.50   | 3.8  | 0.63   | 3.8   | 0.85   | 4.1  |      |     |
|     | 平均 | 0.17   | 3.5   | 0.27   | 4.4  | 0.33   | 4.5   | 0.44   | 4.4  |      |     |
| 27  | 00 | 0.10   | 3.5   | 0.16   | 4.3  | 0.20   | 4.5   | 0.27   | 4.5  | N    | 4   |
|     | 02 | 0.10   | 3.3   | 0.15   | 4.2  | 0.19   | 4.4   | 0.27   | 4.5  | NNE  | 33  |
|     | 04 | 0.09   | 3.2   | 0.13   | 4.4  | 0.17   | 4.3   | 0.20   | 3.6  | E    | 90  |
|     | 06 | 0.08   | 3.0   | 0.12   | 3.9  | 0.15   | 4.7   | 0.21   | 3.9  | 欠測   | 欠測  |
|     | 08 | 0.07   | 2.8   | 0.11   | 3.8  | 0.14   | 4.2   | 0.20   | 2.9  | N    | 0   |
|     | 10 | 0.07   | 3.1   | 0.11   | 4.1  | 0.13   | 4.1   | 0.19   | 4.6  | WNW  | 286 |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 12 | 0.08   | 2.8   | 0.11   | 3.8  | 0.13   | 4.4   | 0.20   | 6.1  | N    | 0   |
|     | 14 | 0.08   | 2.5   | 0.12   | 3.4  | 0.14   | 4.4   | 0.18   | 5.1  | N    | 0   |
|     | 16 | * 0.11 | 2.2   | * 0.17 | 2.6  | * 0.23 | 2.5   | * 0.32 | 1.6  | NW   | 306 |
|     | 18 | 0.08   | 2.6   | 0.12   | 3.0  | 0.15   | 2.9   | 0.20   | 2.4  | WNW  | 293 |
|     | 20 | 0.06   | 2.6   | 0.09   | 3.4  | 0.11   | 3.8   | 0.15   | 2.8  | NNE  | 29  |
|     | 22 | 0.07   | 2.5   | 0.09   | 3.2  | 0.12   | 3.7   | 0.17   | 1.7  | NNE  | 33  |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 最大 | 0.11   | 2.2   | 0.17   | 2.6  | 0.23   | 2.5   | 0.32   | 1.6  |      |     |
|     | 平均 | 0.08   | 2.8   | 0.12   | 3.7  | 0.16   | 4.0   | 0.21   | 3.6  |      |     |
| 28  | 00 | 0.07   | 2.4   | 0.10   | 3.1  | 0.12   | 3.5   | 0.17   | 3.8  | N    | 351 |
|     | 02 | 0.07   | 2.4   | 0.10   | 3.2  | 0.13   | 3.5   | 0.19   | 2.8  | NNW  | 348 |
|     | 04 | 0.06   | 2.6   | 0.09   | 3.4  | 0.10   | 3.7   | 0.14   | 3.0  | NE   | 45  |
|     | 06 | 0.06   | 2.5   | 0.09   | 3.3  | 0.12   | 3.8   | 0.16   | 4.1  | E    | 82  |
|     | 08 | 0.08   | 3.1   | 0.11   | 4.4  | 0.13   | 4.6   | 0.17   | 4.3  | WNW  | 303 |
|     | 10 | 0.18   | 2.7   | 0.28   | 2.9  | 0.36   | 2.8   | 0.48   | 2.9  | NNW  | 342 |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 12 | 0.13   | 2.9   | 0.20   | 3.5  | 0.25   | 3.5   | 0.30   | 3.2  | NNW  | 331 |
|     | 14 | 0.13   | 3.4   | 0.20   | 4.6  | 0.25   | 5.0   | 0.35   | 3.4  | ENE  | 74  |
|     | 16 | 0.14   | 3.4   | 0.22   | 4.4  | 0.27   | 4.8   | 0.37   | 5.2  | N    | 4   |
|     | 18 | 0.39   | 3.0   | 0.60   | 3.2  | 0.76   | 3.1   | 1.18   | 3.3  | NW   | 323 |
|     | 20 | * 0.44 | 3.3   | * 0.67 | 3.8  | * 0.85 | 3.7   | * 1.28 | 3.3  | NNW  | 327 |
|     | 22 | 0.38   | 3.3   | 0.58   | 3.7  | 0.70   | 3.6   | 0.96   | 4.9  | N    | 356 |
|     |    |        |       |        |      |        |       |        |      |      |     |
|     | 最大 | 0.44   | 3.3   | 0.67   | 3.8  | 0.85   | 3.7   | 1.28   | 3.3  |      |     |
|     | 平均 | 0.18   | 2.9   | 0.27   | 3.6  | 0.34   | 3.8   | 0.48   | 3.7  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年10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  | 361 回 |
| 欠測回数  | 0 回   | 欠測回数  | 11 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日   | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 29  | 00 | 0.46         | 3.3          | 0.73        | 3.8         | 0.93         | 3.5          | 1.42        | 3.0         | NNW  | 331 |
|     | 02 | 0.38         | 3.5          | 0.59        | 4.0         | 0.72         | 3.7          | 0.89        | 3.2         | NNE  | 20  |
|     | 04 | 0.35         | 3.9          | 0.54        | 4.4         | 0.68         | 4.2          | 0.85        | 4.3         | NNW  | 348 |
|     | 06 | 0.35         | 4.2          | 0.52        | 5.1         | 0.65         | 5.2          | 0.93        | 6.7         | NNE  | 25  |
|     | 08 | 0.44         | 4.0          | 0.65        | 4.9         | 0.78         | 4.9          | 1.18        | 4.4         | NNE  | 16  |
|     | 10 | 0.38         | 3.9          | 0.58        | 4.5         | 0.71         | 4.6          | 1.06        | 3.4         | NNE  | 20  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.61         | 3.6          | * 1.00      | 4.1         | * 1.28       | 4.0          | 1.64        | 3.9         | N    | 8   |
|     | 14 | * 0.63       | 3.6          | 0.96        | 4.2         | 1.21         | 4.1          | 1.74        | 3.6         | N    | 4   |
|     | 16 | 0.61         | 3.6          | 0.97        | 4.2         | 1.25         | 4.1          | * 1.93      | 4.5         | NE   | 37  |
|     | 18 | 0.62         | 3.7          | 0.97        | 4.4         | 1.21         | 4.4          | 1.45        | 4.3         | NE   | 49  |
|     | 20 | 0.53         | 3.8          | 0.81        | 4.5         | 0.99         | 4.4          | 1.27        | 3.8         | 欠測   | 欠測  |
|     | 22 | 0.46         | 5.0          | 0.70        | 6.7         | 0.83         | 8.4          | 1.04        | 9.8         | N    | 8   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.63         | 3.6          | 1.00        | 4.1         | 1.28         | 4.0          | 1.93        | 4.5         |      |     |
|     | 平均 | 0.49         | 3.8          | 0.75        | 4.6         | 0.94         | 4.6          | 1.28        | 4.6         |      |     |
| 30  | 00 | 0.59         | 6.9          | 0.97        | 10.3        | 1.20         | 10.8         | 1.35        | 10.0        | N    | 4   |
|     | 02 | 0.80         | 8.3          | 1.37        | 11.2        | 1.73         | 11.6         | 2.14        | 11.5        | N    | 4   |
|     | 04 | * 1.02       | 9.6          | * 1.60      | 11.4        | * 2.02       | 11.6         | * 2.44      | 12.1        | NNE  | 16  |
|     | 06 | 0.72         | 8.6          | 1.15        | 10.9        | 1.43         | 10.9         | 1.99        | 10.3        | N    | 8   |
|     | 08 | 0.69         | 8.9          | 1.03        | 10.6        | 1.20         | 10.8         | 1.35        | 10.4        | NNE  | 16  |
|     | 10 | 0.46         | 7.2          | 0.82        | 10.1        | 1.10         | 10.0         | 1.23        | 9.5         | NNE  | 16  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.49         | 7.7          | 0.80        | 10.3        | 0.98         | 10.3         | 1.21        | 9.7         | NNE  | 25  |
|     | 14 | 0.47         | 8.2          | 0.78        | 9.9         | 1.02         | 10.2         | 1.33        | 8.9         | NNE  | 20  |
|     | 16 | 0.41         | 7.2          | 0.67        | 9.8         | 0.83         | 9.7          | 1.04        | 10.1        | NNE  | 20  |
|     | 18 | 0.38         | 7.2          | 0.63        | 9.6         | 0.78         | 9.4          | 1.01        | 9.9         | N    | 8   |
|     | 20 | 0.28         | 6.6          | 0.48        | 9.0         | 0.62         | 9.1          | 0.78        | 9.8         | NNE  | 12  |
|     | 22 | 0.34         | 7.0          | 0.58        | 9.3         | 0.75         | 9.3          | 0.89        | 9.1         | N    | 8   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 1.02         | 9.6          | 1.60        | 11.4        | 2.02         | 11.6         | 2.44        | 12.1        |      |     |
|     | 平均 | 0.55         | 7.8          | 0.91        | 10.2        | 1.14         | 10.3         | 1.40        | 10.1        |      |     |
| 31  | 00 | * 0.30       | 7.2          | * 0.46      | 8.7         | * 0.54       | 8.9          | * 0.65      | 8.6         | NNE  | 20  |
|     | 02 | 0.23         | 5.7          | 0.37        | 7.4         | 0.49         | 8.0          | 0.59        | 8.7         | N    | 0   |
|     | 04 | 0.21         | 5.7          | 0.34        | 7.8         | 0.41         | 8.1          | 0.60        | 7.5         | NNE  | 20  |
|     | 06 | 0.18         | 4.8          | 0.28        | 6.6         | 0.37         | 7.1          | 0.53        | 7.5         | NNE  | 29  |
|     | 08 | 0.16         | 4.7          | 0.25        | 6.9         | 0.32         | 7.2          | 0.41        | 6.1         | NNE  | 12  |
|     | 10 | 0.15         | 4.5          | 0.24        | 6.6         | 0.31         | 7.1          | 0.41        | 6.6         | N    | 8   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.14         | 4.2          | 0.22        | 5.9         | 0.26         | 6.4          | 0.36        | 6.8         | N    | 0   |
|     | 14 | 0.17         | 3.0          | 0.25        | 3.9         | 0.32         | 4.6          | 0.43        | 6.5         | NNW  | 335 |
|     | 16 | 0.14         | 3.2          | 0.21        | 4.2         | 0.26         | 4.6          | 0.34        | 6.1         | NNE  | 29  |
|     | 18 | 0.13         | 2.8          | 0.20        | 3.9         | 0.25         | 4.9          | 0.41        | 6.6         | N    | 8   |
|     | 20 | 0.09         | 3.6          | 0.15        | 5.4         | 0.18         | 6.2          | 0.22        | 6.5         | NE   | 53  |
|     | 22 | 0.09         | 4.0          | 0.15        | 5.7         | 0.18         | 6.1          | 0.24        | 8.3         | N    | 4   |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.30         | 7.2          | 0.46        | 8.7         | 0.54         | 8.9          | 0.65        | 8.6         |      |     |
|     | 平均 | 0.17         | 4.5          | 0.26        | 6.1         | 0.32         | 6.6          | 0.43        | 7.1         |      |     |
| 月最大 | 起時 | 1.79         | 9.8          | 2.87        | 11.6        | 3.60         | 11.1         | 4.78        | 11.5        |      |     |
|     | 平均 | 0.38         | 4.3          | 0.60        | 5.4         | 0.75         | 5.6          | 1.01        | 5.6         |      |     |

波浪整理表（1）

2021年11月

| 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  | 348 回 |
| 欠測回数  | 0 回   | 欠測回数  | 12 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.3 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 01 | 00 | 0.09         | 3.8          | 0.14        | 5.7         | 0.18         | 6.2          | 0.24        | 6.8         | NNE  | 33  |
|    | 02 | 0.09         | 3.5          | 0.13        | 5.1         | 0.17         | 5.3          | 0.29        | 5.1         | NNW  | 348 |
|    | 04 | 0.08         | 3.4          | 0.13        | 5.0         | 0.16         | 5.9          | 0.20        | 6.6         | NNE  | 25  |
|    | 06 | 0.09         | 3.5          | 0.13        | 5.2         | 0.15         | 5.3          | 0.21        | 3.7         | ENE  | 57  |
|    | 08 | 0.08         | 3.3          | 0.12        | 4.7         | 0.15         | 5.3          | 0.21        | 6.1         | NNE  | 12  |
|    | 10 | 0.09         | 3.1          | 0.14        | 3.8         | 0.18         | 4.0          | 0.25        | 4.4         | ENE  | 57  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.10         | 3.0          | 0.15        | 3.6         | 0.18         | 3.7          | 0.27        | 3.9         | W    | 278 |
|    | 14 | 0.10         | 3.2          | 0.15        | 3.9         | 0.18         | 4.1          | 0.27        | 4.3         | 欠測   | 欠測  |
|    | 16 | 0.12         | 3.7          | 0.18        | 4.0         | 0.22         | 4.0          | 0.28        | 3.8         | NNE  | 12  |
|    | 18 | * 0.14       | 3.2          | * 0.22      | 4.0         | * 0.27       | 3.9          | * 0.35      | 3.9         | NNE  | 12  |
|    | 20 | 0.11         | 3.6          | 0.17        | 4.2         | 0.22         | 4.3          | 0.32        | 4.9         | ENE  | 57  |
|    | 22 | 0.11         | 4.0          | 0.15        | 5.6         | 0.19         | 6.8          | 0.24        | 9.1         | NNW  | 327 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.14         | 3.2          | 0.22        | 4.0         | 0.27         | 3.9          | 0.35        | 3.9         |      |     |
|    | 平均 | 0.10         | 3.4          | 0.15        | 4.6         | 0.19         | 4.9          | 0.26        | 5.2         |      |     |
| 02 | 00 | 0.11         | 4.7          | 0.18        | 7.3         | 0.24         | 9.6          | 0.37        | 11.2        | N    | 0   |
|    | 02 | 0.16         | 6.0          | 0.28        | 9.8         | 0.38         | 10.5         | 0.52        | 10.7        | N    | 356 |
|    | 04 | 0.28         | 8.4          | 0.46        | 9.9         | 0.55         | 10.0         | 0.70        | 10.3        | NNE  | 16  |
|    | 06 | 0.36         | 8.4          | 0.61        | 10.0        | 0.77         | 10.0         | 0.85        | 9.9         | N    | 8   |
|    | 08 | 0.40         | 8.6          | 0.62        | 9.8         | 0.74         | 9.7          | 0.91        | 9.6         | NNE  | 12  |
|    | 10 | 0.33         | 7.6          | 0.53        | 9.3         | 0.62         | 9.2          | 0.70        | 9.0         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.34         | 7.7          | 0.55        | 9.1         | 0.71         | 9.0          | 0.94        | 8.5         | NNE  | 20  |
|    | 14 | 0.32         | 6.1          | 0.53        | 8.5         | 0.68         | 8.5          | 0.84        | 8.8         | NNE  | 20  |
|    | 16 | 0.36         | 6.2          | 0.59        | 8.3         | 0.76         | 8.4          | 0.94        | 8.7         | NNE  | 20  |
|    | 18 | 0.33         | 6.1          | 0.53        | 7.8         | 0.67         | 8.0          | 0.87        | 7.5         | NNE  | 12  |
|    | 20 | 0.38         | 6.8          | 0.61        | 8.2         | 0.79         | 8.1          | 1.10        | 8.0         | NNE  | 29  |
|    | 22 | * 0.41       | 6.8          | * 0.65      | 8.0         | * 0.81       | 7.8          | * 1.35      | 7.3         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.41         | 6.8          | 0.65        | 8.0         | 0.81         | 7.8          | 1.35        | 7.3         |      |     |
|    | 平均 | 0.32         | 7.0          | 0.51        | 8.8         | 0.64         | 9.1          | 0.84        | 9.1         |      |     |
| 03 | 00 | 0.32         | 6.6          | 0.51        | 7.8         | 0.63         | 7.9          | 0.71        | 8.4         | NNE  | 29  |
|    | 02 | 0.33         | 6.7          | 0.51        | 7.8         | 0.61         | 7.8          | 0.73        | 7.7         | NNE  | 16  |
|    | 04 | 0.25         | 6.1          | 0.39        | 7.4         | 0.49         | 7.2          | 0.65        | 7.0         | NNE  | 16  |
|    | 06 | 0.25         | 5.9          | 0.41        | 7.3         | 0.52         | 7.3          | 0.69        | 7.7         | NNE  | 20  |
|    | 08 | 0.30         | 6.2          | 0.47        | 7.3         | 0.56         | 7.5          | 0.74        | 6.5         | N    | 8   |
|    | 10 | 0.32         | 6.4          | 0.50        | 7.9         | 0.62         | 7.7          | 0.71        | 8.1         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.44         | 5.3          | 0.68        | 7.2         | 0.86         | 7.4          | 1.11        | 7.5         | NNE  | 16  |
|    | 14 | 0.49         | 5.6          | 0.76        | 7.4         | 0.93         | 7.7          | 1.23        | 7.6         | NNE  | 16  |
|    | 16 | 0.48         | 4.9          | 0.75        | 6.6         | 0.91         | 7.0          | 1.14        | 7.7         | NNE  | 20  |
|    | 18 | 0.51         | 4.1          | 0.79        | 5.4         | 0.99         | 5.7          | 1.27        | 6.1         | NNE  | 20  |
|    | 20 | 0.57         | 4.6          | 0.92        | 5.9         | 1.13         | 6.4          | * 1.55      | 5.8         | NNE  | 20  |
|    | 22 | * 0.64       | 5.3          | * 0.96      | 6.7         | * 1.17       | 6.9          | 1.51        | 6.4         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.64         | 5.3          | 0.96        | 6.7         | 1.17         | 6.9          | 1.55        | 5.8         |      |     |
|    | 平均 | 0.41         | 5.6          | 0.64        | 7.1         | 0.79         | 7.2          | 1.00        | 7.2         |      |     |
| 04 | 00 | * 0.59       | 5.8          | * 0.96      | 7.4         | * 1.17       | 7.3          | 1.41        | 7.1         | NNE  | 12  |
|    | 02 | 0.51         | 5.7          | 0.79        | 7.0         | 1.01         | 7.2          | 1.39        | 6.7         | NNE  | 16  |
|    | 04 | 0.56         | 6.2          | 0.91        | 7.2         | 1.16         | 7.0          | * 1.55      | 6.7         | N    | 8   |
|    | 06 | 0.55         | 6.2          | 0.85        | 7.2         | 1.09         | 7.1          | 1.52        | 7.1         | N    | 8   |
|    | 08 | 0.48         | 5.9          | 0.80        | 7.0         | 1.02         | 7.2          | 1.48        | 6.8         | NNE  | 12  |
|    | 10 | 0.48         | 5.9          | 0.80        | 7.1         | 1.05         | 7.5          | 1.45        | 7.3         | N    | 8   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.50         | 6.3          | 0.80        | 7.1         | 1.05         | 6.9          | 1.43        | 7.1         | NNE  | 12  |
|    | 14 | 0.47         | 6.1          | 0.73        | 6.9         | 0.89         | 6.8          | 1.06        | 6.0         | N    | 8   |
|    | 16 | 0.39         | 5.6          | 0.62        | 6.6         | 0.78         | 6.7          | 0.99        | 6.4         | N    | 4   |
|    | 18 | 0.35         | 5.0          | 0.54        | 6.3         | 0.68         | 6.3          | 0.92        | 6.9         | NNE  | 20  |
|    | 20 | 0.32         | 4.4          | 0.52        | 5.9         | 0.66         | 6.1          | 0.91        | 6.0         | NNE  | 20  |
|    | 22 | 0.28         | 4.9          | 0.44        | 6.1         | 0.53         | 6.0          | 0.69        | 5.8         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.59         | 5.8          | 0.96        | 7.4         | 1.17         | 7.3          | 1.55        | 6.7         |      |     |
|    | 平均 | 0.46         | 5.7          | 0.73        | 6.8         | 0.92         | 6.8          | 1.23        | 6.7         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年11月

