

様式 2-1-1 潮位月表

潮位整理表

2001年1月

|                                                    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |       |              |        |              |               |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|--------------|--------|--------------|---------------|--------------|-----|--------------|-----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 球分体： + 2.700 m                                     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |       |              | 規定回数   |              | 744 回         |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 基本水準面： + 0.620 m                                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |       |              | 測得回数   |              | 744 回         |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 緯度： N 35° -39'-30" 東京湾平均海面： + 0.651 m (19920101)   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |       |              | 欠測回数   |              | 0 回 ( 0.0 % ) |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名： 敦賀港本港地区 経度： E 136° -03'-55" 検潮基準面： ± 0.000 m |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |       |              | 単位： cm |              |               |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 時<br>日                                             | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 計    | 平均    | 満<br>時：<br>分 | cm     | 干<br>時：<br>分 | cm            | 満<br>時：<br>分 | cm  | 干<br>時：<br>分 | cm  | 月<br>齢 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                                                  | 101 | 103 | 105 | 107 | 109 | 110 | 107 | 103 | 99  | 94  | 90  | 86  | 84  | 83  | 84  | 87  | 89  | 92  | 95  | 98  | 99  | 97  | 95  | 93  | 2310 | 96.3  | 4:45         | 110    | —            | —             | 19:40        | 99  | 12:45        | 83  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                                  | 91  | 90  | 91  | 93  | 95  | 97  | 99  | 98  | 98  | 98  | 97  | 97  | 96  | 96  | 98  | 102 | 105 | 108 | 111 | 113 | 116 | 115 | 114 | 112 | 2430 | 101.3 | 6:00         | 99     | 0:40         | 90            | 20:15        | 116 | 12:50        | 96  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                  | 109 | 106 | 102 | 101 | 102 | 104 | 106 | 107 | 107 | 107 | 105 | 104 | 102 | 100 | 99  | 99  | 101 | 103 | 105 | 106 | 107 | 105 | 103 | 101 | 2491 | 103.8 | 7:30         | 108    | 2:45         | 101           | 19:50        | 107 | 14:05        | 99  | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                  | 99  | 98  | 97  | 96  | 98  | 100 | 103 | 105 | 106 | 106 | 106 | 105 | 103 | 102 | 101 | 101 | 102 | 104 | 105 | 107 | 108 | 108 | 106 | 104 | 2470 | 102.9 | 8:35         | 107    | 3:00         | 96            | 20:10        | 108 | 14:45        | 101 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                  | 101 | 97  | 94  | 91  | 89  | 87  | 86  | 87  | 89  | 90  | 90  | 89  | 88  | 86  | 85  | 86  | 88  | 91  | 94  | 97  | 100 | 102 | 104 | 100 | 2211 | 92.1  | 9:30         | 91     | 5:30         | 86            | 22:00        | 104 | 14:00        | 85  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                                  | 96  | 92  | 88  | 84  | 80  | 77  | 76  | 78  | 81  | 83  | 86  | 87  | 88  | 86  | 84  | 82  | 81  | 80  | 81  | 82  | 84  | 86  | 88  | 87  | 2017 | 84.0  | 11:55        | 88     | 5:50         | 76            | 22:20        | 88  | 17:00        | 80  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                                  | 84  | 80  | 76  | 71  | 66  | 62  | 59  | 58  | 61  | 65  | 70  | 76  | 80  | 81  | 79  | 77  | 75  | 74  | 76  | 80  | 84  | 89  | 93  | 96  | 1812 | 75.5  | 12:40        | 82     | 6:45         | 58            | 23:20        | 96  | 17:05        | 74  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                                  | 95  | 92  | 88  | 84  | 80  | 76  | 72  | 69  | 69  | 72  | 77  | 82  | 86  | 90  | 91  | 89  | 87  | 85  | 83  | 82  | 84  | 86  | 87  | 89  | 1995 | 83.1  | 13:35        | 91     | 7:30         | 68            | 23:25        | 89  | 18:45        | 82  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                                  | 88  | 85  | 81  | 76  | 71  | 65  | 60  | 56  | 53  | 55  | 59  | 64  | 69  | 75  | 79  | 81  | 81  | 81  | 80  | 79  | 79  | 84  | 90  | 97  | 1788 | 74.5  | —            | —      | 8:05         | 53            | 15:25        | 82  | 19:35        | 79  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                                 | 104 | 107 | 104 | 100 | 94  | 88  | 82  | 76  | 71  | 68  | 71  | 77  | 84  | 90  | 96  | 100 | 103 | 102 | 100 | 97  | 96  | 97  | 99  | 102 | 2208 | 92.0  | 1:00         | 107    | 9:05         | 68            | 16:10        | 103 | 20:30        | 96  | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                                 | 106 | 110 | 110 | 107 | 102 | 96  | 89  | 82  | 77  | 73  | 71  | 75  | 82  | 90  | 98  | 105 | 109 | 110 | 109 | 107 | 105 | 104 | 105 | 108 | 2330 | 97.1  | 1:30         | 110    | 9:45         | 71            | 16:50        | 110 | 21:15        | 104 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                                                 | 112 | 116 | 120 | 121 | 118 | 113 | 107 | 101 | 95  | 89  | 84  | 82  | 84  | 91  | 98  | 104 | 110 | 113 | 112 | 109 | 107 | 104 | 102 | 102 | 2494 | 103.9 | 2:50         | 121    | 11:00        | 82            | 17:20        | 114 | 22:15        | 102 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                                                 | 105 | 108 | 112 | 115 | 116 | 112 | 106 | 100 | 93  | 87  | 82  | 78  | 76  | 79  | 86  | 92  | 98  | 103 | 105 | 103 | 102 | 100 | 99  | 98  | 2355 | 98.1  | 3:40         | 116    | 11:40        | 76            | 17:55        | 105 | 22:55        | 98  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                                                 | 101 | 106 | 111 | 115 | 119 | 121 | 118 | 114 | 107 | 99  | 90  | 81  | 76  | 77  | 81  | 86  | 90  | 95  | 99  | 101 | 100 | 100 | 99  | 98  | 2384 | 99.3  | 4:45         | 121    | 12:10        | 76            | 18:50        | 101 | 23:40        | 98  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                                                 | 98  | 101 | 104 | 108 | 111 | 112 | 110 | 106 | 101 | 95  | 90  | 85  | 82  | 80  | 81  | 84  | 87  | 91  | 94  | 97  | 96  | 93  | 90  | 86  | 2282 | 95.1  | 4:50         | 113    | —            | —             | 19:25        | 97  | 13:20        | 80  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                                                 | 83  | 81  | 80  | 82  | 84  | 86  | 88  | 89  | 88  | 86  | 83  | 81  | 79  | 78  | 77  | 79  | 81  | 84  | 86  | 88  | 89  | 87  | 85  | 83  | 2007 | 83.6  | 7:00         | 89     | 1:35         | 80            | 19:45        | 89  | 13:40        | 77  | 下<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                                                 | 81  | 79  | 77  | 76  | 78  | 80  | 83  | 85  | 85  | 84  | 83  | 81  | 79  | 76  | 74  | 73  | 74  | 76  | 77  | 79  | 81  | 81  | 79  | 77  | 1898 | 79.1  | 7:40         | 86     | 2:45         | 76            | 20:20        | 81  | 15:00        | 73  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                                                 | 75  | 72  | 70  | 68  | 66  | 66  | 69  | 72  | 75  | 77  | 80  | 81  | 82  | 82  | 83  | 83  | 84  | 84  | 85  | 86  | 88  | 89  | 89  | 87  | 1893 | 78.9  | —            | —      | 4:10         | 66            | 21:30        | 89  | —            | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                                                 | 84  | 81  | 78  | 74  | 71  | 68  | 67  | 69  | 70  | 72  | 74  | 76  | 77  | 76  | 75  | 73  | 72  | 72  | 73  | 74  | 75  | 76  | 76  | 75  | 1778 | 74.1  | 12:10        | 77     | 5:45         | 67            | 21:35        | 77  | 16:10        | 72  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                                                 | 74  | 71  | 67  | 63  | 60  | 56  | 53  | 54  | 57  | 61  | 64  | 68  | 71  | 73  | 75  | 76  | 77  | 78  | 79  | 81  | 83  | 85  | 87  | 88  | 1701 | 70.9  | —            | —      | 6:25         | 53            | 22:50        | 88  | —            | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21                                                 | 87  | 85  | 82  | 78  | 74  | 70  | 67  | 66  | 68  | 71  | 74  | 77  | 81  | 84  | 86  | 86  | 86  | 86  | 87  | 88  | 89  | 90  | 92  | 94  | 1948 | 81.2  | —            | —      | 7:05         | 66            | 23:30        | 95  | —            | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                                                 | 94  | 93  | 90  | 85  | 81  | 76  | 71  | 68  | 66  | 68  | 71  | 75  | 79  | 82  | 84  | 84  | 82  | 80  | 78  | 77  | 78  | 79  | 81  | 83  | 1905 | 79.4  | —            | —      | 7:45         | 66            | 14:20        | 84  | 18:50        | 77  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23                                                 | 85  | 85  | 83  | 79  | 74  | 69  | 64  | 61  | 60  | 61  | 65  | 70  | 74  | 78  | 81  | 83  | 82  | 80  | 77  | 75  | 73  | 74  | 76  | 79  | 1788 | 74.5  | 0:15         | 85     | 8:05         | 60            | 15:05        | 83  | 20:00        | 73  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                                                 | 81  | 80  | 78  | 75  | 69  | 64  | 59  | 54  | 50  | 48  | 49  | 52  | 56  | 61  | 65  | 68  | 68  | 67  | 65  | 64  | 63  | 65  | 67  | 70  | 1538 | 64.1  | 0:00         | 81     | 9:10         | 48            | 15:25        | 69  | 19:55        | 63  | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                                                 | 73  | 75  | 76  | 73  | 70  | 66  | 61  | 57  | 53  | 50  | 50  | 54  | 60  | 65  | 71  | 75  | 77  | 78  | 76  | 74  | 73  | 73  | 74  | 77  | 1631 | 68.0  | 1:35         | 76     | 9:25         | 49            | 16:30        | 78  | 20:35        | 72  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26                                                 | 80  | 83  | 84  | 83  | 80  | 75  | 71  | 66  | 61  | 56  | 53  | 54  | 57  | 60  | 62  | 65  | 67  | 69  | 68  | 66  | 64  | 62  | 63  | 66  | 1615 | 67.3  | 2:10         | 84     | 10:05        | 53            | 17:00        | 69  | 21:15        | 62  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27                                                 | 69  | 73  | 75  | 77  | 75  | 73  | 69  | 65  | 60  | 56  | 52  | 50  | 54  | 59  | 64  | 70  | 74  | 77  | 76  | 75  | 74  | 72  | 71  | 73  | 1633 | 68.0  | 2:55         | 77     | 10:35        | 50            | 17:15        | 77  | 21:45        | 71  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28                                                 | 77  | 81  | 84  | 86  | 85  | 83  | 80  | 76  | 71  | 67  | 65  | 64  | 67  | 72  | 77  | 82  | 87  | 92  | 93  | 92  | 90  | 88  | 86  | 85  | 1930 | 80.4  | 3:15         | 86     | 10:55        | 64            | 17:55        | 93  | 22:45        | 85  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29                                                 | 85  | 86  | 88  | 89  | 89  | 87  | 83  | 79  | 75  | 70  | 66  | 62  | 62  | 65  | 69  | 73  | 77  | 80  | 82  | 81  | 79  | 77  | 75  | 73  | 1852 | 77.2  | 3:30         | 90     | 11:35        | 61            | 18:00        | 82  | 23:30        | 72  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                                                 | 72  | 73  | 76  | 79  | 81  | 83  | 82  | 80  | 76  | 73  | 69  | 66  | 65  | 68  | 71  | 74  | 77  | 80  | 82  | 81  | 79  | 77  | 75  | 73  | 1812 | 75.5  | 4:55         | 83     | 11:55        | 65            | 18:10        | 82  | —            | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31                                                 | 71  | 70  | 72  | 75  | 78  | 80  | 79  | 77  | 75  | 72  | 69  | 66  | 64  | 64  | 67  | 70  | 73  | 75  | 76  | 75  | 74  | 72  | 70  | 69  | 1733 | 72.2  | 5:05         | 80     | 0:40         | 70            | 17:35        | 76  | 12:25        | 64  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月                                                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      | 62239 | 83.7         |        |              |               |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 121 cm 12日 2:50 月最低潮位 48 cm 24日 9:10

