

様式 2-1-1 潮位月表

潮位整理表

2016年1月

|                                                                                                                                       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       |              |         |              |              |              |         |              |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|-------|--------------|---------|--------------|--------------|--------------|---------|--------------|---------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|-----|-------|--|--|--|--|
| 球分体：+ 3.191 m<br>基本水準面：+ 1.170 m<br>緯度：N 37° -56'-26" 東京湾平均海面：+ 1.040 m (20150401)<br>観測所名：新潟港西港地区 経度：E 139° -03'-40" 検潮基準面：± 0.000 m |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       |              | 規定回数    |              | 744 回        |              |         |              |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
|                                                                                                                                       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       |              | 測得回数    |              | 744 回        |              |         |              |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
|                                                                                                                                       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       |              | 欠測回数    |              | 0 回 ( 0.0 %) |              |         |              |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
|                                                                                                                                       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       |              | 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 | 満<br>cm | 干<br>時：<br>分 | 干<br>cm      | 満<br>時：<br>分 | 満<br>cm | 干<br>時：<br>分 | 干<br>cm | 月<br>齢 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 1                                                                                                                                     | 136 | 135 | 135 | 135 | 137 | 138 | 139 | 140 | 138 | 136 | 132 | 129 | 127 | 125 | 124 | 125 | 127 | 130 | 132 | 134 | 136 | 136 | 135 | 133    | 3194  | 133.1 | 6:15         | 140     | 2:30         | 135          | 20:50        | 136     | 14:00        | 124     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 2                                                                                                                                     | 132 | 131 | 130 | 131 | 133 | 135 | 138 | 140 | 140 | 139 | 137 | 135 | 134 | 134 | 134 | 135 | 137 | 139 | 141 | 143 | 145 | 146 | 145 | 144    | 3298  | 137.4 | 7:50         | 140     | 1:50         | 130          | 21:00        | 146     | 13:50        | 134     | 下<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 3                                                                                                                                     | 143 | 141 | 141 | 140 | 140 | 140 | 141 | 142 | 143 | 143 | 142 | 140 | 139 | 139 | 139 | 139 | 141 | 142 | 145 | 147 | 148 | 149 | 149 | 148    | 3421  | 142.5 | 7:55         | 143     | 4:00         | 140          | 21:45        | 149     | 13:55        | 139     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 4                                                                                                                                     | 145 | 143 | 142 | 140 | 139 | 138 | 138 | 139 | 142 | 144 | 145 | 147 | 148 | 149 | 150 | 151 | 151 | 151 | 150 | 150 | 150 | 150 | 150 | 150    | 3502  | 145.9 | —            | —       | 5:30         | 138          | 16:00        | 151     | —            | —       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 5                                                                                                                                     | 149 | 147 | 144 | 140 | 138 | 137 | 137 | 137 | 138 | 139 | 141 | 143 | 144 | 143 | 141 | 140 | 140 | 141 | 143 | 144 | 145 | 146 | 146 | 146    | 3409  | 142.0 | 12:00        | 144     | 6:30         | 137          | 22:10        | 146     | 15:30        | 140     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 6                                                                                                                                     | 145 | 141 | 137 | 134 | 132 | 129 | 128 | 127 | 129 | 131 | 134 | 138 | 141 | 142 | 142 | 140 | 140 | 141 | 142 | 144 | 146 | 148 | 149 | 150    | 3330  | 138.8 | 13:15        | 142     | 7:00         | 127          | 23:20        | 150     | 16:05        | 140     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 7                                                                                                                                     | 150 | 148 | 145 | 140 | 137 | 135 | 133 | 132 | 132 | 134 | 136 | 139 | 142 | 144 | 145 | 145 | 143 | 141 | 141 | 142 | 144 | 145 | 147 | 148    | 3388  | 141.2 | 14:30        | 146     | 7:30         | 132          | 23:35        | 148     | 18:00        | 141     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 8                                                                                                                                     | 148 | 147 | 144 | 141 | 137 | 132 | 128 | 125 | 125 | 126 | 130 | 135 | 139 | 143 | 146 | 148 | 149 | 148 | 146 | 146 | 147 | 150 | 153 | 156    | 3389  | 141.2 | —            | —       | 7:30         | 125          | 16:15        | 149     | 18:50        | 146     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 9                                                                                                                                     | 158 | 159 | 158 | 153 | 147 | 140 | 134 | 130 | 127 | 126 | 128 | 131 | 135 | 139 | 142 | 144 | 145 | 145 | 142 | 141 | 141 | 142 | 144 | 147    | 3398  | 141.6 | 0:55         | 159     | 9:10         | 126          | 16:00        | 145     | 19:55        | 141     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 10                                                                                                                                    | 150 | 153 | 155 | 154 | 151 | 146 | 141 | 136 | 132 | 129 | 129 | 132 | 136 | 141 | 147 | 151 | 154 | 155 | 153 | 151 | 150 | 150 | 151 | 154    | 3501  | 145.9 | 2:15         | 155     | 9:45         | 128          | 16:50        | 155     | 21:00        | 150     | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 11                                                                                                                                    | 157 | 160 | 161 | 158 | 154 | 148 | 140 | 134 | 129 | 125 | 122 | 121 | 125 | 129 | 134 | 139 | 142 | 144 | 144 | 143 | 141 | 140 | 139 | 141    | 3370  | 140.4 | 1:35         | 161     | 10:45        | 121          | 17:35        | 144     | 21:35        | 139     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 12                                                                                                                                    | 145 | 149 | 151 | 152 | 152 | 149 | 142 | 135 | 128 | 124 | 121 | 120 | 122 | 127 | 132 | 137 | 141 | 143 | 144 | 143 | 140 | 138 | 138 | 139    | 3312  | 138.0 | 3:15         | 153     | 11:00        | 120          | 17:55        | 144     | 22:05        | 138     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 13                                                                                                                                    | 141 | 144 | 148 | 150 | 150 | 148 | 144 | 139 | 132 | 126 | 122 | 121 | 122 | 127 | 133 | 139 | 145 | 148 | 151 | 151 | 150 | 147 | 145 | 145    | 3368  | 140.3 | 3:40         | 150     | 11:00        | 121          | 19:00        | 151     | 22:50        | 145     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 14                                                                                                                                    | 146 | 150 | 154 | 158 | 161 | 161 | 158 | 153 | 147 | 141 | 136 | 132 | 131 | 131 | 134 | 139 | 145 | 149 | 150 | 150 | 149 | 145 | 142 | 139    | 3501  | 145.9 | 4:20         | 161     | —            | —            | 18:30        | 151     | 12:20        | 131     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 15                                                                                                                                    | 137 | 137 | 139 | 142 | 146 | 147 | 148 | 146 | 142 | 138 | 132 | 128 | 125 | 124 | 125 | 130 | 135 | 139 | 142 | 144 | 144 | 143 | 140 | 136    | 3309  | 137.9 | 5:40         | 148     | 0:45         | 137          | 19:35        | 144     | 13:05        | 124     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 16                                                                                                                                    | 134 | 133 | 134 | 137 | 140 | 144 | 146 | 147 | 145 | 142 | 138 | 134 | 132 | 130 | 130 | 132 | 135 | 139 | 142 | 144 | 145 | 144 | 142 | 139    | 3328  | 138.7 | 6:45         | 147     | 1:05         | 133          | 20:05        | 145     | 13:50        | 130     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 17                                                                                                                                    | 135 | 132 | 131 | 131 | 133 | 136 | 139 | 142 | 142 | 141 | 138 | 135 | 132 | 130 | 129 | 129 | 132 | 136 | 139 | 143 | 144 | 144 | 143 | 140    | 3276  | 136.5 | 7:35         | 142     | 2:30         | 131          | 20:35        | 144     | 14:30        | 129     | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 18                                                                                                                                    | 137 | 133 | 130 | 129 | 128 | 129 | 133 | 137 | 140 | 144 | 146 | 148 | 147 | 146 | 145 | 146 | 148 | 152 | 156 | 161 | 164 | 167 | 168 | 168    | 3502  | 145.9 | 11:20        | 148     | 4:00         | 128          | 22:10        | 168     | 14:10        | 145     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 19                                                                                                                                    | 166 | 163 | 160 | 157 | 155 | 154 | 155 | 157 | 160 | 163 | 165 | 167 | 168 | 170 | 171 | 172 | 173 | 174 | 176 | 178 | 180 | 182 | 183 | 183    | 4032  | 168.0 | —            | —       | 5:30         | 154          | 22:05        | 183     | —            | —       |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 20                                                                                                                                    | 180 | 176 | 172 | 166 | 161 | 157 | 155 | 154 | 155 | 157 | 160 | 163 | 165 | 166 | 165 | 162 | 160 | 159 | 158 | 158 | 158 | 159 | 160 | 161    | 3887  | 162.0 | 12:40        | 166     | 7:30         | 154          | 22:50        | 161     | 19:00        | 158     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 21                                                                                                                                    | 160 | 156 | 152 | 147 | 141 | 138 | 135 | 134 | 133 | 135 | 138 | 142 | 146 | 148 | 150 | 151 | 151 | 150 | 149 | 149 | 151 | 153 | 156 | 158    | 3523  | 146.8 | —            | —       | 8:00         | 133          | 15:55        | 151     | 18:40        | 149     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 22                                                                                                                                    | 158 | 157 | 155 | 149 | 144 | 139 | 134 | 130 | 128 | 128 | 130 | 134 | 138 | 141 | 144 | 145 | 145 | 144 | 142 | 141 | 141 | 142 | 145 | 147    | 3401  | 141.7 | 0:05         | 158     | 8:35         | 128          | 15:40        | 145     | 19:20        | 141     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 23                                                                                                                                    | 149 | 150 | 148 | 143 | 137 | 131 | 125 | 120 | 116 | 114 | 115 | 118 | 123 | 127 | 132 | 135 | 137 | 137 | 136 | 134 | 133 | 134 | 136 | 139    | 3169  | 132.0 | 0:45         | 150     | 9:20         | 114          | 16:40        | 137     | 20:00        | 133     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 24                                                                                                                                    | 142 | 145 | 146 | 145 | 143 | 140 | 136 | 131 | 127 | 125 | 124 | 125 | 129 | 135 | 139 | 142 | 145 | 145 | 145 | 142 | 140 | 140 | 141 | 144    | 3316  | 138.2 | 2:00         | 146     | 10:05        | 124          | 16:50        | 145     | 21:00        | 140     | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 25                                                                                                                                    | 147 | 150 | 152 | 151 | 149 | 144 | 137 | 131 | 126 | 122 | 119 | 119 | 122 | 126 | 130 | 133 | 135 | 136 | 135 | 133 | 131 | 129 | 129 | 130    | 3216  | 134.0 | 2:15         | 152     | 10:50        | 119          | 16:45        | 136     | 21:55        | 129     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 26                                                                                                                                    | 132 | 135 | 138 | 138 | 137 | 133 | 128 | 122 | 117 | 113 | 110 | 109 | 111 | 116 | 121 | 127 | 130 | 132 | 133 | 133 | 131 | 130 | 130 | 131    | 3037  | 126.5 | 2:30         | 138     | 10:50        | 109          | 17:55        | 133     | 22:00        | 130     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 27                                                                                                                                    | 134 | 138 | 142 | 145 | 146 | 146 | 144 | 139 | 132 | 127 | 123 | 121 | 122 | 124 | 128 | 132 | 135 | 137 | 136 | 133 | 131 | 128 | 126 | 125    | 3194  | 133.1 | 4:15         | 146     | 11:25        | 121          | 17:00        | 137     | 23:00        | 125     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 28                                                                                                                                    | 126 | 129 | 131 | 134 | 136 | 137 | 135 | 131 | 126 | 120 | 116 | 113 | 111 | 112 | 116 | 119 | 123 | 126 | 129 | 129 | 129 | 126 | 123 | 122    | 2999  | 125.0 | 4:10         | 137     | —            | —            | 18:55        | 129     | 12:15        | 111     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 29                                                                                                                                    | 122 | 123 | 124 | 126 | 127 | 128 | 128 | 126 | 123 | 118 | 113 | 110 | 108 | 109 | 111 | 115 | 118 | 121 | 124 | 125 | 123 | 120 | 117 | 115    | 2874  | 119.8 | 5:10         | 128     | 0:00         | 122          | 18:45        | 125     | 12:20        | 108     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 30                                                                                                                                    | 114 | 114 | 114 | 116 | 119 | 121 | 121 | 121 | 120 | 116 | 113 | 111 | 110 | 110 | 113 | 116 | 119 | 122 | 125 | 126 | 127 | 125 | 122 | 121    | 2836  | 118.2 | 6:05         | 121     | 0:50         | 114          | 19:45        | 127     | 12:30        | 110     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 31                                                                                                                                    | 120 | 120 | 121 | 123 | 125 | 127 | 128 | 128 | 126 | 125 | 122 | 121 | 120 | 120 | 121 | 123 | 125 | 127 | 129 | 130 | 130 | 129 | 127 | 125    | 2992  | 124.7 | 6:15         | 128     | 0:50         | 120          | 19:40        | 130     | 12:50        | 120     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 計/月                                                                                                                                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 103272 | 138.8 |       |              |         |              |              |              |         |              |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |        |     |       |  |  |  |  |
| 月最高潮位                                                                                                                                 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 183 cm | 19日   | 22:05 | 月最低潮位        |         |              |              |              |         |              |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 108 cm | 29日 | 12:20 |  |  |  |  |