| 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  | 348 回 |
| 欠測回数  | 0 回   | 欠測回数  | 12 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.3 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時      | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----------|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|          |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 05 00    | 0.26         | 5.0          | 0.42        | 6.0         | 0.51         | 6.1          | 0.62        | 6.3         | NNE  | 16  |
|          | * 0.28       | 5.3          | * 0.45      | 6.3         | * 0.56       | 6.3          | * 0.76      | 6.2         | NNE  | 16  |
|          | 0.24         | 5.2          | 0.39        | 6.1         | 0.49         | 6.0          | 0.57        | 6.1         | NNE  | 25  |
|          | 0.24         | 5.3          | 0.38        | 6.1         | 0.46         | 6.1          | 0.58        | 6.4         | NNE  | 29  |
|          | 0.21         | 4.4          | 0.35        | 6.1         | 0.46         | 6.3          | 0.74        | 5.9         | N    | 356 |
|          | 0.18         | 4.8          | 0.30        | 6.3         | 0.38         | 6.3          | 0.55        | 6.3         | NNE  | 29  |
|          |              |              |             |             |              |              |             |             |      |     |
|          | 0.19         | 5.4          | 0.29        | 6.1         | 0.37         | 6.1          | 0.45        | 6.2         | NNE  | 16  |
|          | 0.18         | 4.9          | 0.30        | 6.1         | 0.38         | 6.2          | 0.51        | 5.9         | NNE  | 16  |
|          | 0.18         | 4.1          | 0.30        | 5.9         | 0.38         | 5.9          | 0.53        | 6.1         | 欠測   | 欠測  |
|          | 0.22         | 3.3          | 0.35        | 4.6         | 0.44         | 5.5          | 0.58        | 5.7         | NNE  | 16  |
|          | 0.24         | 4.1          | 0.37        | 5.4         | 0.44         | 5.8          | 0.57        | 5.6         | NNE  | 12  |
|          | 0.26         | 4.5          | 0.40        | 5.7         | 0.49         | 5.5          | 0.65        | 5.0         | N    | 8   |
| 最大<br>平均 | 0.28         | 5.3          | 0.45        | 6.3         | 0.56         | 6.3          | 0.76        | 6.2         |      |     |
|          | 0.22         | 4.7          | 0.36        | 5.9         | 0.45         | 6.0          | 0.59        | 6.0         |      |     |
| 06 00    | 0.24         | 4.6          | 0.39        | 5.6         | 0.48         | 5.6          | 0.57        | 5.6         | NNE  | 16  |
|          | 0.26         | 4.8          | 0.40        | 5.8         | 0.50         | 5.7          | 0.70        | 5.1         | N    | 8   |
|          | 0.27         | 4.8          | 0.43        | 5.7         | 0.53         | 5.9          | 0.77        | 5.6         | NNE  | 12  |
|          | 0.31         | 4.6          | 0.51        | 5.6         | 0.65         | 5.6          | 0.81        | 6.3         | NNE  | 29  |
|          | 0.28         | 4.5          | 0.45        | 5.7         | 0.54         | 5.6          | 0.70        | 6.4         | NNE  | 20  |
|          | 0.28         | 4.7          | 0.44        | 5.7         | 0.54         | 5.9          | 0.75        | 5.1         | NNE  | 16  |
|          |              |              |             |             |              |              |             |             |      |     |
|          | 0.27         | 4.5          | 0.41        | 5.5         | 0.51         | 5.5          | 0.65        | 6.1         | NNE  | 16  |
|          | 0.30         | 4.1          | 0.47        | 5.5         | 0.58         | 5.7          | 0.88        | 4.8         | N    | 0   |
|          | 0.40         | 3.3          | 0.62        | 3.9         | 0.79         | 4.0          | 1.35        | 3.4         | NNE  | 29  |
|          | * 0.54       | 3.6          | * 0.85      | 4.1         | * 1.05       | 4.0          | * 1.48      | 4.6         | NNE  | 33  |
|          | 0.48         | 4.0          | 0.74        | 4.4         | 0.90         | 4.4          | 1.13        | 3.3         | NNE  | 16  |
|          | 0.42         | 4.2          | 0.62        | 4.7         | 0.77         | 4.7          | 1.04        | 4.3         | NNE  | 20  |
| 最大<br>平均 | 0.54         | 3.6          | 0.85        | 4.1         | 1.05         | 4.0          | 1.48        | 4.6         |      |     |
|          | 0.34         | 4.3          | 0.53        | 5.2         | 0.65         | 5.2          | 0.90        | 5.0         |      |     |
| 07 00    | 0.40         | 4.4          | 0.60        | 5.0         | 0.75         | 5.0          | 1.04        | 5.5         | NNE  | 20  |
|          | 0.36         | 4.4          | 0.57        | 5.2         | 0.74         | 5.0          | 1.14        | 5.1         | N    | 4   |
|          | 0.38         | 4.5          | 0.59        | 4.9         | 0.73         | 4.9          | 0.83        | 5.3         | NNE  | 25  |
|          | 0.37         | 4.2          | 0.57        | 4.7         | 0.70         | 4.7          | 0.88        | 4.6         | NE   | 41  |
|          | 0.37         | 4.4          | 0.58        | 4.6         | 0.74         | 4.7          | 1.14        | 4.8         | NNE  | 20  |
|          | 0.46         | 4.2          | 0.69        | 4.6         | 0.86         | 4.4          | 1.18        | 4.4         | NNE  | 16  |
|          |              |              |             |             |              |              |             |             |      |     |
|          | 0.46         | 4.1          | 0.72        | 4.6         | 0.92         | 4.5          | 1.35        | 4.7         | NNE  | 20  |
|          | * 0.77       | 4.1          | * 1.23      | 4.7         | * 1.58       | 4.8          | * 2.21      | 4.8         | NNE  | 20  |
|          | 0.72         | 4.1          | 1.15        | 4.9         | 1.48         | 4.8          | 2.04        | 4.1         | NNE  | 16  |
|          | 0.76         | 4.2          | 1.21        | 5.0         | 1.56         | 5.1          | 2.11        | 4.5         | NNE  | 29  |
|          | 0.65         | 5.0          | 1.02        | 5.5         | 1.26         | 5.3          | 2.13        | 5.5         | NNE  | 20  |
|          | 0.49         | 4.8          | 0.73        | 5.3         | 0.90         | 5.3          | 1.33        | 5.1         | NE   | 41  |
| 最大<br>平均 | 0.77         | 4.1          | 1.23        | 4.7         | 1.58         | 4.8          | 2.21        | 4.8         |      |     |
|          | 0.52         | 4.4          | 0.81        | 4.9         | 1.02         | 4.9          | 1.45        | 4.9         |      |     |
| 08 00    | * 0.52       | 4.9          | * 0.79      | 5.4         | * 0.93       | 5.4          | 1.13        | 5.2         | NNE  | 29  |
|          | 0.44         | 4.8          | 0.69        | 5.5         | 0.87         | 5.2          | * 1.14      | 5.8         | NNE  | 16  |
|          | 0.36         | 4.5          | 0.56        | 4.9         | 0.70         | 5.0          | 0.97        | 4.8         | NNE  | 29  |
|          | 0.32         | 4.3          | 0.50        | 4.8         | 0.60         | 4.7          | 0.80        | 4.4         | NNE  | 29  |
|          | 0.29         | 4.2          | 0.46        | 4.7         | 0.56         | 4.6          | 0.70        | 4.1         | NNE  | 33  |
|          | 0.31         | 4.5          | 0.48        | 4.8         | 0.58         | 4.8          | 0.69        | 4.6         | NNE  | 29  |
|          |              |              |             |             |              |              |             |             |      |     |
|          | 0.24         | 4.4          | 0.38        | 5.1         | 0.50         | 5.1          | 0.69        | 5.1         | NNE  | 29  |
|          | 0.22         | 4.2          | 0.34        | 5.0         | 0.43         | 4.8          | 0.50        | 4.7         | N    | 4   |
|          | 0.23         | 4.6          | 0.36        | 5.3         | 0.44         | 5.3          | 0.54        | 6.1         | NNE  | 25  |
|          | 0.24         | 5.1          | 0.37        | 6.5         | 0.46         | 6.2          | 0.60        | 5.8         | N    | 0   |
|          | 0.22         | 4.9          | 0.33        | 6.1         | 0.41         | 6.1          | 0.48        | 4.5         | N    | 4   |
|          | 0.19         | 3.9          | 0.30        | 5.4         | 0.39         | 5.7          | 0.60        | 5.6         | N    | 8   |
| 最大<br>平均 | 0.52         | 4.9          | 0.79        | 5.4         | 0.93         | 5.4          | 1.14        | 5.8         |      |     |
|          | 0.30         | 4.5          | 0.46        | 5.3         | 0.57         | 5.2          | 0.74        | 5.1         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年11月

| 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  | 348 回 |
| 欠測回数  | 0 回   | 欠測回数  | 12 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.3 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 09  | 00 | * 0.18       | 3.0          | * 0.28      | 4.1         | * 0.36       | 4.7          | 0.49        | 3.3         | NE   | 45  |
|     | 02 | 0.12         | 4.1          | 0.18        | 5.4         | 0.22         | 6.0          | 0.27        | 7.7         | NNE  | 16  |
|     | 04 | 0.11         | 3.2          | 0.18        | 4.4         | 0.22         | 4.9          | 0.31        | 3.6         | NNE  | 29  |
|     | 06 | 0.11         | 3.3          | 0.17        | 4.5         | 0.21         | 5.0          | 0.29        | 5.3         | NNE  | 20  |
|     | 08 | 0.17         | 2.8          | 0.26        | 3.2         | 0.32         | 3.2          | 0.46        | 2.6         | ENE  | 57  |
|     | 10 | 0.09         | 3.7          | 0.14        | 5.5         | 0.17         | 6.2          | 0.22        | 6.2         | N    | 4   |
|     | 12 | 0.18         | 2.6          | 0.27        | 2.7         | 0.35         | 2.6          | * 0.52      | 2.2         | N    | 355 |
|     | 14 | 0.13         | 2.6          | 0.19        | 2.9         | 0.24         | 2.9          | 0.32        | 2.6         | E    | 89  |
|     | 16 | 0.10         | 3.1          | 0.14        | 4.2         | 0.17         | 5.2          | 0.22        | 6.4         | NNE  | 20  |
|     | 18 | 0.11         | 3.3          | 0.15        | 4.6         | 0.18         | 5.1          | 0.22        | 9.3         | NNE  | 29  |
|     | 20 | 0.10         | 3.9          | 0.16        | 5.1         | 0.19         | 5.7          | 0.24        | 5.2         | ENE  | 61  |
|     | 22 | 0.10         | 3.8          | 0.16        | 5.5         | 0.20         | 6.6          | 0.24        | 6.2         | NNW  | 331 |
|     | 最大 | 0.18         | 3.0          | 0.28        | 4.1         | 0.36         | 4.7          | 0.52        | 2.2         |      |     |
|     | 平均 | 0.13         | 3.3          | 0.19        | 4.3         | 0.24         | 4.8          | 0.32        | 5.1         |      |     |
| 10  | 00 | 0.09         | 4.1          | 0.15        | 6.3         | 0.19         | 7.5          | 0.24        | 8.0         | NNE  | 29  |
|     | 02 | 0.10         | 5.0          | 0.17        | 7.5         | 0.21         | 9.2          | 0.28        | 11.1        | NNE  | 33  |
|     | 04 | 0.13         | 3.5          | 0.20        | 5.3         | 0.25         | 6.6          | 0.38        | 7.2         | N    | 0   |
|     | 06 | 0.14         | 3.0          | 0.20        | 4.3         | 0.25         | 5.9          | 0.43        | 6.6         | 欠測   | 欠測  |
|     | 08 | 0.29         | 2.6          | 0.45        | 2.6         | 0.58         | 2.6          | 0.82        | 2.6         | NNE  | 31  |
|     | 10 | 0.14         | 3.1          | 0.21        | 4.5         | 0.27         | 6.0          | 0.40        | 1.6         | N    | 356 |
|     | 12 | 0.40         | 3.1          | 0.63        | 3.3         | 0.79         | 3.2          | 1.02        | 3.0         | WNW  | 303 |
|     | 14 | * 0.46       | 2.9          | * 0.71      | 3.1         | * 0.88       | 3.0          | * 1.30      | 3.0         | NE   | 43  |
|     | 16 | 0.38         | 2.8          | 0.59        | 2.9         | 0.75         | 2.9          | 1.01        | 2.8         | NW   | 319 |
|     | 18 | 0.23         | 2.7          | 0.35        | 2.8         | 0.43         | 2.6          | 0.61        | 2.4         | E    | 83  |
|     | 20 | 0.11         | 3.3          | 0.16        | 5.3         | 0.21         | 6.9          | 0.27        | 10.5        | NNE  | 16  |
|     | 22 | 0.11         | 4.8          | 0.18        | 7.8         | 0.23         | 9.1          | 0.31        | 7.9         | N    | 4   |
|     | 最大 | 0.46         | 2.9          | 0.71        | 3.1         | 0.88         | 3.0          | 1.30        | 3.0         |      |     |
|     | 平均 | 0.21         | 3.4          | 0.33        | 4.6         | 0.42         | 5.5          | 0.59        | 5.6         |      |     |
| 11  | 00 | 0.23         | 3.6          | 0.35        | 5.3         | 0.45         | 6.5          | 0.73        | 2.3         | NNE  | 20  |
|     | 02 | 0.22         | 3.9          | 0.37        | 6.2         | 0.49         | 8.8          | 0.75        | 11.9        | NNE  | 16  |
|     | 04 | 0.32         | 5.9          | 0.59        | 10.1        | 0.79         | 10.7         | 1.03        | 11.0        | NNE  | 12  |
|     | 06 | 0.36         | 6.3          | 0.65        | 10.2        | 0.89         | 10.3         | 1.24        | 10.5        | NNE  | 12  |
|     | 08 | 0.21         | 6.2          | 0.36        | 10.3        | 0.48         | 10.7         | 0.60        | 11.2        | N    | 352 |
|     | 10 | 0.28         | 6.8          | 0.50        | 10.0        | 0.64         | 10.2         | 0.80        | 9.5         | N    | 0   |
|     | 12 | 0.37         | 3.4          | 0.56        | 4.1         | 0.70         | 4.0          | 0.82        | 6.9         | NNE  | 12  |
|     | 14 | * 0.49       | 3.3          | * 0.73      | 3.9         | * 0.93       | 3.8          | * 1.27      | 2.4         | WNW  | 295 |
|     | 16 | 0.35         | 3.1          | 0.52        | 3.8         | 0.65         | 3.7          | 1.04        | 2.7         | N    | 8   |
|     | 18 | 0.17         | 3.3          | 0.27        | 4.8         | 0.35         | 6.3          | 0.52        | 10.1        | N    | 4   |
|     | 20 | 0.17         | 4.9          | 0.28        | 8.3         | 0.37         | 9.6          | 0.45        | 10.1        | N    | 352 |
|     | 22 | 0.22         | 6.6          | 0.38        | 9.5         | 0.48         | 9.6          | 0.65        | 9.4         | N    | 0   |
|     | 最大 | 0.49         | 3.3          | 0.73        | 3.9         | 0.93         | 3.8          | 1.27        | 2.4         |      |     |
|     | 平均 | 0.28         | 4.8          | 0.46        | 7.2         | 0.60         | 7.8          | 0.83        | 8.2         |      |     |
| 12  | 00 | 0.15         | 5.0          | 0.25        | 8.6         | 0.33         | 9.7          | 0.41        | 10.4        | N    | 8   |
|     | 02 | 0.16         | 4.6          | 0.26        | 7.5         | 0.34         | 8.9          | 0.45        | 9.3         | N    | 8   |
|     | 04 | 0.16         | 5.2          | 0.26        | 8.5         | 0.33         | 8.8          | 0.46        | 7.6         | N    | 0   |
|     | 06 | * 0.27       | 3.0          | * 0.42      | 3.8         | * 0.54       | 4.0          | * 0.67      | 2.3         | NNW  | 344 |
|     | 08 | 0.15         | 3.7          | 0.24        | 5.5         | 0.32         | 6.6          | 0.48        | 7.7         | NNE  | 25  |
|     | 10 | 0.13         | 4.3          | 0.21        | 6.8         | 0.27         | 8.3          | 0.33        | 9.4         | NE   | 37  |
|     | 12 | 0.13         | 4.2          | 0.22        | 7.5         | 0.28         | 8.8          | 0.36        | 8.3         | NE   | 41  |
|     | 14 | 0.13         | 4.7          | 0.22        | 7.4         | 0.28         | 8.2          | 0.35        | 8.3         | N    | 352 |
|     | 16 | 0.15         | 3.4          | 0.23        | 5.4         | 0.31         | 6.7          | 0.44        | 7.8         | N    | 4   |
|     | 18 | 0.14         | 3.6          | 0.21        | 5.4         | 0.28         | 6.6          | 0.34        | 8.0         | N    | 4   |
|     | 20 | 0.15         | 3.3          | 0.23        | 5.1         | 0.30         | 5.6          | 0.42        | 9.0         | N    | 352 |
|     | 22 | 0.14         | 3.0          | 0.22        | 4.3         | 0.28         | 5.2          | 0.42        | 7.9         | NNE  | 16  |
|     | 最大 | 0.27         | 3.0          | 0.42        | 3.8         | 0.54         | 4.0          | 0.67        | 2.3         |      |     |
|     | 平均 | 0.16         | 4.0          | 0.25        | 6.3         | 0.32         | 7.3          | 0.43        | 8.0         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年11月