樣式 2-1-1 潮位月表

潮位整理表

2001年2月

| 球分体：+ 2.700 m                                   |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |      |      |          | 規定回数                |       | 672 回    |           |    |          |    |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|------|----------|---------------------|-------|----------|-----------|----|----------|----|--------|----------|--|----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 基本水準面：+ 0.620 m                                 |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |      |      |          | 測得回数                |       | 672 回    |           |    |          |    |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 緯度：N 35° -39'-30" 東京湾平均海面：+ 0.651 m (19920101)  |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |      |      |          | 欠測回数                |       | 0 回      | ( 0.0 % ) |    |          |    |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名：敦賀港本港地区 経度：E 136° -03'-55" 検潮基準面：± 0.000 m |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |      |      |          | 単位：cm               |       |          |           |    |          |    |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 時<br>日                                          | 0  | 1   | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23    | 計    | 平均   | 満<br>時：分 |                     | cm    | 干<br>時：分 |           | cm | 満<br>時：分 |    | cm     | 干<br>時：分 |  | cm | 月<br>齢 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                                               | 67 | 66  | 66 | 68 | 72 | 75 | 78 | 79 | 78 | 78 | 77 | 76 | 76 | 78 | 81 | 84 | 87 | 90 | 93 | 95 | 94 | 92 | 90 | 87    | 1927 | 80.3 | 6:55     | 79                  | 1:15  | 66       | 19:20     | 95 | 11:35    | 76 | 上<br>弦 |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                               | 84 | 82  | 80 | 80 | 81 | 83 | 85 | 87 | 88 | 86 | 84 | 81 | 79 | 77 | 75 | 73 | 75 | 76 | 78 | 79 | 78 | 76 | 74 | 71    | 1912 | 79.7 | 7:50     | 88                  | 2:25  | 79       | 19:25     | 79 | 14:55    | 73 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                               | 68 | 65  | 63 | 61 | 60 | 62 | 65 | 68 | 71 | 74 | 76 | 75 | 74 | 73 | 72 | 71 | 71 | 72 | 74 | 76 | 78 | 80 | 79 | 77    | 1705 | 71.0 | 10:10    | 76                  | 3:45  | 60       | 20:55     | 80 | 15:00    | 71 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                               | 75 | 71  | 67 | 64 | 62 | 60 | 61 | 62 | 65 | 67 | 69 | 72 | 74 | 74 | 74 | 73 | 72 | 73 | 75 | 76 | 78 | 80 | 79 | 77    | 1700 | 70.8 | 13:00    | 74                  | 5:00  | 60       | 21:30     | 80 | 16:00    | 72 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                               | 74 | 71  | 66 | 62 | 58 | 54 | 51 | 52 | 55 | 59 | 64 | 68 | 72 | 74 | 74 | 73 | 72 | 72 | 72 | 74 | 76 | 78 | 80 | 81    | 1632 | 68.0 | 13:20    | 74                  | 6:10  | 51       | 22:30     | 81 | 17:30    | 71 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                               | 79 | 77  | 73 | 69 | 64 | 60 | 56 | 54 | 55 | 60 | 65 | 70 | 75 | 79 | 81 | 82 | 80 | 79 | 78 | 78 | 79 | 81 | 84 | 87    | 1745 | 72.7 | 14:40    | 82                  | 7:10  | 53       | 23:50     | 88 | 18:35    | 77 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                               | 88 | 86  | 82 | 77 | 71 | 65 | 60 | 55 | 52 | 56 | 62 | 68 | 73 | 79 | 83 | 84 | 84 | 82 | 81 | 80 | 80 | 83 | 88 | 93    | 1812 | 75.5 | —        | —                   | 7:55  | 52       | 15:10     | 85 | 19:30    | 80 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                               | 98 | 100 | 97 | 92 | 86 | 79 | 72 | 65 | 60 | 57 | 58 | 63 | 69 | 76 | 80 | 82 | 82 | 79 | 77 | 75 | 73 | 73 | 77 | 81    | 1851 | 77.1 | 0:55     | 100                 | 9:10  | 57       | 15:20     | 82 | 20:30    | 73 | ○      |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                               | 85 | 89  | 88 | 85 | 81 | 75 | 69 | 62 | 55 | 48 | 45 | 50 | 57 | 65 | 71 | 74 | 76 | 75 | 73 | 72 | 70 | 68 | 69 | 73    | 1675 | 69.8 | 1:10     | 90                  | 9:50  | 45       | 16:10     | 76 | 21:30    | 68 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                              | 78 | 83  | 88 | 90 | 88 | 84 | 77 | 71 | 65 | 59 | 56 | 57 | 62 | 69 | 76 | 82 | 85 | 85 | 82 | 78 | 75 | 72 | 70 | 71    | 1803 | 75.1 | 2:50     | 90                  | 10:15 | 56       | 16:30     | 86 | 22:05    | 70 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                              | 74 | 80  | 85 | 88 | 87 | 84 | 80 | 75 | 68 | 61 | 55 | 51 | 54 | 60 | 66 | 73 | 77 | 79 | 78 | 74 | 71 | 67 | 64 | 62    | 1713 | 71.4 | 3:20     | 88                  | 11:10 | 51       | 17:15     | 79 | 23:25    | 61 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                                              | 63 | 67  | 71 | 76 | 79 | 79 | 77 | 72 | 67 | 61 | 56 | 51 | 49 | 53 | 58 | 63 | 68 | 71 | 70 | 68 | 65 | 62 | 58 | 56    | 1560 | 65.0 | 4:40     | 80                  | 11:55 | 49       | 17:10     | 71 | 23:50    | 55 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                                              | 55 | 58  | 63 | 69 | 74 | 78 | 78 | 77 | 74 | 70 | 67 | 63 | 61 | 61 | 65 | 71 | 75 | 79 | 82 | 81 | 79 | 77 | 75 | 73    | 1705 | 71.0 | 5:50     | 78                  | —     | —        | 18:15     | 82 | 12:20    | 60 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                                              | 72 | 72  | 74 | 78 | 82 | 86 | 89 | 88 | 87 | 85 | 82 | 80 | 79 | 78 | 81 | 84 | 87 | 90 | 92 | 91 | 90 | 86 | 82 | 78    | 1993 | 83.0 | 6:10     | 89                  | 0:50  | 72       | 18:10     | 92 | 12:45    | 78 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                                              | 75 | 71  | 68 | 67 | 69 | 72 | 74 | 77 | 78 | 77 | 76 | 75 | 73 | 72 | 72 | 73 | 75 | 78 | 81 | 83 | 83 | 82 | 81 | 80    | 1812 | 75.5 | 8:15     | 78                  | 2:40  | 66       | 19:40     | 83 | 13:30    | 72 | 下<br>弦 |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                                              | 78 | 77  | 76 | 76 | 78 | 81 | 84 | 88 | 90 | 91 | 91 | 90 | 88 | 86 | 84 | 82 | 81 | 82 | 82 | 83 | 84 | 83 | 81 | 78    | 1994 | 83.1 | 9:30     | 92                  | 2:35  | 76       | 20:00     | 84 | 16:15    | 81 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                                              | 75 | 71  | 68 | 64 | 60 | 58 | 57 | 59 | 61 | 62 | 64 | 65 | 65 | 65 | 65 | 65 | 66 | 66 | 67 | 68 | 70 | 71 | 70 | 68    | 1570 | 65.4 | —        | —                   | 5:40  | 57       | 21:00     | 71 | —        | —  |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                                              | 65 | 62  | 59 | 57 | 55 | 54 | 52 | 54 | 58 | 63 | 67 | 72 | 76 | 79 | 81 | 82 | 83 | 85 | 86 | 87 | 89 | 91 | 92 | 92    | 1741 | 72.5 | —        | —                   | 6:05  | 52       | 22:00     | 92 | —        | —  |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                                              | 91 | 89  | 86 | 83 | 80 | 77 | 75 | 74 | 75 | 78 | 81 | 84 | 87 | 88 | 88 | 88 | 86 | 85 | 84 | 84 | 85 | 86 | 86 | 84    | 2004 | 83.5 | 14:10    | 88                  | 6:55  | 74       | 21:20     | 86 | 18:40    | 84 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                                              | 82 | 80  | 76 | 72 | 67 | 63 | 58 | 55 | 54 | 56 | 59 | 63 | 66 | 68 | 70 | 71 | 70 | 68 | 67 | 67 | 68 | 69 | 71 | 72    | 1612 | 67.2 | 15:00    | 71                  | 7:30  | 54       | 23:55     | 73 | 18:35    | 67 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21                                              | 73 | 72  | 70 | 66 | 62 | 57 | 53 | 51 | 50 | 51 | 54 | 59 | 63 | 67 | 71 | 73 | 73 | 73 | 74 | 74 | 75 | 78 | 81 | 84    | 1604 | 66.8 | —        | —                   | 8:05  | 50       | —         | —  | —        | —  |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                                              | 87 | 88  | 86 | 83 | 80 | 76 | 72 | 68 | 65 | 64 | 67 | 71 | 75 | 79 | 83 | 85 | 84 | 82 | 81 | 80 | 79 | 80 | 82 | 85    | 1882 | 78.4 | 0:45     | 88                  | 8:40  | 64       | 14:55     | 85 | 19:50    | 79 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23                                              | 88 | 90  | 90 | 88 | 85 | 80 | 75 | 71 | 67 | 65 | 68 | 72 | 77 | 82 | 86 | 89 | 88 | 86 | 84 | 82 | 80 | 81 | 83 | 86    | 1943 | 81.0 | 1:30     | 91                  | 9:00  | 65       | 15:00     | 89 | 20:25    | 80 | ●      |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                                              | 89 | 91  | 92 | 90 | 86 | 82 | 77 | 72 | 68 | 64 | 64 | 67 | 71 | 75 | 80 | 83 | 83 | 80 | 77 | 74 | 70 | 69 | 70 | 72    | 1846 | 76.9 | 1:40     | 93                  | 9:30  | 63       | 15:35     | 83 | 21:05    | 69 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                                              | 76 | 81  | 84 | 84 | 82 | 78 | 73 | 67 | 61 | 56 | 54 | 55 | 59 | 64 | 69 | 73 | 75 | 74 | 71 | 68 | 65 | 62 | 60 | 62    | 1653 | 68.9 | 2:25     | 85                  | 10:10 | 54       | 16:10     | 75 | 21:55    | 60 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26                                              | 65 | 69  | 73 | 75 | 75 | 73 | 68 | 63 | 58 | 54 | 52 | 52 | 56 | 60 | 65 | 68 | 71 | 71 | 69 | 65 | 62 | 59 | 56 | 55    | 1534 | 63.9 | 3:35     | 76                  | 10:25 | 52       | 16:35     | 72 | 22:50    | 55 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27                                              | 57 | 61  | 65 | 68 | 71 | 69 | 65 | 62 | 58 | 54 | 51 | 50 | 52 | 56 | 60 | 64 | 67 | 68 | 67 | 65 | 62 | 60 | 58 | 57    | 1467 | 61.1 | 4:00     | 71                  | 10:55 | 50       | 16:55     | 68 | 23:05    | 57 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28                                              | 58 | 61  | 64 | 68 | 71 | 74 | 73 | 73 | 72 | 71 | 70 | 70 | 71 | 75 | 78 | 82 | 86 | 88 | 88 | 87 | 84 | 81 | 78 | 75    | 1798 | 74.9 | 5:10     | 74                  | 11:10 | 70       | 17:20     | 89 | 23:50    | 74 |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月                                             |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 49193 | 73.2 |      |          |                     |       |          |           |    |          |    |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 月最高潮位 100 cm 8日 0:55                            |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |      |      |          | 月最低潮位 45 cm 9日 9:50 |       |          |           |    |          |    |        |          |  |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 100 cm 8日 0:55 月最低潮位 45 cm 9日 9:50

様式 2-1-1 潮位月表

潮位整理表

2001年3月

| 球分体：+ 2.700 m                                   |     |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |     |     |     |     |     |     |     |     |       |                 |       | 規定回数  |       | 744 回        |       |     |       |                 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------|-----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------------|-------|-------|-------|--------------|-------|-----|-------|-----------------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 基本水準面：+ 0.620 m                                 |     |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |     |     |     |     |     |     |     |     |       |                 |       | 測得回数  |       | 744 回        |       |     |       |                 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 緯度：N 35° -39'-30" 東京湾平均海面：+ 0.651 m (19920101)  |     |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |     |     |     |     |     |     |     |     |       |                 |       | 欠測回数  |       | 0 回 ( 0.0 %) |       |     |       |                 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名：敦賀港本港地区 経度：E 136° -03'-55" 検潮基準面：± 0.000 m |     |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |     |     |     |     |     |     |     |     |       |                 |       | 単位：cm |       |              |       |     |       |                 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 時<br>日                                          | 0   | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12  | 13  | 14 | 15 | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 計     | 平均              | 満     |       | 干     |              | 満     |     | 干     |                 | 月<br>齢 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                 |     |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |     |     |     |     |     |     |     |     |       |                 | 時：分   | cm    | 時：分   | cm           | 時：分   | cm  | 時：分   | cm              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                                               | 75  | 76 | 80 | 83 | 86 | 89 | 91 | 89 | 87 | 85 | 82 | 80 | 78  | 80  | 84 | 87 | 90  | 92  | 93  | 91  | 89  | 85  | 81  | 77  | 2030  | 84.6            | 5:55  | 91    | 11:50 | 78           | 17:55 | 93  | —     | —               |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                               | 76  | 75 | 76 | 78 | 81 | 84 | 86 | 87 | 86 | 84 | 81 | 78 | 76  | 76  | 77 | 79 | 81  | 83  | 85  | 84  | 81  | 77  | 73  | 69  | 1913  | 79.7            | 7:10  | 87    | 0:35  | 75           | 18:10 | 85  | 12:15 | 76              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                               | 65  | 61 | 60 | 60 | 62 | 65 | 67 | 70 | 73 | 74 | 74 | 73 | 72  | 71  | 71 | 72 | 74  | 77  | 80  | 82  | 82  | 80  | 79  | 77  | 1721  | 71.7            | 9:25  | 75    | 2:00  | 60           | 19:15 | 82  | 13:00 | 71              | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                               | 74  | 71 | 69 | 67 | 67 | 69 | 74 | 80 | 86 | 89 | 91 | 93 | 95  | 96  | 97 | 99 | 101 | 103 | 107 | 111 | 114 | 114 | 112 | 108 | 2187  | 91.1            | —     | —     | 3:20  | 67           | 20:50 | 114 | —     | —               |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                               | 102 | 97 | 93 | 90 | 89 | 88 | 89 | 90 | 91 | 93 | 96 | 98 | 100 | 100 | 99 | 98 | 98  | 99  | 102 | 104 | 106 | 107 | 106 | 103 | 2338  | 97.4            | 12:50 | 100   | 4:45  | 88           | 21:20 | 107 | 16:00 | 98              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                               | 97  | 90 | 84 | 79 | 76 | 73 | 71 | 73 | 76 | 78 | 82 | 85 | 88  | 91  | 92 | 91 | 89  | 87  | 87  | 88  | 91  | 93  | 94  | 95  | 2050  | 85.4            | 13:55 | 92    | 5:55  | 71           | 22:45 | 95  | 17:40 | 87              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                               | 93  | 91 | 88 | 84 | 79 | 74 | 71 | 70 | 71 | 74 | 79 | 83 | 87  | 89  | 92 | 91 | 89  | 86  | 84  | 84  | 85  | 88  | 90  | 91  | 2013  | 83.9            | 14:20 | 92    | 6:50  | 70           | 23:55 | 92  | 18:30 | 84              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                               | 92  | 90 | 85 | 78 | 70 | 63 | 58 | 54 | 54 | 58 | 63 | 70 | 76  | 81  | 85 | 87 | 87  | 86  | 84  | 83  | 82  | 84  | 87  | 90  | 1847  | 77.0            | —     | —     | 7:30  | 54           | 15:20 | 87  | 19:40 | 82              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                               | 92  | 93 | 90 | 85 | 78 | 70 | 63 | 57 | 53 | 53 | 56 | 62 | 67  | 72  | 74 | 76 | 75  | 72  | 69  | 67  | 63  | 64  | 67  | 71  | 1689  | 70.4            | 0:50  | 93    | 8:30  | 53           | 15:00 | 76  | 20:00 | 63              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                              | 77  | 81 | 82 | 80 | 75 | 68 | 62 | 55 | 50 | 47 | 50 | 55 | 64  | 73  | 80 | 84 | 83  | 81  | 77  | 72  | 68  | 67  | 68  | 70  | 1669  | 69.5            | 2:00  | 82    | 9:00  | 47           | 15:25 | 84  | 20:50 | 67              | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                              | 75  | 80 | 82 | 83 | 81 | 75 | 67 | 60 | 53 | 48 | 47 | 49 | 52  | 57  | 62 | 66 | 67  | 66  | 61  | 55  | 49  | 47  | 46  | 48  | 1476  | 61.5            | 3:00  | 83    | 9:50  | 47           | 15:55 | 67  | 21:45 | 46              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                                              | 54  | 60 | 66 | 69 | 70 | 68 | 64 | 59 | 53 | 48 | 46 | 47 | 48  | 56  | 63 | 69 | 71  | 71  | 69  | 66  | 64  | 62  | 60  | 60  | 1463  | 61.0            | 3:55  | 70    | 10:20 | 46           | 16:30 | 71  | 22:35 | 59              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                                              | 61  | 65 | 72 | 78 | 82 | 84 | 81 | 74 | 68 | 62 | 58 | 57 | 58  | 60  | 64 | 67 | 69  | 69  | 66  | 62  | 57  | 51  | 47  | 44  | 1556  | 64.8            | 5:00  | 84    | 11:00 | 57           | 16:30 | 69  | 23:30 | 43              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                                              | 43  | 46 | 50 | 55 | 59 | 61 | 62 | 61 | 59 | 56 | 53 | 52 | 52  | 54  | 58 | 63 | 68  | 70  | 70  | 68  | 64  | 60  | 56  | 54  | 1394  | 58.1            | 6:00  | 62    | 11:20 | 51           | 17:25 | 71  | 23:50 | 52              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                                              | 52  | 54 | 57 | 62 | 70 | 76 | 82 | 87 | 89 | 87 | 84 | 82 | 80  | 80  | 81 | 83 | 85  | 88  | 89  | 87  | 83  | 78  | 73  | 69  | 1858  | 77.4            | 7:40  | 89    | —     | —            | 17:50 | 89  | 12:20 | 80              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                                              | 67  | 65 | 64 | 66 | 68 | 70 | 73 | 75 | 76 | 76 | 74 | 72 | 71  | 71  | 72 | 73 | 74  | 75  | 75  | 75  | 73  | 71  | 68  | 65  | 1709  | 71.2            | 8:30  | 76    | 1:35  | 64           | 18:05 | 75  | 12:30 | 71              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                                              | 62  | 59 | 56 | 55 | 56 | 58 | 61 | 63 | 65 | 67 | 68 | 70 | 71  | 73  | 75 | 76 | 78  | 79  | 80  | 80  | 80  | 79  | 78  | 77  | 1666  | 69.4            | —     | —     | 2:50  | 55           | 18:45 | 80  | —     | —               | 下<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                                              | 76  | 73 | 70 | 69 | 68 | 69 | 71 | 74 | 76 | 79 | 81 | 82 | 83  | 83  | 83 | 83 | 84  | 85  | 86  | 86  | 86  | 86  | 84  | 82  | 1899  | 79.1            | —     | —     | 4:10  | 68           | 19:30 | 86  | —     | —               |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                                              | 79  | 76 | 74 | 71 | 69 | 68 | 68 | 69 | 71 | 73 | 76 | 78 | 80  | 81  | 82 | 82 | 82  | 81  | 80  | 79  | 79  | 80  | 81  | 81  | 1840  | 76.7            | 14:50 | 82    | 5:10  | 68           | 22:40 | 81  | 19:10 | 79              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                                              | 80  | 77 | 74 | 71 | 68 | 65 | 63 | 63 | 64 | 67 | 70 | 74 | 78  | 80  | 81 | 82 | 82  | 83  | 84  | 86  | 88  | 90  | 93  | 94  | 1857  | 77.4            | —     | —     | 6:20  | 63           | 23:00 | 94  | —     | —               |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21                                              | 93  | 92 | 90 | 86 | 83 | 80 | 78 | 77 | 77 | 79 | 81 | 84 | 85  | 86  | 87 | 86 | 84  | 82  | 80  | 80  | 81  | 82  | 83  | 85  | 2001  | 83.4            | 14:10 | 87    | 7:15  | 77           | 23:45 | 85  | 18:40 | 80              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                                              | 85  | 83 | 80 | 76 | 71 | 66 | 62 | 60 | 60 | 63 | 66 | 70 | 74  | 78  | 81 | 82 | 81  | 80  | 79  | 77  | 78  | 80  | 83  | 87  | 1802  | 75.1            | —     | —     | 7:20  | 60           | 15:10 | 82  | 19:10 | 77              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23                                              | 89  | 90 | 88 | 85 | 80 | 74 | 70 | 66 | 64 | 64 | 66 | 69 | 73  | 75  | 78 | 78 | 75  | 71  | 68  | 66  | 66  | 67  | 70  | 73  | 1765  | 73.5            | 0:40  | 90    | 8:25  | 63           | 14:45 | 78  | 19:45 | 65              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                                              | 76  | 77 | 77 | 74 | 70 | 65 | 60 | 56 | 54 | 55 | 57 | 61 | 64  | 67  | 69 | 70 | 69  | 66  | 63  | 60  | 58  | 59  | 62  | 66  | 1555  | 64.8            | 1:30  | 78    | 8:20  | 53           | 15:10 | 71  | 20:15 | 58              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                                              | 70  | 74 | 76 | 75 | 73 | 71 | 68 | 65 | 62 | 61 | 62 | 64 | 68  | 73  | 77 | 79 | 77  | 75  | 73  | 71  | 70  | 69  | 72  | 76  | 1701  | 70.9            | 2:20  | 76    | 8:55  | 61           | 15:10 | 79  | 20:50 | 69              | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26                                              | 81  | 86 | 89 | 91 | 90 | 88 | 85 | 79 | 73 | 71 | 71 | 73 | 76  | 80  | 84 | 86 | 86  | 83  | 79  | 75  | 71  | 69  | 69  | 72  | 1907  | 79.5            | 3:00  | 91    | 9:20  | 70           | 15:30 | 86  | 21:25 | 69              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27                                              | 75  | 79 | 83 | 87 | 88 | 86 | 82 | 77 | 73 | 70 | 69 | 71 | 74  | 78  | 81 | 84 | 85  | 84  | 80  | 76  | 71  | 68  | 67  | 68  | 1856  | 77.3            | 3:50  | 88    | 9:50  | 69           | 15:40 | 85  | 22:00 | 67              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28                                              | 70  | 75 | 79 | 83 | 87 | 87 | 85 | 82 | 79 | 75 | 73 | 74 | 75  | 78  | 82 | 85 | 86  | 85  | 83  | 77  | 72  | 67  | 63  | 62  | 1864  | 77.7            | 4:40  | 87    | 10:10 | 73           | 16:00 | 86  | 23:20 | 62              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29                                              | 64  | 68 | 74 | 79 | 83 | 85 | 84 | 83 | 82 | 79 | 77 | 78 | 79  | 82  | 86 | 90 | 93  | 92  | 90  | 86  | 82  | 77  | 73  | 69  | 1935  | 80.6            | 5:15  | 85    | 10:30 | 77           | 16:25 | 93  | 23:35 | 68              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                                              | 69  | 70 | 73 | 77 | 82 | 86 | 89 | 89 | 87 | 85 | 82 | 80 | 81  | 83  | 86 | 89 | 91  | 93  | 91  | 88  | 83  | 78  | 73  | 68  | 1973  | 82.2            | 6:25  | 90    | 11:05 | 80           | 16:55 | 93  | —     | —               |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31                                              | 65  | 66 | 68 | 72 | 76 | 80 | 83 | 85 | 85 | 85 | 83 | 81 | 80  | 79  | 79 | 80 | 80  | 81  | 81  | 80  | 77  | 72  | 67  | 62  | 1847  | 77.0            | 7:50  | 85    | 0:30  | 65           | 18:00 | 81  | 13:30 | 79              |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月                                             |     |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |     |     |     |     |     |     |     |     | 56381 | 75.8            |       |       |       |              |       |     |       |                 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 月最高潮位                                           |     |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |     |     |     |     |     |     |     |     |       | 114 cm 4日 20:50 |       |       |       | 月最低潮位        |       |     |       | 43 cm 13日 23:30 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