樣式 2-1-1 潮位月表

潮位整理表

2016年 2月

|                                                  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |                        |                |       |                |       |                |     |                |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|------------------------|----------------|-------|----------------|-------|----------------|-----|----------------|-----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                                                  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |                        |                | 規定回数  |                | 696 回 |                |     |                |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |                        |                | 測得回数  |                | 696 回 |                |     |                |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |                        |                | 欠測回数  |                | 0 回   | ( 0.0 %)       |     |                |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名： 新潟港西港地区                                    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |                        |                | 単位；cm |                |       |                |     |                |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 球分体： + 3.191 m                                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |                        |                |       |                |       |                |     |                |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 基本水準面： + 1.170 m                                 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |                        |                |       |                |       |                |     |                |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 緯度： N 37° -56'-26" 東京湾平均海面： + 1.040 m (20150401) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |                        |                |       |                |       |                |     |                |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 経度： E 139° -03'-40" 検潮基準面： ± 0.000 m             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |                        |                |       |                |       |                |     |                |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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                                                | 122 | 119 | 118 | 118 | 118 | 120 | 120 | 121 | 121 | 121 | 119 | 116 | 114 | 113 | 113 | 114 | 117 | 119 | 122 | 123 | 124 | 124 | 121 | 119   | 2856  | 119.0                  | 7:40           | 121   | 3:30           | 118   | 19:50          | 124 | 13:20          | 113 | 下<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                                | 116 | 113 | 111 | 109 | 109 | 110 | 112 | 113 | 115 | 116 | 118 | 118 | 117 | 116 | 116 | 117 | 119 | 122 | 124 | 125 | 126 | 127 | 126 | 124   | 2819  | 117.5                  | 11:10          | 118   | 3:45           | 109   | 20:40          | 127 | 13:45          | 116 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                | 122 | 119 | 117 | 114 | 113 | 112 | 112 | 113 | 115 | 116 | 117 | 118 | 119 | 120 | 120 | 120 | 121 | 122 | 122 | 123 | 123 | 124 | 124 | 122   | 2848  | 118.7                  | —              | —     | 5:50           | 112   | 21:00          | 124 | —              | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                | 119 | 116 | 114 | 111 | 108 | 106 | 106 | 107 | 110 | 112 | 115 | 118 | 120 | 122 | 124 | 126 | 127 | 128 | 130 | 132 | 134 | 135 | 136 | 136   | 2892  | 120.5                  | —              | —     | 6:00           | 106   | 21:40          | 136 | —              | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                | 134 | 132 | 128 | 124 | 121 | 117 | 115 | 115 | 115 | 119 | 121 | 124 | 126 | 128 | 129 | 129 | 130 | 130 | 131 | 132 | 133 | 134 | 135 | 136   | 3038  | 126.6                  | —              | —     | 7:10           | 115   | 23:35          | 137 | —              | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                                | 137 | 135 | 132 | 128 | 124 | 119 | 117 | 115 | 115 | 118 | 121 | 125 | 129 | 132 | 135 | 136 | 136 | 135 | 134 | 133 | 135 | 137 | 139 | 141   | 3108  | 129.5                  | —              | —     | 7:45           | 115   | 15:35          | 136 | 19:00          | 133 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                                | 141 | 141 | 140 | 137 | 131 | 125 | 120 | 116 | 114 | 113 | 114 | 118 | 122 | 127 | 130 | 132 | 132 | 130 | 128 | 128 | 128 | 130 | 132 | 136   | 3065  | 127.7                  | 0:00           | 141   | 9:00           | 113   | 15:30          | 132 | 19:15          | 128 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                                | 139 | 140 | 140 | 138 | 133 | 127 | 122 | 117 | 114 | 112 | 113 | 117 | 123 | 129 | 133 | 136 | 137 | 137 | 135 | 134 | 134 | 135 | 137 | 140   | 3122  | 130.1                  | 0:50           | 140   | 9:20           | 112   | 16:20          | 137 | 19:55          | 134 | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                                | 144 | 149 | 151 | 151 | 150 | 145 | 140 | 135 | 132 | 128 | 127 | 130 | 134 | 140 | 147 | 151 | 154 | 155 | 153 | 148 | 143 | 141 | 140 | 142   | 3430  | 142.9                  | 2:30           | 152   | 9:55           | 127   | 16:25          | 155 | 21:55          | 140 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                               | 147 | 151 | 153 | 154 | 154 | 149 | 142 | 135 | 127 | 122 | 119 | 118 | 120 | 124 | 131 | 136 | 138 | 138 | 135 | 129 | 126 | 124 | 122 | 122   | 3216  | 134.0                  | 2:45           | 154   | 10:50          | 118   | 16:25          | 139 | 22:45          | 122 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                               | 124 | 128 | 133 | 136 | 137 | 135 | 130 | 125 | 119 | 113 | 109 | 107 | 108 | 111 | 116 | 122 | 126 | 128 | 129 | 125 | 119 | 116 | 114 | 113   | 2923  | 121.8                  | 3:45           | 137   | 11:30          | 107   | 17:20          | 129 | 23:20          | 113 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                                               | 114 | 116 | 121 | 126 | 128 | 129 | 127 | 122 | 117 | 112 | 108 | 106 | 105 | 106 | 111 | 117 | 122 | 125 | 126 | 125 | 122 | 118 | 116 | 113   | 2832  | 118.0                  | 4:45           | 129   | 12:05          | 105   | 18:10          | 126 | 23:55          | 112 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                                               | 112 | 114 | 118 | 122 | 127 | 130 | 132 | 132 | 129 | 124 | 122 | 119 | 118 | 119 | 122 | 127 | 131 | 135 | 137 | 137 | 136 | 133 | 130 | 128   | 3034  | 126.4                  | 6:15           | 132   | —              | —     | 18:25          | 137 | 12:00          | 118 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                                               | 127 | 128 | 130 | 134 | 139 | 144 | 148 | 150 | 151 | 149 | 146 | 144 | 143 | 143 | 145 | 148 | 152 | 156 | 159 | 161 | 161 | 157 | 152 | 147   | 3514  | 146.4                  | 7:45           | 151   | 0:20           | 127   | 19:15          | 162 | 12:50          | 143 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                                               | 143 | 139 | 137 | 138 | 141 | 146 | 150 | 153 | 153 | 151 | 146 | 142 | 139 | 137 | 136 | 137 | 140 | 142 | 144 | 145 | 145 | 143 | 139 | 135   | 3421  | 142.5                  | 7:20           | 153   | 2:35           | 137   | 18:55          | 145 | 14:00          | 136 | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                                               | 130 | 126 | 123 | 121 | 120 | 121 | 125 | 128 | 131 | 132 | 133 | 134 | 135 | 136 | 136 | 137 | 139 | 141 | 143 | 145 | 147 | 148 | 148 | 146   | 3225  | 134.4                  | —              | —     | 4:00           | 120   | 21:10          | 148 | —              | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                                               | 143 | 140 | 136 | 132 | 130 | 130 | 131 | 135 | 137 | 139 | 141 | 142 | 142 | 140 | 138 | 137 | 136 | 135 | 134 | 134 | 135 | 136 | 135 | 133   | 3271  | 136.3                  | 10:55          | 142   | 5:00           | 130   | 21:05          | 136 | 19:00          | 134 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                                               | 130 | 126 | 121 | 116 | 112 | 110 | 110 | 110 | 114 | 116 | 119 | 122 | 124 | 126 | 127 | 127 | 127 | 128 | 128 | 130 | 133 | 135 | 136 | 137   | 2964  | 123.5                  | —              | —     | 5:45           | 110   | 22:45          | 137 | —              | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                                               | 136 | 134 | 132 | 128 | 123 | 120 | 117 | 116 | 117 | 120 | 124 | 127 | 130 | 133 | 135 | 136 | 136 | 133 | 130 | 129 | 130 | 132 | 134 | 135   | 3087  | 128.6                  | 15:00          | 136   | 7:10           | 116   | 23:05          | 135 | 19:00          | 129 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                                               | 135 | 133 | 130 | 127 | 122 | 117 | 113 | 111 | 109 | 110 | 114 | 119 | 123 | 125 | 127 | 128 | 128 | 126 | 126 | 126 | 128 | 132 | 136 | 139   | 2984  | 124.3                  | —              | —     | 8:15           | 109   | 15:05          | 128 | 18:30          | 126 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21                                               | 141 | 141 | 141 | 139 | 134 | 130 | 125 | 122 | 119 | 118 | 120 | 124 | 129 | 133 | 136 | 138 | 139 | 137 | 135 | 134 | 133 | 133 | 134 | 137   | 3172  | 132.2                  | 1:05           | 141   | 9:00           | 118   | 15:45          | 139 | 20:45          | 133 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                                               | 141 | 144 | 144 | 140 | 135 | 128 | 122 | 116 | 112 | 110 | 108 | 109 | 113 | 117 | 119 | 121 | 122 | 121 | 118 | 116 | 114 | 114 | 116 | 120   | 2920  | 121.7                  | 1:30           | 144   | 10:25          | 108   | 16:00          | 122 | 20:50          | 114 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23                                               | 123 | 127 | 128 | 128 | 127 | 123 | 119 | 114 | 110 | 108 | 108 | 111 | 115 | 120 | 125 | 129 | 131 | 132 | 131 | 128 | 126 | 124 | 125 | 127   | 2939  | 122.5                  | 2:10           | 128   | 9:50           | 108   | 16:50          | 132 | 21:30          | 124 | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                                               | 130 | 133 | 135 | 136 | 135 | 132 | 126 | 119 | 113 | 109 | 107 | 107 | 109 | 112 | 116 | 120 | 122 | 122 | 120 | 117 | 113 | 111 | 109 | 109   | 2862  | 119.3                  | 3:05           | 136   | 10:45          | 107   | 16:35          | 122 | 22:35          | 109 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                                               | 112 | 116 | 119 | 121 | 121 | 120 | 118 | 114 | 109 | 104 | 101 | 100 | 102 | 105 | 109 | 113 | 117 | 118 | 117 | 115 | 113 | 112 | 112 | 112   | 2700  | 112.5                  | 3:45           | 121   | 11:10          | 100   | 17:10          | 118 | 22:30          | 112 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26                                               | 114 | 118 | 122 | 126 | 127 | 127 | 126 | 122 | 119 | 115 | 112 | 111 | 111 | 113 | 117 | 122 | 126 | 128 | 129 | 128 | 126 | 122 | 120 | 118   | 2899  | 120.8                  | 4:15           | 127   | 11:40          | 111   | 18:00          | 129 | —              | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27                                               | 117 | 118 | 121 | 124 | 127 | 128 | 128 | 126 | 123 | 119 | 118 | 117 | 118 | 120 | 124 | 129 | 133 | 135 | 136 | 135 | 133 | 130 | 127 | 125   | 3011  | 125.5                  | 5:20           | 128   | 0:00           | 117   | 17:55          | 136 | 11:00          | 117 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28                                               | 123 | 122 | 123 | 125 | 127 | 128 | 128 | 126 | 124 | 121 | 118 | 117 | 116 | 117 | 119 | 123 | 126 | 128 | 130 | 129 | 126 | 124 | 121 | 119   | 2960  | 123.3                  | 5:30           | 128   | 1:15           | 122   | 18:10          | 130 | 12:10          | 116 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29                                               | 118 | 118 | 120 | 123 | 127 | 131 | 133 | 134 | 134 | 133 | 130 | 129 | 129 | 131 | 133 | 136 | 139 | 142 | 145 | 146 | 146 | 145 | 141 | 137   | 3200  | 133.3                  | 7:30           | 134   | 0:30           | 118   | 19:20          | 146 | 11:45          | 129 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月                                              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 88312 | 126.9 |                        |                |       |                |       |                |     |                |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 月最高潮位 162 cm 14日 19:15                           |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       | 月最低潮位 100 cm 25日 11:10 |                |       |                |       |                |     |                |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