| 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  | 348 回 |
| 欠測回数  | 0 回   | 欠測回数  | 12 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.3 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時   | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-------|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|       |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 13 00 | 0.13         | 3.3          | 0.20        | 5.1         | 0.26         | 5.8          | 0.40        | 8.1         | N    | 4   |
|       | 0.11         | 4.5          | 0.19        | 7.3         | 0.24         | 8.1          | 0.29        | 8.3         | N    | 0   |
|       | 0.12         | 4.8          | 0.18        | 7.5         | 0.24         | 8.8          | 0.28        | 9.5         | N    | 0   |
|       | 0.11         | 4.8          | 0.17        | 7.7         | 0.22         | 8.9          | 0.40        | 8.7         | NNE  | 20  |
|       | 0.11         | 3.9          | 0.18        | 6.1         | 0.22         | 7.1          | 0.39        | 6.8         | NNE  | 33  |
|       | 0.13         | 4.3          | 0.20        | 7.1         | 0.25         | 7.6          | 0.31        | 8.3         | WNW  | 290 |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.16         | 5.7          | 0.26        | 7.8         | 0.31         | 7.9          | 0.37        | 8.9         | NNE  | 29  |
|       | 0.18         | 3.9          | 0.29        | 6.1         | 0.38         | 6.7          | 0.48        | 7.5         | N    | 0   |
|       | * 0.23       | 3.6          | * 0.35      | 5.4         | * 0.44       | 6.1          | * 0.56      | 6.6         | NNE  | 29  |
| 13 00 | 0.17         | 3.5          | 0.27        | 4.9         | 0.35         | 5.9          | 0.50        | 5.5         | NNE  | 12  |
|       | 0.19         | 4.7          | 0.31        | 6.7         | 0.38         | 7.0          | 0.44        | 7.4         | NNE  | 16  |
|       | 0.16         | 3.9          | 0.27        | 6.1         | 0.34         | 6.4          | 0.47        | 6.9         | NE   | 41  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 最大           | 0.23         | 3.6         | 0.35        | 5.4          | 0.44         | 6.1         | 0.56        | 6.6  |     |
|       | 平均           | 0.15         | 4.2         | 0.24        | 6.5          | 0.30         | 7.2         | 0.41        | 7.7  |     |
| 14 00 | 0.15         | 4.4          | 0.25        | 6.5         | 0.32         | 6.6          | 0.45        | 6.2         | N    | 0   |
|       | 0.15         | 4.9          | 0.24        | 6.7         | 0.30         | 6.7          | 0.40        | 6.7         | NNE  | 20  |
|       | 0.11         | 5.0          | 0.18        | 6.9         | 0.23         | 6.9          | 0.32        | 7.3         | ENE  | 74  |
|       | 0.12         | 4.6          | 0.18        | 6.7         | 0.22         | 7.3          | 0.30        | 6.6         | ENE  | 61  |
|       | 0.11         | 3.1          | 0.16        | 4.6         | 0.20         | 5.5          | 0.26        | 7.0         | NNE  | 20  |
|       | 0.14         | 2.7          | 0.21        | 3.1         | 0.26         | 3.0          | 0.36        | 7.1         | N    | 4   |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.08         | 3.7          | 0.13        | 5.7         | 0.16         | 6.3          | 0.21        | 7.9         | NNE  | 29  |
|       | 0.08         | 3.4          | 0.13        | 5.1         | 0.17         | 5.8          | 0.23        | 6.9         | NNE  | 16  |
|       | * 0.28       | 2.7          | * 0.43      | 2.8         | * 0.56       | 2.8          | * 0.82      | 2.8         | N    | 357 |
| 14 00 | 0.20         | 2.6          | 0.31        | 2.7         | 0.40         | 2.7          | 0.68        | 2.5         | N    | 10  |
|       | 0.10         | 2.7          | 0.14        | 3.4         | 0.18         | 3.7          | 0.26        | 6.0         | NNE  | 25  |
|       | 0.08         | 4.1          | 0.12        | 6.1         | 0.15         | 6.4          | 0.20        | 6.5         | NNE  | 16  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 最大           | 0.28         | 2.7         | 0.43        | 2.8          | 0.56         | 2.8         | 0.82        | 2.8  |     |
|       | 平均           | 0.13         | 3.7         | 0.21        | 5.0          | 0.26         | 5.3         | 0.37        | 6.1  |     |
| 15 00 | 0.07         | 3.2          | 0.10        | 4.9         | 0.13         | 6.0          | 0.18        | 6.8         | N    | 4   |
|       | 0.09         | 2.8          | 0.13        | 4.1         | 0.17         | 5.3          | 0.21        | 7.0         | NNE  | 33  |
|       | 0.07         | 3.2          | 0.11        | 4.5         | 0.14         | 5.2          | 0.19        | 3.1         | E    | 82  |
|       | 0.08         | 3.3          | 0.13        | 4.9         | 0.17         | 5.5          | 0.28        | 5.8         | NE   | 45  |
|       | 0.09         | 3.1          | 0.14        | 4.5         | 0.17         | 5.1          | 0.25        | 3.7         | NNE  | 20  |
|       | 0.10         | 4.4          | 0.16        | 6.3         | 0.19         | 6.5          | 0.24        | 6.5         | ENE  | 70  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | * 0.17       | 2.6          | * 0.25      | 2.8         | * 0.34       | 2.8          | * 0.57      | 2.4         | WNW  | 296 |
|       | 0.10         | 3.2          | 0.17        | 4.7         | 0.22         | 5.8          | 0.29        | 5.4         | N    | 356 |
|       | 0.09         | 4.5          | 0.13        | 6.5         | 0.17         | 6.7          | 0.23        | 7.0         | NNE  | 20  |
| 15 00 | 0.10         | 4.6          | 0.16        | 6.2         | 0.19         | 6.5          | 0.24        | 6.1         | NE   | 49  |
|       | 0.13         | 3.9          | 0.21        | 5.2         | 0.25         | 5.2          | 0.39        | 5.5         | NNE  | 20  |
|       | 0.15         | 4.0          | 0.23        | 5.2         | 0.28         | 5.3          | 0.35        | 4.6         | NNE  | 20  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 最大           | 0.17         | 2.6         | 0.25        | 2.8          | 0.34         | 2.8         | 0.57        | 2.4  |     |
|       | 平均           | 0.10         | 3.6         | 0.16        | 5.0          | 0.20         | 5.5         | 0.28        | 5.3  |     |
| 16 00 | 0.15         | 3.9          | 0.23        | 5.2         | 0.28         | 5.2          | 0.34        | 5.0         | NNE  | 29  |
|       | 0.19         | 3.6          | 0.28        | 4.4         | 0.35         | 4.9          | 0.44        | 8.2         | N    | 8   |
|       | 0.26         | 3.3          | 0.38        | 3.8         | 0.48         | 3.7          | 0.61        | 3.6         | NNW  | 340 |
|       | 0.49         | 3.3          | 0.75        | 3.8         | 0.92         | 3.8          | 1.08        | 3.9         | N    | 8   |
|       | 0.38         | 3.4          | 0.60        | 4.0         | 0.75         | 4.1          | 1.03        | 3.9         | ENE  | 61  |
|       | 0.36         | 3.9          | 0.56        | 4.5         | 0.71         | 4.6          | 1.07        | 4.9         | NE   | 37  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.32         | 4.1          | 0.53        | 5.1         | 0.65         | 5.3          | 0.80        | 5.3         | NNE  | 25  |
|       | 0.30         | 4.6          | 0.45        | 5.4         | 0.55         | 5.4          | 0.71        | 4.3         | NNE  | 25  |
|       | 0.30         | 4.0          | 0.45        | 5.1         | 0.55         | 5.1          | 0.84        | 4.5         | N    | 4   |
| 16 00 | 0.42         | 3.4          | 0.65        | 3.8         | 0.80         | 3.9          | 1.12        | 3.8         | E    | 90  |
|       | * 0.51       | 3.8          | * 0.79      | 4.5         | * 0.97       | 4.6          | * 1.30      | 5.6         | NNE  | 20  |
|       | 0.43         | 4.4          | 0.68        | 5.4         | 0.88         | 5.3          | 1.23        | 4.8         | NNE  | 16  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 最大           | 0.51         | 3.8         | 0.79        | 4.5          | 0.97         | 4.6         | 1.30        | 5.6  |     |
|       | 平均           | 0.34         | 3.8         | 0.53        | 4.6          | 0.66         | 4.7         | 0.88        | 4.8  |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年11月

| 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  | 348 回 |
| 欠測回数  | 0 回   | 欠測回数  | 12 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.3 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 17 | 00 | 0.35         | 4.5          | 0.53        | 5.3         | 0.67         | 5.4          | 0.82        | 4.6         | NNE  | 20  |
|    | 02 | 0.34         | 4.7          | 0.55        | 5.6         | 0.68         | 5.3          | 0.89        | 5.4         | NNE  | 16  |
|    | 04 | 0.36         | 4.8          | 0.54        | 5.5         | 0.67         | 5.7          | 0.88        | 4.8         | NNE  | 20  |
|    | 06 | * 0.39       | 5.6          | * 0.62      | 6.5         | * 0.79       | 6.3          | * 1.10      | 5.9         | NNE  | 25  |
|    | 08 | 0.34         | 5.2          | 0.54        | 6.5         | 0.66         | 6.6          | 0.89        | 6.8         | N    | 8   |
|    | 10 | 0.33         | 5.3          | 0.52        | 6.4         | 0.64         | 6.5          | 0.80        | 6.4         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.35         | 5.3          | 0.56        | 6.3         | 0.71         | 6.5          | 1.01        | 6.4         | NNE  | 20  |
|    | 14 | 0.30         | 5.2          | 0.47        | 6.3         | 0.58         | 6.0          | 0.68        | 5.4         | NNE  | 16  |
|    | 16 | 0.32         | 5.1          | 0.50        | 6.1         | 0.63         | 6.1          | 0.79        | 6.5         | NNE  | 20  |
|    | 18 | 0.31         | 4.5          | 0.48        | 5.8         | 0.59         | 6.1          | 0.72        | 5.0         | NNE  | 16  |
|    | 20 | 0.32         | 5.3          | 0.49        | 6.4         | 0.59         | 6.3          | 0.77        | 6.4         | N    | 4   |
|    | 22 | 0.36         | 5.7          | 0.54        | 6.7         | 0.65         | 6.8          | 0.83        | 6.8         | NNE  | 12  |
|    | 最大 | 0.39         | 5.6          | 0.62        | 6.5         | 0.79         | 6.3          | 1.10        | 5.9         |      |     |
|    | 平均 | 0.34         | 5.1          | 0.53        | 6.1         | 0.66         | 6.1          | 0.85        | 5.9         |      |     |
| 18 | 00 | * 0.34       | 5.7          | * 0.53      | 6.7         | * 0.63       | 6.7          | * 0.93      | 6.3         | NNE  | 12  |
|    | 02 | 0.25         | 5.1          | 0.42        | 6.6         | 0.53         | 6.6          | 0.67        | 5.9         | NNE  | 25  |
|    | 04 | 0.21         | 4.9          | 0.33        | 6.3         | 0.40         | 6.4          | 0.50        | 7.3         | N    | 0   |
|    | 06 | 0.16         | 4.9          | 0.26        | 6.2         | 0.33         | 6.1          | 0.42        | 6.4         | NNE  | 29  |
|    | 08 | 0.14         | 3.7          | 0.23        | 5.5         | 0.29         | 6.0          | 0.37        | 7.0         | NNE  | 16  |
|    | 10 | 0.13         | 3.5          | 0.21        | 5.6         | 0.27         | 6.3          | 0.33        | 8.0         | N    | 8   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.12         | 3.8          | 0.20        | 5.8         | 0.26         | 6.6          | 0.34        | 7.6         | NE   | 49  |
|    | 14 | 0.21         | 2.8          | 0.33        | 3.2         | 0.42         | 3.3          | 0.56        | 2.4         | NNE  | 25  |
|    | 16 | 0.26         | 2.8          | 0.39        | 3.0         | 0.49         | 2.8          | 0.69        | 2.3         | NNW  | 330 |
|    | 18 | 0.17         | 2.8          | 0.25        | 3.4         | 0.31         | 3.4          | 0.40        | 2.7         | N    | 356 |
|    | 20 | 0.11         | 3.7          | 0.16        | 5.1         | 0.20         | 5.6          | 0.23        | 7.6         | 欠測   | 欠測  |
|    | 22 | 0.08         | 3.2          | 0.13        | 4.7         | 0.16         | 6.0          | 0.22        | 3.8         | ENE  | 61  |
|    | 最大 | 0.34         | 5.7          | 0.53        | 6.7         | 0.63         | 6.7          | 0.93        | 6.3         |      |     |
|    | 平均 | 0.18         | 3.9          | 0.29        | 5.2         | 0.36         | 5.5          | 0.47        | 5.6         |      |     |
| 19 | 00 | 0.07         | 3.0          | 0.10        | 4.5         | 0.13         | 4.9          | 0.23        | 6.9         | 欠測   | 欠測  |
|    | 02 | 0.07         | 3.2          | 0.10        | 4.8         | 0.13         | 5.5          | 0.19        | 5.8         | N    | 8   |
|    | 04 | 0.07         | 2.9          | 0.11        | 4.2         | 0.14         | 5.1          | 0.19        | 5.8         | NNE  | 33  |
|    | 06 | 0.09         | 2.4          | 0.14        | 3.0         | 0.17         | 2.9          | 0.29        | 1.7         | E    | 82  |
|    | 08 | 0.08         | 2.8          | 0.12        | 3.8         | 0.15         | 4.1          | 0.20        | 4.0         | NNW  | 331 |
|    | 10 | 0.08         | 3.4          | 0.12        | 5.1         | 0.14         | 5.7          | 0.21        | 2.3         | N    | 0   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.09         | 2.9          | 0.15        | 3.9         | 0.18         | 4.2          | 0.29        | 1.6         | NNW  | 348 |
|    | 14 | 0.12         | 2.4          | 0.18        | 2.9         | 0.23         | 2.8          | 0.32        | 1.6         | N    | 356 |
|    | 16 | 0.14         | 2.5          | 0.22        | 2.8         | 0.28         | 2.8          | * 0.41      | 1.8         | E    | 90  |
|    | 18 | * 0.16       | 3.0          | * 0.24      | 3.9         | * 0.30       | 4.9          | 0.40        | 6.9         | NNW  | 344 |
|    | 20 | 0.10         | 3.6          | 0.15        | 5.6         | 0.20         | 6.8          | 0.24        | 7.1         | NNE  | 20  |
|    | 22 | 0.09         | 3.9          | 0.15        | 5.8         | 0.18         | 6.4          | 0.22        | 5.8         | NNW  | 331 |
|    | 最大 | 0.16         | 3.0          | 0.24        | 3.9         | 0.30         | 4.9          | 0.41        | 1.8         |      |     |
|    | 平均 | 0.10         | 3.0          | 0.15        | 4.2         | 0.19         | 4.7          | 0.27        | 4.3         |      |     |
| 20 | 00 | 0.11         | 4.7          | 0.18        | 6.1         | 0.23         | 6.1          | 0.34        | 5.7         | NNE  | 29  |
|    | 02 | 0.21         | 4.1          | 0.33        | 4.5         | 0.43         | 4.4          | 0.67        | 4.1         | NE   | 53  |
|    | 04 | 0.62         | 3.8          | 0.99        | 4.4         | 1.27         | 4.3          | 1.87        | 4.4         | NNE  | 29  |
|    | 06 | * 0.65       | 3.8          | * 1.02      | 4.5         | * 1.28       | 4.5          | * 2.07      | 4.2         | NNE  | 16  |
|    | 08 | 0.60         | 3.8          | 0.93        | 4.5         | 1.14         | 4.6          | 1.44        | 5.0         | NNE  | 12  |
|    | 10 | 0.52         | 3.7          | 0.81        | 4.5         | 1.02         | 4.4          | 1.43        | 5.5         | NNE  | 29  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.44         | 3.8          | 0.71        | 4.8         | 0.91         | 4.9          | 1.46        | 3.8         | NNE  | 20  |
|    | 14 | 0.47         | 3.8          | 0.72        | 4.6         | 0.93         | 4.7          | 1.24        | 3.4         | NNE  | 20  |
|    | 16 | 0.50         | 3.7          | 0.76        | 4.4         | 0.96         | 4.4          | 1.59        | 4.3         | NNE  | 20  |
|    | 18 | 0.47         | 3.6          | 0.73        | 4.2         | 0.93         | 4.2          | 1.34        | 3.8         | NNE  | 25  |
|    | 20 | 0.45         | 3.7          | 0.69        | 4.4         | 0.86         | 4.5          | 1.09        | 4.0         | NE   | 49  |
|    | 22 | 0.38         | 4.0          | 0.59        | 5.3         | 0.75         | 5.7          | 0.99        | 5.6         | NE   | 41  |
|    | 最大 | 0.65         | 3.8          | 1.02        | 4.5         | 1.28         | 4.5          | 2.07        | 4.2         |      |     |
|    | 平均 | 0.45         | 3.9          | 0.70        | 4.7         | 0.89         | 4.7          | 1.29        | 4.5         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年11月