樣式 2-1-1 潮位月表

潮位整理表

2001年4月

|               |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                 |      |       |       |                                                  |       |                  |           |                |       |                  |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------------|------|-------|-------|--------------------------------------------------|-------|------------------|-----------|----------------|-------|------------------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|               |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                 |      |       |       | 規定回数                                             |       | 720 回            |           |                |       |                  |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|               |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                 |      |       |       | 測得回数                                             |       | 720 回            |           |                |       |                  |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|               |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                 |      |       |       | 欠測回数                                             |       | 0 回              | ( 0.0 % ) |                |       |                  |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名： 敦賀港本港地区 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                 |      |       |       | 緯度： N 35° -39'-30" 東京湾平均海面： + 0.651 m (19920101) |       | 基本水準面： + 0.620 m |           | 球分体： + 2.700 m |       | 検潮基準面： ± 0.000 m |        | 単位： cm |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 時             | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23              | 計    | 平均    | 満     |                                                  | 干     |                  | 満         |                | 干     |                  | 月<br>齢 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 日             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                 |      |       | 時：分   | cm                                               | 時：分   | cm               | 時：分       | cm             | 時：分   | cm               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1             | 58 | 56 | 56 | 57 | 59 | 63 | 66 | 68 | 70 | 70 | 70 | 70 | 71 | 71 | 72 | 73 | 75 | 76 | 77 | 77 | 76 | 74 | 70 | 65              | 1640 | 68.3  | —     | —                                                | 1:45  | 56               | 18:20     | 78             | —     | —                | 上<br>弦 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2             | 61 | 57 | 55 | 53 | 54 | 57 | 61 | 65 | 68 | 71 | 73 | 75 | 77 | 78 | 80 | 81 | 83 | 85 | 88 | 89 | 89 | 88 | 87 | 83              | 1758 | 73.3  | —     | —                                                | 3:00  | 53               | 19:35     | 90             | —     | —                |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3             | 80 | 77 | 74 | 72 | 71 | 72 | 74 | 78 | 81 | 85 | 87 | 88 | 89 | 89 | 88 | 87 | 87 | 87 | 88 | 89 | 90 | 91 | 90 | 86              | 2000 | 83.3  | 12:40 | 89                                               | 4:00  | 71               | 21:10     | 91             | 16:20 | 87               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4             | 82 | 77 | 72 | 67 | 63 | 60 | 58 | 59 | 61 | 63 | 67 | 71 | 73 | 74 | 73 | 71 | 69 | 68 | 67 | 67 | 68 | 70 | 71 | 72              | 1643 | 68.5  | 13:05 | 74                                               | 6:05  | 58               | 22:50     | 72             | 17:55 | 67               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5             | 70 | 66 | 62 | 55 | 50 | 47 | 45 | 45 | 48 | 52 | 58 | 63 | 67 | 69 | 69 | 68 | 67 | 66 | 65 | 66 | 68 | 71 | 75 | 78              | 1490 | 62.1  | —     | —                                                | 6:20  | 45               | 13:25     | 69             | 18:15 | 65               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6             | 80 | 79 | 76 | 70 | 65 | 60 | 56 | 53 | 54 | 58 | 62 | 67 | 72 | 75 | 75 | 74 | 71 | 67 | 63 | 61 | 61 | 63 | 67 | 72              | 1601 | 66.7  | 0:05  | 80                                               | 7:10  | 53               | 14:50     | 75             | 19:25 | 61               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7             | 76 | 77 | 76 | 71 | 67 | 60 | 53 | 49 | 47 | 48 | 51 | 58 | 64 | 68 | 69 | 68 | 63 | 59 | 55 | 53 | 51 | 52 | 55 | 61              | 1451 | 60.5  | 1:10  | 77                                               | 8:00  | 47               | 14:10     | 69             | 20:05 | 51               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8             | 66 | 71 | 73 | 72 | 68 | 63 | 57 | 51 | 48 | 47 | 49 | 54 | 62 | 68 | 72 | 73 | 71 | 65 | 60 | 55 | 51 | 51 | 53 | 58              | 1458 | 60.8  | 2:05  | 73                                               | 8:40  | 47               | 14:50     | 74             | 20:45 | 50               | ○      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9             | 65 | 72 | 78 | 80 | 79 | 76 | 71 | 67 | 64 | 62 | 63 | 65 | 70 | 75 | 79 | 80 | 78 | 73 | 67 | 62 | 58 | 55 | 54 | 56              | 1649 | 68.7  | 3:00  | 80                                               | 9:10  | 62               | 15:00     | 80             | 21:35 | 54               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10            | 59 | 64 | 70 | 74 | 75 | 74 | 71 | 66 | 62 | 59 | 58 | 59 | 62 | 66 | 70 | 74 | 74 | 71 | 65 | 59 | 54 | 49 | 46 | 47              | 1528 | 63.7  | 3:50  | 75                                               | 9:50  | 58               | 15:25     | 75             | 22:15 | 46               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11            | 52 | 58 | 65 | 70 | 75 | 77 | 76 | 75 | 73 | 71 | 70 | 71 | 74 | 78 | 82 | 86 | 88 | 88 | 86 | 82 | 78 | 73 | 70 | 68              | 1786 | 74.4  | 5:15  | 77                                               | 10:10 | 70               | 16:30     | 88             | 23:00 | 68               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12            | 68 | 71 | 76 | 81 | 86 | 91 | 92 | 92 | 90 | 88 | 86 | 85 | 87 | 89 | 92 | 94 | 96 | 96 | 93 | 89 | 84 | 78 | 73 | 69              | 2046 | 85.3  | 6:00  | 92                                               | 10:35 | 85               | 16:15     | 96             | —     | —                |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13            | 66 | 68 | 71 | 75 | 78 | 82 | 84 | 85 | 85 | 84 | 83 | 82 | 82 | 83 | 85 | 86 | 88 | 88 | 86 | 83 | 79 | 75 | 70 | 67              | 1915 | 79.8  | 7:10  | 85                                               | 0:00  | 66               | 16:40     | 88             | 11:00 | 82               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14            | 63 | 62 | 63 | 65 | 68 | 72 | 75 | 77 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 87 | 86 | 84 | 81 | 78 | 75 | 71              | 1854 | 77.3  | —     | —                                                | 0:55  | 62               | 16:50     | 87             | —     | —                |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15            | 68 | 65 | 63 | 64 | 67 | 70 | 74 | 76 | 79 | 81 | 83 | 84 | 85 | 86 | 86 | 87 | 87 | 88 | 88 | 86 | 84 | 81 | 78 | 75              | 1885 | 78.5  | —     | —                                                | 2:00  | 63               | 17:30     | 88             | —     | —                |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16            | 71 | 69 | 67 | 65 | 66 | 67 | 69 | 71 | 74 | 76 | 77 | 77 | 78 | 78 | 78 | 78 | 78 | 78 | 77 | 76 | 73 | 71 | 68 | 1760            | 73.3 | —     | —     | 3:10                                             | 65    | 17:30            | 78        | —              | —     | 下<br>弦           |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17            | 66 | 64 | 62 | 61 | 60 | 61 | 62 | 64 | 66 | 68 | 69 | 70 | 72 | 73 | 73 | 72 | 72 | 72 | 72 | 72 | 71 | 69 | 67 | 1630            | 67.9 | —     | —     | 4:10                                             | 60    | 13:10            | 73        | —              | —     |                  |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18            | 64 | 62 | 60 | 57 | 56 | 55 | 56 | 59 | 62 | 64 | 67 | 68 | 70 | 71 | 70 | 69 | 68 | 67 | 68 | 71 | 73 | 74 | 75 | 74              | 1580 | 65.8  | 13:05 | 71                                               | 5:10  | 55               | 22:05     | 75             | 17:15 | 67               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19            | 72 | 70 | 68 | 65 | 63 | 61 | 61 | 62 | 64 | 68 | 72 | 74 | 76 | 77 | 77 | 76 | 75 | 75 | 75 | 77 | 79 | 81 | 83 | 84              | 1735 | 72.3  | 13:10 | 77                                               | 6:00  | 61               | 23:40     | 84             | 17:40 | 75               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20            | 84 | 83 | 80 | 77 | 74 | 72 | 70 | 70 | 71 | 73 | 75 | 76 | 77 | 77 | 75 | 72 | 68 | 65 | 63 | 62 | 63 | 65 | 67 | 69              | 1728 | 72.0  | —     | —                                                | 6:30  | 70               | 12:25     | 77             | 18:50 | 62               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21            | 70 | 69 | 66 | 62 | 58 | 54 | 51 | 49 | 50 | 52 | 56 | 59 | 61 | 62 | 61 | 58 | 55 | 52 | 51 | 50 | 51 | 55 | 58 | 63              | 1373 | 57.2  | 0:20  | 70                                               | 7:10  | 49               | 13:15     | 62             | 19:10 | 50               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22            | 66 | 68 | 68 | 66 | 63 | 59 | 57 | 54 | 54 | 57 | 61 | 65 | 69 | 70 | 70 | 67 | 62 | 57 | 53 | 51 | 50 | 50 | 53 | 57              | 1447 | 60.3  | 1:25  | 68                                               | 7:35  | 54               | 13:40     | 70             | 20:05 | 50               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23            | 61 | 65 | 67 | 65 | 62 | 58 | 54 | 52 | 52 | 54 | 58 | 61 | 65 | 68 | 69 | 68 | 66 | 62 | 58 | 54 | 51 | 51 | 54 | 59              | 1434 | 59.8  | 2:10  | 67                                               | 7:50  | 51               | 14:05     | 69             | 20:30 | 50               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24            | 65 | 70 | 73 | 74 | 73 | 72 | 70 | 68 | 66 | 66 | 69 | 72 | 76 | 79 | 80 | 80 | 78 | 73 | 68 | 64 | 60 | 57 | 58 | 62              | 1673 | 69.7  | 3:20  | 74                                               | 8:30  | 65               | 14:40     | 81             | 21:15 | 57               | ●      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25            | 66 | 72 | 77 | 79 | 80 | 79 | 75 | 70 | 67 | 65 | 65 | 67 | 71 | 74 | 77 | 79 | 76 | 71 | 65 | 59 | 54 | 50 | 49 | 51              | 1638 | 68.3  | 3:50  | 80                                               | 9:10  | 65               | 14:50     | 79             | 21:55 | 49               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26            | 54 | 58 | 63 | 66 | 68 | 68 | 65 | 62 | 59 | 58 | 59 | 61 | 63 | 66 | 69 | 70 | 70 | 67 | 62 | 56 | 50 | 46 | 44 | 43              | 1447 | 60.3  | 4:30  | 68                                               | 9:35  | 58               | 15:20     | 70             | 22:35 | 43               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27            | 46 | 50 | 55 | 60 | 64 | 68 | 68 | 66 | 65 | 64 | 63 | 64 | 66 | 69 | 72 | 75 | 76 | 74 | 70 | 66 | 60 | 53 | 49 | 47              | 1510 | 62.9  | 5:40  | 69                                               | 9:50  | 63               | 15:50     | 76             | 23:25 | 47               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28            | 47 | 50 | 55 | 59 | 64 | 68 | 70 | 71 | 70 | 70 | 69 | 69 | 70 | 72 | 74 | 77 | 80 | 80 | 77 | 73 | 67 | 61 | 55 | 51              | 1599 | 66.6  | 7:00  | 71                                               | 10:20 | 69               | 16:30     | 81             | —     | —                |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29            | 49 | 49 | 52 | 56 | 60 | 64 | 68 | 71 | 72 | 72 | 72 | 72 | 73 | 74 | 75 | 77 | 80 | 81 | 80 | 78 | 74 | 70 | 64 | 60              | 1643 | 68.5  | —     | —                                                | 0:15  | 48               | 17:00     | 81             | —     | —                |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30            | 56 | 55 | 55 | 57 | 61 | 65 | 68 | 72 | 74 | 76 | 77 | 77 | 77 | 76 | 77 | 78 | 79 | 81 | 81 | 79 | 76 | 72 | 67 | 61              | 1697 | 70.7  | 10:40 | 77                                               | 1:30  | 54               | 18:00     | 81             | 13:00 | 76               |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 49598           | 68.9 |       |       |                                                  |       |                  |           |                |       |                  |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 月最高潮位         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 96 cm 12日 16:15 |      | 月最低潮位 |       | 43 cm 26日 22:35                                  |       |                  |           |                |       |                  |        |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