様式 2-1-1 潮位月表

潮位整理表

2016年3月

|              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |         |                   |         |                              |          |               |         |                 |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|---------|-------------------|---------|------------------------------|----------|---------------|---------|-----------------|--------|-----------------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|--|--|--|--|
|              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |         | 規定回数              |         | 744 回                        |          |               |         |                 |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
|              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |         | 測得回数              |         | 744 回                        |          |               |         |                 |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
|              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |         | 欠測回数              |         | 0 回                          | ( 0.0 %) |               |         |                 |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名：新潟港西港地区 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |         | 緯度：N 37° -56'-26" |         | 東京湾平均海面：+ 1.040 m (20150401) |          | 球分体：+ 3.191 m |         | 基本水準面：+ 1.170 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：<br>分 | cm                | 時：<br>分 | cm                           | 時：<br>分  | cm            | 時：<br>分 | cm              |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 1            | 134 | 131 | 130 | 131 | 133 | 135 | 137 | 139 | 139 | 138 | 135 | 131 | 129 | 128 | 129 | 132 | 134 | 135 | 136 | 136 | 135 | 133 | 130 | 127 | 3197  | 133.2 | 7:25    | 139               | 2:15    | 130                          | 18:20    | 136           | 12:45   | 128             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 2            | 124 | 122 | 121 | 120 | 120 | 122 | 124 | 125 | 127 | 128 | 128 | 129 | 129 | 129 | 130 | 131 | 132 | 133 | 133 | 133 | 133 | 131 | 129 | 126 | 3059  | 127.5 | —       | —                 | 3:30    | 120                          | 18:00    | 133           | —       | —               | 下<br>弦 |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 3            | 124 | 122 | 121 | 121 | 121 | 123 | 126 | 129 | 132 | 134 | 137 | 138 | 138 | 136 | 135 | 133 | 133 | 132 | 133 | 134 | 135 | 134 | 132 | 129 | 3132  | 130.5 | 11:30   | 138               | 3:15    | 121                          | 19:45    | 135           | 17:25   | 132             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 4            | 126 | 123 | 120 | 118 | 116 | 114 | 113 | 114 | 116 | 118 | 120 | 121 | 122 | 122 | 122 | 121 | 121 | 121 | 122 | 123 | 125 | 125 | 125 | 123 | 2891  | 120.5 | 12:30   | 122               | 6:00    | 113                          | 20:45    | 125           | 16:45   | 121             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 5            | 120 | 117 | 113 | 110 | 108 | 106 | 104 | 104 | 105 | 108 | 110 | 113 | 115 | 117 | 118 | 119 | 119 | 117 | 117 | 117 | 118 | 120 | 122 | 123 | 2740  | 114.2 | 15:10   | 119               | 6:45    | 104                          | 23:05    | 123           | 18:20   | 117             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 6            | 122 | 120 | 117 | 113 | 110 | 107 | 105 | 105 | 106 | 109 | 115 | 120 | 125 | 129 | 131 | 132 | 131 | 128 | 127 | 127 | 129 | 132 | 136 | 138 | 2914  | 121.4 | 15:00   | 132               | 7:20    | 105                          | 23:40    | 139           | 18:30   | 127             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 7            | 139 | 137 | 134 | 131 | 127 | 123 | 119 | 116 | 114 | 113 | 115 | 119 | 123 | 126 | 128 | 129 | 127 | 124 | 123 | 121 | 120 | 122 | 125 | 129 | 2984  | 124.3 | —       | —                 | 8:50    | 113                          | 14:45    | 129           | 20:00   | 120             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 8            | 132 | 134 | 133 | 131 | 125 | 120 | 115 | 111 | 109 | 108 | 110 | 114 | 118 | 124 | 127 | 129 | 129 | 127 | 124 | 122 | 121 | 121 | 122 | 125 | 2931  | 122.1 | 1:30    | 134               | 8:50    | 108                          | 15:35    | 129           | 20:35   | 121             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 9            | 129 | 133 | 134 | 131 | 128 | 121 | 114 | 109 | 105 | 103 | 102 | 102 | 107 | 114 | 118 | 117 | 117 | 117 | 113 | 107 | 105 | 104 | 105 | 109 | 2744  | 114.3 | 1:30    | 134               | 10:25   | 101                          | 14:20    | 118           | 21:15   | 104             | ●      |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 10           | 115 | 120 | 123 | 124 | 123 | 120 | 113 | 107 | 104 | 101 | 100 | 101 | 103 | 110 | 117 | 119 | 119 | 118 | 115 | 110 | 106 | 103 | 103 | 104 | 2678  | 111.6 | 3:05    | 124               | 10:05   | 100                          | 15:15    | 119           | 21:55   | 103             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 11           | 109 | 114 | 121 | 125 | 126 | 124 | 121 | 115 | 108 | 104 | 102 | 102 | 103 | 108 | 115 | 119 | 121 | 120 | 118 | 113 | 107 | 103 | 100 | 99  | 2697  | 112.4 | 3:30    | 126               | 11:05   | 102                          | 16:10    | 121           | 22:45   | 99              |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 12           | 101 | 104 | 111 | 118 | 121 | 121 | 120 | 117 | 112 | 107 | 104 | 103 | 103 | 106 | 111 | 117 | 121 | 121 | 119 | 115 | 110 | 104 | 99  | 97  | 2662  | 110.9 | 5:00    | 121               | 11:20   | 103                          | 16:45    | 121           | —       | —               |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 13           | 96  | 97  | 101 | 108 | 114 | 116 | 118 | 117 | 114 | 110 | 109 | 108 | 105 | 105 | 109 | 114 | 118 | 121 | 122 | 120 | 116 | 111 | 106 | 103 | 2658  | 110.8 | 6:15    | 118               | 0:00    | 96                           | 17:55    | 122           | 12:40   | 104             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 14           | 101 | 100 | 102 | 107 | 112 | 117 | 120 | 123 | 122 | 120 | 118 | 116 | 116 | 116 | 118 | 121 | 124 | 127 | 129 | 129 | 128 | 124 | 119 | 114 | 2823  | 117.6 | 7:25    | 123               | 0:50    | 100                          | 18:45    | 129           | 11:50   | 115             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 15           | 110 | 108 | 108 | 109 | 111 | 116 | 120 | 123 | 124 | 124 | 123 | 122 | 122 | 121 | 121 | 121 | 123 | 126 | 128 | 129 | 129 | 126 | 122 | 117 | 2883  | 120.1 | 8:20    | 124               | 1:40    | 108                          | 19:30    | 129           | 13:45   | 120             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 16           | 112 | 108 | 106 | 105 | 105 | 107 | 111 | 114 | 116 | 119 | 121 | 122 | 122 | 123 | 123 | 123 | 124 | 126 | 127 | 129 | 131 | 131 | 129 | 126 | 2860  | 119.2 | —       | —                 | 2:50    | 105                          | 20:25    | 131           | —       | —               | 上<br>弦 |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 17           | 122 | 119 | 116 | 113 | 111 | 110 | 112 | 114 | 116 | 119 | 122 | 124 | 124 | 124 | 125 | 125 | 125 | 125 | 126 | 127 | 128 | 129 | 129 | 127 | 2912  | 121.3 | —       | —                 | 4:40    | 110                          | 21:10    | 129           | —       | —               |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 18           | 125 | 122 | 118 | 115 | 112 | 111 | 110 | 112 | 114 | 118 | 122 | 127 | 129 | 130 | 131 | 131 | 131 | 131 | 131 | 132 | 133 | 135 | 137 | 139 | 2996  | 124.8 | —       | —                 | 5:45    | 110                          | 23:35    | 139           | —       | —               |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 19           | 139 | 137 | 135 | 132 | 130 | 127 | 126 | 127 | 128 | 131 | 135 | 139 | 142 | 144 | 144 | 144 | 143 | 142 | 141 | 141 | 141 | 142 | 143 | 144 | 3297  | 137.4 | 14:40   | 144               | 6:15    | 126                          | 23:50    | 144           | 19:30   | 141             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 20           | 144 | 143 | 141 | 137 | 133 | 129 | 126 | 124 | 124 | 125 | 127 | 131 | 135 | 137 | 136 | 136 | 135 | 134 | 133 | 132 | 132 | 133 | 135 | 137 | 3199  | 133.3 | —       | —                 | 7:50    | 124                          | 13:10    | 137           | 19:35   | 132             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 21           | 138 | 138 | 137 | 134 | 131 | 127 | 122 | 120 | 119 | 118 | 120 | 124 | 127 | 130 | 131 | 130 | 129 | 128 | 125 | 124 | 123 | 124 | 126 | 129 | 3054  | 127.3 | 0:50    | 138               | 8:35    | 118                          | 14:00    | 131           | 19:35   | 123             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 22           | 131 | 133 | 134 | 133 | 130 | 127 | 122 | 119 | 118 | 118 | 120 | 124 | 128 | 133 | 136 | 137 | 137 | 136 | 135 | 133 | 133 | 135 | 137 | 141 | 3130  | 130.4 | 1:50    | 134               | 8:25    | 118                          | 15:35    | 137           | 19:20   | 133             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 23           | 144 | 147 | 149 | 148 | 146 | 143 | 139 | 135 | 131 | 130 | 130 | 132 | 135 | 138 | 142 | 142 | 141 | 139 | 136 | 133 | 130 | 129 | 129 | 130 | 3298  | 137.4 | 2:15    | 149               | 9:20    | 130                          | 14:40    | 142           | 21:25   | 128             | ○      |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 24           | 133 | 137 | 139 | 140 | 139 | 136 | 133 | 129 | 125 | 123 | 122 | 123 | 126 | 130 | 133 | 134 | 133 | 132 | 129 | 124 | 120 | 118 | 118 | 121 | 3097  | 129.0 | 3:00    | 140               | 10:00   | 122                          | 15:00    | 134           | 21:35   | 118             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 25           | 124 | 126 | 130 | 134 | 135 | 132 | 130 | 127 | 125 | 123 | 122 | 123 | 127 | 130 | 133 | 136 | 136 | 134 | 131 | 127 | 123 | 121 | 120 | 120 | 3069  | 127.9 | 3:35    | 135               | 10:10   | 122                          | 15:25    | 136           | 22:20   | 120             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 26           | 122 | 125 | 129 | 133 | 135 | 135 | 134 | 131 | 128 | 125 | 124 | 124 | 125 | 129 | 132 | 135 | 136 | 135 | 133 | 129 | 125 | 122 | 119 | 119 | 3084  | 128.5 | 4:20    | 136               | 10:50   | 124                          | 16:10    | 136           | 23:15   | 119             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 27           | 119 | 122 | 125 | 129 | 131 | 132 | 132 | 131 | 128 | 126 | 125 | 124 | 125 | 127 | 130 | 133 | 134 | 135 | 133 | 130 | 126 | 122 | 118 | 116 | 3053  | 127.2 | 5:15    | 132               | 10:40   | 124                          | 16:50    | 135           | 23:55   | 115             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 28           | 115 | 117 | 121 | 125 | 128 | 130 | 131 | 131 | 130 | 128 | 126 | 126 | 126 | 127 | 130 | 133 | 135 | 135 | 134 | 132 | 128 | 124 | 120 | 118 | 3050  | 127.1 | 6:35    | 131               | 11:05   | 126                          | 16:35    | 135           | —       | —               |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 29           | 116 | 116 | 118 | 121 | 124 | 127 | 128 | 128 | 128 | 127 | 126 | 126 | 127 | 127 | 128 | 131 | 134 | 135 | 135 | 133 | 131 | 128 | 125 | 122 | 3041  | 126.7 | 6:55    | 128               | 0:40    | 116                          | 17:20    | 135           | 10:30   | 126             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 30           | 120 | 120 | 120 | 122 | 125 | 129 | 131 | 133 | 134 | 134 | 134 | 135 | 135 | 136 | 138 | 140 | 142 | 143 | 143 | 141 | 139 | 135 | 130 | 127 | 3186  | 132.8 | —       | —                 | 0:45    | 120                          | 17:40    | 143           | —       | —               |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 31           | 125 | 123 | 122 | 123 | 125 | 127 | 129 | 131 | 133 | 134 | 133 | 133 | 134 | 134 | 134 | 135 | 136 | 138 | 139 | 138 | 137 | 136 | 133 | 130 | 3162  | 131.8 | 9:20    | 134               | 1:55    | 122                          | 18:10    | 139           | 10:50   | 133             |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 92481 | 124.3 |         |                   |         |                              |          |               |         |                 |        |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 149 cm 23日 2:15 月最低潮位 96 cm 13日 0:00