| 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  | 348 回 |
| 欠測回数  | 0 回   | 欠測回数  | 12 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.3 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 21  | 00 | 0.36         | 5.0          | 0.56        | 6.9         | 0.71         | 7.2          | 0.95        | 8.1         | NNE  | 12  |
|     | 02 | 0.37         | 5.8          | 0.58        | 7.7         | 0.72         | 7.6          | 0.95        | 7.4         | N    | 8   |
|     | 04 | 0.42         | 6.1          | 0.68        | 7.8         | 0.83         | 7.5          | 1.06        | 7.7         | NNE  | 12  |
|     | 06 | 0.38         | 6.0          | 0.64        | 8.1         | 0.78         | 8.1          | 0.89        | 8.0         | NNE  | 25  |
|     | 08 | 0.43         | 7.0          | 0.70        | 8.7         | 0.90         | 8.9          | 1.19        | 8.6         | NNE  | 29  |
|     | 10 | 0.37         | 5.7          | 0.61        | 7.8         | 0.79         | 8.3          | 0.92        | 9.1         | NNE  | 20  |
|     | 12 | 0.41         | 7.1          | 0.63        | 8.5         | 0.75         | 8.4          | 0.85        | 8.6         | 欠測   | 欠測  |
|     | 14 | 0.36         | 5.7          | 0.59        | 7.9         | 0.73         | 8.1          | 1.05        | 8.8         | NNE  | 25  |
|     | 16 | 0.38         | 5.6          | 0.62        | 7.7         | 0.76         | 7.8          | 1.03        | 8.5         | NNE  | 16  |
|     | 18 | * 0.49       | 5.7          | * 0.79      | 7.5         | * 1.00       | 8.1          | * 1.23      | 8.9         | NNE  | 16  |
|     | 20 | 0.46         | 6.6          | 0.73        | 8.6         | 0.89         | 8.8          | 1.23        | 8.3         | N    | 4   |
|     | 22 | 0.41         | 6.0          | 0.64        | 8.1         | 0.79         | 8.7          | 0.97        | 8.3         | N    | 4   |
|     | 最大 | 0.49         | 5.7          | 0.79        | 7.5         | 1.00         | 8.1          | 1.23        | 8.9         |      |     |
|     | 平均 | 0.40         | 6.0          | 0.65        | 7.9         | 0.80         | 8.1          | 1.03        | 8.4         |      |     |
| 22  | 00 | 0.35         | 5.9          | 0.58        | 8.2         | 0.77         | 8.0          | * 1.11      | 7.9         | N    | 0   |
|     | 02 | 0.32         | 6.2          | 0.52        | 8.6         | 0.64         | 8.8          | 0.92        | 8.6         | N    | 4   |
|     | 04 | 0.33         | 6.9          | 0.52        | 9.3         | 0.63         | 9.6          | 0.71        | 8.6         | N    | 4   |
|     | 06 | 0.26         | 6.5          | 0.41        | 8.6         | 0.50         | 8.5          | 0.72        | 7.7         | NE   | 45  |
|     | 08 | 0.23         | 6.2          | 0.37        | 8.4         | 0.46         | 8.8          | 0.63        | 8.8         | NNE  | 33  |
|     | 10 | 0.17         | 4.6          | 0.29        | 7.2         | 0.38         | 8.1          | 0.49        | 7.8         | NNE  | 33  |
|     | 12 | 0.21         | 4.0          | 0.32        | 6.1         | 0.43         | 8.0          | 0.72        | 8.1         | NNE  | 16  |
|     | 14 | 0.17         | 3.9          | 0.27        | 6.1         | 0.36         | 7.3          | 0.49        | 8.5         | NNE  | 16  |
|     | 16 | 0.22         | 3.0          | 0.33        | 3.9         | 0.43         | 5.1          | 0.56        | 7.0         | NNE  | 12  |
|     | 18 | 0.31         | 2.9          | 0.46        | 3.2         | 0.61         | 3.1          | 0.96        | 2.8         | NNE  | 25  |
|     | 20 | * 0.45       | 3.2          | * 0.68      | 3.5         | * 0.85       | 3.4          | 1.05        | 3.6         | NNW  | 340 |
|     | 22 | 0.24         | 3.2          | 0.38        | 3.4         | 0.47         | 3.4          | 0.64        | 3.5         | NNE  | 12  |
|     | 最大 | 0.45         | 3.2          | 0.68        | 3.5         | 0.85         | 3.4          | 1.11        | 7.9         |      |     |
|     | 平均 | 0.27         | 4.7          | 0.43        | 6.4         | 0.54         | 6.8          | 0.75        | 6.9         |      |     |
| 23  | 00 | 0.14         | 3.6          | 0.22        | 4.9         | 0.27         | 5.0          | 0.35        | 7.2         | NE   | 37  |
|     | 02 | 0.14         | 4.6          | 0.22        | 7.1         | 0.29         | 8.5          | 0.37        | 7.6         | NNW  | 331 |
|     | 04 | * 0.24       | 5.8          | * 0.39      | 8.5         | * 0.49       | 9.2          | 0.59        | 11.2        | NNW  | 344 |
|     | 06 | 0.20         | 5.5          | 0.33        | 8.2         | 0.43         | 9.0          | 0.54        | 6.8         | N    | 352 |
|     | 08 | 0.17         | 4.7          | 0.27        | 7.4         | 0.35         | 9.2          | 0.47        | 8.6         | NNW  | 344 |
|     | 10 | 0.16         | 3.0          | 0.24        | 4.1         | 0.30         | 5.4          | 0.39        | 9.6         | NW   | 323 |
|     | 12 | 0.18         | 2.8          | 0.27        | 3.5         | 0.34         | 4.4          | 0.47        | 2.1         | N    | 0   |
|     | 14 | 0.18         | 2.7          | 0.27        | 3.1         | 0.34         | 2.9          | 0.57        | 1.7         | NE   | 56  |
|     | 16 | 0.18         | 3.9          | 0.28        | 6.0         | 0.36         | 8.4          | 0.50        | 11.8        | WNW  | 299 |
|     | 18 | 0.20         | 4.9          | 0.32        | 7.4         | 0.40         | 9.2          | * 0.62      | 11.7        | NNE  | 25  |
|     | 20 | 0.22         | 4.0          | 0.33        | 5.8         | 0.40         | 8.0          | 0.55        | 7.7         | NNE  | 25  |
|     | 22 | 0.20         | 4.2          | 0.31        | 6.5         | 0.41         | 8.8          | 0.57        | 11.5        | NNW  | 331 |
|     | 最大 | 0.24         | 5.8          | 0.39        | 8.5         | 0.49         | 9.2          | 0.62        | 11.7        |      |     |
|     | 平均 | 0.18         | 4.1          | 0.29        | 6.0         | 0.36         | 7.3          | 0.50        | 8.1         |      |     |
| 24  | 00 | 0.18         | 5.3          | 0.33        | 9.8         | 0.44         | 10.8         | 0.62        | 10.7        | NNW  | 331 |
|     | 02 | 0.22         | 5.7          | 0.39        | 9.9         | 0.50         | 11.0         | 0.60        | 11.7        | N    | 8   |
|     | 04 | 0.28         | 3.8          | 0.44        | 5.5         | 0.57         | 7.2          | 1.02        | 11.1        | N    | 352 |
|     | 06 | 0.39         | 3.3          | 0.59        | 4.0         | 0.73         | 4.7          | 0.93        | 2.8         | NNE  | 12  |
|     | 08 | 0.32         | 3.8          | 0.47        | 4.9         | 0.58         | 6.1          | 0.74        | 8.3         | NNW  | 348 |
|     | 10 | 0.32         | 3.8          | 0.49        | 5.6         | 0.63         | 8.1          | 0.92        | 9.5         | NNW  | 344 |
|     | 12 | 0.41         | 3.8          | 0.62        | 5.3         | 0.75         | 6.9          | 1.01        | 9.1         | NNE  | 16  |
|     | 14 | * 0.54       | 3.4          | * 0.81      | 4.0         | * 1.00       | 3.6          | 1.31        | 3.6         | N    | 352 |
|     | 16 | 0.37         | 4.1          | 0.58        | 6.0         | 0.78         | 9.1          | * 1.32      | 11.0        | NNW  | 348 |
|     | 18 | 0.30         | 6.2          | 0.50        | 10.3        | 0.65         | 11.0         | 0.85        | 11.5        | N    | 352 |
|     | 20 | 0.28         | 5.4          | 0.49        | 9.9         | 0.64         | 10.6         | 0.88        | 11.1        | N    | 0   |
|     | 22 | 0.46         | 9.1          | 0.72        | 11.1        | 0.84         | 10.8         | 1.08        | 11.4        | NNW  | 348 |
|     | 最大 | 0.54         | 3.4          | 0.81        | 4.0         | 1.00         | 3.6          | 1.32        | 11.0        |      |     |
|     | 平均 | 0.34         | 4.8          | 0.54        | 7.2         | 0.68         | 8.3          | 0.94        | 9.3         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

| 2021年11月           |              |              |                    |             |              | 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        | 348 回          |     |     |
|                    |              |              |                    |             |              | 欠測回数                               | 0 回          | 欠測回数        | 12 回           |     |     |
|                    |              |              |                    |             |              | 欠 測 率                              | 0.0 %        | 欠 測 率       | 3.3 %          |     |     |
| 機種：波向 海象計 - 20.9 m |              |              |                    |             |              |                                    |              |             |                |     |     |
| 観測所：伏木富山港富山地区      |              |              | 機種：波高 海象計 - 20.9 m |             |              | 緯度：N 36° -46′-40 経度：E 137° -12′-18 |              |             |                |     |     |
| 日 時                | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m)        | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s)                       | Hmax<br>(m)  | Tmax<br>(s) | 波 向<br>16方位 角度 |     |     |
| 25                 | 00           | 0.44         | 8.0                | 0.77        | 11.3         | 0.97                               | 11.2         | 1.15        | 12.2           | N   | 352 |
|                    | 02           | * 0.53       | 9.1                | * 0.87      | 11.4         | * 1.08                             | 11.3         | * 1.44      | 10.5           | NNW | 340 |
|                    | 04           | 0.47         | 7.8                | 0.80        | 10.7         | 0.99                               | 10.8         | 1.31        | 10.8           | NNW | 340 |
|                    | 06           | 0.49         | 8.5                | 0.79        | 10.5         | 0.98                               | 10.7         | 1.11        | 8.5            | N   | 352 |
|                    | 08           | 0.36         | 7.5                | 0.60        | 10.2         | 0.73                               | 10.5         | 0.84        | 10.4           | N   | 4   |
|                    | 10           | 0.28         | 6.3                | 0.47        | 9.4          | 0.60                               | 9.6          | 0.87        | 9.8            | NNE | 12  |
|                    | 12           | 0.33         | 3.1                | 0.50        | 3.9          | 0.61                               | 4.6          | 0.78        | 2.6            | NNE | 33  |
|                    | 14           | 0.28         | 4.5                | 0.46        | 7.5          | 0.59                               | 8.7          | 0.77        | 8.6            | N   | 0   |
|                    | 16           | 0.31         | 3.6                | 0.46        | 4.8          | 0.59                               | 6.1          | 0.75        | 2.2            | NNE | 20  |
|                    | 18           | 0.24         | 3.4                | 0.38        | 5.1          | 0.50                               | 7.3          | 0.74        | 8.4            | NNE | 12  |
|                    | 20           | 0.21         | 6.3                | 0.34        | 8.8          | 0.43                               | 9.4          | 0.50        | 11.0           | N   | 0   |
|                    | 22           | 0.23         | 3.6                | 0.38        | 5.7          | 0.51                               | 7.1          | 0.72        | 9.4            | NNE | 20  |
| 最大<br>平均           | 0.53<br>0.35 | 9.1<br>6.0   | 0.87<br>0.57       | 11.4<br>8.3 | 1.08<br>0.71 | 11.3<br>8.9                        | 1.44<br>0.92 | 10.5<br>8.7 |                |     |     |
| 26                 | 00           | 0.21         | 5.0                | 0.35        | 7.4          | 0.45                               | 7.6          | 0.59        | 8.5            | NNE | 16  |
|                    | 02           | 0.31         | 5.4                | 0.49        | 7.2          | 0.58                               | 7.5          | 0.72        | 8.5            | N   | 4   |
|                    | 04           | 0.31         | 5.6                | 0.47        | 7.1          | 0.58                               | 6.9          | 0.76        | 7.0            | NNE | 16  |
|                    | 06           | 0.36         | 5.3                | 0.56        | 6.4          | 0.70                               | 6.5          | 0.96        | 7.4            | ENE | 57  |
|                    | 08           | 0.35         | 5.5                | 0.59        | 6.4          | 0.77                               | 6.7          | 1.09        | 6.8            | NNE | 16  |
|                    | 10           | * 0.41       | 6.1                | * 0.62      | 6.9          | * 0.78                             | 7.0          | * 1.19      | 7.0            | NE  | 45  |
|                    | 12           | 0.35         | 4.8                | 0.56        | 6.5          | 0.68                               | 6.1          | 1.01        | 6.1            | NNE | 20  |
|                    | 14           | 0.30         | 4.5                | 0.50        | 6.7          | 0.62                               | 6.9          | 0.73        | 6.8            | NNE | 16  |
|                    | 16           | 0.28         | 4.2                | 0.43        | 6.1          | 0.52                               | 6.8          | 0.66        | 6.7            | NNE | 20  |
|                    | 18           | 0.22         | 3.9                | 0.36        | 5.9          | 0.45                               | 6.8          | 0.56        | 6.2            | N   | 0   |
|                    | 20           | 0.27         | 2.7                | 0.40        | 3.2          | 0.51                               | 3.0          | 0.79        | 2.2            | N   | 0   |
|                    | 22           | 0.22         | 4.8                | 0.36        | 7.1          | 0.45                               | 7.6          | 0.58        | 8.2            | NNE | 12  |
| 最大<br>平均           | 0.41<br>0.30 | 6.1<br>4.8   | 0.62<br>0.47       | 6.9<br>6.4  | 0.78<br>0.59 | 7.0<br>6.6                         | 1.19<br>0.80 | 7.0<br>6.8  |                |     |     |
| 27                 | 00           | 0.26         | 5.0                | 0.42        | 6.9          | 0.54                               | 7.2          | 0.70        | 6.9            | NNE | 33  |
|                    | 02           | 0.43         | 3.6                | 0.65        | 4.8          | 0.82                               | 5.2          | 1.24        | 6.5            | NNE | 16  |
|                    | 04           | 0.64         | 5.0                | 1.01        | 6.9          | 1.28                               | 6.7          | 1.88        | 6.9            | NNE | 20  |
|                    | 06           | 0.70         | 6.2                | 1.04        | 7.1          | 1.28                               | 6.8          | 1.57        | 8.3            | NNE | 12  |
|                    | 08           | 0.65         | 5.7                | 1.02        | 6.5          | 1.30                               | 6.4          | 1.61        | 6.2            | NNE | 12  |
|                    | 10           | 0.59         | 5.6                | 0.92        | 6.5          | 1.16                               | 6.7          | 1.51        | 5.5            | NNE | 12  |
|                    | 12           | 0.52         | 5.7                | 0.80        | 6.8          | 1.01                               | 6.6          | 1.39        | 6.7            | N   | 8   |
|                    | 14           | 0.49         | 4.4                | 0.80        | 6.3          | 1.02                               | 7.0          | 1.25        | 7.0            | NNE | 16  |
|                    | 16           | 0.60         | 5.2                | 0.95        | 7.0          | 1.19                               | 7.9          | 1.43        | 6.8            | NNE | 12  |
|                    | 18           | 0.75         | 6.1                | 1.20        | 8.0          | 1.43                               | 8.0          | 2.00        | 8.6            | N   | 4   |
|                    | 20           | * 0.83       | 6.8                | * 1.33      | 8.5          | * 1.76                             | 8.8          | * 2.49      | 8.5            | NNE | 12  |
|                    | 22           | 0.80         | 6.5                | 1.30        | 8.1          | 1.64                               | 8.6          | 2.07        | 8.5            | NNE | 12  |
| 最大<br>平均           | 0.83<br>0.60 | 6.8<br>5.5   | 1.33<br>0.95       | 8.5<br>6.9  | 1.76<br>1.20 | 8.8<br>7.2                         | 2.49<br>1.60 | 8.5<br>7.2  |                |     |     |
| 28                 | 00           | 0.78         | 7.3                | 1.23        | 8.5          | 1.59                               | 8.2          | 1.99        | 8.3            | NNE | 12  |
|                    | 02           | 0.63         | 6.7                | 1.03        | 8.4          | 1.34                               | 8.4          | 1.97        | 8.0            | NNE | 25  |
|                    | 04           | 0.70         | 7.5                | 1.12        | 8.8          | 1.43                               | 8.8          | 1.76        | 8.0            | N   | 4   |
|                    | 06           | 0.78         | 7.9                | 1.24        | 10.0         | 1.57                               | 11.1         | 2.02        | 10.7           | N   | 8   |
|                    | 08           | 0.89         | 8.4                | 1.41        | 9.7          | * 1.88                             | 10.3         | * 3.18      | 8.9            | NNE | 16  |
|                    | 10           | 0.88         | 8.2                | 1.40        | 10.1         | 1.79                               | 9.9          | 2.18        | 9.3            | NNE | 20  |
|                    | 12           | * 0.96       | 9.2                | * 1.47      | 10.8         | 1.82                               | 10.4         | 2.42        | 11.3           | NNE | 12  |
|                    | 14           | 0.86         | 8.8                | 1.36        | 10.7         | 1.66                               | 10.5         | 1.89        | 11.3           | N   | 8   |
|                    | 16           | 0.87         | 8.4                | 1.45        | 10.5         | 1.79                               | 10.6         | 2.07        | 11.8           | NNE | 16  |
|                    | 18           | 0.85         | 8.3                | 1.36        | 10.2         | 1.70                               | 10.3         | 2.34        | 8.7            | N   | 4   |
|                    | 20           | 0.68         | 7.6                | 1.09        | 9.7          | 1.38                               | 9.7          | 1.67        | 9.3            | NNE | 12  |
|                    | 22           | 0.87         | 8.7                | 1.37        | 10.8         | 1.64                               | 10.7         | 1.96        | 10.7           | NNE | 12  |
| 最大<br>平均           | 0.96<br>0.81 | 9.2<br>8.1   | 1.47<br>1.29       | 10.8<br>9.9 | 1.88<br>1.63 | 10.3<br>9.9                        | 3.18<br>2.12 | 8.9<br>9.7  |                |     |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021年11月