様式 2-1-1 潮位月表

潮位整理表

2001年5月

| 球分体：+ 2.700 m                                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |       |      |       | 規定回数  |       | 744 回        |       |     |       |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|-------|------|-------|-------|-------|--------------|-------|-----|-------|----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 基本水準面：+ 0.620 m                                  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |       |      |       | 測得回数  |       | 744 回        |       |     |       |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 緯度：N 35° -39'-30" 東京湾平均海面：+ 0.651 m (19920101)   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |       |      |       | 欠測回数  |       | 0 回 ( 0.0 %) |       |     |       |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名： 敦賀港本港地区 経度：E 136° -03'-55" 検潮基準面：± 0.000 m |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |       |      |       | 単位：cm |       |              |       |     |       |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 時<br>日                                           | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16  | 17  | 18 | 19 | 20 | 21 | 22 | 23 | 計     | 平均   | 満     |       | 干     |              | 満     |     | 干     |    | 月<br>齢 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |       |      | 時：分   | cm    | 時：分   | cm           | 時：分   | cm  | 時：分   | cm |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                                                | 56 | 52 | 48 | 47 | 48 | 51 | 54 | 58 | 62 | 67 | 70 | 71 | 71 | 69 | 68 | 68 | 70  | 72  | 75 | 76 | 76 | 73 | 70 | 66 | 1538  | 64.1 | 11:30 | 71    | 2:50  | 47           | 19:30 | 77  | 14:30 | 68 | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                                | 61 | 58 | 53 | 50 | 48 | 50 | 52 | 56 | 60 | 64 | 68 | 70 | 71 | 70 | 69 | 68 | 68  | 69  | 71 | 73 | 76 | 77 | 76 | 74 | 1552  | 64.7 | 11:55 | 71    | 4:00  | 48           | 21:20 | 77  | 15:40 | 68 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                | 71 | 67 | 63 | 59 | 55 | 53 | 54 | 57 | 61 | 65 | 69 | 72 | 73 | 72 | 70 | 67 | 64  | 63  | 63 | 64 | 65 | 66 | 69 | 70 | 1552  | 64.7 | 12:15 | 73    | 5:05  | 53           | 23:00 | 70  | 17:30 | 63 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                | 68 | 65 | 60 | 55 | 51 | 48 | 48 | 49 | 52 | 55 | 60 | 64 | 67 | 67 | 64 | 61 | 58  | 56  | 55 | 56 | 58 | 60 | 64 | 67 | 1408  | 58.7 | —     | —     | 6:00  | 48           | 12:35 | 68  | 18:20 | 55 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                | 68 | 66 | 62 | 58 | 55 | 52 | 50 | 49 | 51 | 55 | 60 | 64 | 68 | 70 | 68 | 65 | 61  | 57  | 54 | 52 | 54 | 56 | 61 | 65 | 1421  | 59.2 | 0:10  | 68    | 6:45  | 49           | 12:55 | 70  | 19:05 | 52 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                                | 68 | 70 | 70 | 67 | 63 | 58 | 54 | 53 | 53 | 57 | 60 | 65 | 69 | 71 | 71 | 69 | 65  | 59  | 54 | 51 | 51 | 52 | 56 | 62 | 1468  | 61.2 | 1:15  | 71    | 7:25  | 53           | 13:20 | 72  | 19:55 | 51 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                                | 67 | 71 | 74 | 73 | 70 | 66 | 62 | 61 | 60 | 62 | 65 | 70 | 74 | 77 | 79 | 78 | 74  | 68  | 63 | 59 | 56 | 55 | 58 | 64 | 1606  | 66.9 | 2:15  | 74    | 8:00  | 60           | 13:50 | 79  | 20:50 | 55 | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                                | 71 | 78 | 83 | 86 | 86 | 84 | 82 | 79 | 77 | 77 | 80 | 84 | 88 | 92 | 94 | 93 | 90  | 85  | 80 | 75 | 69 | 66 | 66 | 69 | 1934  | 80.6 | 3:15  | 86    | 8:30  | 77           | 14:15 | 94  | 21:20 | 65 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                                | 74 | 81 | 86 | 89 | 92 | 91 | 89 | 86 | 84 | 82 | 83 | 85 | 88 | 91 | 93 | 93 | 90  | 85  | 79 | 74 | 69 | 65 | 63 | 64 | 1976  | 82.3 | 4:15  | 92    | 9:00  | 82           | 14:40 | 93  | 22:05 | 63 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                               | 68 | 73 | 79 | 83 | 86 | 87 | 86 | 84 | 82 | 80 | 80 | 81 | 83 | 86 | 87 | 88 | 88  | 84  | 80 | 72 | 67 | 61 | 57 | 55 | 1877  | 78.2 | 5:05  | 87    | 9:25  | 80           | 15:00 | 88  | 22:55 | 55 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                               | 57 | 61 | 65 | 70 | 73 | 76 | 78 | 78 | 77 | 75 | 74 | 75 | 77 | 79 | 81 | 82 | 82  | 80  | 76 | 71 | 65 | 60 | 55 | 52 | 1719  | 71.6 | 6:30  | 78    | 9:50  | 74           | 15:30 | 83  | 23:35 | 51 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                                               | 52 | 53 | 57 | 60 | 64 | 68 | 70 | 71 | 70 | 70 | 69 | 69 | 70 | 70 | 72 | 73 | 74  | 73  | 70 | 68 | 62 | 57 | 52 | 49 | 1563  | 65.1 | 7:25  | 71    | 10:10 | 69           | 15:55 | 74  | —     | —  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                                               | 47 | 48 | 50 | 52 | 56 | 59 | 61 | 63 | 64 | 65 | 65 | 66 | 67 | 68 | 70 | 71 | 72  | 72  | 71 | 70 | 67 | 63 | 58 | 55 | 1500  | 62.5 | —     | —     | 0:20  | 47           | 16:40 | 72  | —     | —  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                                               | 53 | 52 | 53 | 55 | 58 | 61 | 64 | 66 | 68 | 69 | 71 | 72 | 72 | 73 | 73 | 74 | 75  | 76  | 75 | 72 | 70 | 67 | 64 | 61 | 1594  | 66.4 | —     | —     | 1:00  | 52           | 17:00 | 76  | —     | —  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                                               | 59 | 58 | 57 | 58 | 60 | 63 | 66 | 68 | 70 | 72 | 74 | 75 | 76 | 76 | 77 | 78 | 79  | 80  | 80 | 79 | 78 | 77 | 76 | 73 | 1709  | 71.2 | —     | —     | 2:00  | 57           | 17:50 | 80  | —     | —  | 下<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                                               | 71 | 69 | 67 | 66 | 67 | 69 | 72 | 75 | 78 | 81 | 83 | 85 | 85 | 85 | 85 | 85 | 86  | 87  | 87 | 87 | 87 | 86 | 84 | 82 | 1909  | 79.5 | —     | —     | 3:05  | 66           | 18:30 | 87  | —     | —  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                                               | 80 | 78 | 76 | 74 | 74 | 75 | 76 | 79 | 81 | 84 | 85 | 86 | 86 | 85 | 83 | 82 | 81  | 81  | 81 | 82 | 83 | 83 | 83 | 82 | 1940  | 80.8 | 11:20 | 86    | 4:00  | 74           | 21:30 | 84  | 17:00 | 81 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                                               | 80 | 78 | 76 | 74 | 71 | 71 | 72 | 74 | 76 | 79 | 81 | 83 | 84 | 84 | 84 | 83 | 81  | 80  | 80 | 81 | 83 | 85 | 86 | 87 | 1913  | 79.7 | 12:30 | 84    | 4:50  | 71           | 23:10 | 87  | 17:45 | 80 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                                               | 86 | 85 | 83 | 81 | 79 | 78 | 78 | 81 | 83 | 86 | 90 | 93 | 94 | 93 | 91 | 87 | 84  | 81  | 79 | 80 | 82 | 85 | 88 | 91 | 2038  | 84.9 | —     | —     | 5:30  | 78           | 12:20 | 94  | 18:25 | 79 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                                               | 93 | 91 | 88 | 84 | 81 | 79 | 77 | 78 | 82 | 85 | 89 | 92 | 94 | 94 | 92 | 89 | 84  | 79  | 76 | 74 | 75 | 78 | 82 | 86 | 2022  | 84.3 | 0:10  | 93    | 6:10  | 77           | 12:30 | 95  | 19:05 | 74 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21                                               | 89 | 91 | 90 | 88 | 85 | 83 | 81 | 80 | 82 | 84 | 87 | 90 | 92 | 92 | 89 | 85 | 81  | 76  | 72 | 70 | 69 | 71 | 74 | 77 | 1978  | 82.4 | 1:10  | 91    | 6:45  | 80           | 12:45 | 92  | 19:35 | 69 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                                               | 81 | 84 | 84 | 83 | 80 | 76 | 72 | 70 | 71 | 73 | 77 | 80 | 83 | 85 | 83 | 78 | 72  | 67  | 62 | 59 | 56 | 57 | 60 | 65 | 1758  | 73.3 | 2:00  | 84    | 7:15  | 70           | 13:05 | 86  | 20:15 | 56 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23                                               | 70 | 75 | 79 | 81 | 80 | 76 | 74 | 73 | 73 | 75 | 79 | 83 | 87 | 89 | 90 | 87 | 81  | 74  | 68 | 64 | 62 | 61 | 64 | 69 | 1814  | 75.6 | 3:00  | 81    | 7:50  | 73           | 13:40 | 90  | 20:35 | 61 | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                                               | 74 | 79 | 85 | 89 | 90 | 88 | 86 | 84 | 83 | 84 | 87 | 90 | 93 | 96 | 98 | 97 | 94  | 90  | 83 | 77 | 72 | 68 | 67 | 69 | 2023  | 84.3 | 3:55  | 90    | 8:10  | 83           | 13:15 | 98  | 21:40 | 67 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                                               | 73 | 78 | 83 | 87 | 90 | 91 | 88 | 86 | 83 | 81 | 82 | 84 | 86 | 89 | 91 | 92 | 90  | 85  | 80 | 73 | 68 | 63 | 60 | 60 | 1943  | 81.0 | 4:55  | 91    | 9:05  | 81           | 14:55 | 92  | 22:30 | 59 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26                                               | 62 | 68 | 74 | 80 | 85 | 87 | 88 | 87 | 85 | 85 | 85 | 88 | 92 | 95 | 97 | 98 | 97  | 95  | 90 | 84 | 78 | 72 | 68 | 66 | 2006  | 83.6 | 5:55  | 88    | 9:10  | 85           | 15:30 | 98  | 23:25 | 65 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27                                               | 66 | 70 | 75 | 80 | 85 | 88 | 92 | 94 | 94 | 92 | 91 | 91 | 93 | 95 | 97 | 99 | 101 | 101 | 98 | 93 | 87 | 80 | 73 | 69 | 2104  | 87.7 | 7:20  | 94    | 10:35 | 91           | 16:20 | 101 | —     | —  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28                                               | 66 | 67 | 69 | 74 | 78 | 82 | 85 | 86 | 87 | 87 | 87 | 86 | 86 | 87 | 88 | 90 | 93  | 94  | 93 | 90 | 85 | 80 | 74 | 70 | 1984  | 82.7 | 8:15  | 87    | 0:20  | 66           | 17:05 | 95  | 11:30 | 86 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29                                               | 66 | 65 | 65 | 68 | 71 | 74 | 78 | 81 | 83 | 83 | 83 | 82 | 82 | 82 | 83 | 85 | 86  | 87  | 88 | 87 | 85 | 80 | 76 | 71 | 1891  | 78.8 | 9:30  | 84    | 1:25  | 64           | 18:15 | 88  | 12:40 | 82 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                                               | 67 | 63 | 62 | 62 | 64 | 67 | 71 | 74 | 77 | 79 | 81 | 81 | 79 | 78 | 77 | 78 | 79  | 81  | 84 | 87 | 87 | 86 | 84 | 81 | 1829  | 76.2 | 10:20 | 81    | 2:20  | 62           | 19:50 | 87  | 14:10 | 77 | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31                                               | 79 | 76 | 74 | 72 | 72 | 73 | 76 | 79 | 81 | 83 | 84 | 84 | 82 | 81 | 80 | 79 | 78  | 79  | 80 | 82 | 85 | 87 | 87 | 84 | 1917  | 79.9 | 10:40 | 84    | 3:30  | 72           | 21:30 | 87  | 16:05 | 78 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月                                              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    | 55486 | 74.6 |       |       |       |              |       |     |       |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 101 cm 27日 16:20 月最低潮位 47 cm 13日 0:20

様式 2-1-1 潮位月表

潮位整理表

2001年6月

|                                                    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |       |             |       |             |              |             |     |             |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|-------------|-------|-------------|--------------|-------------|-----|-------------|-----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 球分体：+ 2.700 m                                      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |       |             | 規定回数  |             | 720 回        |             |     |             |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 基本水準面：+ 0.620 m                                    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |       |             | 測得回数  |             | 720 回        |             |     |             |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 緯度：N 35° -39'-30" 東京湾平均海面：+ 0.651 m (19920101)     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |       |             | 欠測回数  |             | 0 回 ( 0.0 %) |             |     |             |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名： 敦賀港本港地区 経度： E 136° -03'-55" 検潮基準面： ± 0.000 m |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |       |             | 単位：cm |             |              |             |     |             |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 時<br>日                                             | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 計    | 平均    | 満<br>時：分 cm |       | 干<br>時：分 cm |              | 満<br>時：分 cm |     | 干<br>時：分 cm |     | 月<br>齢 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                                                  | 81  | 78  | 75  | 72  | 69  | 69  | 71  | 74  | 78  | 81  | 83  | 84  | 83  | 82  | 80  | 78  | 76  | 75  | 76  | 78  | 80  | 82  | 85  | 86  | 1876 | 78.2  | 11:10       | 84    | 4:35        | 69           | 23:00       | 86  | 17:10       | 75  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                                  | 85  | 84  | 81  | 78  | 77  | 76  | 76  | 78  | 81  | 84  | 87  | 89  | 89  | 88  | 85  | 80  | 77  | 74  | 72  | 73  | 75  | 78  | 82  | 84  | 1933 | 80.5  | 11:40       | 90    | 5:15        | 76           | —           | —   | 18:10       | 72  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                  | 86  | 86  | 84  | 81  | 78  | 75  | 73  | 75  | 78  | 82  | 87  | 90  | 92  | 91  | 88  | 84  | 80  | 77  | 74  | 72  | 74  | 77  | 82  | 88  | 1954 | 81.4  | 0:20        | 86    | 6:05        | 73           | 12:05       | 92  | 19:00       | 72  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                  | 91  | 93  | 93  | 92  | 90  | 88  | 87  | 88  | 89  | 91  | 94  | 98  | 100 | 101 | 99  | 96  | 91  | 85  | 80  | 77  | 76  | 78  | 83  | 88  | 2148 | 89.5  | 1:30        | 93    | 6:40        | 87           | 12:50       | 101 | 19:50       | 76  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                  | 92  | 95  | 97  | 97  | 95  | 93  | 91  | 89  | 90  | 92  | 94  | 98  | 100 | 101 | 99  | 94  | 87  | 81  | 76  | 72  | 70  | 70  | 71  | 76  | 2120 | 88.3  | 2:30        | 97    | 7:10        | 89           | 13:00       | 101 | 20:30       | 69  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                                  | 82  | 86  | 90  | 92  | 91  | 90  | 89  | 88  | 87  | 88  | 91  | 94  | 98  | 101 | 101 | 99  | 95  | 89  | 83  | 78  | 74  | 72  | 74  | 78  | 2110 | 87.9  | 3:25        | 92    | 7:45        | 87           | 13:25       | 102 | 21:10       | 72  | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                                  | 83  | 89  | 94  | 97  | 98  | 98  | 97  | 96  | 95  | 95  | 96  | 98  | 101 | 103 | 104 | 103 | 101 | 96  | 90  | 84  | 79  | 75  | 74  | 76  | 2222 | 92.6  | 4:15        | 98    | 8:20        | 94           | 13:55       | 104 | 21:50       | 74  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                                  | 79  | 83  | 88  | 91  | 93  | 95  | 94  | 92  | 90  | 89  | 90  | 91  | 92  | 93  | 95  | 95  | 94  | 90  | 83  | 77  | 72  | 67  | 63  | 63  | 2059 | 85.8  | 5:10        | 95    | 8:45        | 89           | 14:30       | 95  | 22:30       | 63  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                                  | 65  | 68  | 72  | 76  | 79  | 81  | 82  | 81  | 80  | 80  | 80  | 81  | 83  | 85  | 88  | 89  | 88  | 86  | 82  | 76  | 71  | 67  | 63  | 61  | 1864 | 77.7  | 6:10        | 82    | 9:10        | 80           | 15:00       | 89  | 23:10       | 61  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                                 | 62  | 64  | 68  | 74  | 77  | 80  | 81  | 82  | 82  | 83  | 84  | 85  | 86  | 89  | 91  | 93  | 94  | 93  | 91  | 87  | 82  | 77  | 73  | 71  | 1949 | 81.2  | —           | —     | —           | —            | 16:00       | 94  | 23:50       | 71  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                                 | 71  | 72  | 74  | 78  | 82  | 85  | 87  | 88  | 89  | 89  | 89  | 89  | 90  | 91  | 92  | 94  | 95  | 95  | 92  | 89  | 85  | 81  | 76  | 72  | 2045 | 85.2  | —           | —     | —           | —            | 16:30       | 95  | —           | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                                                 | 70  | 70  | 71  | 74  | 78  | 81  | 84  | 85  | 86  | 87  | 86  | 85  | 85  | 86  | 87  | 90  | 91  | 91  | 90  | 89  | 86  | 83  | 79  | 76  | 1990 | 82.9  | 8:40        | 87    | 0:30        | 69           | 16:50       | 91  | 11:10       | 85  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                                                 | 73  | 72  | 72  | 74  | 76  | 79  | 82  | 85  | 87  | 89  | 90  | 90  | 90  | 90  | 91  | 92  | 93  | 94  | 95  | 94  | 91  | 88  | 84  | 80  | 2051 | 85.5  | —           | —     | 1:20        | 72           | 17:50       | 95  | —           | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                                                 | 77  | 75  | 75  | 77  | 79  | 81  | 84  | 86  | 89  | 90  | 91  | 90  | 88  | 86  | 84  | 84  | 84  | 84  | 83  | 83  | 83  | 82  | 81  | 79  | 1995 | 83.1  | 9:50        | 91    | 1:40        | 75           | —           | —   | —           | —   | 下<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                                                 | 77  | 75  | 73  | 72  | 73  | 74  | 76  | 78  | 80  | 81  | 82  | 82  | 81  | 80  | 79  | 79  | 79  | 80  | 81  | 82  | 83  | 83  | 82  | 80  | 1892 | 78.8  | 10:30       | 82    | 2:45        | 72           | 20:50       | 83  | 15:30       | 79  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                                                 | 79  | 77  | 75  | 73  | 73  | 75  | 77  | 80  | 84  | 86  | 86  | 86  | 84  | 81  | 79  | 77  | 75  | 74  | 75  | 77  | 81  | 84  | 86  | 86  | 1910 | 79.6  | 10:30       | 86    | 3:35        | 73           | 22:35       | 86  | 17:00       | 74  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                                                 | 85  | 83  | 80  | 78  | 77  | 77  | 79  | 81  | 84  | 86  | 87  | 88  | 87  | 85  | 82  | 79  | 76  | 73  | 73  | 74  | 77  | 80  | 83  | 86  | 1940 | 80.8  | 11:00       | 88    | 4:25        | 76           | —           | —   | 17:45       | 73  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                                                 | 89  | 89  | 88  | 86  | 83  | 81  | 82  | 85  | 88  | 92  | 95  | 97  | 97  | 96  | 93  | 90  | 86  | 82  | 79  | 79  | 82  | 87  | 91  | 94  | 2111 | 88.0  | 0:40        | 89    | 5:10        | 81           | 11:35       | 97  | 18:25       | 79  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                                                 | 97  | 98  | 98  | 97  | 97  | 97  | 97  | 98  | 100 | 103 | 106 | 109 | 110 | 109 | 108 | 105 | 101 | 96  | 92  | 89  | 91  | 95  | 100 | 104 | 2397 | 99.9  | 1:00        | 98    | 5:20        | 97           | 12:00       | 110 | 19:00       | 89  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                                                 | 109 | 113 | 115 | 115 | 113 | 111 | 110 | 109 | 110 | 111 | 114 | 116 | 117 | 117 | 114 | 109 | 103 | 97  | 91  | 86  | 84  | 86  | 89  | 93  | 2532 | 105.5 | 2:10        | 115   | 6:40        | 109          | 12:25       | 118 | 19:55       | 84  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21                                                 | 97  | 100 | 102 | 102 | 101 | 99  | 96  | 94  | 95  | 97  | 99  | 101 | 103 | 104 | 102 | 97  | 90  | 83  | 76  | 70  | 67  | 67  | 68  | 72  | 2182 | 90.9  | 3:00        | 102   | 7:25        | 94           | 13:00       | 104 | 20:40       | 66  | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                                                 | 77  | 83  | 88  | 92  | 93  | 92  | 90  | 89  | 88  | 89  | 91  | 94  | 98  | 101 | 101 | 99  | 94  | 88  | 82  | 75  | 69  | 65  | 65  | 68  | 2071 | 86.3  | 3:25        | 93    | 8:10        | 88           | 13:40       | 101 | 21:30       | 65  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23                                                 | 75  | 81  | 87  | 92  | 95  | 96  | 95  | 94  | 91  | 90  | 91  | 94  | 95  | 98  | 99  | 99  | 96  | 90  | 84  | 77  | 70  | 63  | 59  | 59  | 2070 | 86.3  | 4:50        | 96    | 8:50        | 90           | 14:25       | 99  | 22:25       | 58  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                                                 | 63  | 69  | 75  | 81  | 86  | 89  | 90  | 88  | 86  | 85  | 85  | 87  | 90  | 93  | 96  | 99  | 98  | 94  | 88  | 82  | 76  | 72  | 68  | 66  | 2006 | 83.6  | 5:45        | 90    | 9:35        | 85           | 15:25       | 99  | 23:15       | 66  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                                                 | 67  | 71  | 77  | 84  | 89  | 93  | 94  | 95  | 95  | 95  | 96  | 97  | 100 | 103 | 106 | 109 | 111 | 110 | 106 | 102 | 97  | 92  | 85  | 82  | 2256 | 94.0  | —           | —     | —           | —            | 16:15       | 111 | —           | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26                                                 | 80  | 81  | 84  | 89  | 94  | 99  | 102 | 104 | 104 | 102 | 101 | 100 | 101 | 103 | 107 | 109 | 112 | 113 | 112 | 109 | 103 | 98  | 92  | 87  | 2386 | 99.4  | 7:35        | 104   | 0:10        | 80           | 17:15       | 113 | 11:30       | 100 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27                                                 | 84  | 82  | 84  | 87  | 92  | 96  | 100 | 103 | 104 | 104 | 102 | 101 | 100 | 99  | 101 | 102 | 105 | 107 | 109 | 109 | 108 | 104 | 100 | 96  | 2379 | 99.1  | 8:10        | 104   | 1:00        | 82           | 18:40       | 109 | 12:50       | 99  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28                                                 | 92  | 88  | 87  | 89  | 93  | 96  | 100 | 103 | 105 | 105 | 104 | 102 | 100 | 98  | 97  | 98  | 99  | 102 | 104 | 106 | 106 | 105 | 102 | 98  | 2379 | 99.1  | 8:55        | 105   | 1:50        | 86           | 20:00       | 106 | 14:20       | 97  | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29                                                 | 94  | 92  | 89  | 88  | 90  | 93  | 97  | 100 | 102 | 104 | 104 | 102 | 100 | 97  | 95  | 94  | 92  | 94  | 96  | 98  | 101 | 103 | 103 | 102 | 2330 | 97.1  | 9:35        | 104   | 2:50        | 88           | 21:35       | 103 | 15:50       | 92  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                                                 | 99  | 97  | 95  | 94  | 94  | 95  | 98  | 100 | 103 | 106 | 107 | 107 | 105 | 102 | 99  | 96  | 95  | 95  | 97  | 99  | 101 | 104 | 107 | 108 | 2403 | 100.1 | 10:20       | 108   | 3:40        | 94           | 23:20       | 108 | 16:45       | 95  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月                                                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      | 63560 | 88.3        |       |             |              |             |     |             |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 118 cm 20日 12:25 月最低潮位 58 cm 23日 22:25