様式 2-1-1 潮位月表

潮位整理表

2016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：新潟港西港地区 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |              | 緯度：N 37° -56'-26" |              | 東京湾平均海面：+ 1.045 m (20160401) |              | 球分体：+ 3.191 m |              | 基本水準面：+ 1.175 m |        | 検潮基準面：± 0.000 m |  | 経度：E 139° -03'-40" |  |  |  |  |  |  |  |  |  | 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 | 満<br>cm           | 干<br>時：<br>分 | 干<br>cm                      | 満<br>時：<br>分 | 満<br>cm       | 干<br>時：<br>分 | 干<br>cm         | 月<br>齢 |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 1            | 127 | 125 | 124 | 123 | 123 | 125 | 127 | 130 | 132 | 134 | 137 | 137 | 137 | 138 | 139 | 139 | 140 | 140 | 140 | 139 | 139 | 136 | 133 | 129 | 3193  | 133.0 | —            | —                 | 3:35         | 123                          | 17:20        | 140           | —            | —               | 下<br>弦 |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 2            | 126 | 123 | 120 | 117 | 116 | 116 | 117 | 119 | 121 | 124 | 127 | 128 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 131 | 131 | 129 | 128 | 3013  | 125.5 | 12:50        | 130               | 4:45         | 116                          | 20:30        | 131           | 14:25        | 129             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 3            | 126 | 123 | 121 | 118 | 115 | 114 | 115 | 117 | 120 | 124 | 128 | 130 | 131 | 131 | 130 | 130 | 129 | 127 | 127 | 127 | 128 | 130 | 132 | 133 | 3006  | 125.3 | 12:45        | 131               | 5:15         | 114                          | 22:55        | 133           | 18:15        | 127             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 4            | 131 | 129 | 128 | 126 | 124 | 122 | 122 | 122 | 124 | 127 | 129 | 132 | 134 | 133 | 131 | 129 | 127 | 124 | 122 | 121 | 123 | 124 | 127 | 129 | 3040  | 126.7 | 12:20        | 134               | 6:10         | 121                          | 23:45        | 130           | 18:45        | 121             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 5            | 130 | 128 | 126 | 122 | 118 | 114 | 110 | 109 | 110 | 113 | 117 | 122 | 125 | 127 | 127 | 127 | 125 | 122 | 121 | 120 | 120 | 122 | 126 | 130 | 2911  | 121.3 | —            | —                 | 6:55         | 109                          | 13:25        | 128           | 19:30        | 119             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 6            | 133 | 134 | 134 | 131 | 128 | 123 | 118 | 115 | 113 | 113 | 115 | 120 | 124 | 127 | 127 | 126 | 124 | 120 | 115 | 111 | 111 | 111 | 113 | 117 | 2903  | 121.0 | 1:05         | 134               | 8:30         | 113                          | 13:35        | 128           | 19:45        | 111             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 7            | 123 | 126 | 127 | 127 | 126 | 122 | 117 | 113 | 111 | 111 | 115 | 123 | 132 | 138 | 141 | 143 | 143 | 140 | 134 | 128 | 126 | 125 | 124 | 128 | 3043  | 126.8 | 3:00         | 127               | 8:25         | 111                          | 15:25        | 143           | 21:40        | 124             | ●      |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 8            | 134 | 140 | 143 | 143 | 142 | 140 | 136 | 131 | 127 | 126 | 125 | 126 | 131 | 136 | 139 | 139 | 138 | 135 | 131 | 124 | 118 | 116 | 115 | 116 | 3151  | 131.3 | 3:00         | 143               | 10:15        | 124                          | 14:50        | 139           | 22:05        | 115             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 9            | 121 | 129 | 135 | 139 | 141 | 141 | 138 | 134 | 130 | 128 | 127 | 127 | 131 | 137 | 143 | 146 | 147 | 144 | 140 | 135 | 129 | 123 | 121 | 121 | 3207  | 133.6 | 4:15         | 141               | 10:25        | 127                          | 15:50        | 147           | 22:30        | 120             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 10           | 123 | 129 | 136 | 143 | 147 | 149 | 149 | 147 | 144 | 141 | 139 | 137 | 139 | 142 | 146 | 150 | 151 | 150 | 147 | 142 | 136 | 130 | 127 | 124 | 3368  | 140.3 | 5:35         | 149               | 11:00        | 137                          | 15:55        | 151           | —            | —               |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 11           | 122 | 123 | 129 | 135 | 139 | 141 | 143 | 142 | 139 | 137 | 135 | 133 | 132 | 133 | 136 | 140 | 143 | 143 | 142 | 139 | 133 | 125 | 119 | 115 | 3218  | 134.1 | 6:20         | 143               | 0:10         | 122                          | 16:40        | 143           | 12:20        | 132             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 12           | 111 | 109 | 112 | 115 | 120 | 125 | 128 | 129 | 129 | 128 | 126 | 126 | 127 | 127 | 130 | 134 | 137 | 139 | 139 | 138 | 135 | 129 | 123 | 118 | 3034  | 126.4 | 8:05         | 129               | 0:50         | 109                          | 17:40        | 139           | 10:30        | 126             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 13           | 115 | 113 | 113 | 116 | 120 | 125 | 130 | 134 | 136 | 138 | 138 | 139 | 140 | 141 | 143 | 145 | 147 | 149 | 150 | 148 | 147 | 145 | 140 | 135 | 3247  | 135.3 | —            | —                 | 1:25         | 113                          | 17:45        | 150           | —            | —               |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 14           | 132 | 129 | 129 | 129 | 130 | 134 | 138 | 141 | 144 | 146 | 147 | 147 | 147 | 148 | 148 | 148 | 148 | 150 | 151 | 152 | 152 | 151 | 150 | 146 | 3437  | 143.2 | —            | —                 | 3:00         | 129                          | 19:35        | 152           | —            | —               | 上<br>弦 |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 15           | 142 | 138 | 135 | 133 | 133 | 135 | 138 | 140 | 142 | 142 | 143 | 143 | 142 | 140 | 138 | 137 | 135 | 134 | 134 | 135 | 135 | 135 | 133 | 132 | 3294  | 137.3 | 10:40        | 143               | 3:30         | 133                          | 19:50        | 135           | 17:35        | 134             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 16           | 130 | 127 | 124 | 122 | 120 | 119 | 119 | 121 | 124 | 127 | 130 | 132 | 134 | 134 | 133 | 133 | 133 | 133 | 133 | 134 | 136 | 137 | 139 | 141 | 3115  | 129.8 | 12:25        | 134               | 5:10         | 119                          | 23:35        | 141           | 17:10        | 133             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 17           | 141 | 137 | 135 | 136 | 135 | 133 | 137 | 141 | 144 | 146 | 148 | 154 | 163 | 165 | 163 | 162 | 160 | 156 | 155 | 158 | 159 | 159 | 160 | 161 | 3608  | 150.3 | —            | —                 | 4:50         | 133                          | 12:45        | 166           | 17:45        | 155             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 18           | 162 | 161 | 158 | 157 | 155 | 150 | 146 | 146 | 148 | 150 | 151 | 154 | 156 | 156 | 155 | 153 | 150 | 147 | 144 | 142 | 142 | 142 | 143 | 144 | 3612  | 150.5 | 0:00         | 162               | 6:30         | 146                          | 12:10        | 156           | 20:35        | 142             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 19           | 145 | 144 | 142 | 140 | 137 | 134 | 132 | 131 | 131 | 132 | 135 | 138 | 140 | 141 | 140 | 138 | 136 | 133 | 129 | 127 | 125 | 125 | 126 | 128 | 3229  | 134.5 | —            | —                 | 7:45         | 131                          | 12:55        | 141           | 20:45        | 125             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 20           | 130 | 131 | 132 | 130 | 127 | 124 | 121 | 120 | 119 | 120 | 121 | 124 | 127 | 129 | 130 | 128 | 126 | 122 | 120 | 118 | 117 | 118 | 120 | 124 | 2978  | 124.1 | 1:40         | 132               | 8:00         | 119                          | 13:40        | 130           | 20:25        | 117             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 21           | 128 | 131 | 134 | 134 | 132 | 130 | 128 | 127 | 127 | 127 | 129 | 133 | 137 | 141 | 142 | 141 | 141 | 139 | 135 | 133 | 133 | 134 | 136 | 140 | 3212  | 133.8 | 2:30         | 134               | 8:30         | 127                          | 13:55        | 142           | 19:05        | 133             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 22           | 145 | 148 | 151 | 153 | 152 | 150 | 148 | 145 | 143 | 142 | 142 | 143 | 145 | 147 | 148 | 147 | 145 | 143 | 138 | 132 | 129 | 128 | 128 | 130 | 3422  | 142.6 | 3:00         | 153               | 9:20         | 141                          | 13:40        | 148           | 21:45        | 128             | ○      |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 23           | 133 | 137 | 142 | 145 | 146 | 146 | 144 | 141 | 139 | 138 | 139 | 141 | 143 | 146 | 148 | 147 | 145 | 142 | 138 | 133 | 128 | 126 | 125 | 125 | 3337  | 139.0 | 4:05         | 146               | 8:50         | 138                          | 14:00        | 148           | 22:20        | 125             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 24           | 128 | 133 | 139 | 142 | 144 | 144 | 143 | 140 | 137 | 136 | 136 | 135 | 136 | 140 | 142 | 143 | 142 | 139 | 136 | 131 | 126 | 123 | 121 | 120 | 3256  | 135.7 | 4:25         | 144               | 11:05        | 135                          | 14:55        | 143           | 22:55        | 120             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 25           | 122 | 125 | 129 | 134 | 136 | 136 | 136 | 134 | 132 | 130 | 130 | 130 | 131 | 134 | 137 | 139 | 139 | 138 | 135 | 131 | 126 | 122 | 119 | 117 | 3142  | 130.9 | 5:20         | 136               | 10:45        | 130                          | 15:45        | 139           | 23:40        | 117             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 26           | 117 | 119 | 123 | 127 | 131 | 133 | 134 | 134 | 133 | 132 | 133 | 133 | 132 | 133 | 136 | 138 | 138 | 138 | 137 | 133 | 128 | 123 | 119 | 117 | 3121  | 130.0 | 6:25         | 134               | 9:25         | 132                          | 16:00        | 138           | —            | —               |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 27           | 115 | 115 | 119 | 123 | 127 | 128 | 130 | 131 | 130 | 129 | 129 | 129 | 129 | 130 | 132 | 135 | 135 | 134 | 131 | 128 | 124 | 119 | 116 | 114 | 3032  | 126.3 | 7:10         | 131               | 0:25         | 115                          | 15:45        | 135           | 11:40        | 129             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 28           | 111 | 110 | 113 | 117 | 120 | 123 | 126 | 129 | 130 | 130 | 132 | 134 | 135 | 137 | 140 | 142 | 144 | 146 | 147 | 145 | 142 | 139 | 135 | 132 | 3159  | 131.6 | —            | —                 | 0:50         | 110                          | 17:35        | 147           | —            | —               |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 29           | 130 | 129 | 130 | 133 | 135 | 139 | 143 | 145 | 146 | 147 | 147 | 147 | 146 | 146 | 147 | 148 | 149 | 150 | 150 | 149 | 147 | 144 | 140 | 136 | 3423  | 142.6 | 9:50         | 147               | 0:50         | 129                          | 17:45        | 150           | 12:30        | 146             |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 30           | 132 | 129 | 127 | 127 | 128 | 131 | 134 | 136 | 138 | 139 | 141 | 141 | 140 | 141 | 140 | 140 | 141 | 142 | 143 | 144 | 144 | 142 | 140 | 138 | 3298  | 137.4 | 10:20        | 141               | 2:30         | 127                          | 19:20        | 144           | 14:40        | 140             | 下<br>弦 |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |
| 計/月          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 96009 | 133.3 |              |                   |              |                              |              |               |              |                 |        |                 |  |                    |  |  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |

月最高潮位 166 cm 17日 12:45 月最低潮位 109 cm 5日 6:55

様式 2-1-1 潮位月表

潮位整理表

2016年5月

|              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       |                   |       |                              |          |               |       |                 |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|-------|-------------------|-------|------------------------------|----------|---------------|-------|-----------------|----|-----------------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|--|--|--|--|
|              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       | 規定回数              |       | 744 回                        |          |               |       |                 |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
|              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       | 測得回数              |       | 744 回                        |          |               |       |                 |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
|              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       | 欠測回数              |       | 0 回                          | ( 0.0 %) |               |       |                 |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名：新潟港西港地区 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       | 緯度：N 37° -56'-26" |       | 東京湾平均海面：+ 1.045 m (20160401) |          | 球分体：+ 3.191 m |       | 基本水準面：+ 1.175 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    | 満時：分  | 満cm               | 干時：分  | 干cm                          | 満時：分     | 満cm           | 干時：分  | 干cm             | 月齢 |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 日            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       |                   |       |                              |          |               |       |                 |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 1            | 135 | 133 | 132 | 131 | 131 | 132 | 135 | 138 | 141 | 144 | 146 | 146 | 146 | 146 | 144 | 143 | 142 | 141 | 140 | 141 | 142 | 141 | 140 | 137 | 3347   | 139.5 | 11:15 | 147               | 3:30  | 131                          | 20:10    | 142           | 17:35 | 140             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 2            | 134 | 132 | 129 | 125 | 123 | 123 | 124 | 126 | 128 | 131 | 133 | 134 | 133 | 132 | 132 | 130 | 129 | 128 | 127 | 128 | 130 | 131 | 132 | 132 | 3106   | 129.4 | 11:00 | 134               | 4:25  | 123                          | 22:50    | 133           | 18:00 | 127             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 3            | 131 | 127 | 125 | 123 | 121 | 120 | 120 | 122 | 126 | 132 | 137 | 140 | 142 | 144 | 144 | 142 | 140 | 140 | 138 | 139 | 142 | 145 | 150 | 154 | 3244   | 135.2 | 13:35 | 144               | 5:20  | 120                          | 23:55    | 155           | 18:20 | 138             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 4            | 155 | 155 | 154 | 151 | 147 | 145 | 143 | 142 | 144 | 148 | 152 | 157 | 159 | 161 | 160 | 157 | 153 | 150 | 148 | 147 | 147 | 150 | 155 | 159 | 3639   | 151.6 | —     | —                 | 6:40  | 142                          | 13:10    | 161           | 19:15 | 147             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 5            | 161 | 161 | 161 | 158 | 154 | 151 | 148 | 147 | 147 | 148 | 152 | 155 | 157 | 157 | 154 | 150 | 144 | 139 | 135 | 132 | 129 | 129 | 132 | 136 | 3537   | 147.4 | 1:00  | 161               | 7:30  | 146                          | 12:25    | 157           | 20:30 | 128             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 6            | 140 | 144 | 146 | 145 | 142 | 139 | 136 | 133 | 134 | 136 | 138 | 142 | 146 | 150 | 150 | 148 | 144 | 138 | 132 | 128 | 125 | 125 | 127 | 133 | 3321   | 138.4 | 2:20  | 146               | 7:20  | 133                          | 13:30    | 151           | 20:40 | 125             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 7            | 139 | 146 | 149 | 151 | 151 | 151 | 150 | 147 | 146 | 146 | 146 | 150 | 155 | 159 | 160 | 159 | 156 | 150 | 143 | 137 | 132 | 128 | 128 | 130 | 3509   | 146.2 | 4:25  | 151               | 9:20  | 145                          | 14:05    | 160           | 21:40 | 128             | ●  |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 8            | 135 | 142 | 147 | 150 | 150 | 149 | 146 | 144 | 141 | 139 | 137 | 138 | 141 | 145 | 148 | 149 | 146 | 142 | 137 | 130 | 123 | 118 | 115 | 115 | 3327   | 138.6 | 3:45  | 150               | 10:15 | 137                          | 14:45    | 149           | 22:30 | 115             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 9            | 118 | 123 | 130 | 136 | 139 | 140 | 141 | 139 | 136 | 135 | 134 | 134 | 136 | 140 | 144 | 146 | 147 | 145 | 142 | 136 | 129 | 123 | 119 | 116 | 3228   | 134.5 | 5:40  | 141               | 10:25 | 134                          | 15:40    | 147           | 23:30 | 116             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 10           | 116 | 119 | 126 | 133 | 138 | 141 | 144 | 144 | 143 | 142 | 141 | 141 | 142 | 143 | 147 | 151 | 153 | 153 | 150 | 146 | 140 | 132 | 127 | 123 | 3335   | 139.0 | 6:25  | 145               | 10:35 | 141                          | 16:35    | 153           | —     | —               |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 11           | 120 | 121 | 124 | 129 | 136 | 141 | 145 | 147 | 147 | 148 | 147 | 145 | 144 | 144 | 146 | 149 | 151 | 152 | 151 | 148 | 144 | 139 | 134 | 130 | 3382   | 140.9 | 9:00  | 148               | 0:20  | 120                          | 17:00    | 152           | 11:50 | 144             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 12           | 126 | 124 | 125 | 127 | 131 | 135 | 138 | 140 | 141 | 141 | 140 | 139 | 139 | 137 | 136 | 137 | 140 | 141 | 140 | 140 | 139 | 134 | 130 | 126 | 3246   | 135.3 | 8:50  | 141               | 1:10  | 124                          | 16:55    | 141           | 14:10 | 136             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 13           | 123 | 120 | 118 | 118 | 121 | 124 | 127 | 130 | 132 | 134 | 135 | 136 | 137 | 137 | 137 | 138 | 139 | 140 | 140 | 141 | 140 | 138 | 135 | 131 | 3171   | 132.1 | —     | —                 | 2:10  | 118                          | 19:10    | 141           | —     | —               |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 14           | 127 | 124 | 122 | 121 | 121 | 122 | 124 | 126 | 128 | 129 | 129 | 128 | 127 | 126 | 125 | 124 | 124 | 123 | 123 | 124 | 124 | 123 | 121 | 119 | 2984   | 124.3 | 9:55  | 129               | 2:50  | 121                          | 19:15    | 124           | 17:20 | 123             | 上弦 |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 15           | 116 | 114 | 113 | 113 | 112 | 113 | 115 | 117 | 120 | 122 | 124 | 126 | 126 | 126 | 127 | 126 | 126 | 127 | 128 | 128 | 129 | 130 | 131 | 131 | 2940   | 122.5 | 14:05 | 127               | 4:00  | 112                          | 22:25    | 131           | 15:35 | 126             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 16           | 129 | 127 | 126 | 126 | 125 | 125 | 126 | 129 | 133 | 136 | 139 | 142 | 143 | 143 | 143 | 143 | 142 | 141 | 140 | 141 | 141 | 141 | 141 | 141 | 3263   | 136.0 | 11:45 | 143               | 4:45  | 125                          | 20:15    | 141           | 18:15 | 140             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 17           | 141 | 139 | 138 | 136 | 134 | 134 | 134 | 135 | 137 | 139 | 140 | 141 | 141 | 139 | 137 | 135 | 131 | 129 | 127 | 126 | 127 | 129 | 131 | 133 | 3233   | 134.7 | 11:25 | 142               | 5:10  | 134                          | 23:45    | 134           | 19:00 | 126             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 18           | 134 | 133 | 132 | 131 | 129 | 127 | 127 | 127 | 128 | 130 | 132 | 134 | 135 | 134 | 133 | 130 | 127 | 124 | 122 | 120 | 120 | 121 | 124 | 127 | 3081   | 128.4 | —     | —                 | 6:25  | 127                          | 12:05    | 135           | 19:45 | 120             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 19           | 130 | 131 | 131 | 130 | 128 | 126 | 126 | 125 | 126 | 127 | 129 | 132 | 135 | 134 | 133 | 131 | 128 | 125 | 122 | 120 | 119 | 119 | 121 | 125 | 3053   | 127.2 | 1:35  | 131               | 7:00  | 125                          | 12:20    | 135           | 20:05 | 119             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 20           | 129 | 130 | 131 | 131 | 131 | 130 | 129 | 128 | 128 | 130 | 132 | 135 | 137 | 138 | 137 | 135 | 132 | 128 | 124 | 121 | 119 | 119 | 121 | 123 | 3098   | 129.1 | 2:25  | 131               | 7:00  | 128                          | 12:55    | 138           | 20:30 | 118             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 21           | 127 | 130 | 132 | 133 | 132 | 131 | 129 | 129 | 129 | 128 | 130 | 132 | 135 | 136 | 135 | 133 | 130 | 126 | 120 | 117 | 114 | 113 | 114 | 118 | 3053   | 127.2 | 3:15  | 133               | 8:50  | 128                          | 13:05    | 136           | 21:00 | 113             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 22           | 122 | 126 | 129 | 132 | 133 | 131 | 130 | 130 | 130 | 130 | 131 | 133 | 136 | 137 | 138 | 137 | 134 | 130 | 125 | 120 | 116 | 114 | 114 | 115 | 3073   | 128.0 | 3:35  | 133               | 8:45  | 129                          | 13:50    | 138           | 22:00 | 114             | ○  |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 23           | 119 | 123 | 128 | 131 | 133 | 132 | 132 | 131 | 131 | 130 | 131 | 133 | 135 | 138 | 139 | 140 | 139 | 136 | 131 | 126 | 121 | 118 | 116 | 117 | 3110   | 129.6 | 4:05  | 133               | 9:05  | 130                          | 15:15    | 140           | 22:15 | 116             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 24           | 120 | 124 | 129 | 133 | 136 | 138 | 138 | 137 | 135 | 135 | 135 | 135 | 138 | 141 | 143 | 144 | 144 | 142 | 138 | 133 | 129 | 125 | 123 | 122 | 3217   | 134.0 | 5:35  | 138               | 9:10  | 135                          | 15:35    | 144           | 22:50 | 122             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 25           | 123 | 127 | 132 | 137 | 140 | 143 | 145 | 144 | 142 | 141 | 140 | 140 | 140 | 142 | 145 | 147 | 147 | 146 | 143 | 138 | 133 | 129 | 125 | 122 | 3311   | 138.0 | 6:15  | 145               | 11:05 | 140                          | 15:25    | 147           | 23:35 | 121             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 26           | 121 | 124 | 128 | 132 | 136 | 139 | 141 | 141 | 140 | 140 | 140 | 139 | 140 | 142 | 145 | 147 | 148 | 149 | 147 | 143 | 139 | 134 | 131 | 129 | 3315   | 138.1 | 6:25  | 141               | 11:15 | 139                          | 16:45    | 149           | 23:50 | 128             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 27           | 128 | 129 | 132 | 134 | 137 | 141 | 144 | 146 | 146 | 145 | 146 | 146 | 145 | 146 | 146 | 148 | 149 | 149 | 148 | 145 | 142 | 137 | 132 | 129 | 3390   | 141.3 | 10:15 | 146               | 11:55 | 145                          | 16:35    | 149           | —     | —               |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 28           | 126 | 125 | 127 | 128 | 132 | 136 | 138 | 140 | 142 | 142 | 142 | 142 | 141 | 141 | 142 | 143 | 145 | 147 | 147 | 146 | 145 | 142 | 138 | 134 | 3331   | 138.8 | 8:20  | 142               | 0:45  | 125                          | 17:35    | 148           | 13:05 | 141             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 29           | 131 | 129 | 128 | 129 | 131 | 135 | 138 | 141 | 144 | 145 | 146 | 146 | 145 | 145 | 144 | 144 | 146 | 148 | 150 | 150 | 150 | 149 | 146 | 142 | 3402   | 141.8 | 10:00 | 146               | 1:40  | 128                          | 19:05    | 150           | 14:25 | 144             | 下弦 |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 30           | 138 | 136 | 134 | 133 | 135 | 137 | 141 | 144 | 147 | 149 | 150 | 150 | 148 | 147 | 146 | 145 | 144 | 145 | 146 | 148 | 148 | 148 | 147 | 144 | 3450   | 143.8 | 10:05 | 150               | 2:55  | 133                          | 20:10    | 148           | 16:00 | 144             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 31           | 141 | 139 | 136 | 135 | 134 | 135 | 137 | 140 | 143 | 145 | 147 | 148 | 148 | 147 | 145 | 143 | 142 | 142 | 143 | 145 | 149 | 151 | 152 | 152 | 3439   | 143.3 | 11:15 | 148               | 4:00  | 134                          | 22:35    | 152           | 16:20 | 142             |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 101135 | 135.9 |       |                   |       |                              |          |               |       |                 |    |                 |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 161 cm 4日 13:10 月最低潮位 112 cm 15日 4:00