| 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  | 348 回 |
| 欠測回数  | 0 回   | 欠測回数  | 12 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.3 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日   | 時    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|-----|------|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|     |      | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 29  | 00   | 0.66   | 8.0   | * 1.06 | 10.1 | * 1.31 | 9.6   | 1.62   | 9.7  | NNE  | 16  |
|     | 02   | * 0.66 | 8.5   | 1.03   | 10.0 | 1.27   | 10.2  | * 1.68 | 9.5  | N    | 4   |
|     | 04   | 0.48   | 7.2   | 0.79   | 9.0  | 1.02   | 9.2   | 1.36   | 9.8  | NNE  | 20  |
|     | 06   | 0.39   | 7.3   | 0.59   | 8.5  | 0.70   | 8.3   | 0.93   | 9.4  | NNE  | 25  |
|     | 08   | 0.37   | 7.2   | 0.60   | 9.1  | 0.72   | 8.9   | 1.07   | 8.1  | N    | 4   |
|     | 10   | 0.34   | 6.9   | 0.55   | 8.5  | 0.68   | 8.3   | 0.85   | 9.3  | NNE  | 25  |
|     | 12   | 0.29   | 6.6   | 0.46   | 8.2  | 0.59   | 8.1   | 0.93   | 8.2  | NNE  | 16  |
|     | 14   | 0.27   | 6.6   | 0.42   | 8.3  | 0.52   | 8.3   | 0.73   | 8.2  | NNE  | 16  |
|     | 16   | 0.23   | 4.4   | 0.39   | 6.7  | 0.50   | 7.3   | 0.78   | 8.1  | NNE  | 20  |
|     | 18   | 0.19   | 5.8   | 0.29   | 7.5  | 0.36   | 7.3   | 0.50   | 6.7  | NNE  | 20  |
|     | 20   | 0.16   | 5.3   | 0.27   | 7.2  | 0.32   | 7.1   | 0.38   | 6.9  | 欠測   | 欠測  |
|     | 22   | 0.15   | 5.3   | 0.24   | 6.8  | 0.30   | 6.8   | 0.36   | 6.9  | 欠測   | 欠測  |
|     | 最大   | 0.66   | 8.5   | 1.06   | 10.1 | 1.31   | 9.6   | 1.68   | 9.5  |      |     |
|     | 平均   | 0.35   | 6.6   | 0.56   | 8.3  | 0.69   | 8.3   | 0.93   | 8.4  |      |     |
| 30  | 00   | 0.11   | 4.6   | 0.17   | 6.4  | 0.21   | 6.2   | 0.30   | 5.8  | 欠測   | 欠測  |
|     | 02   | 0.10   | 4.4   | 0.16   | 6.2  | 0.20   | 6.3   | 0.25   | 6.2  | 欠測   | 欠測  |
|     | 04   | 0.10   | 3.9   | 0.15   | 5.7  | 0.19   | 6.1   | 0.29   | 5.6  | 欠測   | 欠測  |
|     | 06   | 0.11   | 3.0   | 0.17   | 4.1  | 0.22   | 3.9   | 0.38   | 1.8  | 欠測   | 欠測  |
|     | 08   | 0.08   | 3.4   | 0.12   | 5.2  | 0.15   | 6.0   | 0.28   | 5.8  | NE   | 45  |
|     | 10   | 0.12   | 2.2   | 0.20   | 2.5  | 0.27   | 2.3   | 0.41   | 2.2  | W    | 272 |
|     | 12   | 0.12   | 2.5   | 0.18   | 2.9  | 0.23   | 2.9   | 0.30   | 4.2  | NE   | 36  |
|     | 14   | 0.12   | 2.3   | 0.18   | 2.6  | 0.24   | 2.7   | 0.35   | 1.7  | NNE  | 26  |
|     | 16   | 0.19   | 2.2   | 0.29   | 2.1  | 0.37   | 2.1   | 0.59   | 2.3  | N    | 0   |
|     | 18   | 0.10   | 2.4   | 0.16   | 2.8  | 0.20   | 2.7   | 0.33   | 1.7  | NE   | 42  |
|     | 20   | * 0.30 | 2.4   | * 0.47 | 2.4  | * 0.60 | 2.4   | * 1.01 | 2.3  | WNW  | 285 |
|     | 22   | 0.14   | 2.1   | 0.22   | 2.1  | 0.29   | 2.0   | 0.44   | 2.0  | NNW  | 343 |
|     | 最大   | 0.30   | 2.4   | 0.47   | 2.4  | 0.60   | 2.4   | 1.01   | 2.3  |      |     |
|     | 平均   | 0.13   | 2.9   | 0.21   | 3.8  | 0.26   | 3.8   | 0.41   | 3.5  |      |     |
| 月最大 | 0.96 | 9.2    | 1.47  | 10.8   | 1.88 | 10.3   | 3.18  | 8.9    |      |      |     |
|     | 起時   | 2812   |       | 2812   |      | 2808   |       | 2808   |      |      |     |
|     | 平均   | 0.30   | 4.7   | 0.47   | 6.1  | 0.59   | 6.5   | 0.80   | 6.6  |      |     |