様式 2-1-1 潮位月表

潮位整理表

2001年7月

|                                                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |              |       |              |       |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|--------------|-------|--------------|-------|--------------|-----|--------------|-----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 球分体：+ 2.700 m                                     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |              | 規定回数  |              | 744 回 |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 基本水準面：+ 0.620 m                                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |              | 測得回数  |              | 744 回 |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 緯度：N 35° -39'-30" 東京湾平均海面：+ 0.651 m (19920101)    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |              | 欠測回数  |              | 0 回   | ( 0.0 %)     |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名： 敦賀港本港地区 経度： E 136° -03'-55" 検潮基準面：± 0.000 m |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |              | 単位：cm |              |       |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 時<br>日                                            | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 計     | 平均    | 満<br>時：<br>分 | cm    | 満<br>時：<br>分 | cm    | 満<br>時：<br>分 | cm  | 干<br>時：<br>分 | cm  | 月<br>齢 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                                                 | 108 | 107 | 105 | 103 | 102 | 103 | 104 | 105 | 108 | 110 | 113 | 114 | 112 | 109 | 105 | 100 | 96  | 92  | 90  | 91  | 94  | 96  | 99  | 102 | 2468  | 102.8 | 10:55        | 114   | 4:35         | 102   | —            | —   | 18:00        | 90  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                                 | 104 | 105 | 104 | 102 | 99  | 96  | 96  | 97  | 98  | 99  | 100 | 100 | 99  | 97  | 93  | 89  | 84  | 80  | 76  | 75  | 76  | 79  | 82  | 86  | 2216  | 92.3  | 0:45         | 105   | 5:20         | 96    | 11:10        | 100 | 19:00        | 75  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                 | 89  | 91  | 92  | 91  | 90  | 89  | 88  | 89  | 91  | 94  | 96  | 98  | 100 | 99  | 97  | 93  | 88  | 83  | 78  | 76  | 76  | 78  | 82  | 86  | 2134  | 88.9  | 1:55         | 92    | 6:00         | 88    | 12:10        | 100 | 19:35        | 75  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                 | 92  | 95  | 97  | 99  | 100 | 99  | 98  | 98  | 99  | 102 | 104 | 107 | 109 | 109 | 106 | 103 | 99  | 94  | 90  | 86  | 84  | 83  | 86  | 90  | 2329  | 97.0  | 3:50         | 100   | 6:35         | 98    | 12:30        | 109 | 20:30        | 83  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                 | 95  | 99  | 103 | 106 | 107 | 107 | 106 | 105 | 105 | 107 | 110 | 113 | 115 | 116 | 115 | 113 | 110 | 105 | 99  | 93  | 89  | 87  | 89  | 93  | 2487  | 103.6 | 4:05         | 107   | 7:15         | 105   | 13:00        | 116 | 20:55        | 87  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                                 | 98  | 103 | 108 | 111 | 113 | 113 | 112 | 111 | 111 | 112 | 114 | 117 | 119 | 120 | 120 | 118 | 115 | 111 | 106 | 101 | 96  | 93  | 91  | 93  | 2606  | 108.6 | 4:20         | 113   | 7:40         | 111   | 13:30        | 120 | 21:55        | 91  | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                                 | 96  | 99  | 102 | 105 | 107 | 108 | 108 | 107 | 105 | 104 | 104 | 104 | 106 | 107 | 108 | 107 | 103 | 98  | 93  | 87  | 80  | 76  | 73  | 74  | 2361  | 98.4  | 5:00         | 108   | 9:50         | 104   | 14:10        | 108 | 22:10        | 73  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                                 | 76  | 79  | 84  | 88  | 92  | 94  | 95  | 95  | 94  | 94  | 94  | 96  | 98  | 101 | 103 | 104 | 102 | 99  | 94  | 89  | 84  | 80  | 78  | 77  | 2190  | 91.3  | 6:20         | 95    | 8:50         | 94    | 14:50        | 104 | 22:45        | 77  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                                 | 79  | 82  | 86  | 89  | 92  | 94  | 96  | 96  | 95  | 95  | 95  | 96  | 98  | 100 | 102 | 103 | 103 | 102 | 98  | 93  | 88  | 84  | 80  | 78  | 2224  | 92.7  | 6:20         | 96    | 9:30         | 94    | 15:20        | 104 | 23:20        | 78  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                                | 78  | 80  | 83  | 86  | 89  | 92  | 93  | 94  | 94  | 94  | 93  | 94  | 95  | 97  | 99  | 102 | 103 | 102 | 100 | 96  | 92  | 88  | 85  | 83  | 2212  | 92.2  | 6:50         | 94    | 10:00        | 93    | 16:05        | 103 | 23:55        | 82  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                                | 82  | 83  | 86  | 88  | 92  | 95  | 97  | 98  | 98  | 98  | 98  | 97  | 98  | 100 | 101 | 103 | 105 | 106 | 105 | 103 | 100 | 97  | 93  | 90  | 2313  | 96.4  | 7:20         | 98    | 10:30        | 97    | 16:50        | 106 | —            | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                                                | 88  | 89  | 91  | 94  | 96  | 99  | 102 | 104 | 105 | 104 | 104 | 103 | 103 | 104 | 105 | 106 | 106 | 107 | 107 | 106 | 105 | 102 | 100 | 98  | 2428  | 101.2 | 7:40         | 105   | 0:20         | 88    | 17:30        | 107 | 12:10        | 103 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                                                | 95  | 93  | 94  | 96  | 99  | 101 | 104 | 105 | 106 | 105 | 104 | 103 | 103 | 102 | 103 | 103 | 103 | 104 | 104 | 103 | 103 | 101 | 99  | 96  | 2429  | 101.2 | 8:05         | 106   | 1:00         | 93    | 18:10        | 104 | 13:20        | 102 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                                                | 95  | 93  | 93  | 94  | 96  | 98  | 100 | 102 | 103 | 103 | 102 | 100 | 98  | 96  | 94  | 93  | 93  | 94  | 96  | 98  | 99  | 98  | 96  | 94  | 2328  | 97.0  | 8:35         | 103   | 1:30         | 93    | 19:55        | 99  | 14:50        | 93  | 下<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                                                | 92  | 90  | 90  | 90  | 91  | 93  | 96  | 98  | 100 | 101 | 100 | 99  | 97  | 95  | 93  | 90  | 89  | 90  | 91  | 93  | 94  | 95  | 96  | 96  | 2259  | 94.1  | 9:05         | 101   | 2:20         | 90    | 22:15        | 96  | 16:00        | 89  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                                                | 96  | 95  | 94  | 94  | 94  | 96  | 98  | 99  | 102 | 104 | 104 | 103 | 101 | 98  | 95  | 92  | 90  | 89  | 89  | 92  | 95  | 98  | 100 | 101 | 2319  | 96.6  | 9:40         | 104   | 3:15         | 94    | —            | —   | 17:10        | 88  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                                                | 102 | 102 | 102 | 102 | 101 | 102 | 104 | 105 | 107 | 109 | 110 | 110 | 109 | 106 | 102 | 97  | 93  | 89  | 88  | 90  | 93  | 96  | 99  | 102 | 2420  | 100.8 | 0:20         | 102   | 4:00         | 101   | 10:20        | 110 | 17:50        | 88  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                                                | 104 | 105 | 105 | 104 | 103 | 102 | 102 | 103 | 105 | 107 | 109 | 109 | 108 | 106 | 101 | 96  | 91  | 87  | 83  | 82  | 84  | 87  | 91  | 95  | 2369  | 98.7  | 1:35         | 105   | 5:10         | 102   | 11:05        | 109 | 18:50        | 82  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                                                | 99  | 102 | 103 | 102 | 101 | 100 | 100 | 101 | 103 | 105 | 108 | 110 | 111 | 110 | 106 | 101 | 95  | 90  | 84  | 81  | 81  | 83  | 86  | 91  | 2353  | 98.0  | 2:10         | 103   | 5:50         | 100   | 12:00        | 111 | 19:35        | 80  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                                                | 97  | 102 | 105 | 106 | 105 | 104 | 102 | 102 | 103 | 105 | 108 | 112 | 114 | 116 | 113 | 108 | 102 | 96  | 89  | 84  | 81  | 81  | 84  | 89  | 2408  | 100.3 | 3:00         | 106   | 6:40         | 102   | 12:45        | 116 | 20:30        | 80  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21                                                | 95  | 100 | 104 | 106 | 107 | 106 | 105 | 104 | 104 | 105 | 107 | 110 | 114 | 116 | 116 | 114 | 109 | 102 | 95  | 89  | 82  | 77  | 78  | 81  | 2426  | 101.1 | 3:45         | 107   | 7:30         | 104   | 13:30        | 116 | 21:25        | 77  | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                                                | 86  | 91  | 96  | 100 | 102 | 101 | 100 | 99  | 98  | 98  | 99  | 102 | 106 | 110 | 113 | 112 | 110 | 104 | 97  | 91  | 85  | 78  | 75  | 76  | 2329  | 97.0  | 4:25         | 102   | 8:25         | 97    | 14:25        | 113 | 22:15        | 75  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23                                                | 79  | 85  | 92  | 96  | 100 | 101 | 101 | 100 | 99  | 99  | 100 | 102 | 104 | 108 | 111 | 114 | 114 | 111 | 106 | 99  | 93  | 88  | 84  | 81  | 2367  | 98.6  | 5:05         | 101   | 9:00         | 99    | 15:20        | 114 | 23:00        | 81  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                                                | 83  | 87  | 92  | 98  | 104 | 107 | 108 | 107 | 106 | 104 | 103 | 103 | 106 | 109 | 113 | 117 | 120 | 120 | 117 | 111 | 105 | 99  | 94  | 90  | 2503  | 104.3 | 5:50         | 108   | 10:25        | 103   | 16:25        | 120 | 23:50        | 89  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                                                | 89  | 90  | 94  | 99  | 103 | 107 | 109 | 109 | 108 | 106 | 103 | 101 | 101 | 103 | 105 | 109 | 112 | 115 | 115 | 112 | 107 | 103 | 98  | 94  | 2492  | 103.8 | 6:25         | 109   | 11:20        | 101   | 17:25        | 115 | —            | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26                                                | 90  | 89  | 91  | 95  | 99  | 102 | 104 | 105 | 104 | 103 | 100 | 98  | 96  | 95  | 96  | 98  | 102 | 105 | 107 | 107 | 105 | 102 | 98  | 95  | 2386  | 99.4  | 7:10         | 105   | 0:50         | 89    | 18:35        | 107 | 12:40        | 95  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27                                                | 93  | 91  | 91  | 92  | 94  | 98  | 101 | 104 | 104 | 102 | 100 | 97  | 95  | 92  | 91  | 92  | 94  | 96  | 100 | 103 | 105 | 104 | 101 | 98  | 2338  | 97.4  | 7:45         | 104   | 1:20         | 90    | 20:00        | 105 | 14:00        | 91  | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28                                                | 95  | 93  | 92  | 93  | 95  | 98  | 101 | 104 | 105 | 105 | 104 | 101 | 99  | 96  | 94  | 92  | 92  | 93  | 95  | 97  | 99  | 100 | 100 | 100 | 2343  | 97.6  | 8:30         | 105   | 2:05         | 92    | 21:50        | 100 | 15:25        | 92  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29                                                | 99  | 98  | 97  | 97  | 98  | 99  | 101 | 104 | 106 | 108 | 108 | 106 | 103 | 99  | 96  | 93  | 92  | 92  | 93  | 95  | 98  | 100 | 103 | 104 | 2389  | 99.5  | 9:30         | 108   | 2:55         | 97    | —            | —   | 16:20        | 92  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                                                | 105 | 105 | 105 | 104 | 104 | 105 | 106 | 108 | 111 | 113 | 114 | 114 | 112 | 109 | 106 | 103 | 99  | 97  | 96  | 97  | 99  | 102 | 105 | 107 | 2526  | 105.3 | 0:05         | 105   | 3:40         | 104   | 10:10        | 114 | 17:55        | 96  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31                                                | 109 | 110 | 111 | 111 | 111 | 111 | 112 | 113 | 114 | 115 | 117 | 117 | 116 | 114 | 111 | 107 | 103 | 100 | 97  | 96  | 96  | 99  | 102 | 105 | 2597  | 108.2 | —            | —     | —            | —     | 10:40        | 117 | 19:00        | 96  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月                                               |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 73549 | 98.9  |              |       |              |       |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 120 cm 6日 13:30 月最低潮位 73 cm 7日 22:10