様式 2-1-1 潮位月表

潮位整理表

2016年 6月

|                                                    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |             |        |             |              |             |     |             |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|-------------|--------|-------------|--------------|-------------|-----|-------------|-----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 球分体： + 3.191 m                                     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |             | 規定回数   |             | 720 回        |             |     |             |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 基本水準面： + 1.175 m                                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |             | 測得回数   |             | 720 回        |             |     |             |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 緯度： N 37° -56'-26" 東京湾平均海面： + 1.045 m (20160401)   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |             | 欠測回数   |             | 0 回 ( 0.0 %) |             |     |             |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名： 新潟港西港地区 経度： E 139° -03'-40" 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                                                  | 151 | 149 | 147 | 145 | 144 | 143 | 144 | 146 | 150 | 152 | 154 | 155 | 154 | 152 | 149 | 146 | 143 | 140 | 139 | 140 | 142 | 145 | 147 | 150 | 3527   | 147.0 | 11:10       | 155    | 4:35        | 143          | 23:50       | 151 | 18:10       | 139 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                                  | 151 | 149 | 146 | 144 | 143 | 142 | 142 | 142 | 144 | 147 | 149 | 150 | 151 | 149 | 145 | 140 | 136 | 132 | 129 | 128 | 129 | 132 | 136 | 140 | 3396   | 141.5 | 11:50       | 151    | 5:55        | 142          | —           | —   | 19:00       | 128 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                  | 143 | 144 | 143 | 141 | 139 | 137 | 136 | 136 | 137 | 140 | 144 | 147 | 149 | 149 | 147 | 143 | 138 | 133 | 129 | 125 | 124 | 126 | 130 | 136 | 3316   | 138.2 | 1:05        | 144    | 6:50        | 136          | 12:35       | 150 | 19:50       | 124 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                  | 140 | 143 | 145 | 145 | 143 | 142 | 142 | 141 | 142 | 143 | 147 | 151 | 153 | 155 | 155 | 152 | 146 | 140 | 134 | 129 | 126 | 125 | 127 | 132 | 3398   | 141.6 | 2:30        | 145    | 7:10        | 141          | 13:35       | 155 | 20:50       | 125 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                  | 138 | 143 | 147 | 149 | 148 | 146 | 144 | 143 | 142 | 141 | 143 | 146 | 149 | 151 | 152 | 150 | 146 | 139 | 131 | 125 | 120 | 116 | 115 | 117 | 3341   | 139.2 | 3:15        | 149    | 9:00        | 141          | 13:40       | 152 | 21:55       | 115 | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                                  | 122 | 127 | 133 | 136 | 137 | 138 | 136 | 134 | 134 | 133 | 134 | 137 | 140 | 145 | 147 | 147 | 145 | 140 | 133 | 126 | 120 | 116 | 113 | 113 | 3186   | 132.8 | 4:45        | 138    | 9:10        | 133          | 14:10       | 147 | 22:40       | 112 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                                  | 116 | 122 | 129 | 135 | 138 | 140 | 141 | 140 | 139 | 140 | 140 | 140 | 142 | 147 | 150 | 151 | 151 | 148 | 143 | 137 | 130 | 125 | 121 | 119 | 3284   | 136.8 | 5:40        | 141    | 8:00        | 139          | 15:25       | 151 | 23:15       | 119 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                                  | 120 | 124 | 130 | 136 | 140 | 143 | 145 | 145 | 144 | 143 | 143 | 143 | 144 | 147 | 150 | 153 | 155 | 154 | 151 | 146 | 140 | 134 | 129 | 126 | 3385   | 141.0 | 6:25        | 145    | 11:00       | 143          | 16:15       | 155 | —           | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                                  | 124 | 125 | 128 | 134 | 139 | 143 | 146 | 148 | 147 | 146 | 146 | 146 | 146 | 147 | 148 | 149 | 152 | 153 | 151 | 148 | 143 | 136 | 131 | 128 | 3404   | 141.8 | 7:10        | 148    | 0:10        | 124          | 16:50       | 153 | 11:50       | 146 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                                 | 124 | 123 | 125 | 127 | 131 | 135 | 138 | 139 | 140 | 139 | 139 | 139 | 138 | 138 | 139 | 141 | 142 | 143 | 143 | 142 | 139 | 135 | 131 | 128 | 3258   | 135.8 | 7:50        | 140    | 0:55        | 123          | 17:30       | 144 | 12:25       | 138 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                                 | 126 | 123 | 123 | 125 | 128 | 131 | 135 | 137 | 139 | 139 | 138 | 138 | 138 | 138 | 137 | 138 | 140 | 142 | 142 | 143 | 142 | 139 | 136 | 133 | 3250   | 135.4 | 8:50        | 139    | 1:30        | 122          | 19:15       | 143 | 14:00       | 137 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                                                 | 130 | 127 | 126 | 127 | 129 | 132 | 135 | 137 | 139 | 141 | 142 | 141 | 141 | 142 | 141 | 141 | 142 | 143 | 143 | 145 | 144 | 143 | 142 | 140 | 3313   | 138.0 | 9:50        | 142    | 2:00        | 126          | 19:15       | 145 | 14:35       | 141 | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                                                 | 138 | 137 | 136 | 135 | 137 | 138 | 141 | 145 | 148 | 148 | 149 | 149 | 148 | 147 | 147 | 147 | 146 | 146 | 146 | 147 | 148 | 148 | 148 | 147 | 3466   | 144.4 | 10:50       | 149    | 2:30        | 135          | 20:55       | 148 | 17:30       | 146 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                                                 | 146 | 144 | 143 | 143 | 143 | 143 | 145 | 146 | 149 | 150 | 152 | 152 | 150 | 148 | 146 | 144 | 142 | 141 | 141 | 141 | 142 | 144 | 145 | 145 | 3485   | 145.2 | 10:25       | 152    | 3:30        | 142          | 22:05       | 145 | 17:25       | 141 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                                                 | 145 | 144 | 142 | 142 | 141 | 140 | 141 | 143 | 144 | 145 | 147 | 147 | 146 | 144 | 142 | 140 | 138 | 135 | 134 | 135 | 136 | 137 | 140 | 141 | 3389   | 141.2 | 10:35       | 147    | 5:05        | 140          | —           | —   | 18:00       | 134 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                                                 | 142 | 142 | 141 | 140 | 141 | 141 | 141 | 144 | 147 | 148 | 150 | 152 | 152 | 152 | 151 | 148 | 145 | 142 | 140 | 140 | 141 | 142 | 144 | 147 | 3473   | 144.7 | 0:45        | 142    | 2:50        | 140          | 11:15       | 152 | 18:50       | 140 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                                                 | 150 | 152 | 152 | 152 | 151 | 151 | 151 | 153 | 154 | 155 | 158 | 159 | 158 | 157 | 155 | 152 | 148 | 145 | 142 | 141 | 140 | 141 | 143 | 147 | 3607   | 150.3 | 1:55        | 152    | 5:10        | 151          | 10:55       | 159 | 20:05       | 140 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                                                 | 149 | 150 | 151 | 151 | 150 | 150 | 150 | 149 | 149 | 149 | 151 | 153 | 153 | 152 | 151 | 148 | 144 | 140 | 136 | 133 | 132 | 131 | 133 | 136 | 3491   | 145.5 | 2:35        | 151    | 8:25        | 148          | 11:10       | 153 | 20:45       | 131 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                                                 | 140 | 142 | 143 | 145 | 145 | 143 | 143 | 143 | 144 | 144 | 146 | 149 | 151 | 151 | 151 | 149 | 146 | 140 | 134 | 130 | 129 | 129 | 130 | 136 | 3403   | 141.8 | 3:25        | 145    | 5:45        | 143          | 13:05       | 151 | 20:50       | 129 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                                                 | 141 | 144 | 146 | 149 | 151 | 151 | 150 | 150 | 151 | 153 | 155 | 156 | 159 | 161 | 160 | 159 | 156 | 151 | 144 | 140 | 137 | 135 | 135 | 138 | 3572   | 148.8 | 4:30        | 151    | 6:35        | 150          | 13:20       | 161 | 21:25       | 134 | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21                                                 | 142 | 146 | 150 | 152 | 155 | 156 | 154 | 153 | 154 | 153 | 154 | 157 | 160 | 161 | 162 | 161 | 158 | 153 | 147 | 141 | 136 | 132 | 131 | 132 | 3600   | 150.0 | 4:55        | 156    | 6:55        | 153          | 13:45       | 162 | 22:00       | 131 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                                                 | 135 | 139 | 144 | 148 | 149 | 150 | 150 | 149 | 148 | 148 | 147 | 149 | 152 | 153 | 155 | 156 | 155 | 151 | 147 | 141 | 136 | 132 | 129 | 129 | 3492   | 145.5 | 5:35        | 150    | 9:55        | 147          | 15:10       | 156 | 22:45       | 129 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23                                                 | 131 | 135 | 141 | 145 | 148 | 151 | 152 | 151 | 150 | 150 | 150 | 150 | 151 | 154 | 156 | 158 | 158 | 156 | 150 | 145 | 139 | 134 | 130 | 126 | 3511   | 146.3 | 6:05        | 152    | 10:10       | 150          | 15:40       | 158 | 23:30       | 126 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                                                 | 127 | 130 | 135 | 139 | 143 | 146 | 147 | 146 | 144 | 144 | 145 | 146 | 147 | 148 | 152 | 155 | 157 | 157 | 155 | 151 | 147 | 142 | 138 | 137 | 3478   | 144.9 | 5:55        | 147    | 8:50        | 144          | 16:20       | 157 | 23:50       | 136 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                                                 | 136 | 138 | 143 | 148 | 152 | 156 | 158 | 161 | 161 | 159 | 158 | 159 | 158 | 159 | 163 | 165 | 168 | 169 | 168 | 165 | 160 | 155 | 151 | 148 | 3758   | 156.6 | 7:30        | 161    | 9:35        | 158          | 16:55       | 169 | —           | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26                                                 | 145 | 145 | 147 | 151 | 155 | 158 | 161 | 161 | 161 | 159 | 156 | 154 | 153 | 152 | 153 | 154 | 156 | 157 | 157 | 156 | 153 | 149 | 144 | 140 | 3677   | 153.2 | 6:55        | 161    | 0:55        | 145          | 17:35       | 157 | 13:00       | 152 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27                                                 | 138 | 135 | 135 | 136 | 138 | 142 | 145 | 146 | 147 | 146 | 144 | 142 | 140 | 140 | 139 | 141 | 143 | 144 | 146 | 148 | 147 | 144 | 142 | 139 | 3407   | 142.0 | 7:45        | 147    | 1:55        | 135          | 19:10       | 148 | 13:55       | 139 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28                                                 | 137 | 134 | 131 | 132 | 133 | 136 | 140 | 144 | 146 | 147 | 147 | 146 | 144 | 142 | 139 | 138 | 138 | 139 | 140 | 142 | 143 | 142 | 141 | 139 | 3360   | 140.0 | 9:35        | 147    | 2:25        | 131          | 20:05       | 143 | 15:25       | 138 | 下<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29                                                 | 137 | 134 | 134 | 133 | 133 | 134 | 137 | 139 | 142 | 142 | 142 | 142 | 141 | 137 | 134 | 132 | 129 | 128 | 131 | 132 | 133 | 136 | 135 | 136 | 3253   | 135.5 | 8:50        | 142    | 3:40        | 133          | 21:20       | 136 | 16:40       | 128 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                                                 | 136 | 134 | 132 | 132 | 131 | 132 | 135 | 137 | 140 | 142 | 143 | 143 | 140 | 137 | 134 | 130 | 127 | 124 | 124 | 125 | 128 | 132 | 135 | 137 | 3210   | 133.8 | 10:10       | 143    | 4:15        | 131          | —           | —   | 18:00       | 124 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月                                                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 102690 | 142.6 |             |        |             |              |             |     |             |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 169 cm 25日 16:55 月最低潮位 112 cm 6日 22:40