波浪整理表（1）

| 2021年12月                             |    |        |       |        |      |        |       |        |      |      |     |
|--------------------------------------|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
| 機種：波向 海象計 - 20.9 m                   |    |        |       |        |      |        |       |        |      |      |     |
| 観測所：伏木富山港富山地区                        |    |        |       |        |      |        |       |        |      |      |     |
| 機種：波高 海象計 - 20.9 m                   |    |        |       |        |      |        |       |        |      |      |     |
| 緯度：N 36° -46' -40 経度：E 137° -12' -18 |    |        |       |        |      |        |       |        |      |      |     |
| 日 時                                  |    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|                                      |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 01                                   | 00 | 0.14   | 2.2   | 0.22   | 2.4  | 0.28   | 2.1   | 0.38   | 1.7  | E    | 83  |
|                                      | 02 | 0.27   | 2.5   | 0.45   | 2.7  | 0.56   | 2.7   | 0.77   | 2.8  | ENE  | 67  |
|                                      | 04 | 0.15   | 2.7   | 0.22   | 2.9  | 0.28   | 2.9   | 0.35   | 2.7  | NNE  | 16  |
|                                      | 06 | 0.34   | 2.7   | 0.52   | 2.8  | 0.66   | 2.7   | 0.97   | 2.4  | ENE  | 64  |
|                                      | 08 | 0.29   | 2.7   | 0.47   | 3.0  | 0.61   | 3.1   | 1.03   | 2.9  | NE   | 41  |
|                                      | 10 | 0.24   | 2.4   | 0.37   | 2.4  | 0.48   | 2.4   | 0.70   | 2.2  | WNW  | 289 |
|                                      |    |        |       |        |      |        |       |        |      |      |     |
|                                      | 12 | 0.26   | 2.7   | 0.40   | 2.9  | 0.50   | 2.9   | 0.71   | 2.4  | NE   | 54  |
|                                      | 14 | 0.22   | 2.7   | 0.33   | 3.3  | 0.42   | 3.3   | 0.61   | 2.4  | NNE  | 20  |
|                                      | 16 | 0.22   | 2.7   | 0.33   | 3.2  | 0.42   | 3.1   | 0.53   | 2.9  | WNW  | 303 |
|                                      | 18 | 0.35   | 3.1   | 0.54   | 3.4  | 0.69   | 3.4   | 1.01   | 3.0  | W    | 266 |
|                                      | 20 | 0.33   | 3.3   | 0.49   | 4.2  | 0.64   | 5.9   | 0.83   | 7.5  | NNW  | 340 |
|                                      | 22 | * 0.42 | 4.3   | * 0.65 | 6.4  | * 0.82 | 8.2   | * 1.04 | 8.8  | NW   | 323 |
|                                      |    |        |       |        |      |        |       |        |      |      |     |
|                                      | 最大 | 0.42   | 4.3   | 0.65   | 6.4  | 0.82   | 8.2   | 1.04   | 8.8  |      |     |
|                                      | 平均 | 0.27   | 2.8   | 0.42   | 3.3  | 0.53   | 3.6   | 0.74   | 3.5  |      |     |
| 02                                   | 00 | 0.47   | 4.9   | 0.75   | 7.8  | 0.96   | 9.6   | 1.24   | 9.8  | NNW  | 335 |
|                                      | 02 | 0.49   | 5.8   | 0.83   | 9.4  | 1.09   | 10.7  | 1.43   | 9.7  | NNW  | 340 |
|                                      | 04 | 0.52   | 7.0   | 0.85   | 10.4 | 1.07   | 11.4  | * 1.61 | 11.9 | NNW  | 340 |
|                                      | 06 | 0.50   | 7.7   | 0.84   | 10.6 | 1.07   | 11.6  | 1.39   | 11.4 | N    | 352 |
|                                      | 08 | 0.55   | 8.5   | * 0.88 | 11.6 | * 1.13 | 11.7  | 1.40   | 13.9 | NNW  | 335 |
|                                      | 10 | 0.44   | 6.9   | 0.76   | 11.3 | 0.99   | 12.5  | 1.60   | 12.4 | NNW  | 348 |
|                                      |    |        |       |        |      |        |       |        |      |      |     |
|                                      | 12 | 0.50   | 8.7   | 0.78   | 10.7 | 0.98   | 12.0  | 1.20   | 14.0 | N    | 8   |
|                                      | 14 | 0.49   | 8.3   | 0.77   | 10.7 | 0.98   | 10.5  | 1.17   | 8.5  | N    | 352 |
|                                      | 16 | * 0.56 | 8.5   | 0.82   | 10.3 | 1.01   | 10.2  | 1.27   | 8.9  | N    | 0   |
|                                      | 18 | 0.52   | 7.8   | 0.84   | 10.0 | 1.03   | 10.7  | 1.31   | 11.3 | N    | 0   |
|                                      | 20 | 0.52   | 7.5   | 0.84   | 10.0 | 1.01   | 10.3  | 1.56   | 10.4 | N    | 8   |
|                                      | 22 | 0.46   | 8.5   | 0.72   | 10.3 | 0.87   | 10.3  | 1.06   | 10.8 | N    | 4   |
|                                      |    |        |       |        |      |        |       |        |      |      |     |
|                                      | 最大 | 0.56   | 8.5   | 0.88   | 11.6 | 1.13   | 11.7  | 1.61   | 11.9 |      |     |
|                                      | 平均 | 0.50   | 7.5   | 0.81   | 10.3 | 1.02   | 11.0  | 1.35   | 11.1 |      |     |
| 03                                   | 00 | 0.34   | 6.9   | * 0.57 | 9.8  | 0.69   | 9.5   | 0.83   | 10.4 | N    | 8   |
|                                      | 02 | 0.26   | 6.4   | 0.48   | 10.0 | 0.65   | 11.0  | 0.85   | 10.7 | NNE  | 16  |
|                                      | 04 | 0.25   | 7.0   | 0.46   | 10.2 | 0.60   | 10.2  | 0.78   | 11.1 | NNE  | 20  |
|                                      | 06 | 0.18   | 5.3   | 0.30   | 8.9  | 0.39   | 9.6   | 0.56   | 9.9  | NNE  | 25  |
|                                      | 08 | 0.16   | 4.4   | 0.26   | 7.5  | 0.33   | 8.4   | 0.50   | 10.4 | NNE  | 29  |
|                                      | 10 | 0.16   | 3.4   | 0.24   | 5.2  | 0.30   | 7.4   | 0.41   | 9.7  | NNE  | 16  |
|                                      |    |        |       |        |      |        |       |        |      |      |     |
|                                      | 12 | 0.12   | 3.7   | 0.20   | 6.4  | 0.25   | 8.2   | 0.34   | 7.4  | NNW  | 348 |
|                                      | 14 | 0.22   | 2.6   | 0.33   | 2.9  | 0.42   | 3.0   | 0.63   | 2.3  | WNW  | 292 |
|                                      | 16 | * 0.35 | 2.7   | 0.54   | 2.8  | * 0.70 | 2.7   | * 0.98 | 2.9  | E    | 80  |
|                                      | 18 | 0.30   | 2.7   | 0.47   | 2.8  | 0.58   | 2.7   | 0.83   | 2.5  | NE   | 46  |
|                                      | 20 | 0.12   | 3.8   | 0.18   | 6.2  | 0.23   | 8.1   | 0.33   | 6.8  | NNE  | 20  |
|                                      | 22 | 0.12   | 3.1   | 0.18   | 4.3  | 0.23   | 4.9   | 0.36   | 11.9 | NNE  | 20  |
|                                      |    |        |       |        |      |        |       |        |      |      |     |
|                                      | 最大 | 0.35   | 2.7   | 0.57   | 9.8  | 0.70   | 2.7   | 0.98   | 2.9  |      |     |
|                                      | 平均 | 0.21   | 4.3   | 0.35   | 6.4  | 0.45   | 7.1   | 0.62   | 8.0  |      |     |
| 04                                   | 00 | 0.11   | 4.2   | 0.18   | 6.7  | 0.25   | 8.9   | 0.33   | 8.5  | NE   | 37  |
|                                      | 02 | 0.18   | 5.4   | 0.30   | 8.9  | 0.38   | 9.7   | 0.54   | 8.7  | N    | 356 |
|                                      | 04 | 0.16   | 4.4   | 0.25   | 6.9  | 0.34   | 8.4   | 0.42   | 8.2  | N    | 0   |
|                                      | 06 | 0.15   | 4.6   | 0.26   | 7.0  | 0.34   | 7.7   | 0.43   | 9.6  | N    | 4   |
|                                      | 08 | 0.16   | 4.9   | 0.26   | 7.9  | 0.33   | 9.3   | 0.48   | 7.2  | N    | 356 |
|                                      | 10 | 0.14   | 4.4   | 0.23   | 7.3  | 0.30   | 8.8   | 0.39   | 11.1 | NNE  | 25  |
|                                      |    |        |       |        |      |        |       |        |      |      |     |
|                                      | 12 | 0.13   | 4.2   | 0.21   | 7.0  | 0.28   | 8.1   | 0.35   | 8.8  | NNW  | 348 |
|                                      | 14 | 0.15   | 3.5   | 0.24   | 5.3  | 0.30   | 6.9   | 0.43   | 10.0 | NNE  | 25  |
|                                      | 16 | * 0.45 | 3.3   | * 0.67 | 3.6  | * 0.81 | 3.5   | 0.97   | 3.8  | WNW  | 290 |
|                                      | 18 | 0.31   | 3.2   | 0.47   | 3.5  | 0.56   | 3.5   | 0.69   | 4.3  | W    | 278 |
|                                      | 20 | 0.34   | 3.1   | 0.52   | 3.4  | 0.63   | 3.2   | * 1.17 | 2.9  | 欠測   | 欠測  |
|                                      | 22 | 0.32   | 3.2   | 0.48   | 3.8  | 0.58   | 3.8   | 0.75   | 5.6  | N    | 356 |
|                                      |    |        |       |        |      |        |       |        |      |      |     |
|                                      | 最大 | 0.45   | 3.3   | 0.67   | 3.6  | 0.81   | 3.5   | 1.17   | 2.9  |      |     |
|                                      | 平均 | 0.22   | 4.0   | 0.34   | 5.9  | 0.43   | 6.8   | 0.58   | 7.4  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 361 回 |
| 欠測回数  | 0 回   | 欠測回数  | 11 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 05 | 00 | 0.40         | 3.7          | 0.61        | 4.5         | 0.74         | 4.2          | 1.02        | 3.2         | NNE  | 16  |
|    | 02 | 0.42         | 4.2          | 0.65        | 5.5         | 0.79         | 6.1          | 0.97        | 4.6         | NNE  | 16  |
|    | 04 | 0.41         | 4.7          | 0.63        | 6.0         | 0.78         | 6.6          | 0.99        | 8.1         | NNE  | 12  |
|    | 06 | 0.35         | 4.5          | 0.54        | 6.1         | 0.69         | 6.5          | 0.89        | 5.2         | NNE  | 20  |
|    | 08 | 0.43         | 4.7          | 0.68        | 6.4         | 0.85         | 7.0          | 1.22        | 6.3         | N    | 352 |
|    | 10 | 0.43         | 5.1          | 0.66        | 6.7         | 0.81         | 7.4          | 1.24        | 8.0         | NNE  | 20  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.42         | 5.3          | 0.65        | 6.7         | 0.79         | 7.0          | 0.95        | 5.1         | NNE  | 12  |
|    | 14 | 0.40         | 5.4          | 0.64        | 7.1         | 0.80         | 7.4          | 1.01        | 9.6         | NNE  | 12  |
|    | 16 | 0.39         | 5.8          | 0.62        | 7.3         | 0.79         | 7.3          | 0.98        | 6.0         | NNE  | 25  |
|    | 18 | 0.41         | 6.2          | 0.63        | 7.4         | 0.77         | 7.3          | 0.95        | 7.9         | NNE  | 25  |
|    | 20 | 0.41         | 6.1          | 0.65        | 7.4         | 0.85         | 7.6          | 1.14        | 7.4         | NNE  | 20  |
|    | 22 | * 0.43       | 6.4          | * 0.70      | 8.0         | * 0.93       | 7.9          | * 1.35      | 7.6         | NNE  | 25  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.43         | 6.4          | 0.70        | 8.0         | 0.93         | 7.9          | 1.35        | 7.6         |      |     |
|    | 平均 | 0.41         | 5.2          | 0.64        | 6.6         | 0.80         | 6.9          | 1.06        | 6.6         |      |     |
| 06 | 00 | * 0.40       | 6.3          | * 0.66      | 7.5         | * 0.82       | 7.7          | * 0.98      | 7.3         | NNE  | 29  |
|    | 02 | 0.34         | 5.8          | 0.53        | 7.4         | 0.66         | 7.4          | 0.79        | 7.4         | NE   | 37  |
|    | 04 | 0.30         | 5.5          | 0.47        | 7.1         | 0.60         | 7.5          | 0.79        | 6.5         | N    | 8   |
|    | 06 | 0.28         | 5.6          | 0.44        | 7.2         | 0.57         | 7.6          | 0.75        | 9.0         | NNE  | 20  |
|    | 08 | 0.27         | 5.9          | 0.42        | 7.5         | 0.53         | 7.5          | 0.75        | 6.9         | NNE  | 33  |
|    | 10 | 0.22         | 5.2          | 0.37        | 7.3         | 0.46         | 7.5          | 0.67        | 7.1         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.23         | 6.1          | 0.36        | 7.5         | 0.44         | 7.7          | 0.58        | 7.4         | NNE  | 20  |
|    | 14 | 0.25         | 6.0          | 0.39        | 7.2         | 0.47         | 7.3          | 0.68        | 7.4         | NNE  | 25  |
|    | 16 | 0.24         | 6.0          | 0.36        | 6.9         | 0.44         | 7.3          | 0.52        | 7.5         | NNE  | 20  |
|    | 18 | 0.24         | 5.9          | 0.35        | 7.0         | 0.42         | 7.2          | 0.50        | 6.7         | NE   | 41  |
|    | 20 | 0.20         | 5.3          | 0.31        | 6.6         | 0.39         | 6.5          | 0.55        | 6.5         | NE   | 37  |
|    | 22 | 0.17         | 5.2          | 0.27        | 6.4         | 0.33         | 6.6          | 0.45        | 7.1         | NNE  | 20  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.40         | 6.3          | 0.66        | 7.5         | 0.82         | 7.7          | 0.98        | 7.3         |      |     |
|    | 平均 | 0.26         | 5.7          | 0.41        | 7.1         | 0.51         | 7.3          | 0.67        | 7.2         |      |     |
| 07 | 00 | 0.16         | 5.2          | 0.24        | 6.6         | 0.30         | 6.7          | 0.47        | 7.1         | 欠測   | 欠測  |
|    | 02 | 0.12         | 4.6          | 0.20        | 6.3         | 0.25         | 6.6          | 0.30        | 6.9         | 欠測   | 欠測  |
|    | 04 | 0.11         | 4.4          | 0.18        | 6.1         | 0.22         | 6.4          | 0.29        | 6.4         | 欠測   | 欠測  |
|    | 06 | 0.22         | 3.4          | 0.33        | 3.6         | 0.41         | 3.4          | 0.56        | 3.5         | 欠測   | 欠測  |
|    | 08 | 0.20         | 3.7          | 0.29        | 3.8         | 0.35         | 3.8          | 0.48        | 3.5         | NNE  | 33  |
|    | 10 | 0.24         | 3.4          | 0.39        | 3.8         | 0.50         | 3.6          | 0.81        | 3.8         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.20         | 3.2          | 0.30        | 3.6         | 0.37         | 3.6          | 0.47        | 2.9         | 欠測   | 欠測  |
|    | 14 | 0.31         | 3.3          | 0.49        | 3.7         | 0.61         | 3.7          | 0.83        | 3.3         | NNE  | 25  |
|    | 16 | 0.51         | 3.8          | 0.81        | 4.4         | 1.06         | 4.1          | 1.56        | 4.4         | ENE  | 61  |
|    | 18 | * 0.88       | 4.3          | * 1.36      | 4.9         | * 1.68       | 5.0          | * 2.55      | 5.1         | N    | 4   |
|    | 20 | 0.68         | 4.1          | 1.05        | 4.9         | 1.27         | 5.0          | 1.72        | 5.7         | NNE  | 12  |
|    | 22 | 0.57         | 4.3          | 0.89        | 5.0         | 1.10         | 5.0          | 1.76        | 4.9         | N    | 8   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.88         | 4.3          | 1.36        | 4.9         | 1.68         | 5.0          | 2.55        | 5.1         |      |     |
|    | 平均 | 0.35         | 4.0          | 0.54        | 4.7         | 0.68         | 4.7          | 0.98        | 4.8         |      |     |
| 08 | 00 | 0.68         | 3.9          | 1.10        | 4.7         | 1.38         | 4.7          | 2.25        | 4.4         | NNE  | 12  |
|    | 02 | 0.62         | 4.0          | 0.94        | 4.7         | 1.17         | 4.6          | 1.47        | 4.3         | NNE  | 25  |
|    | 04 | 1.15         | 4.8          | 1.78        | 5.5         | 2.15         | 5.6          | 3.11        | 5.4         | N    | 8   |
|    | 06 | * 1.51       | 5.3          | 2.38        | 6.3         | 3.05         | 6.4          | 4.05        | 5.7         | N    | 4   |
|    | 08 | 1.49         | 5.4          | * 2.40      | 6.6         | * 3.17       | 6.6          | * 4.98      | 5.8         | NNE  | 12  |
|    | 10 | 1.45         | 5.3          | 2.27        | 6.5         | 2.72         | 6.5          | 3.16        | 5.9         | NNE  | 20  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 1.31         | 5.9          | 2.05        | 7.3         | 2.53         | 7.1          | 3.96        | 7.0         | NNE  | 20  |
|    | 14 | 1.24         | 5.7          | 2.01        | 7.0         | 2.49         | 7.0          | 2.96        | 8.0         | N    | 8   |
|    | 16 | 1.30         | 5.2          | 2.10        | 6.4         | 2.63         | 6.7          | 3.64        | 4.9         | N    | 8   |
|    | 18 | 1.26         | 5.3          | 2.02        | 6.8         | 2.59         | 7.0          | 3.27        | 7.8         | NNE  | 16  |
|    | 20 | 1.06         | 5.1          | 1.72        | 6.5         | 2.17         | 6.9          | 2.74        | 5.7         | NNE  | 20  |
|    | 22 | 1.16         | 5.2          | 1.85        | 6.3         | 2.20         | 6.4          | 2.70        | 7.6         | NE   | 37  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 1.51         | 5.3          | 2.40        | 6.6         | 3.17         | 6.6          | 4.98        | 5.8         |      |     |
|    | 平均 | 1.19         | 5.1          | 1.88        | 6.2         | 2.35         | 6.3          | 3.19        | 6.0         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 361 回 |
| 欠測回数  | 0 回   | 欠測回数  | 11 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |     |
|----|----|--------|-------|--------|------|--------|-------|--------|------|------|-----|
|    |    | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度  |
| 09 | 00 | * 1.06 | 5.3   | * 1.69 | 6.7  | * 2.08 | 6.6   | * 2.83 | 6.9  | NNE  | 20  |
|    | 02 | 0.90   | 5.1   | 1.40   | 6.3  | 1.78   | 6.4   | 2.25   | 6.8  | NNE  | 16  |
|    | 04 | 0.80   | 5.5   | 1.28   | 6.8  | 1.64   | 7.0   | 2.20   | 6.9  | NNE  | 12  |
|    | 06 | 0.63   | 5.4   | 1.00   | 6.8  | 1.21   | 6.9   | 1.68   | 7.0  | NNE  | 20  |
|    | 08 | 0.59   | 5.4   | 0.96   | 6.5  | 1.21   | 6.8   | 1.60   | 6.4  | NNE  | 29  |
|    | 10 | 0.66   | 5.9   | 1.02   | 7.2  | 1.25   | 6.9   | 1.55   | 6.4  | NNE  | 16  |
|    | 12 | 0.59   | 5.7   | 0.91   | 7.0  | 1.12   | 6.9   | 1.81   | 6.9  | NNE  | 16  |
|    | 14 | 0.48   | 4.8   | 0.78   | 6.7  | 1.00   | 6.6   | 1.19   | 5.8  | NNE  | 12  |
|    | 16 | 0.51   | 4.4   | 0.79   | 5.9  | 0.99   | 6.0   | 1.37   | 5.4  | NNE  | 20  |
|    | 18 | 0.49   | 4.1   | 0.78   | 5.3  | 0.97   | 5.4   | 1.21   | 4.8  | NNE  | 29  |
|    | 20 | 0.42   | 4.6   | 0.66   | 5.7  | 0.85   | 5.9   | 1.21   | 6.5  | NNE  | 29  |
|    | 22 | 0.37   | 5.0   | 0.58   | 5.9  | 0.72   | 5.9   | 0.89   | 5.5  | N    | 8   |
|    | 最大 | 1.06   | 5.3   | 1.69   | 6.7  | 2.08   | 6.6   | 2.83   | 6.9  |      |     |
|    | 平均 | 0.62   | 5.1   | 0.99   | 6.4  | 1.24   | 6.4   | 1.65   | 6.3  |      |     |
| 10 | 00 | * 0.32 | 4.7   | * 0.49 | 5.7  | * 0.62 | 5.5   | 0.78   | 4.7  | NNE  | 12  |
|    | 02 | 0.29   | 4.7   | 0.45   | 5.6  | 0.58   | 5.6   | * 0.89 | 4.9  | N    | 0   |
|    | 04 | 0.27   | 4.4   | 0.40   | 5.0  | 0.49   | 5.2   | 0.61   | 5.6  | NNE  | 20  |
|    | 06 | 0.26   | 4.3   | 0.40   | 5.0  | 0.49   | 4.9   | 0.63   | 4.2  | NNE  | 20  |
|    | 08 | 0.24   | 4.2   | 0.36   | 4.9  | 0.45   | 5.0   | 0.74   | 5.2  | NE   | 37  |
|    | 10 | 0.21   | 4.3   | 0.31   | 4.9  | 0.38   | 4.7   | 0.47   | 4.4  | NNE  | 33  |
|    | 12 | 0.15   | 3.7   | 0.22   | 4.8  | 0.28   | 5.0   | 0.38   | 5.3  | N    | 4   |
|    | 14 | 0.12   | 4.2   | 0.19   | 4.9  | 0.24   | 4.6   | 0.35   | 4.8  | N    | 8   |
|    | 16 | 0.11   | 3.8   | 0.18   | 4.8  | 0.22   | 4.8   | 0.27   | 4.7  | N    | 4   |
|    | 18 | 0.11   | 3.6   | 0.17   | 4.7  | 0.21   | 4.6   | 0.30   | 5.0  | NNE  | 33  |
|    | 20 | 0.10   | 3.6   | 0.16   | 5.0  | 0.20   | 4.9   | 0.29   | 5.2  | NE   | 37  |
|    | 22 | 0.09   | 4.0   | 0.14   | 4.9  | 0.18   | 5.0   | 0.23   | 4.6  | 欠測   | 欠測  |
|    | 最大 | 0.32   | 4.7   | 0.49   | 5.7  | 0.62   | 5.5   | 0.89   | 4.9  |      |     |
|    | 平均 | 0.19   | 4.1   | 0.29   | 5.0  | 0.36   | 5.0   | 0.49   | 4.9  |      |     |
| 11 | 00 | 0.08   | 3.9   | 0.12   | 4.9  | * 0.16 | 4.9   | 0.22   | 5.2  | ENE  | 65  |
|    | 02 | 0.07   | 3.5   | 0.11   | 4.7  | 0.15   | 5.0   | 0.20   | 4.6  | E    | 82  |
|    | 04 | 0.07   | 3.3   | 0.10   | 4.4  | 0.13   | 4.4   | 0.21   | 3.1  | NNE  | 16  |
|    | 06 | 0.07   | 3.3   | 0.10   | 4.7  | 0.13   | 4.9   | 0.20   | 4.2  | WNW  | 295 |
|    | 08 | * 0.09 | 2.9   | * 0.13 | 3.8  | 0.16   | 4.0   | * 0.23 | 2.5  | ENE  | 61  |
|    | 10 | 0.07   | 3.4   | 0.10   | 4.7  | 0.12   | 5.3   | 0.18   | 5.9  | 欠測   | 欠測  |
|    | 12 | 0.06   | 3.0   | 0.09   | 4.0  | 0.11   | 4.6   | 0.16   | 4.4  | 欠測   | 欠測  |
|    | 14 | 0.06   | 2.9   | 0.09   | 4.2  | 0.11   | 4.9   | 0.15   | 7.5  | ENE  | 65  |
|    | 16 | 0.06   | 3.1   | 0.08   | 4.0  | 0.10   | 4.4   | 0.14   | 3.3  | WNW  | 303 |
|    | 18 | 0.07   | 2.7   | 0.10   | 3.4  | 0.13   | 3.4   | 0.17   | 3.9  | N    | 0   |
|    | 20 | 0.06   | 3.2   | 0.09   | 4.4  | 0.11   | 5.2   | 0.20   | 8.9  | WNW  | 295 |
|    | 22 | 0.08   | 3.9   | 0.12   | 5.8  | 0.15   | 6.8   | 0.22   | 7.5  | NNE  | 20  |
|    | 最大 | 0.09   | 2.9   | 0.13   | 3.8  | 0.16   | 4.9   | 0.23   | 2.5  |      |     |
|    | 平均 | 0.07   | 3.3   | 0.10   | 4.4  | 0.13   | 4.8   | 0.19   | 5.1  |      |     |
| 12 | 00 | 0.09   | 3.9   | 0.14   | 5.4  | 0.17   | 6.2   | 0.22   | 12.8 | NE   | 49  |
|    | 02 | 0.11   | 5.0   | 0.18   | 8.3  | 0.23   | 11.3  | 0.28   | 12.1 | NNW  | 344 |
|    | 04 | 0.11   | 4.5   | 0.17   | 6.9  | 0.21   | 9.2   | 0.28   | 12.6 | NNE  | 33  |
|    | 06 | 0.11   | 3.0   | 0.17   | 4.2  | 0.21   | 4.8   | 0.36   | 4.6  | NNW  | 335 |
|    | 08 | 0.12   | 2.6   | 0.19   | 3.4  | 0.24   | 3.4   | 0.40   | 2.1  | WNW  | 299 |
|    | 10 | 0.10   | 2.9   | 0.15   | 4.0  | 0.19   | 4.8   | 0.27   | 4.4  | N    | 4   |
|    | 12 | 0.10   | 3.1   | 0.15   | 4.1  | 0.20   | 4.6   | 0.33   | 3.8  | NNW  | 340 |
|    | 14 | 0.19   | 2.5   | 0.30   | 2.8  | 0.38   | 2.7   | 0.55   | 2.7  | NNE  | 23  |
|    | 16 | 0.22   | 2.2   | 0.33   | 2.2  | 0.42   | 2.1   | 0.65   | 2.0  | NE   | 36  |
|    | 18 | 0.08   | 3.2   | 0.12   | 4.8  | 0.14   | 5.3   | 0.19   | 5.5  | NE   | 49  |
|    | 20 | 0.09   | 3.9   | 0.14   | 6.2  | 0.17   | 8.2   | 0.22   | 6.1  | 欠測   | 欠測  |
|    | 22 | * 0.30 | 2.8   | * 0.46 | 3.0  | * 0.57 | 2.8   | * 0.88 | 2.7  | ENE  | 69  |
|    | 最大 | 0.30   | 2.8   | 0.46   | 3.0  | 0.57   | 2.8   | 0.88   | 2.7  |      |     |
|    | 平均 | 0.14   | 3.3   | 0.21   | 4.6  | 0.26   | 5.4   | 0.39   | 6.0  |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 361 回 |
| 欠測回数  | 0 回   | 欠測回数  | 11 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時   | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-------|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|       |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 13 00 | 0.46         | 3.2          | 0.70        | 3.5         | 0.88         | 3.6          | 1.37        | 2.6         | WNW  | 290 |
|       | 0.46         | 3.4          | 0.74        | 4.0         | 0.94         | 4.2          | 1.26        | 3.7         | NW   | 311 |
|       | 0.52         | 3.8          | 0.80        | 4.6         | 0.97         | 4.8          | 1.32        | 5.4         | N    | 8   |
|       | 0.66         | 4.6          | 1.04        | 6.0         | 1.32         | 6.9          | 1.65        | 9.1         | N    | 8   |
|       | * 0.78       | 5.2          | * 1.24      | 7.3         | * 1.55       | 8.1          | * 1.93      | 8.7         | N    | 4   |
|       | 0.76         | 5.3          | 1.22        | 7.2         | 1.48         | 7.5          | 1.82        | 7.3         | NNW  | 335 |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.67         | 5.6          | 1.09        | 7.8         | 1.32         | 8.5          | 1.59        | 8.8         | NNW  | 340 |
|       | 0.71         | 6.6          | 1.11        | 8.9         | 1.39         | 9.3          | 1.83        | 9.9         | N    | 352 |
|       | 0.66         | 6.2          | 1.04        | 8.3         | 1.28         | 9.1          | 1.70        | 8.3         | NNW  | 335 |
|       | 0.61         | 6.6          | 0.94        | 9.1         | 1.18         | 8.8          | 1.82        | 7.3         | NNW  | 344 |
|       | 0.58         | 7.1          | 0.95        | 10.3        | 1.21         | 10.5         | 1.61        | 9.3         | NNW  | 348 |
| 13 08 | 0.61         | 7.0          | 0.95        | 9.0         | 1.26         | 9.3          | 1.58        | 9.2         | N    | 356 |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 最大           | 0.78         | 5.2         | 1.24        | 7.3          | 1.55         | 8.1         | 1.93        | 8.7  |     |
|       | 平均           | 0.62         | 5.4         | 0.98        | 7.2          | 1.23         | 7.6         | 1.62        | 7.5  |     |
| 14 00 | 0.58         | 6.9          | 0.95        | 8.9         | 1.18         | 9.3          | 1.36        | 12.1        | NNW  | 344 |
|       | 0.63         | 7.3          | 1.00        | 9.5         | 1.23         | 9.4          | 1.52        | 7.5         | N    | 352 |
|       | 0.61         | 7.1          | 0.96        | 9.1         | 1.15         | 9.2          | 1.53        | 10.0        | N    | 4   |
|       | 0.58         | 7.3          | 0.92        | 9.4         | 1.14         | 9.1          | 1.42        | 7.6         | N    | 4   |
|       | * 0.72       | 8.3          | * 1.08      | 10.3        | 1.28         | 10.4         | 1.36        | 10.6        | NNE  | 20  |
|       | 0.70         | 8.3          | 1.07        | 9.8         | * 1.29       | 9.8          | * 1.89      | 8.5         | NNE  | 20  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.56         | 7.5          | 0.87        | 9.8         | 1.10         | 9.9          | 1.46        | 9.4         | N    | 8   |
|       | 0.53         | 7.4          | 0.83        | 9.2         | 1.03         | 9.0          | 1.28        | 9.3         | NNE  | 16  |
|       | 0.58         | 7.9          | 0.90        | 9.9         | 1.13         | 10.2         | 1.35        | 10.1        | N    | 352 |
|       | 0.60         | 8.4          | 0.97        | 11.3        | 1.19         | 11.3         | 1.54        | 11.3        | N    | 4   |
|       | 0.60         | 8.8          | 0.97        | 10.4        | 1.27         | 10.7         | 1.67        | 10.6        | NNE  | 20  |
| 14 08 | 0.46         | 7.7          | 0.76        | 10.1        | 1.00         | 10.2         | 1.31        | 10.0        | N    | 8   |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 最大           | 0.72         | 8.3         | 1.08        | 10.3         | 1.29         | 9.8         | 1.89        | 8.5  |     |