様式 2-1-1 潮位月表

潮位整理表

2001年 8月

|      |  |       |           |
|------|--|-------|-----------|
| 規定回数 |  | 744 回 |           |
| 測得回数 |  | 744 回 |           |
| 欠測回数 |  | 0 回   | ( 0.0 % ) |

球分体： + 2.700 m

基本水準面： + 0.620 m

緯度： N 35° -39'-30" 東京湾平均海面： + 0.651 m (19920101)

観測所名： 敦賀港本港地区 経度： E 136° -03'-55" 検潮基準面： ± 0.000 m

単位；cm

| 時<br>日 | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 計     | 平均    | 満       |     | 干       |     | 満       |     | 干       |     | 月<br>齢 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|---------|-----|---------|-----|---------|-----|---------|-----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       | 時：<br>分 | cm  | 時：<br>分 | cm  | 時：<br>分 | cm  | 時：<br>分 | cm  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1      | 108 | 110 | 112 | 112 | 111 | 110 | 110 | 110 | 112 | 113 | 115 | 116 | 116 | 114 | 111 | 107 | 103 | 98  | 93  | 90  | 91  | 93  | 96  | 100 | 2551  | 106.3 | 2:20    | 112 | 5:35    | 110 | 11:30   | 116 | 19:25   | 90  | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2      | 103 | 105 | 107 | 108 | 106 | 105 | 103 | 103 | 104 | 106 | 107 | 109 | 109 | 109 | 107 | 103 | 98  | 92  | 87  | 85  | 84  | 84  | 86  | 89  | 2399  | 100.0 | 2:20    | 108 | 6:20    | 103 | 12:05   | 109 | 20:20   | 84  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3      | 93  | 96  | 98  | 100 | 100 | 99  | 98  | 98  | 98  | 100 | 101 | 104 | 106 | 107 | 106 | 103 | 98  | 92  | 87  | 84  | 82  | 82  | 83  | 86  | 2301  | 95.9  | 3:20    | 100 | 6:55    | 98  | 12:45   | 107 | 20:40   | 82  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4      | 92  | 96  | 99  | 101 | 101 | 101 | 100 | 100 | 101 | 102 | 104 | 106 | 110 | 112 | 112 | 110 | 107 | 102 | 96  | 92  | 89  | 87  | 88  | 91  | 2399  | 100.0 | 3:40    | 101 | 7:30    | 100 | 13:20   | 112 | 21:15   | 87  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5      | 95  | 99  | 103 | 105 | 106 | 106 | 105 | 104 | 103 | 104 | 105 | 107 | 110 | 112 | 114 | 113 | 111 | 106 | 101 | 95  | 90  | 87  | 86  | 88  | 2455  | 102.3 | 4:05    | 106 | 8:05    | 103 | 14:10   | 114 | 21:50   | 86  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6      | 91  | 95  | 100 | 103 | 105 | 105 | 104 | 103 | 102 | 103 | 104 | 106 | 109 | 112 | 114 | 115 | 113 | 110 | 106 | 102 | 97  | 95  | 93  | 93  | 2480  | 103.3 | 4:30    | 105 | 7:55    | 102 | 14:40   | 115 | 22:20   | 93  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7      | 95  | 100 | 105 | 108 | 110 | 111 | 110 | 109 | 108 | 108 | 109 | 110 | 113 | 116 | 119 | 122 | 121 | 119 | 115 | 109 | 105 | 101 | 98  | 97  | 2618  | 109.1 | 4:55    | 111 | 8:20    | 108 | 15:20   | 122 | 22:50   | 97  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8      | 99  | 103 | 106 | 109 | 112 | 113 | 113 | 111 | 109 | 108 | 107 | 108 | 111 | 115 | 119 | 122 | 124 | 122 | 119 | 115 | 109 | 105 | 102 | 101 | 2662  | 110.9 | 5:20    | 113 | 10:05   | 107 | 16:05   | 124 | 23:15   | 101 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9      | 101 | 103 | 106 | 110 | 113 | 115 | 115 | 114 | 113 | 111 | 110 | 109 | 111 | 113 | 115 | 116 | 117 | 118 | 117 | 115 | 112 | 108 | 104 | 102 | 2668  | 111.2 | 5:40    | 115 | 10:50   | 109 | 16:50   | 118 | 23:45   | 101 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10     | 101 | 102 | 106 | 108 | 111 | 112 | 113 | 112 | 110 | 108 | 106 | 104 | 103 | 104 | 105 | 107 | 108 | 109 | 109 | 108 | 106 | 103 | 100 | 98  | 2553  | 106.4 | 6:05    | 113 | 11:45   | 103 | 17:40   | 109 | —       | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11     | 97  | 98  | 100 | 102 | 104 | 106 | 107 | 107 | 105 | 103 | 100 | 98  | 96  | 96  | 96  | 97  | 99  | 100 | 101 | 102 | 101 | 98  | 96  | 94  | 2403  | 100.1 | 6:35    | 107 | 0:10    | 97  | 18:45   | 102 | 12:45   | 96  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12     | 93  | 93  | 94  | 96  | 98  | 100 | 101 | 102 | 101 | 99  | 95  | 93  | 91  | 89  | 87  | 88  | 89  | 90  | 92  | 94  | 95  | 95  | 94  | 93  | 2262  | 94.3  | 7:05    | 102 | 0:45    | 93  | 20:15   | 95  | 14:00   | 87  | 下<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13     | 92  | 91  | 92  | 93  | 94  | 96  | 98  | 99  | 99  | 98  | 96  | 93  | 90  | 88  | 86  | 85  | 86  | 87  | 89  | 91  | 93  | 95  | 96  | 96  | 2223  | 92.6  | 7:45    | 99  | 1:20    | 91  | —       | —   | 15:20   | 85  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14     | 96  | 97  | 97  | 98  | 99  | 100 | 102 | 104 | 105 | 106 | 105 | 103 | 100 | 98  | 95  | 93  | 91  | 91  | 93  | 95  | 97  | 100 | 103 | 104 | 2372  | 98.8  | 8:45    | 106 | —       | —   | —       | —   | 16:30   | 91  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15     | 105 | 105 | 105 | 105 | 105 | 106 | 108 | 110 | 111 | 112 | 112 | 110 | 108 | 104 | 100 | 96  | 93  | 90  | 89  | 92  | 95  | 98  | 102 | 105 | 2466  | 102.8 | 9:30    | 112 | —       | —   | —       | —   | 17:40   | 89  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16     | 107 | 108 | 109 | 108 | 107 | 107 | 108 | 110 | 112 | 114 | 115 | 115 | 114 | 111 | 106 | 102 | 97  | 93  | 91  | 91  | 93  | 96  | 101 | 105 | 2520  | 105.0 | 1:30    | 109 | 5:00    | 107 | 10:30   | 115 | 18:35   | 90  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17     | 108 | 110 | 111 | 111 | 110 | 110 | 110 | 111 | 113 | 116 | 119 | 121 | 121 | 118 | 114 | 110 | 104 | 98  | 93  | 89  | 89  | 91  | 97  | 102 | 2576  | 107.3 | 2:20    | 111 | 5:00    | 110 | 11:30   | 121 | 19:30   | 89  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18     | 106 | 108 | 110 | 111 | 110 | 109 | 108 | 107 | 109 | 111 | 114 | 116 | 118 | 117 | 115 | 109 | 102 | 95  | 88  | 83  | 79  | 79  | 82  | 88  | 2474  | 103.1 | 2:40    | 111 | 6:50    | 107 | 12:30   | 118 | 20:20   | 79  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19     | 93  | 98  | 102 | 103 | 103 | 102 | 100 | 99  | 99  | 101 | 104 | 108 | 112 | 114 | 114 | 113 | 107 | 99  | 92  | 85  | 79  | 75  | 78  | 81  | 2361  | 98.4  | 3:20    | 103 | 7:40    | 99  | 13:30   | 114 | 21:05   | 75  | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20     | 87  | 94  | 99  | 102 | 102 | 101 | 99  | 98  | 97  | 97  | 99  | 103 | 108 | 112 | 115 | 115 | 112 | 105 | 99  | 94  | 88  | 83  | 82  | 83  | 2374  | 98.9  | 3:40    | 102 | 8:25    | 97  | 14:30   | 116 | 21:55   | 82  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21     | 88  | 95  | 102 | 106 | 108 | 108 | 107 | 106 | 105 | 105 | 105 | 107 | 112 | 118 | 123 | 127 | 127 | 125 | 122 | 117 | 110 | 106 | 103 | 104 | 2636  | 109.8 | 4:25    | 108 | 9:00    | 105 | 15:40   | 128 | 22:30   | 103 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22     | 107 | 113 | 121 | 125 | 128 | 129 | 127 | 124 | 122 | 119 | 117 | 118 | 122 | 126 | 131 | 135 | 137 | 137 | 133 | 129 | 123 | 117 | 114 | 111 | 2965  | 123.5 | 4:45    | 129 | 10:15   | 117 | 16:25   | 138 | 23:20   | 111 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23     | 112 | 115 | 120 | 125 | 129 | 132 | 132 | 129 | 126 | 122 | 119 | 117 | 118 | 120 | 125 | 129 | 133 | 135 | 135 | 133 | 129 | 124 | 120 | 118 | 2997  | 124.9 | 5:30    | 132 | 11:15   | 117 | 17:25   | 135 | —       | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24     | 116 | 117 | 120 | 123 | 127 | 129 | 130 | 129 | 126 | 122 | 117 | 114 | 112 | 111 | 112 | 115 | 118 | 121 | 122 | 123 | 119 | 116 | 113 | 111 | 2863  | 119.3 | 5:55    | 130 | 0:00    | 116 | 18:40   | 123 | 13:00   | 111 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25     | 109 | 109 | 110 | 111 | 114 | 116 | 118 | 118 | 116 | 113 | 109 | 106 | 102 | 99  | 99  | 100 | 102 | 105 | 108 | 110 | 111 | 111 | 110 | 109 | 2615  | 109.0 | 6:35    | 118 | 0:35    | 109 | 20:10   | 111 | 13:35   | 99  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26     | 108 | 108 | 109 | 110 | 112 | 113 | 114 | 115 | 115 | 113 | 109 | 107 | 103 | 100 | 98  | 97  | 97  | 98  | 101 | 103 | 104 | 106 | 107 | 108 | 2555  | 106.5 | 7:15    | 115 | 0:30    | 108 | —       | —   | 15:05   | 97  | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27     | 108 | 108 | 109 | 109 | 109 | 110 | 111 | 112 | 113 | 113 | 111 | 109 | 107 | 103 | 100 | 97  | 95  | 96  | 97  | 99  | 101 | 103 | 105 | 106 | 2531  | 105.5 | 8:05    | 113 | —       | —   | —       | —   | 16:25   | 95  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28     | 107 | 108 | 108 | 108 | 108 | 108 | 108 | 109 | 110 | 111 | 110 | 108 | 105 | 102 | 98  | 96  | 93  | 91  | 91  | 92  | 94  | 96  | 99  | 101 | 2461  | 102.5 | 9:05    | 111 | —       | —   | —       | —   | 17:35   | 91  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29     | 103 | 104 | 104 | 104 | 104 | 104 | 105 | 106 | 107 | 108 | 108 | 108 | 107 | 104 | 102 | 98  | 95  | 92  | 90  | 90  | 91  | 93  | 97  | 100 | 2424  | 101.0 | 10:05   | 108 | —       | —   | —       | —   | 18:30   | 90  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30     | 103 | 106 | 107 | 107 | 106 | 106 | 106 | 107 | 108 | 110 | 111 | 113 | 112 | 110 | 106 | 103 | 99  | 94  | 91  | 90  | 91  | 93  | 97  | 100 | 2476  | 103.2 | 2:25    | 107 | 5:35    | 106 | 11:15   | 113 | 19:00   | 90  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31     | 103 | 106 | 108 | 108 | 107 | 106 | 106 | 106 | 107 | 109 | 111 | 112 | 113 | 111 | 109 | 106 | 102 | 96  | 93  | 91  | 90  | 91  | 93  | 97  | 2481  | 103.4 | 2:30    | 108 | 6:15    | 106 | 11:55   | 113 | 19:45   | 90  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 78121 | 105.0 |         |     |         |     |         |     |         |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 138 cm 22日 16:25 月最低潮位 75 cm 19日 21:05