|       | 平均           | 0.60         | 7.7         | 0.94        | 9.8          | 1.17         | 9.9         | 1.47        | 9.7  |     |
| 15 00 | * 0.42       | 7.6          | * 0.75      | 10.5        | * 1.06       | 10.5         | * 1.39      | 10.2        | N    | 0   |
|       | 0.39         | 6.5          | 0.70        | 10.4        | 0.89         | 10.4         | 1.08        | 10.8        | N    | 8   |
|       | 0.33         | 7.9          | 0.54        | 10.2        | 0.67         | 10.5         | 1.00        | 9.5         | N    | 8   |
|       | 0.22         | 5.8          | 0.39        | 9.7         | 0.52         | 10.1         | 0.69        | 10.1        | N    | 8   |
|       | 0.18         | 6.7          | 0.30        | 10.3        | 0.37         | 10.3         | 0.42        | 10.3        | NNE  | 29  |
|       | 0.21         | 5.3          | 0.36        | 9.3         | 0.48         | 10.1         | 0.66        | 9.5         | N    | 4   |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.18         | 4.9          | 0.29        | 8.0         | 0.38         | 8.9          | 0.48        | 10.6        | N    | 356 |
|       | 0.14         | 5.2          | 0.25        | 8.7         | 0.31         | 9.4          | 0.44        | 8.9         | N    | 0   |
|       | 0.17         | 5.8          | 0.29        | 9.1         | 0.37         | 9.4          | 0.55        | 9.4         | N    | 4   |
|       | 0.15         | 5.1          | 0.25        | 8.1         | 0.32         | 8.8          | 0.46        | 9.0         | N    | 352 |
|       | 0.16         | 5.3          | 0.28        | 8.2         | 0.34         | 8.2          | 0.41        | 8.1         | N    | 8   |
| 15 08 | 0.14         | 5.1          | 0.25        | 8.1         | 0.32         | 8.5          | 0.46        | 8.7         | NNE  | 12  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 最大           | 0.42         | 7.6         | 0.75        | 10.5         | 1.06         | 10.5        | 1.39        | 10.2 |     |
|       | 平均           | 0.22         | 5.9         | 0.39        | 9.2          | 0.50         | 9.6         | 0.67        | 9.6  |     |
| 16 00 | 0.16         | 5.0          | 0.28        | 7.5         | 0.37         | 8.0          | 0.46        | 7.8         | N    | 356 |
|       | * 0.18       | 4.7          | * 0.30      | 7.5         | * 0.38       | 7.8          | 0.50        | 9.0         | NNE  | 29  |
|       | 0.16         | 4.8          | 0.27        | 7.6         | 0.33         | 7.9          | * 0.50      | 9.4         | NNE  | 20  |
|       | 0.14         | 5.1          | 0.22        | 7.6         | 0.27         | 7.9          | 0.36        | 7.0         | NNW  | 348 |
|       | 0.16         | 3.4          | 0.25        | 5.1         | 0.32         | 5.9          | 0.47        | 4.8         | N    | 352 |
|       | 0.13         | 3.1          | 0.20        | 4.6         | 0.26         | 5.8          | 0.35        | 7.0         | NE   | 49  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 0.11         | 4.1          | 0.19        | 6.7         | 0.24         | 7.7          | 0.31        | 8.5         | NNE  | 29  |
|       | 0.10         | 3.7          | 0.16        | 6.1         | 0.21         | 7.0          | 0.28        | 6.6         | N    | 8   |
|       | 0.14         | 2.5          | 0.22        | 2.9         | 0.28         | 3.0          | 0.44        | 1.6         | ENE  | 72  |
|       | 0.16         | 2.6          | 0.24        | 2.9         | 0.29         | 3.0          | 0.40        | 2.4         | NNE  | 12  |
|       | 0.15         | 2.5          | 0.23        | 2.8         | 0.30         | 2.6          | 0.49        | 2.5         | N    | 8   |
| 16 08 | 0.11         | 2.9          | 0.17        | 4.0         | 0.21         | 4.1          | 0.30        | 4.8         | 欠測   | 欠測  |
|       |              |              |             |             |              |              |             |             |      |     |
|       | 最大           | 0.18         | 4.7         | 0.30        | 7.5          | 0.38         | 7.8         | 0.50        | 9.4  |     |
|       | 平均           | 0.14         | 3.7         | 0.23        | 5.4          | 0.29         | 5.9         | 0.41        | 6.0  |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 361 回 |
| 欠測回数  | 0 回   | 欠測回数  | 11 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日  | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|    |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 17 | 00 | 0.10         | 3.2          | 0.15        | 4.5         | 0.18         | 5.4          | 0.24        | 8.2         | ENE  | 61  |
|    | 02 | 0.11         | 2.8          | 0.17        | 3.9         | 0.22         | 4.5          | 0.38        | 3.7         | NNW  | 348 |
|    | 04 | 0.09         | 4.2          | 0.14        | 5.8         | 0.17         | 6.6          | 0.21        | 7.7         | N    | 4   |
|    | 06 | 0.09         | 4.6          | 0.15        | 6.9         | 0.19         | 7.2          | 0.25        | 5.9         | NNW  | 327 |
|    | 08 | 0.09         | 4.1          | 0.14        | 6.2         | 0.19         | 7.2          | 0.31        | 7.2         | NNE  | 12  |
|    | 10 | 0.11         | 4.4          | 0.18        | 6.3         | 0.23         | 6.2          | 0.30        | 4.4         | NNE  | 29  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.11         | 4.4          | 0.17        | 6.0         | 0.21         | 6.1          | 0.25        | 6.6         | N    | 356 |
|    | 14 | 0.11         | 4.6          | 0.18        | 6.5         | 0.22         | 6.8          | 0.33        | 7.1         | NE   | 37  |
|    | 16 | 0.26         | 2.6          | 0.41        | 2.8         | 0.53         | 2.9          | 0.80        | 2.1         | ENE  | 70  |
|    | 18 | 0.28         | 2.5          | 0.43        | 2.9         | 0.54         | 2.7          | 0.70        | 2.2         | W    | 273 |
|    | 20 | 1.04         | 4.2          | 1.70        | 5.0         | 2.20         | 5.2          | 2.92        | 5.2         | NNE  | 12  |
|    | 22 | * 1.38       | 5.4          | * 2.16      | 6.6         | * 2.66       | 6.4          | * 3.72      | 8.0         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 1.38         | 5.4          | 2.16        | 6.6         | 2.66         | 6.4          | 3.72        | 8.0         |      |     |
|    | 平均 | 0.31         | 3.9          | 0.50        | 5.3         | 0.63         | 5.6          | 0.87        | 5.7         |      |     |
| 18 | 00 | * 1.58       | 6.4          | * 2.50      | 8.3         | 2.98         | 9.2          | * 4.33      | 11.3        | N    | 352 |
|    | 02 | 1.45         | 6.0          | 2.44        | 7.8         | * 3.16       | 7.8          | 3.66        | 7.7         | N    | 8   |
|    | 04 | 1.18         | 5.8          | 1.85        | 7.7         | 2.28         | 7.6          | 2.91        | 6.6         | NNE  | 12  |
|    | 06 | 0.92         | 5.8          | 1.47        | 7.8         | 1.86         | 8.7          | 2.33        | 6.9         | NNE  | 12  |
|    | 08 | 0.84         | 5.5          | 1.30        | 7.1         | 1.61         | 7.7          | 1.86        | 8.5         | NNE  | 20  |
|    | 10 | 0.72         | 5.0          | 1.16        | 6.8         | 1.41         | 7.4          | 1.63        | 5.3         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.70         | 5.4          | 1.07        | 6.8         | 1.37         | 7.6          | 1.98        | 6.8         | NNE  | 16  |
|    | 14 | 0.57         | 6.0          | 0.94        | 8.3         | 1.21         | 9.0          | 1.56        | 9.4         | N    | 8   |
|    | 16 | 0.55         | 6.8          | 0.88        | 9.1         | 1.07         | 9.3          | 1.25        | 11.1        | N    | 356 |
|    | 18 | 0.49         | 6.9          | 0.76        | 9.3         | 0.89         | 10.1         | 1.07        | 10.3        | N    | 356 |
|    | 20 | 0.47         | 7.0          | 0.77        | 9.5         | 0.98         | 10.2         | 1.34        | 10.3        | N    | 0   |
|    | 22 | 0.44         | 7.3          | 0.68        | 9.6         | 0.81         | 10.0         | 0.99        | 11.8        | NNW  | 348 |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 1.58         | 6.4          | 2.50        | 8.3         | 3.16         | 7.8          | 4.33        | 11.3        |      |     |
|    | 平均 | 0.83         | 6.2          | 1.32        | 8.2         | 1.64         | 8.7          | 2.08        | 8.8         |      |     |
| 19 | 00 | 0.39         | 6.3          | 0.66        | 8.6         | 0.81         | 8.9          | 1.01        | 10.5        | N    | 0   |
|    | 02 | 0.45         | 7.4          | 0.71        | 9.5         | 0.87         | 10.1         | 1.01        | 8.2         | N    | 8   |
|    | 04 | * 0.46       | 7.1          | 0.71        | 9.0         | 0.88         | 9.1          | 1.01        | 11.2        | N    | 4   |
|    | 06 | 0.43         | 6.9          | * 0.73      | 9.3         | * 0.93       | 9.4          | * 1.16      | 9.6         | N    | 8   |
|    | 08 | 0.30         | 6.0          | 0.52        | 9.5         | 0.68         | 9.9          | 0.94        | 9.0         | N    | 356 |
|    | 10 | 0.25         | 5.9          | 0.43        | 9.3         | 0.57         | 9.5          | 0.72        | 9.3         | N    | 8   |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.20         | 6.6          | 0.35        | 9.3         | 0.43         | 9.4          | 0.50        | 9.4         | NNE  | 16  |
|    | 14 | 0.22         | 5.2          | 0.39        | 8.5         | 0.53         | 8.8          | 0.60        | 9.1         | N    | 8   |
|    | 16 | 0.28         | 6.6          | 0.47        | 8.8         | 0.59         | 8.9          | 0.79        | 8.2         | N    | 0   |
|    | 18 | 0.31         | 7.0          | 0.50        | 8.4         | 0.64         | 8.3          | 0.76        | 8.6         | NNE  | 16  |
|    | 20 | 0.28         | 6.4          | 0.45        | 8.1         | 0.55         | 8.1          | 0.70        | 8.2         | NNW  | 348 |
|    | 22 | 0.27         | 5.8          | 0.44        | 8.0         | 0.56         | 8.1          | 0.68        | 7.2         | NNE  | 12  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.46         | 7.1          | 0.73        | 9.3         | 0.93         | 9.4          | 1.16        | 9.6         |      |     |
|    | 平均 | 0.32         | 6.4          | 0.53        | 8.9         | 0.67         | 9.0          | 0.82        | 9.0         |      |     |
| 20 | 00 | 0.22         | 4.9          | 0.37        | 7.5         | 0.48         | 7.9          | 0.66        | 7.2         | N    | 4   |
|    | 02 | 0.25         | 6.2          | 0.41        | 8.0         | 0.52         | 8.1          | 0.66        | 7.8         | NNE  | 20  |
|    | 04 | 0.22         | 5.6          | 0.35        | 7.5         | 0.45         | 7.7          | 0.60        | 6.7         | NNE  | 16  |
|    | 06 | 0.23         | 5.6          | 0.35        | 7.2         | 0.41         | 7.4          | 0.51        | 7.2         | NNE  | 33  |
|    | 08 | 0.23         | 5.7          | 0.37        | 7.5         | 0.46         | 7.3          | 0.63        | 8.2         | NE   | 37  |
|    | 10 | 0.26         | 5.7          | 0.41        | 6.9         | 0.53         | 7.0          | * 0.85      | 6.8         | NNE  | 16  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 12 | 0.26         | 6.2          | 0.40        | 7.1         | 0.51         | 7.2          | 0.63        | 7.4         | NNE  | 29  |
|    | 14 | 0.26         | 4.9          | 0.46        | 7.1         | * 0.59       | 7.5          | 0.83        | 7.1         | NNE  | 20  |
|    | 16 | 0.21         | 5.5          | 0.36        | 7.5         | 0.46         | 7.5          | 0.61        | 7.4         | N    | 0   |
|    | 18 | * 0.28       | 6.2          | * 0.47      | 7.9         | 0.57         | 7.9          | 0.78        | 7.9         | NNE  | 12  |
|    | 20 | 0.21         | 6.0          | 0.35        | 8.1         | 0.45         | 8.4          | 0.58        | 8.2         | NE   | 41  |
|    | 22 | 0.18         | 4.1          | 0.28        | 6.4         | 0.37         | 7.7          | 0.52        | 7.0         | NNE  | 33  |
|    |    |              |              |             |             |              |              |             |             |      |     |
|    | 最大 | 0.28         | 6.2          | 0.47        | 7.9         | 0.59         | 7.5          | 0.85        | 6.8         |      |     |
|    | 平均 | 0.23         | 5.6          | 0.38        | 7.4         | 0.48         | 7.6          | 0.66        | 7.4         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 361 回 |
| 欠測回数  | 0 回   | 欠測回数  | 11 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日 時 |    | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 21  | 00 | * 0.16       | 3.5          | * 0.26      | 5.4         | * 0.34       | 6.4          | * 0.44      | 9.3         | N    | 4   |
|     | 02 | 0.12         | 3.1          | 0.19        | 4.7         | 0.24         | 5.9          | 0.40        | 8.1         | NNE  | 12  |
|     | 04 | 0.13         | 3.1          | 0.19        | 4.4         | 0.25         | 5.1          | 0.36        | 2.9         | NNE  | 16  |
|     | 06 | 0.10         | 3.9          | 0.16        | 6.4         | 0.21         | 7.3          | 0.26        | 8.1         | N    | 356 |
|     | 08 | 0.10         | 3.4          | 0.16        | 5.4         | 0.19         | 6.4          | 0.24        | 7.4         | NNE  | 12  |
|     | 10 | 0.10         | 3.8          | 0.16        | 5.9         | 0.21         | 7.3          | 0.27        | 9.0         | N    | 8   |
|     | 12 | 0.11         | 4.5          | 0.18        | 7.3         | 0.23         | 7.7          | 0.33        | 7.5         | NNW  | 335 |
|     | 14 | 0.11         | 4.6          | 0.19        | 7.4         | 0.24         | 8.1          | 0.37        | 8.7         | NNE  | 12  |
|     | 16 | 0.11         | 3.9          | 0.18        | 6.2         | 0.23         | 7.9          | 0.37        | 8.0         | NNE  | 25  |
|     | 18 | 0.11         | 3.6          | 0.17        | 5.7         | 0.22         | 6.7          | 0.31        | 8.8         | NW   | 319 |
|     | 20 | 0.11         | 5.4          | 0.18        | 8.2         | 0.23         | 8.4          | 0.30        | 8.4         | NNW  | 348 |
|     | 22 | 0.12         | 3.9          | 0.20        | 6.5         | 0.26         | 7.5          | 0.37        | 8.8         | N    | 8   |
|     | 最大 | 0.16         | 3.5          | 0.26        | 5.4         | 0.34         | 6.4          | 0.44        | 9.3         |      |     |
|     | 平均 | 0.12         | 3.9          | 0.19        | 6.1         | 0.24         | 7.1          | 0.34        | 7.9         |      |     |
| 22  | 00 | 0.11         | 5.0          | 0.17        | 7.4         | 0.21         | 7.6          | 0.27        | 9.1         | N    | 8   |
|     | 02 | 0.36         | 3.0          | 0.53        | 3.4         | 0.68         | 3.3          | 0.89        | 3.4         | NNW  | 348 |
|     | 04 | 0.68         | 3.8          | 1.04        | 4.5         | 1.29         | 4.5          | 1.71        | 4.5         | N    | 4   |
|     | 06 | * 0.76       | 4.1          | * 1.20      | 4.8         | * 1.50       | 4.8          | * 2.17      | 5.0         | NNE  | 25  |
|     | 08 | 0.69         | 4.2          | 1.08        | 5.1         | 1.32         | 5.0          | 1.73        | 4.6         | NE   | 37  |
|     | 10 | 0.66         | 4.6          | 1.05        | 5.8         | 1.33         | 6.2          | 1.77        | 6.1         | NNE  | 20  |
|     | 12 | 0.58         | 4.6          | 0.90        | 5.7         | 1.14         | 5.8          | 1.41        | 6.6         | NNE  | 20  |
|     | 14 | 0.56         | 5.1          | 0.87        | 6.2         | 1.10         | 6.4          | 1.44        | 5.1         | N    | 8   |
|     | 16 | 0.51         | 4.8          | 0.83        | 6.8         | 1.04         | 7.3          | 1.29        | 7.4         | N    | 0   |
|     | 18 | 0.57         | 5.8          | 0.94        | 7.8         | 1.16         | 8.2          | 1.36        | 8.2         | N    | 8   |
|     | 20 | 0.57         | 5.8          | 0.90        | 8.1         | 1.17         | 8.5          | 1.65        | 9.2         | NNE  | 12  |
|     | 22 | 0.60         | 5.9          | 0.93        | 8.4         | 1.15         | 8.2          | 1.42        | 6.9         | NNE  | 16  |
|     | 最大 | 0.76         | 4.1          | 1.20        | 4.8         | 1.50         | 4.8          | 2.17        | 5.0         |      |     |
|     | 平均 | 0.55         | 4.7          | 0.87        | 6.2         | 1.09         | 6.3          | 1.43        | 6.3         |      |     |
| 23  | 00 | 0.58         | 6.3          | 0.99        | 8.9         | 1.26         | 9.2          | 1.70        | 8.9         | NNE  | 12  |
|     | 02 | 0.56         | 5.9          | 0.91        | 7.9         | 1.17         | 8.6          | 1.49        | 8.5         | NNE  | 16  |
|     | 04 | 0.77         | 7.6          | 1.24        | 9.8         | 1.58         | 9.4          | 1.95        | 10.1        | N    | 8   |
|     | 06 | 0.92         | 8.5          | 1.49        | 10.5        | 1.83         | 10.3         | 2.26        | 10.1        | N    | 8   |
|     | 08 | 0.97         | 9.0          | 1.62        | 11.9        | 2.06         | 12.2         | 2.48        | 12.6        | N    | 356 |
|     | 10 | 1.13         | 9.4          | 1.85        | 11.7        | 2.44         | 11.9         | 3.07        | 14.3        | NNE  | 20  |
|     | 12 | 1.34         | 10.2         | 2.06        | 11.4        | 2.50         | 11.9         | 2.90        | 12.3        | N    | 4   |
|     | 14 | 1.22         | 9.6          | 1.96        | 11.5        | 2.51         | 11.5         | 3.32        | 11.4        | NNE  | 16  |
|     | 16 | * 1.44       | 9.9          | * 2.30      | 11.6        | * 3.03       | 12.5         | * 3.79      | 12.6        | NNE  | 12  |
|     | 18 | 0.99         | 8.6          | 1.62        | 11.2        | 2.02         | 11.0         | 2.53        | 11.2        | NNE  | 12  |
|     | 20 | 0.91         | 7.7          | 1.48        | 10.6        | 1.79         | 10.7         | 2.23        | 11.8        | NNE  | 12  |
|     | 22 | 0.84         | 8.3          | 1.35        | 11.0        | 1.61         | 11.3         | 1.83        | 11.5        | NNE  | 20  |
|     | 最大 | 1.44         | 9.9          | 2.30        | 11.6        | 3.03         | 12.5         | 3.79        | 12.6        |      |     |
|     | 平均 | 0.97         | 8.4          | 1.57        | 10.7        | 1.98         | 10.9         | 2.46        | 11.3        |      |     |
| 24  | 00 | * 0.87       | 8.4          | * 1.49      | 10.6        | * 1.99       | 10.6         | * 2.79      | 10.8        | NNE  | 12  |
|     | 02 | 0.71         | 8.2          | 1.16        | 10.4        | 1.46         | 10.5         | 1.77        | 10.2        | NNE  | 16  |
|     | 04 | 0.51         | 7.6          | 0.85        | 10.2        | 1.08         | 10.1         | 1.33        | 10.2        | N    | 4   |
|     | 06 | 0.58         | 8.4          | 0.93        | 9.7         | 1.13         | 9.6          | 1.38        | 9.0         | NNE  | 20  |
|     | 08 | 0.55         | 6.4          | 0.87        | 8.6         | 1.07         | 9.2          | 1.30        | 8.4         | NNE  | 25  |
|     | 10 | 0.44         | 6.1          | 0.68        | 8.2         | 0.84         | 8.7          | 1.04        | 9.3         | NNE  | 25  |
|     | 12 | 0.42         | 6.4          | 0.64        | 8.1         | 0.81         | 7.9          | 1.09        | 8.5         | NNE  | 29  |
|     | 14 | 0.32         | 5.8          | 0.53        | 7.7         | 0.64         | 8.0          | 0.80        | 8.0         | NE   | 45  |
|     | 16 | 0.29         | 4.9          | 0.49        | 7.9         | 0.63         | 8.2          | 0.80        | 8.1         | NNE  | 29  |
|     | 18 | 0.26         | 4.1          | 0.44        | 6.7         | 0.58         | 7.8          | 0.75        | 7.8         | NNE  | 25  |
|     | 20 | 0.20         | 4.5          | 0.35        | 7.4         | 0.48         | 8.2          | 0.72        | 8.2         | NNE  | 16  |
|     | 22 | 0.15         | 4.7          | 0.26        | 7.6         | 0.34         | 8.2          | 0.68        | 9.0         | NE   | 37  |
|     | 最大 | 0.87         | 8.4          | 1.49        | 10.6        | 1.99         | 10.6         | 2.79        | 10.8        |      |     |
|     | 平均 | 0.44         | 6.3          | 0.72        | 8.6         | 0.92         | 8.9          | 1.20        | 9.0         |      |     |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 361 回 |
| 欠測回数  | 0 回   | 欠測回数  | 11 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日        | 時    | Hmean  | Tmean | H1/3   | T1/3 | H1/10  | T1/10 | Hmax   | Tmax | 波 向  |    |
|----------|------|--------|-------|--------|------|--------|-------|--------|------|------|----|
|          |      | (m)    | (s)   | (m)    | (s)  | (m)    | (s)   | (m)    | (s)  | 16方位 | 角度 |
| 25       | 00   | 0.21   | 5.5   | 0.34   | 7.9  | 0.42   | 8.0   | 0.58   | 8.4  | NNE  | 12 |
|          | 02   | 0.29   | 6.7   | 0.46   | 7.8  | 0.57   | 8.1   | 0.69   | 7.6  | NNE  | 25 |
|          | 04   | 0.60   | 7.4   | 0.90   | 7.9  | 1.12   | 7.7   | 1.59   | 7.6  | NNE  | 12 |
|          | 06   | 0.64   | 5.5   | 1.00   | 6.9  | 1.26   | 6.8   | 1.66   | 6.2  | NNE  | 25 |
|          | 08   | 1.10   | 4.9   | 1.68   | 5.9  | 2.06   | 5.8   | 2.51   | 4.8  | NNE  | 12 |
|          | 10   | * 1.45 | 5.5   | * 2.25 | 6.8  | * 2.76 | 7.0   | * 4.07 | 6.8  | NNE  | 20 |
|          | 12   | 1.25   | 5.5   | 2.00   | 7.2  | 2.53   | 7.3   | 3.33   | 7.0  | N    | 8  |
|          | 14   | 1.37   | 6.0   | 2.15   | 7.6  | 2.64   | 7.5   | 3.20   | 7.0  | NNE  | 16 |
|          | 16   | 1.32   | 5.5   | 2.18   | 7.4  | 2.71   | 7.6   | 3.23   | 6.5  | NNE  | 16 |
|          | 18   | 1.14   | 5.3   | 1.78   | 6.5  | 2.18   | 7.1   | 2.79   | 7.4  | N    | 8  |
|          | 20   | 1.05   | 4.9   | 1.65   | 6.0  | 2.02   | 6.2   | 2.38   | 6.4  | NNE  | 12 |
|          | 22   | 0.97   | 5.1   | 1.51   | 6.8  | 1.81   | 7.2   | 2.26   | 5.7  | N    | 8  |
| 最大<br>平均 | 1.45 | 5.5    | 2.25  | 6.8    | 2.76 | 7.0    | 4.07  | 6.8    |      |      |    |
|          | 0.95 | 5.6    | 1.49  | 7.1    | 1.84 | 7.2    | 2.36  | 6.8    |      |      |    |
| 26       | 00   | 0.80   | 5.2   | 1.31   | 7.0  | 1.66   | 7.9   | 2.18   | 6.4  | NNE  | 29 |
|          | 02   | 0.85   | 5.6   | 1.38   | 7.6  | 1.69   | 8.1   | 1.94   | 7.7  | N    | 8  |
|          | 04   | 0.84   | 6.1   | 1.34   | 8.7  | 1.60   | 8.7   | 2.23   | 9.5  | NNE  | 16 |
|          | 06   | 0.85   | 6.8   | 1.35   | 8.9  | 1.66   | 9.1   | 2.45   | 10.8 | NNE  | 12 |
|          | 08   | 1.00   | 6.9   | 1.64   | 9.4  | 2.08   | 9.5   | 2.42   | 9.8  | NNE  | 12 |
|          | 10   | * 1.05 | 7.2   | 1.62   | 9.6  | 1.99   | 10.3  | 3.04   | 8.7  | NNE  | 12 |
|          | 12   | 1.00   | 6.1   | 1.63   | 9.3  | 2.03   | 10.6  | 2.51   | 10.1 | N    | 0  |
|          | 14   | 0.91   | 5.4   | 1.50   | 7.9  | 1.89   | 9.3   | 2.26   | 10.8 | NNE  | 16 |
|          | 16   | 0.73   | 6.0   | 1.17   | 8.9  | 1.55   | 10.5  | 1.98   | 9.1  | NNE  | 25 |
|          | 18   | 0.79   | 6.0   | 1.33   | 9.2  | 1.77   | 11.3  | 2.28   | 11.9 | N    | 8  |
|          | 20   | 0.68   | 7.5   | 1.13   | 11.0 | 1.43   | 12.1  | 1.86   | 12.4 | NNE  | 16 |
|          | 22   | 0.97   | 9.9   | * 1.69 | 14.0 | * 2.31 | 13.7  | * 3.51 | 13.5 | NNE  | 25 |
| 最大<br>平均 | 1.05 | 7.2    | 1.69  | 14.0   | 2.31 | 13.7   | 3.51  | 13.5   |      |      |    |
|          | 0.87 | 6.6    | 1.42  | 9.3    | 1.80 | 10.1   | 2.39  | 10.1   |      |      |    |
| 27       | 00   | 1.88   | 11.5  | 3.16   | 13.4 | 3.97   | 13.5  | 5.18   | 13.8 | NE   | 41 |
|          | 02   | 2.08   | 11.7  | 3.29   | 12.7 | 4.41   | 13.0  | 5.47   | 13.4 | NNE  | 16 |
|          | 04   | * 2.34 | 10.7  | * 3.96 | 12.4 | * 4.92 | 12.2  | * 6.84 | 12.0 | NNE  | 16 |
|          | 06   | 1.65   | 10.0  | 2.77   | 11.6 | 3.41   | 11.4  | 4.08   | 11.0 | NNE  | 16 |
|          | 08   | 1.35   | 9.7   | 2.10   | 11.5 | 2.58   | 11.2  | 3.32   | 10.1 | NNE  | 29 |
|          | 10   | 1.21   | 10.1  | 1.98   | 11.7 | 2.44   | 11.4  | 3.46   | 11.4 | NNE  | 20 |
|          | 12   | 1.14   | 10.0  | 1.75   | 11.0 | 2.17   | 10.7  | 2.80   | 9.6  | NNE  | 20 |
|          | 14   | 1.02   | 9.6   | 1.46   | 10.7 | 1.84   | 10.7  | 2.42   | 9.3  | NNE  | 25 |
|          | 16   | 0.89   | 8.7   | 1.45   | 10.3 | 1.88   | 10.0  | 2.31   | 10.7 | NNE  | 20 |
|          | 18   | 0.73   | 7.8   | 1.20   | 9.9  | 1.50   | 10.1  | 1.75   | 9.8  | NNE  | 29 |
|          | 20   | 0.86   | 9.2   | 1.29   | 10.3 | 1.53   | 10.4  | 1.65   | 10.3 | NNE  | 29 |
|          | 22   | 0.78   | 8.4   | 1.21   | 9.9  | 1.43   | 9.7   | 1.65   | 9.8  | NNE  | 20 |
| 最大<br>平均 | 2.34 | 10.7   | 3.96  | 12.4   | 4.92 | 12.2   | 6.84  | 12.0   |      |      |    |
|          | 1.33 | 9.8    | 2.13  | 11.3   | 2.67 | 11.2   | 3.41  | 10.9   |      |      |    |
| 28       | 00   | 0.70   | 5.6   | 1.17   | 8.6  | 1.52   | 9.3   | 1.94   | 9.9  | NNE  | 16 |
|          | 02   | * 0.91 | 5.6   | 1.41   | 7.9  | 1.76   | 9.5   | 2.41   | 8.9  | N    | 8  |
|          | 04   | 0.89   | 5.3   | * 1.42 | 7.4  | 1.73   | 8.1   | * 2.41 | 9.6  | N    | 8  |
|          | 06   | 0.81   | 5.3   | 1.36   | 8.3  | * 1.82 | 9.8   | 2.39   | 11.5 | NNE  | 16 |
|          | 08   | 0.60   | 6.7   | 0.97   | 9.4  | 1.23   | 9.6   | 1.45   | 11.6 | NNE  | 16 |
|          | 10   | 0.55   | 6.6   | 0.90   | 9.0  | 1.09   | 9.2   | 1.37   | 9.3  | NNE  | 25 |
|          | 12   | 0.53   | 7.6   | 0.84   | 9.5  | 1.06   | 9.8   | 1.55   | 10.6 | NNE  | 20 |
|          | 14   | 0.48   | 6.4   | 0.82   | 8.7  | 1.07   | 9.2   | 1.56   | 8.3  | NNE  | 20 |
|          | 16   | 0.56   | 7.4   | 0.89   | 9.0  | 1.12   | 9.0   | 1.57   | 8.5  | NNE  | 29 |
|          | 18   | 0.60   | 8.0   | 0.93   | 9.3  | 1.15   | 9.0   | 1.34   | 9.2  | NNE  | 16 |
|          | 20   | 0.53   | 7.8   | 0.82   | 8.9  | 1.05   | 9.0   | 1.66   | 8.0  | NNE  | 20 |
|          | 22   | 0.53   | 7.5   | 0.86   | 9.1  | 1.07   | 9.1   | 1.52   | 7.7  | NNE  | 20 |
| 最大<br>平均 | 0.91 | 5.6    | 1.42  | 7.4    | 1.82 | 9.8    | 2.41  | 9.6    |      |      |    |
|          | 0.64 | 6.6    | 1.03  | 8.8    | 1.31 | 9.2    | 1.76  | 9.4    |      |      |    |