様式 2-1-1 潮位月表

潮位整理表

2001年9月

|                                                |     |     |     |     |     |     |     |     |     |     |     |                     |     |     |     |     |     |     |     |     |     |     |     |                  |                       |         |      |         |       |              |       |         |       |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------|-----------------------|---------|------|---------|-------|--------------|-------|---------|-------|-----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 球分体：+ 2.700 m                                  |     |     |     |     |     |     |     |     |     |     |     |                     |     |     |     |     |     |     |     |     |     |     |     |                  |                       |         |      | 規定回数    |       | 720 回        |       |         |       |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 基本水準面：+ 0.620 m                                |     |     |     |     |     |     |     |     |     |     |     |                     |     |     |     |     |     |     |     |     |     |     |     |                  |                       |         |      | 測得回数    |       | 720 回        |       |         |       |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 緯度：N 35° -39'-30" 東京湾平均海面：+ 0.651 m (19920101) |     |     |     |     |     |     |     |     |     |     |     |                     |     |     |     |     |     |     |     |     |     |     |     |                  |                       |         |      | 欠測回数    |       | 0 回 ( 0.0 %) |       |         |       |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名： 敦賀港本港地区                                  |     |     |     |     |     |     |     |     |     |     |     | 経度： E 136° -03'-55" |     |     |     |     |     |     |     |     |     |     |     | 検潮基準面： ± 0.000 m |                       |         |      | 単位：cm   |       |              |       |         |       |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 時<br>日                                         | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11                  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23               | 計                     | 平均      | 満    |         | 干     |              | 満     |         | 干     |     | 月<br>齢 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                |     |     |     |     |     |     |     |     |     |     |     |                     |     |     |     |     |     |     |     |     |     |     |     |                  |                       | 時：<br>分 | cm   | 時：<br>分 | cm    | 時：<br>分      | cm    | 時：<br>分 | cm    |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                                              | 101 | 103 | 105 | 106 | 105 | 104 | 104 | 104 | 105 | 106 | 108 | 111                 | 114 | 114 | 112 | 110 | 106 | 102 | 97  | 93  | 90  | 91  | 94  | 98               | 2483                  | 103.5   | 2:40 | 106     | 6:50  | 104          | 12:40 | 114     | 20:20 | 90  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                              | 102 | 105 | 107 | 108 | 108 | 107 | 106 | 106 | 106 | 108 | 111 | 113                 | 115 | 116 | 116 | 114 | 111 | 106 | 101 | 97  | 94  | 93  | 95  | 97               | 2542                  | 105.9   | 3:00 | 108     | 7:25  | 106          | 12:20 | 116     | 20:40 | 93  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                              | 101 | 104 | 106 | 107 | 106 | 106 | 105 | 103 | 102 | 103 | 104 | 107                 | 110 | 112 | 113 | 112 | 108 | 103 | 99  | 94  | 89  | 86  | 87  | 90               | 2457                  | 102.4   | 3:10 | 107     | 8:00  | 102          | 14:00 | 113     | 21:10 | 86  | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                              | 94  | 99  | 102 | 104 | 104 | 103 | 101 | 98  | 97  | 98  | 99  | 102                 | 105 | 108 | 111 | 111 | 109 | 106 | 101 | 97  | 93  | 91  | 90  | 92               | 2415                  | 100.6   | 3:30 | 104     | 8:30  | 97           | 14:40 | 111     | 21:45 | 90  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                              | 95  | 100 | 103 | 105 | 106 | 105 | 102 | 100 | 98  | 97  | 99  | 102                 | 105 | 108 | 112 | 115 | 114 | 111 | 106 | 102 | 98  | 96  | 95  | 96               | 2470                  | 102.9   | 3:50 | 106     | 9:05  | 97           | 15:20 | 115     | 22:10 | 95  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                              | 99  | 103 | 107 | 109 | 110 | 110 | 108 | 105 | 103 | 101 | 101 | 103                 | 105 | 108 | 111 | 114 | 116 | 115 | 112 | 109 | 106 | 103 | 102 | 103              | 2563                  | 106.8   | 4:10 | 110     | 9:50  | 101          | 16:05 | 116     | 22:30 | 102 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                              | 104 | 108 | 112 | 116 | 117 | 117 | 116 | 114 | 112 | 109 | 106 | 106                 | 108 | 110 | 113 | 116 | 118 | 119 | 117 | 114 | 110 | 107 | 105 | 104              | 2678                  | 111.6   | 4:30 | 118     | 10:30 | 106          | 16:50 | 119     | 23:00 | 104 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                              | 105 | 106 | 109 | 112 | 113 | 115 | 112 | 109 | 105 | 102 | 99  | 96                  | 97  | 99  | 102 | 105 | 107 | 108 | 109 | 107 | 104 | 101 | 100 | 99               | 2521                  | 105.0   | 5:55 | 115     | 11:20 | 96           | 17:40 | 109     | 23:30 | 99  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                              | 99  | 101 | 103 | 105 | 107 | 108 | 107 | 105 | 102 | 99  | 97  | 95                  | 94  | 94  | 96  | 98  | 101 | 104 | 106 | 107 | 107 | 106 | 105 | 105              | 2451                  | 102.1   | 5:20 | 108     | 12:15 | 94           | 18:50 | 107     | 22:35 | 105 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                             | 106 | 108 | 110 | 112 | 115 | 117 | 118 | 117 | 116 | 113 | 111 | 108                 | 106 | 105 | 105 | 108 | 112 | 115 | 118 | 119 | 120 | 120 | 120 | 121              | 2720                  | 113.3   | 5:50 | 118     | —     | —            | —     | —       | 13:20 | 105 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                             | 121 | 122 | 124 | 126 | 127 | 129 | 130 | 128 | 125 | 122 | 119 | 115                 | 111 | 108 | 105 | 103 | 103 | 105 | 107 | 109 | 110 | 110 | 111 | 111              | 2781                  | 115.9   | 6:00 | 130     | —     | —            | 23:30 | 111     | 15:20 | 103 | 下<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                                             | 111 | 110 | 109 | 108 | 109 | 110 | 111 | 111 | 110 | 109 | 106 | 103                 | 99  | 95  | 92  | 90  | 88  | 89  | 90  | 92  | 95  | 98  | 101 | 103              | 2439                  | 101.6   | 7:10 | 111     | 2:40  | 108          | —     | —       | 16:10 | 88  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                                             | 104 | 105 | 104 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 107 | 105                 | 100 | 96  | 92  | 88  | 85  | 83  | 84  | 86  | 89  | 92  | 96  | 99               | 2357                  | 98.2    | 0:40 | 105     | 3:25  | 103          | 9:00  | 109     | 17:20 | 83  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                                             | 101 | 102 | 103 | 103 | 102 | 102 | 103 | 104 | 106 | 108 | 110 | 110                 | 108 | 105 | 100 | 95  | 90  | 85  | 83  | 84  | 86  | 90  | 97  | 102              | 2379                  | 99.1    | 2:00 | 103     | 5:00  | 102          | 10:20 | 110     | 18:10 | 83  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                                             | 105 | 107 | 107 | 106 | 104 | 104 | 105 | 106 | 108 | 111 | 114 | 116                 | 117 | 114 | 109 | 103 | 97  | 92  | 89  | 87  | 88  | 91  | 95  | 100              | 2475                  | 103.1   | 1:35 | 107     | 4:50  | 104          | 11:30 | 117     | 19:15 | 87  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                                             | 105 | 108 | 110 | 110 | 109 | 108 | 107 | 107 | 108 | 111 | 115 | 118                 | 120 | 121 | 119 | 115 | 108 | 102 | 96  | 91  | 88  | 89  | 92  | 97               | 2554                  | 106.4   | 2:00 | 110     | 6:40  | 107          | 12:45 | 121     | 20:05 | 88  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                                             | 103 | 107 | 109 | 109 | 108 | 106 | 104 | 102 | 102 | 104 | 108 | 113                 | 118 | 121 | 122 | 120 | 115 | 109 | 103 | 98  | 95  | 94  | 95  | 100              | 2565                  | 106.9   | 2:25 | 110     | 7:30  | 102          | 13:35 | 122     | 20:45 | 94  | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                                             | 107 | 112 | 116 | 117 | 116 | 113 | 110 | 107 | 105 | 105 | 107 | 111                 | 117 | 123 | 126 | 127 | 125 | 120 | 114 | 108 | 103 | 100 | 101 | 103              | 2693                  | 112.2   | 2:50 | 117     | 8:20  | 105          | 14:35 | 127     | 21:25 | 100 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                                             | 107 | 112 | 116 | 118 | 118 | 116 | 112 | 107 | 104 | 101 | 101 | 103                 | 108 | 113 | 118 | 121 | 120 | 116 | 112 | 106 | 100 | 96  | 93  | 94               | 2612                  | 108.8   | 3:20 | 118     | 9:30  | 101          | 15:30 | 121     | 22:20 | 93  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                                             | 96  | 99  | 104 | 106 | 107 | 105 | 102 | 96  | 91  | 87  | 85  | 85                  | 87  | 92  | 97  | 103 | 107 | 106 | 104 | 100 | 96  | 93  | 92  | 91               | 2331                  | 97.1    | 3:50 | 107     | 10:05 | 85           | 16:20 | 107     | 23:20 | 91  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21                                             | 92  | 95  | 100 | 103 | 106 | 105 | 103 | 99  | 94  | 90  | 86  | 83                  | 85  | 88  | 93  | 97  | 100 | 103 | 103 | 101 | 97  | 94  | 91  | 88               | 2296                  | 95.7    | 4:20 | 106     | 11:00 | 83           | 17:30 | 103     | —     | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                                             | 85  | 86  | 87  | 89  | 90  | 91  | 88  | 83  | 79  | 74  | 70  | 66                  | 65  | 66  | 68  | 71  | 74  | 77  | 78  | 79  | 77  | 75  | 73  | 71               | 1862                  | 77.6    | 4:50 | 91      | 0:20  | 85           | 18:45 | 79      | 12:00 | 65  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23                                             | 71  | 72  | 73  | 75  | 77  | 78  | 78  | 77  | 75  | 71  | 68  | 66                  | 63  | 63  | 64  | 66  | 69  | 72  | 76  | 78  | 80  | 81  | 81  | 83               | 1757                  | 73.2    | 5:25 | 78      | 0:00  | 71           | —     | —       | 12:40 | 62  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                                             | 84  | 86  | 88  | 89  | 91  | 93  | 95  | 96  | 95  | 93  | 91  | 89                  | 87  | 85  | 84  | 85  | 87  | 90  | 93  | 96  | 99  | 102 | 104 | 105              | 2207                  | 92.0    | 6:50 | 96      | —     | —            | —     | —       | 13:45 | 84  | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                                             | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 113 | 113 | 111 | 109                 | 107 | 104 | 102 | 100 | 100 | 101 | 103 | 106 | 108 | 111 | 114 | 115              | 2593                  | 108.0   | 6:50 | 113     | —     | —            | —     | —       | 15:50 | 100 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26                                             | 116 | 117 | 116 | 115 | 115 | 115 | 116 | 116 | 116 | 116 | 115 | 113                 | 110 | 106 | 103 | 100 | 98  | 97  | 97  | 98  | 99  | 101 | 104 | 106              | 2605                  | 108.5   | 0:45 | 117     | 3:20  | 115          | 8:00  | 116     | 17:40 | 97  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27                                             | 108 | 109 | 108 | 107 | 107 | 107 | 107 | 107 | 108 | 109 | 109 | 108                 | 106 | 104 | 102 | 99  | 96  | 94  | 94  | 95  | 98  | 102 | 106 | 109              | 2499                  | 104.1   | 1:10 | 109     | 4:50  | 107          | 9:35  | 109     | 17:50 | 94  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28                                             | 112 | 114 | 114 | 113 | 112 | 111 | 110 | 109 | 111 | 113 | 114 | 115                 | 114 | 113 | 110 | 105 | 101 | 97  | 94  | 93  | 93  | 94  | 95  | 97               | 2554                  | 106.4   | 1:40 | 114     | 6:30  | 109          | 11:20 | 115     | 19:20 | 93  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29                                             | 98  | 99  | 99  | 97  | 95  | 94  | 92  | 92  | 92  | 92  | 93  | 94                  | 95  | 95  | 92  | 88  | 84  | 80  | 78  | 77  | 78  | 81  | 84  | 87               | 2156                  | 89.8    | 1:15 | 99      | 7:50  | 92           | 12:00 | 95      | 18:50 | 77  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                                             | 90  | 92  | 93  | 92  | 90  | 88  | 87  | 87  | 89  | 90  | 93  | 96                  | 98  | 99  | 98  | 96  | 93  | 90  | 87  | 85  | 85  | 88  | 92  | 95               | 2193                  | 91.4    | 1:50 | 93      | 6:30  | 87           | 12:50 | 99      | 19:40 | 85  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月                                            |     |     |     |     |     |     |     |     |     |     |     |                     |     |     |     |     |     |     |     |     |     |     |     |                  | 73208                 | 101.7   |      |         |       |              |       |         |       |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 月最高潮位 130 cm 11日 6:00                          |     |     |     |     |     |     |     |     |     |     |     |                     |     |     |     |     |     |     |     |     |     |     |     |                  | 月最低潮位 62 cm 23日 12:40 |         |      |         |       |              |       |         |       |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

様式 2-1-1 潮位月表

潮位整理表

2001年10月

|                                                  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |      |       |       |           |       |     |       |     |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                                                  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |      | 測得回数  | 744 回 |           |       |     |       |     |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |      | 欠測回数  | 0 回   | ( 0.0 % ) |       |     |       |     |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |      | 単位；cm |       |           |       |     |       |     |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名： 敦賀港本港地区                                    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |      |       |       |           |       |     |       |     |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 緯度： N 35° -39'-30" 東京湾平均海面： + 0.651 m (19920101) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |      |       |       |           |       |     |       |     |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 経度： E 136° -03'-55" 検潮基準面： ± 0.000 m             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |      |       |       |           |       |     |       |     |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |      |       |       |           |       |     |       |     |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 時                                                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 満   |       |       | 干    |       |       | 満         |       |     | 干     |     |    | 月 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 日                                                | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 計     | 平均    | 時：分  | cm    | 時：分   | cm        | 時：分   | cm  | 時：分   | cm  | 齢  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                                                | 99  | 102 | 104 | 103 | 101 | 100 | 98  | 98  | 100 | 104 | 107 | 111 | 114 | 116 | 116 | 116 | 114 | 111 | 107 | 105 | 104 | 105 | 108 | 113 | 2556  | 106.5 | 2:00 | 104   | 7:00  | 98        | 13:55 | 116 | 20:10 | 104 |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                                | 117 | 120 | 122 | 121 | 120 | 117 | 116 | 115 | 115 | 116 | 118 | 121 | 124 | 126 | 127 | 126 | 124 | 120 | 116 | 111 | 107 | 106 | 108 | 110 | 2823  | 117.6 | 2:15 | 122   | 7:50  | 115       | 14:00 | 127 | 20:35 | 106 | ○  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                | 114 | 117 | 118 | 117 | 115 | 111 | 107 | 104 | 101 | 101 | 102 | 105 | 108 | 112 | 114 | 115 | 113 | 110 | 105 | 100 | 96  | 95  | 95  | 97  | 2572  | 107.2 | 2:25 | 118   | 8:25  | 101       | 14:40 | 115 | 21:10 | 95  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                | 100 | 104 | 106 | 106 | 104 | 101 | 96  | 92  | 89  | 88  | 89  | 90  | 93  | 97  | 99  | 101 | 101 | 99  | 97  | 94  | 91  | 89  | 89  | 92  | 2307  | 96.1  | 2:50 | 106   | 9:00  | 88        | 15:20 | 101 | 21:30 | 89  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                | 95  | 98  | 101 | 103 | 102 | 99  | 96  | 92  | 88  | 86  | 86  | 88  | 92  | 96  | 101 | 104 | 106 | 106 | 105 | 102 | 98  | 97  | 97  | 98  | 2336  | 97.3  | 3:10 | 103   | 9:35  | 86        | 16:25 | 106 | 21:50 | 97  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                                | 100 | 103 | 105 | 106 | 106 | 105 | 102 | 97  | 93  | 90  | 87  | 88  | 90  | 94  | 99  | 102 | 104 | 105 | 104 | 100 | 98  | 96  | 95  | 95  | 2364  | 98.5  | 3:30 | 107   | 10:20 | 87        | 16:55 | 105 | 22:25 | 95  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                                | 97  | 99  | 101 | 103 | 103 | 102 | 99  | 95  | 90  | 86  | 83  | 81  | 82  | 84  | 88  | 92  | 95  | 96  | 97  | 96  | 94  | 93  | 91  | 91  | 2238  | 93.3  | 3:55 | 103   | 11:05 | 81        | 17:50 | 97  | 22:55 | 91  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                                | 92  | 94  | 96  | 99  | 100 | 100 | 98  | 95  | 91  | 87  | 84  | 81  | 80  | 81  | 83  | 87  | 91  | 95  | 97  | 98  | 99  | 98  | 98  | 99  | 2223  | 92.6  | 4:25 | 100   | 12:00 | 80        | 19:50 | 99  | 22:20 | 98  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                                | 100 | 102 | 104 | 106 | 107 | 108 | 107 | 106 | 103 | 99  | 96  | 93  | 92  | 91  | 92  | 95  | 98  | 102 | 105 | 107 | 109 | 110 | 111 | 112 | 2455  | 102.3 | 5:00 | 108   | —     | —         | —     | —   | 13:00 | 91  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                               | 114 | 115 | 117 | 120 | 122 | 124 | 124 | 122 | 119 | 115 | 110 | 108 | 105 | 103 | 102 | 103 | 105 | 108 | 111 | 114 | 116 | 118 | 120 | 121 | 2736  | 114.0 | 5:50 | 124   | —     | —         | —     | —   | 14:00 | 102 | 下弦 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                               | 121 | 122 | 123 | 124 | 124 | 125 | 126 | 127 | 126 | 124 | 123 | 120 | 117 | 114 | 111 | 110 | 109 | 110 | 112 | 114 | 117 | 119 | 121 | 122 | 2861  | 119.2 | 7:05 | 127   | —     | —         | —     | —   | 15:50 | 109 |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                                               | 123 | 123 | 122 | 121 | 121 | 121 | 121 | 121 | 122 | 122 | 120 | 117 | 114 | 110 | 105 | 102 | 98  | 97  | 98  | 100 | 103 | 107 | 110 | 113 | 2711  | 113.0 | 0:10 | 123   | 5:00  | 121       | 8:30  | 122 | 17:00 | 97  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                                               | 115 | 115 | 113 | 112 | 111 | 110 | 110 | 111 | 113 | 114 | 115 | 114 | 112 | 108 | 103 | 98  | 95  | 92  | 90  | 92  | 95  | 99  | 104 | 108 | 2549  | 106.2 | 0:25 | 115   | 5:10  | 110       | 10:20 | 115 | 18:00 | 90  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                                               | 111 | 112 | 110 | 108 | 106 | 104 | 104 | 105 | 108 | 111 | 114 | 116 | 116 | 114 | 110 | 105 | 100 | 96  | 92  | 91  | 92  | 95  | 98  | 102 | 2520  | 105.0 | 0:50 | 112   | 5:40  | 104       | 11:40 | 116 | 18:50 | 91  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                                               | 105 | 106 | 106 | 103 | 99  | 96  | 94  | 94  | 94  | 97  | 102 | 106 | 108 | 109 | 108 | 102 | 96  | 89  | 83  | 80  | 79  | 81  | 84  | 88  | 2309  | 96.2  | 1:10 | 106   | 6:40  | 94        | 13:00 | 109 | 19:35 | 79  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                                               | 92  | 94  | 95  | 92  | 88  | 84  | 81  | 79  | 79  | 81  | 85  | 90  | 95  | 98  | 99  | 97  | 93  | 88  | 83  | 80  | 79  | 81  | 85  | 90  | 2108  | 87.8  | 1:35 | 95    | 7:25  | 79        | 13:40 | 99  | 20:10 | 79  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                                               | 97  | 102 | 104 | 104 | 103 | 99  | 93  | 89  | 87  | 88  | 91  | 97  | 103 | 108 | 111 | 111 | 109 | 103 | 97  | 93  | 91  | 91  | 93  | 95  | 2359  | 98.3  | 2:30 | 104   | 8:15  | 87        | 14:40 | 112 | 20:40 | 91  | ●  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                                               | 98  | 100 | 102 | 102 | 100 | 97  | 91  | 86  | 81  | 80  | 81  | 84  | 90  | 96  | 101 | 103 | 104 | 102 | 98  | 92  | 89  | 88  | 88  | 89  | 2242  | 93.4  | 2:25 | 102   | 9:05  | 80        | 15:40 | 104 | 21:20 | 88  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                                               | 92  | 95  | 97  | 98  | 97  | 93  | 88  | 82  | 77  | 73  | 72  | 72  | 75  | 82  | 89  | 93  | 96  | 96  | 95  | 94  | 92  | 91  | 88  | 88  | 2115  | 88.1  | 2:55 | 98    | 10:05 | 72        | 16:40 | 96  | 22:20 | 88  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                                               | 92  | 95  | 98  | 99  | 99  | 97  | 93  | 88  | 83  | 79  | 76  | 75  | 77  | 80  | 84  | 89  | 93  | 97  | 98  | 97  | 94  | 91  | 89  | 89  | 2152  | 89.7  | 3:25 | 100   | 10:45 | 75        | 17:45 | 99  | 22:35 | 88  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21                                               | 90  | 93  | 96  | 99  | 100 | 100 | 98  | 95  | 90  | 85  | 82  | 79  | 79  | 82  | 86  | 90  | 94  | 96  | 99  | 100 | 100 | 101 | 101 | 102 | 2237  | 93.2  | 4:10 | 100   | 11:40 | 78        | —     | —   | —     | —   |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                                               | 103 | 105 | 107 | 108 | 109 | 109 | 108 | 106 | 103 | 99  | 96  | 93  | 91  | 92  | 94  | 98  | 101 | 105 | 108 | 110 | 111 | 113 | 114 | 116 | 2499  | 104.1 | 4:25 | 109   | —     | —         | —     | —   | 12:35 | 91  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23                                               | 117 | 118 | 119 | 120 | 121 | 121 | 120 | 119 | 116 | 112 | 108 | 105 | 103 | 101 | 100 | 101 | 104 | 106 | 108 | 109 | 111 | 112 | 113 | 114 | 2678  | 111.6 | 5:00 | 121   | —     | —         | —     | —   | 13:45 | 100 |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                                               | 115 | 114 | 114 | 113 | 113 | 113 | 111 | 110 | 108 | 106 | 103 | 100 | 96  | 93  | 91  | 90  | 91  | 92  | 94  | 97  | 99  | 101 | 102 | 103 | 2469  | 102.9 | 0:15 | 115   | —     | —         | 23:50 | 104 | 15:00 | 90  | 上弦 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                                               | 104 | 103 | 102 | 101 | 101 | 100 | 100 | 100 | 99  | 98  | 96  | 95  | 93  | 91  | 88  | 86  | 86  | 86  | 86  | 87  | 89  | 91  | 93  | 94  | 2269  | 94.5  | —    | —     | —     | —         | —     | —   | 16:00 | 86  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26                                               | 95  | 95  | 95  | 95  | 94  | 93  | 93  | 93  | 93  | 93  | 92  | 90  | 88  | 86  | 83  | 81  | 79  | 79  | 79  | 81  | 83  | 85  | 88  | 90  | 2123  | 88.5  | 0:05 | 95    | —     | —         | —     | —   | 17:00 | 79  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27                                               | 91  | 92  | 92  | 91  | 90  | 89  | 90  | 91  | 92  | 94  | 95  | 95  | 93  | 92  | 90  | 87  | 84  | 83  | 83  | 85  | 87  | 89  | 92  | 94  | 2161  | 90.0  | 0:45 | 92    | 5:15  | 89        | 10:30 | 95  | 17:45 | 83  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28                                               | 96  | 96  | 95  | 94  | 93  | 92  | 92  | 94  | 96  | 99  | 101 | 102 | 103 | 102 | 101 | 100 | 99  | 99  | 99  | 101 | 104 | 107 | 110 | 112 | 2387  | 99.5  | 0:45 | 96    | 5:30  | 92        | 12:00 | 103 | 17:25 | 99  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29                                               | 114 | 114 | 112 | 109 | 106 | 104 | 102 | 102 | 103 | 104 | 105 | 106 | 106 | 106 | 104 | 101 | 97  | 94  | 90  | 88  | 89  | 91  | 93  | 94  | 2434  | 101.4 | 0:45 | 114   | 6:30  | 102       | 12:25 | 106 | 19:00 | 88  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                                               | 96  | 97  | 94  | 91  | 88  | 85  | 82  | 81  | 82  | 83  | 87  | 89  | 91  | 92  | 92  | 90  | 86  | 83  | 81  | 79  | 79  | 81  | 84  | 87  | 2080  | 86.7  | 1:00 | 97    | 7:00  | 81        | 13:10 | 92  | 19:30 | 79  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31                                               | 91  | 92  | 92  | 90  | 88  | 84  | 80  | 79  | 78  | 80  | 83  | 87  | 91  | 95  | 96  | 95  | 93  | 90  | 87  | 85  | 85  | 86  | 88  | 91  | 2106  | 87.8  | 1:15 | 92    | 7:40  | 78        | 14:00 | 96  | 19:50 | 85  |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月                                              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 73979 | 99.4  |      |       |       |           |       |     |       |     |    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 127 cm 11日 7:05 月最低潮位 72 cm 19日 10:05

様式 2-1-1 潮位月表

潮位整理表

2001年11月

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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 測得回数  |  | 720 回 |           |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 欠測回数  |  | 0 回   | ( 0.0 % ) |  |  |
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様式 2-1-1 潮位月表

潮位整理表

2001年12月

|                                                    |     |     |     |     |     |     |     |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |       |      |              |       |              |       |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 球分体：+ 2.700 m                                      |     |     |     |     |     |     |     |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |       |      |              | 規定回数  |              | 744 回 |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 基本水準面：+ 0.620 m                                    |     |     |     |     |     |     |     |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |       |      |              | 測得回数  |              | 744 回 |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 緯度：N 35° -39'-30" 東京湾平均海面：+ 0.651 m (19920101)     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |       |      |              | 欠測回数  |              | 0 回   | ( 0.0 %)     |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名： 敦賀港本港地区 経度： E 136° -03'-55" 検潮基準面： ± 0.000 m |     |     |     |     |     |     |     |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |       |      |              | 単位：cm |              |       |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 1                                                  | 106 | 108 | 107 | 105 | 100 | 93  | 86  | 80 | 76 | 76 | 77 | 81 | 85 | 89 | 93  | 94  | 95  | 93  | 91  | 89  | 88  | 90  | 92  | 95  | 2189  | 91.2 | 1:10         | 108   | 8:35         | 76    | 15:35        | 95  | 20:05        | 88  | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                                  | 97  | 99  | 100 | 98  | 95  | 90  | 83  | 77 | 73 | 70 | 70 | 72 | 76 | 83 | 88  | 91  | 92  | 91  | 89  | 87  | 86  | 86  | 87  | 89  | 2069  | 86.2 | 1:45         | 100   | 9:20         | 70    | 16:10        | 92  | 20:55        | 86  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                  | 91  | 93  | 95  | 95  | 92  | 88  | 83  | 76 | 72 | 68 | 67 | 68 | 72 | 77 | 83  | 88  | 92  | 93  | 93  | 92  | 91  | 90  | 91  | 92  | 2042  | 85.1 | 2:20         | 95    | 10:00        | 67    | 17:20        | 94  | 21:20        | 90  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                  | 94  | 97  | 99  | 100 | 100 | 97  | 91  | 85 | 78 | 71 | 66 | 66 | 68 | 72 | 78  | 84  | 88  | 91  | 93  | 92  | 90  | 89  | 88  | 89  | 2066  | 86.1 | 3:00         | 100   | 9:50         | 66    | 18:15        | 93  | 22:20        | 88  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                  | 91  | 92  | 95  | 97  | 98  | 96  | 91  | 86 | 80 | 75 | 70 | 67 | 65 | 66 | 70  | 76  | 81  | 86  | 88  | 89  | 89  | 88  | 87  | 86  | 2009  | 83.7 | 3:45         | 98    | 11:45        | 65    | 19:30        | 89  | 23:10        | 86  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                                  | 88  | 91  | 94  | 97  | 99  | 99  | 97  | 93 | 88 | 84 | 80 | 76 | 74 | 73 | 75  | 79  | 84  | 89  | 94  | 98  | 100 | 100 | 99  | 97  | 2148  | 89.5 | 4:40         | 99    | —            | —     | 20:20        | 100 | 12:45        | 72  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                                  | 95  | 95  | 96  | 98  | 99  | 101 | 102 | 98 | 94 | 89 | 84 | 79 | 75 | 72 | 72  | 73  | 75  | 77  | 80  | 83  | 86  | 86  | 86  | 84  | 2079  | 86.6 | 5:50         | 102   | 0:20         | 95    | 21:10        | 86  | 13:45        | 72  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                                  | 82  | 81  | 80  | 81  | 82  | 84  | 85  | 86 | 85 | 83 | 79 | 75 | 70 | 67 | 64  | 63  | 66  | 70  | 73  | 77  | 81  | 84  | 85  | 85  | 1868  | 77.8 | 7:10         | 86    | 1:50         | 80    | 22:05        | 85  | 14:45        | 63  | 下<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                                  | 84  | 83  | 82  | 82  | 82  | 82  | 83  | 83 | 84 | 84 | 82 | 80 | 75 | 71 | 68  | 66  | 66  | 67  | 69  | 72  | 74  | 77  | 79  | 80  | 1855  | 77.3 | 8:50         | 84    | 3:20         | 82    | 23:10        | 80  | 15:30        | 66  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                                 | 79  | 78  | 76  | 74  | 73  | 73  | 74  | 76 | 78 | 81 | 82 | 82 | 80 | 77 | 75  | 73  | 71  | 71  | 72  | 74  | 77  | 80  | 83  | 84  | 1843  | 76.8 | 10:30        | 82    | 4:35         | 73    | 23:00        | 84  | 16:50        | 71  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                                 | 83  | 79  | 74  | 70  | 66  | 63  | 63  | 65 | 67 | 71 | 75 | 77 | 78 | 76 | 72  | 69  | 67  | 65  | 65  | 66  | 68  | 72  | 75  | 77  | 1703  | 71.0 | 11:55        | 78    | 5:30         | 62    | 23:30        | 77  | 17:40        | 65  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                                                 | 77  | 74  | 70  | 65  | 62  | 58  | 56  | 56 | 58 | 62 | 68 | 72 | 76 | 77 | 77  | 75  | 73  | 71  | 69  | 70  | 72  | 75  | 77  | 79  | 1669  | 69.5 | —            | —     | 6:30         | 55    | 13:10        | 77  | 18:25        | 69  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                                                 | 79  | 78  | 75  | 71  | 65  | 61  | 58  | 57 | 60 | 65 | 72 | 77 | 82 | 87 | 91  | 93  | 93  | 90  | 88  | 88  | 89  | 92  | 95  | 98  | 1904  | 79.3 | 0:00         | 79    | 7:10         | 57    | 15:20        | 93  | 19:00        | 88  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                                                 | 100 | 101 | 99  | 96  | 92  | 86  | 80  | 75 | 72 | 74 | 76 | 80 | 85 | 88 | 92  | 93  | 92  | 90  | 88  | 86  | 87  | 89  | 93  | 96  | 2110  | 87.9 | 1:10         | 101   | 8:05         | 72    | 15:10        | 93  | 19:20        | 86  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                                                 | 99  | 100 | 100 | 96  | 90  | 82  | 74  | 69 | 65 | 64 | 66 | 70 | 76 | 82 | 86  | 89  | 90  | 90  | 89  | 88  | 87  | 87  | 88  | 90  | 2017  | 84.0 | 1:05         | 100   | 8:45         | 64    | 16:00        | 90  | 21:15        | 87  | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                                                 | 92  | 93  | 92  | 90  | 85  | 79  | 72  | 65 | 60 | 56 | 56 | 58 | 61 | 65 | 69  | 73  | 75  | 75  | 74  | 73  | 72  | 72  | 73  | 74  | 1754  | 73.1 | 1:40         | 93    | 9:40         | 55    | 16:45        | 75  | 20:40        | 72  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                                                 | 77  | 79  | 81  | 80  | 78  | 74  | 68  | 62 | 57 | 53 | 50 | 52 | 55 | 60 | 65  | 73  | 79  | 82  | 83  | 83  | 82  | 82  | 83  | 87  | 1725  | 71.9 | 2:15         | 81    | 10:10        | 50    | 17:45        | 83  | 20:30        | 81  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                                                 | 90  | 92  | 94  | 95  | 94  | 89  | 84  | 78 | 73 | 68 | 65 | 64 | 65 | 67 | 71  | 74  | 78  | 80  | 81  | 80  | 78  | 76  | 76  | 78  | 1890  | 78.8 | 2:55         | 95    | 10:55        | 64    | 18:15        | 81  | 21:55        | 76  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                                                 | 80  | 82  | 84  | 85  | 85  | 82  | 79  | 74 | 68 | 64 | 59 | 57 | 56 | 58 | 60  | 65  | 69  | 73  | 75  | 76  | 75  | 74  | 74  | 74  | 1728  | 72.0 | 3:30         | 85    | 11:35        | 56    | 19:00        | 76  | 22:15        | 74  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                                                 | 76  | 77  | 79  | 80  | 80  | 80  | 78  | 74 | 70 | 65 | 60 | 57 | 55 | 56 | 58  | 62  | 66  | 69  | 71  | 73  | 73  | 72  | 71  | 70  | 1672  | 69.7 | 4:10         | 80    | 12:10        | 55    | 19:40        | 73  | 23:30        | 70  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21                                                 | 70  | 72  | 74  | 76  | 78  | 79  | 77  | 74 | 72 | 69 | 66 | 63 | 62 | 61 | 64  | 67  | 71  | 75  | 81  | 84  | 87  | 88  | 89  | 89  | 1788  | 74.5 | 4:50         | 79    | —            | —     | —            | —   | 12:40        | 61  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                                                 | 90  | 90  | 91  | 92  | 93  | 95  | 95  | 94 | 91 | 88 | 84 | 80 | 78 | 77 | 77  | 78  | 81  | 83  | 86  | 88  | 89  | 90  | 89  | 88  | 2087  | 87.0 | 5:40         | 95    | —            | —     | 20:55        | 90  | 13:25        | 76  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23                                                 | 86  | 84  | 83  | 82  | 82  | 82  | 82  | 81 | 79 | 77 | 75 | 73 | 71 | 70 | 69  | 70  | 71  | 72  | 74  | 76  | 77  | 78  | 78  | 77  | 1849  | 77.0 | —            | —     | —            | —     | 21:30        | 78  | 14:00        | 69  | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                                                 | 76  | 75  | 74  | 73  | 72  | 73  | 73  | 74 | 75 | 75 | 75 | 74 | 73 | 72 | 71  | 70  | 71  | 72  | 73  | 74  | 75  | 77  | 77  | 76  | 1770  | 73.8 | 9:10         | 75    | 3:40         | 72    | 21:50        | 77  | 14:50        | 70  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                                                 | 75  | 73  | 71  | 69  | 69  | 69  | 70  | 72 | 73 | 74 | 75 | 76 | 75 | 74 | 72  | 70  | 69  | 70  | 71  | 72  | 73  | 74  | 75  | 75  | 1736  | 72.3 | 11:10        | 76    | 4:15         | 69    | 22:20        | 75  | 15:55        | 69  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26                                                 | 72  | 69  | 66  | 63  | 61  | 59  | 59  | 60 | 62 | 65 | 67 | 68 | 69 | 69 | 68  | 67  | 67  | 67  | 69  | 71  | 74  | 76  | 77  | 77  | 1622  | 67.6 | 12:00        | 69    | 5:35         | 59    | 22:50        | 77  | 16:30        | 67  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27                                                 | 76  | 74  | 70  | 66  | 62  | 58  | 56  | 56 | 58 | 61 | 65 | 68 | 71 | 73 | 75  | 75  | 75  | 75  | 76  | 79  | 81  | 84  | 86  | 88  | 1708  | 71.2 | —            | —     | 6:20         | 55    | 23:20        | 88  | —            | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28                                                 | 85  | 85  | 81  | 76  | 72  | 68  | 65  | 64 | 66 | 69 | 73 | 78 | 83 | 85 | 86  | 85  | 83  | 80  | 77  | 77  | 78  | 80  | 82  | 84  | 1862  | 77.6 | 14:10        | 86    | 7:00         | 64    | 23:55        | 85  | 18:25        | 77  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29                                                 | 85  | 83  | 80  | 75  | 70  | 65  | 60  | 57 | 56 | 58 | 61 | 66 | 72 | 76 | 79  | 80  | 80  | 80  | 79  | 80  | 82  | 85  | 89  | 93  | 1791  | 74.6 | —            | —     | 7:40         | 56    | 15:15        | 80  | 18:20        | 79  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                                                 | 98  | 101 | 101 | 100 | 97  | 94  | 90  | 86 | 82 | 82 | 84 | 88 | 92 | 97 | 100 | 102 | 104 | 103 | 102 | 101 | 100 | 102 | 105 | 108 | 2319  | 96.6 | 1:10         | 101   | 8:20         | 81    | 15:45        | 104 | 19:55        | 100 | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31                                                 | 110 | 112 | 110 | 105 | 100 | 92  | 84  | 76 | 70 | 66 | 67 | 70 | 75 | 80 | 84  | 87  | 89  | 88  | 85  | 82  | 81  | 81  | 82  | 84  | 2060  | 85.8 | 1:15         | 112   | 9:10         | 66    | 16:30        | 89  | 20:40        | 81  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月                                                |     |     |     |     |     |     |     |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     | 58932 | 79.2 |              |       |              |       |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 112 cm 31日 1:15 月最低潮位 50 cm 17日 10:10