\*は日最大波高、波向欄の空白は欠測を示す

波浪整理表（1）

2021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  | 361 回 |
| 欠測回数  | 0 回   | 欠測回数  | 11 回  |
| 欠 測 率 | 0.0 % | 欠 測 率 | 3.0 % |

機種：波向 海象計 - 20.9 m

観測所：伏木富山港富山地区

機種：波高 海象計 - 20.9 m

緯度：N 36° -46' -40 経度：E 137° -12' -18

| 日   | 時  | Hmean<br>(m) | Tmean<br>(s) | H1/3<br>(m) | T1/3<br>(s) | H1/10<br>(m) | T1/10<br>(s) | Hmax<br>(m) | Tmax<br>(s) | 波 向  |     |
|-----|----|--------------|--------------|-------------|-------------|--------------|--------------|-------------|-------------|------|-----|
|     |    |              |              |             |             |              |              |             |             | 16方位 | 角度  |
| 29  | 00 | * 0.40       | 6.6          | * 0.66      | 8.6         | * 0.83       | 8.5          | * 1.15      | 6.3         | NNE  | 25  |
|     | 02 | 0.32         | 5.8          | 0.53        | 8.2         | 0.66         | 8.0          | 0.89        | 7.6         | NNE  | 29  |
|     | 04 | 0.24         | 4.0          | 0.40        | 6.5         | 0.54         | 7.6          | 0.72        | 8.3         | NNE  | 16  |
|     | 06 | 0.25         | 3.2          | 0.38        | 4.5         | 0.50         | 6.0          | 0.75        | 8.6         | NNE  | 16  |
|     | 08 | 0.26         | 2.9          | 0.38        | 3.6         | 0.49         | 4.6          | 0.71        | 2.6         | NE   | 45  |
|     | 10 | 0.29         | 2.9          | 0.43        | 3.4         | 0.52         | 4.7          | 0.73        | 2.3         | NE   | 45  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.18         | 3.2          | 0.28        | 4.8         | 0.34         | 5.4          | 0.46        | 8.7         | N    | 8   |
|     | 14 | 0.14         | 3.5          | 0.23        | 5.2         | 0.31         | 7.1          | 0.40        | 9.0         | NNE  | 25  |
|     | 16 | 0.14         | 3.5          | 0.21        | 5.0         | 0.28         | 6.6          | 0.39        | 7.8         | NE   | 49  |
|     | 18 | 0.15         | 2.7          | 0.23        | 3.4         | 0.30         | 3.2          | 0.41        | 1.8         | NNE  | 20  |
|     | 20 | 0.09         | 4.7          | 0.15        | 7.9         | 0.19         | 9.0          | 0.23        | 7.7         | NNE  | 12  |
|     | 22 | 0.13         | 3.3          | 0.20        | 5.1         | 0.25         | 6.3          | 0.35        | 5.2         | NE   | 45  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.40         | 6.6          | 0.66        | 8.6         | 0.83         | 8.5          | 1.15        | 6.3         |      |     |
|     | 平均 | 0.22         | 3.9          | 0.34        | 5.5         | 0.43         | 6.4          | 0.60        | 6.3         |      |     |
| 30  | 00 | 0.11         | 4.7          | 0.19        | 7.2         | 0.25         | 8.0          | 0.37        | 8.1         | NE   | 37  |
|     | 02 | 0.15         | 3.4          | 0.24        | 5.4         | 0.31         | 7.0          | 0.41        | 8.4         | NNE  | 33  |
|     | 04 | 0.16         | 2.7          | 0.24        | 3.2         | 0.30         | 3.6          | 0.42        | 7.3         | NNE  | 33  |
|     | 06 | 0.12         | 4.1          | 0.19        | 6.7         | 0.24         | 7.7          | 0.31        | 8.2         | N    | 0   |
|     | 08 | 0.14         | 2.8          | 0.22        | 3.9         | 0.28         | 4.5          | 0.39        | 6.0         | NE   | 45  |
|     | 10 | 0.20         | 2.6          | 0.31        | 3.1         | 0.39         | 3.2          | 0.53        | 3.0         | ENE  | 66  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.27         | 2.6          | 0.41        | 2.9         | 0.50         | 3.1          | 0.67        | 2.3         | N    | 3   |
|     | 14 | 0.32         | 3.4          | 0.49        | 4.2         | 0.62         | 4.5          | 0.89        | 5.2         | W    | 278 |
|     | 16 | 0.26         | 3.9          | 0.41        | 5.0         | 0.49         | 5.2          | 0.59        | 5.4         | NNE  | 20  |
|     | 18 | 0.43         | 5.5          | 0.64        | 6.1         | 0.79         | 6.1          | 0.98        | 6.9         | NNE  | 16  |
|     | 20 | * 0.72       | 4.3          | * 1.13      | 5.3         | * 1.43       | 5.2          | * 2.10      | 4.8         | NNE  | 12  |
|     | 22 | 0.61         | 4.8          | 0.97        | 5.9         | 1.19         | 6.1          | 1.49        | 6.3         | NNE  | 12  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 0.72         | 4.3          | 1.13        | 5.3         | 1.43         | 5.2          | 2.10        | 4.8         |      |     |
|     | 平均 | 0.29         | 3.7          | 0.45        | 4.9         | 0.57         | 5.4          | 0.76        | 6.0         |      |     |
| 31  | 00 | 0.62         | 5.6          | 0.97        | 6.7         | 1.15         | 7.0          | 1.38        | 7.0         | NNE  | 16  |
|     | 02 | 0.75         | 4.5          | 1.16        | 5.8         | 1.47         | 6.3          | 2.40        | 7.1         | NNE  | 20  |
|     | 04 | 0.88         | 4.8          | 1.39        | 6.1         | 1.73         | 6.3          | 2.34        | 6.4         | NNE  | 12  |
|     | 06 | 0.82         | 5.1          | 1.31        | 6.7         | 1.63         | 6.9          | 1.95        | 6.5         | NNE  | 29  |
|     | 08 | 0.67         | 5.1          | 1.04        | 6.5         | 1.30         | 7.0          | 1.88        | 6.6         | NNE  | 16  |
|     | 10 | 0.85         | 4.2          | 1.37        | 5.4         | 1.73         | 5.9          | 2.37        | 5.2         | NNE  | 20  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 12 | 0.92         | 5.1          | 1.40        | 6.2         | 1.72         | 6.4          | 2.25        | 7.1         | NNE  | 20  |
|     | 14 | 0.97         | 4.8          | 1.52        | 6.0         | 1.88         | 6.1          | 2.34        | 3.7         | NNE  | 20  |
|     | 16 | * 1.02       | 4.8          | * 1.61      | 6.1         | * 2.07       | 6.1          | * 2.97      | 6.8         | NNE  | 25  |
|     | 18 | 0.79         | 4.6          | 1.22        | 5.9         | 1.52         | 6.2          | 1.85        | 5.7         | NNE  | 25  |
|     | 20 | 0.71         | 4.7          | 1.10        | 6.4         | 1.38         | 7.5          | 1.74        | 7.7         | NNE  | 25  |
|     | 22 | 0.77         | 4.2          | 1.18        | 5.8         | 1.50         | 6.0          | 1.88        | 3.5         | NNE  | 16  |
|     |    |              |              |             |             |              |              |             |             |      |     |
|     | 最大 | 1.02         | 4.8          | 1.61        | 6.1         | 2.07         | 6.1          | 2.97        | 6.8         |      |     |
|     | 平均 | 0.81         | 4.8          | 1.27        | 6.1         | 1.59         | 6.5          | 2.11        | 6.1         |      |     |
| 月最大 | 起時 | 2.34         | 10.7         | 3.96        | 12.4        | 4.92         | 12.2         | 6.84        | 12.0        |      |     |
|     |    | 2704         |              | 2704        |             | 2704         |              | 2704        |             |      |     |
|     | 平均 | 0.48         | 5.3          | 0.77        | 7.0         | 0.96         | 7.4          | 1.27        | 7.4         |      |     |