様式 2-1-1 潮位月表

潮位整理表

2016年 7月

|                                                    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                  |       |              |       |              |       |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
|----------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------|-------|--------------|-------|--------------|-------|--------------|-----|--------------|-----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------------------|--|--|--|
| 球分体： + 3.191 m                                     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                  |       |              | 規定回数  |              | 744 回 |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 基本水準面： + 1.175 m                                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                  |       |              | 測得回数  |              | 744 回 |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 緯度： N 37° -56'-26" 東京湾平均海面： + 1.045 m (20160401)   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                  |       |              | 欠測回数  |              | 0 回   | ( 0.0 %)     |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 観測所名： 新潟港西港地区 経度： E 139° -03'-40" 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                                                  | 139 | 138 | 138 | 138 | 138 | 137 | 138 | 140 | 142 | 145 | 147 | 147 | 146 | 142 | 138 | 133 | 130 | 127 | 125 | 123 | 125 | 129 | 132 | 136 | 3273             | 136.4 | 0:15         | 139   | 5:05         | 137   | 10:45        | 147 | 19:00        | 123 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 2                                                  | 140 | 141 | 142 | 141 | 141 | 142 | 142 | 143 | 145 | 148 | 151 | 154 | 156 | 155 | 153 | 149 | 144 | 138 | 135 | 133 | 132 | 134 | 137 | 142 | 3438             | 143.3 | 2:05         | 142   | 3:45         | 141   | 12:20        | 156 | 19:50        | 132 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 3                                                  | 147 | 150 | 153 | 153 | 153 | 154 | 155 | 156 | 156 | 157 | 160 | 162 | 164 | 164 | 162 | 158 | 152 | 145 | 139 | 135 | 132 | 131 | 133 | 138 | 3609             | 150.4 | —            | —     | —            | —     | 12:40        | 165 | 21:00        | 131 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 4                                                  | 144 | 148 | 151 | 153 | 153 | 151 | 151 | 151 | 152 | 153 | 156 | 158 | 163 | 165 | 164 | 161 | 157 | 151 | 144 | 139 | 134 | 132 | 131 | 134 | 3596             | 149.8 | 3:25         | 153   | 6:00         | 151   | 13:00        | 165 | 21:50        | 131 | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 5                                                  | 139 | 143 | 147 | 150 | 152 | 151 | 149 | 148 | 147 | 147 | 147 | 149 | 151 | 155 | 156 | 154 | 151 | 146 | 139 | 132 | 126 | 122 | 121 | 122 | 3444             | 143.5 | 4:05         | 152   | 8:55         | 147   | 13:55        | 156 | 22:05        | 121 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 6                                                  | 126 | 132 | 137 | 141 | 143 | 145 | 145 | 143 | 143 | 143 | 143 | 145 | 149 | 153 | 156 | 156 | 156 | 153 | 148 | 141 | 136 | 131 | 128 | 127 | 3420             | 142.5 | 5:25         | 145   | 8:55         | 143   | 14:50        | 156 | 22:55        | 127 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 7                                                  | 128 | 132 | 138 | 142 | 145 | 147 | 147 | 146 | 145 | 143 | 143 | 143 | 144 | 146 | 150 | 151 | 151 | 150 | 145 | 139 | 134 | 129 | 124 | 121 | 3383             | 141.0 | 5:40         | 147   | 9:45         | 143   | 15:30        | 151 | 23:45        | 121 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 8                                                  | 121 | 122 | 127 | 131 | 135 | 138 | 139 | 139 | 138 | 138 | 137 | 137 | 137 | 138 | 142 | 145 | 146 | 147 | 145 | 141 | 136 | 131 | 127 | 125 | 3262             | 135.9 | 6:25         | 139   | 11:45        | 137   | 16:45        | 147 | —            | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 9                                                  | 123 | 123 | 126 | 131 | 136 | 139 | 142 | 143 | 143 | 142 | 142 | 142 | 143 | 144 | 146 | 149 | 152 | 153 | 153 | 151 | 148 | 144 | 140 | 138 | 3393             | 141.4 | 7:20         | 143   | 0:35         | 123   | 17:15        | 153 | 9:55         | 142 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 10                                                 | 135 | 134 | 135 | 138 | 142 | 145 | 148 | 149 | 150 | 149 | 149 | 148 | 148 | 147 | 148 | 149 | 151 | 152 | 153 | 153 | 152 | 149 | 146 | 144 | 3514             | 146.4 | 7:55         | 150   | 1:00         | 134   | 18:30        | 153 | 13:10        | 147 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 11                                                 | 143 | 141 | 141 | 143 | 145 | 148 | 151 | 152 | 152 | 152 | 150 | 149 | 148 | 146 | 145 | 146 | 147 | 148 | 149 | 150 | 149 | 147 | 145 | 144 | 3531             | 147.1 | 8:05         | 152   | 1:20         | 140   | 18:55        | 150 | 14:10        | 145 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 12                                                 | 142 | 141 | 141 | 142 | 144 | 146 | 148 | 151 | 152 | 152 | 151 | 150 | 148 | 148 | 148 | 146 | 146 | 148 | 148 | 149 | 150 | 150 | 149 | 150 | 3540             | 147.5 | 8:35         | 152   | 1:30         | 141   | 20:10        | 150 | 15:25        | 146 | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 13                                                 | 148 | 147 | 148 | 148 | 149 | 152 | 154 | 157 | 159 | 159 | 158 | 158 | 156 | 154 | 152 | 151 | 150 | 151 | 152 | 153 | 155 | 156 | 156 | 157 | 3680             | 153.3 | 8:30         | 159   | 0:55         | 147   | —            | —   | 15:50        | 150 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 14                                                 | 158 | 157 | 157 | 158 | 158 | 159 | 161 | 163 | 164 | 165 | 166 | 166 | 164 | 162 | 160 | 158 | 157 | 156 | 155 | 156 | 157 | 158 | 160 | 161 | 3836             | 159.8 | 10:35        | 166   | —            | —     | —            | —   | 17:45        | 155 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 15                                                 | 162 | 161 | 162 | 162 | 162 | 162 | 162 | 163 | 164 | 166 | 167 | 166 | 165 | 162 | 159 | 157 | 154 | 151 | 149 | 149 | 149 | 151 | 153 | 154 | 3812             | 158.8 | 10:10        | 167   | —            | —     | —            | —   | 19:00        | 149 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 16                                                 | 156 | 156 | 158 | 158 | 157 | 157 | 158 | 158 | 159 | 161 | 162 | 163 | 163 | 161 | 158 | 154 | 150 | 147 | 145 | 143 | 144 | 146 | 149 | 152 | 3715             | 154.8 | 2:35         | 158   | 4:30         | 157   | 11:10        | 163 | 19:15        | 143 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 17                                                 | 155 | 156 | 157 | 157 | 157 | 158 | 159 | 159 | 159 | 160 | 161 | 162 | 162 | 161 | 159 | 155 | 151 | 147 | 144 | 141 | 140 | 141 | 143 | 147 | 3691             | 153.8 | 11:50        | 162   | —            | —     | —            | —   | 19:55        | 140 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 18                                                 | 150 | 152 | 154 | 155 | 154 | 153 | 153 | 154 | 155 | 156 | 158 | 160 | 161 | 161 | 158 | 154 | 151 | 145 | 140 | 137 | 134 | 134 | 135 | 139 | 3603             | 150.1 | 3:05         | 155   | 5:15         | 153   | 12:20        | 161 | 20:35        | 134 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 19                                                 | 143 | 146 | 148 | 150 | 150 | 150 | 149 | 149 | 149 | 150 | 152 | 154 | 157 | 158 | 157 | 153 | 149 | 144 | 139 | 134 | 131 | 129 | 129 | 132 | 3502             | 145.9 | 3:50         | 150   | 6:55         | 149   | 13:05        | 158 | 21:20        | 129 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 20                                                 | 137 | 140 | 143 | 145 | 146 | 146 | 145 | 144 | 143 | 143 | 143 | 146 | 149 | 151 | 152 | 150 | 147 | 142 | 135 | 129 | 125 | 122 | 120 | 121 | 3364             | 140.2 | 4:35         | 146   | 9:10         | 143   | 13:50        | 152 | 22:10        | 120 | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 21                                                 | 125 | 130 | 134 | 137 | 139 | 139 | 138 | 137 | 136 | 136 | 137 | 139 | 143 | 146 | 148 | 148 | 147 | 143 | 137 | 131 | 126 | 122 | 120 | 120 | 3258             | 135.8 | 4:35         | 139   | 8:00         | 136   | 14:55        | 148 | 22:30        | 119 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 22                                                 | 123 | 127 | 132 | 137 | 140 | 141 | 141 | 139 | 139 | 139 | 139 | 139 | 142 | 146 | 149 | 150 | 151 | 149 | 144 | 138 | 132 | 127 | 123 | 122 | 3309             | 137.9 | 5:20         | 141   | 8:10         | 139   | 15:55        | 151 | 23:20        | 121 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 23                                                 | 122 | 125 | 130 | 135 | 138 | 140 | 140 | 139 | 137 | 136 | 135 | 135 | 137 | 140 | 144 | 146 | 148 | 147 | 145 | 140 | 134 | 129 | 125 | 122 | 3269             | 136.2 | 5:45         | 140   | 10:50        | 135   | 16:20        | 148 | —            | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 24                                                 | 121 | 122 | 126 | 131 | 135 | 137 | 139 | 138 | 136 | 135 | 134 | 133 | 133 | 135 | 137 | 141 | 144 | 145 | 144 | 141 | 137 | 132 | 128 | 126 | 3230             | 134.6 | 6:10         | 139   | 0:00         | 121   | 17:00        | 145 | 11:30        | 132 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 25                                                 | 124 | 123 | 126 | 130 | 135 | 138 | 141 | 141 | 140 | 138 | 136 | 135 | 133 | 134 | 135 | 139 | 142 | 144 | 145 | 145 | 142 | 138 | 135 | 133 | 3272             | 136.3 | 6:50         | 141   | 0:35         | 123   | 18:15        | 145 | 12:10        | 133 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 26                                                 | 132 | 130 | 131 | 134 | 138 | 143 | 146 | 147 | 147 | 144 | 142 | 140 | 138 | 136 | 136 | 138 | 141 | 145 | 147 | 148 | 148 | 147 | 145 | 143 | 3386             | 141.1 | 7:25         | 147   | 1:05         | 130   | 19:30        | 149 | 13:45        | 135 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 27                                                 | 141 | 140 | 140 | 141 | 144 | 148 | 151 | 154 | 155 | 154 | 152 | 149 | 147 | 145 | 143 | 142 | 143 | 146 | 148 | 150 | 152 | 152 | 151 | 150 | 3538             | 147.4 | 8:10         | 155   | 1:30         | 140   | 20:40        | 152 | 14:50        | 142 | 下<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 28                                                 | 149 | 148 | 147 | 147 | 148 | 151 | 154 | 157 | 158 | 159 | 158 | 156 | 153 | 150 | 146 | 143 | 142 | 143 | 144 | 146 | 149 | 151 | 153 | 153 | 3605             | 150.2 | 9:10         | 159   | 2:15         | 147   | 23:05        | 153 | 16:05        | 142 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 29                                                 | 153 | 152 | 152 | 152 | 152 | 154 | 156 | 158 | 160 | 161 | 161 | 160 | 157 | 153 | 149 | 146 | 143 | 141 | 140 | 141 | 144 | 147 | 150 | 152 | 3634             | 151.4 | 9:25         | 161   | 3:30         | 152   | —            | —   | 18:00        | 140 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 30                                                 | 153 | 154 | 154 | 154 | 154 | 154 | 154 | 155 | 158 | 160 | 161 | 161 | 160 | 157 | 153 | 148 | 144 | 141 | 138 | 137 | 139 | 142 | 146 | 150 | 3627             | 151.1 | 10:10        | 161   | —            | —     | —            | —   | 18:40        | 137 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 31                                                 | 153 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 157 | 159 | 161 | 163 | 163 | 161 | 158 | 154 | 149 | 144 | 139 | 137 | 137 | 139 | 142 | 147 | 3648             | 152.0 | 11:40        | 163   | —            | —     | —            | —   | 19:30        | 137 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 計/月                                                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 108382           | 145.7 |              |       |              |       |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |  |  |  |
| 月最高潮位                                              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 167 cm 15日 10:10 |       |              |       | 月最低潮位        |       |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 119 cm 21日 22:30 |  |  |  |

樣式 2-1-1 潮位月表

潮位整理表

2016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： + 3.191 m                                     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                       |       |              |        |              |       |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 基本水準面： + 1.175 m                                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                       |       |              |        |              |       |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 緯度： N 37° -56'-26" 東京湾平均海面： + 1.045 m (20160401)   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                       |       |              |        |              |       |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名： 新潟港西港地区 経度： E 139° -03'-40" 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  | 満<br>時：<br>分 | cm  | 月<br>齢 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                                                  | 151 | 154 | 155 | 156 | 156 | 156 | 156 | 156 | 156 | 157 | 160 | 163 | 165 | 165 | 163 | 160 | 154 | 148 | 143 | 139 | 136 | 136 | 138 | 143 | 3666                  | 152.8 | —            | —      | —            | —     | 12:10        | 165 | 20:40        | 136 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                                  | 147 | 151 | 153 | 155 | 154 | 153 | 153 | 152 | 152 | 153 | 155 | 158 | 161 | 163 | 162 | 160 | 156 | 150 | 144 | 139 | 136 | 134 | 134 | 137 | 3612                  | 150.5 | 3:15         | 155    | 7:35         | 152   | 13:05        | 163 | 21:30        | 134 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                  | 141 | 147 | 151 | 152 | 153 | 153 | 152 | 151 | 150 | 151 | 152 | 154 | 158 | 161 | 162 | 161 | 158 | 153 | 147 | 141 | 136 | 133 | 132 | 132 | 3581                  | 149.2 | 4:35         | 153    | 8:10         | 150   | 14:15        | 162 | 22:20        | 132 | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                  | 136 | 141 | 146 | 148 | 150 | 150 | 149 | 147 | 146 | 145 | 146 | 147 | 150 | 153 | 156 | 156 | 155 | 152 | 147 | 141 | 136 | 132 | 130 | 129 | 3488                  | 145.3 | 4:40         | 150    | 9:00         | 145   | 14:55        | 156 | 22:45        | 129 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                  | 131 | 135 | 140 | 143 | 145 | 147 | 146 | 145 | 143 | 142 | 142 | 143 | 145 | 148 | 152 | 154 | 154 | 153 | 149 | 144 | 139 | 135 | 132 | 130 | 3437                  | 143.2 | 5:20         | 147    | 9:15         | 142   | 15:40        | 154 | 23:25        | 130 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                                  | 130 | 133 | 138 | 142 | 145 | 146 | 147 | 145 | 142 | 141 | 140 | 139 | 140 | 143 | 147 | 150 | 152 | 152 | 151 | 148 | 143 | 139 | 136 | 134 | 3423                  | 142.6 | 5:40         | 147    | 11:00        | 139   | 16:30        | 152 | 23:55        | 133 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                                  | 133 | 134 | 138 | 142 | 145 | 147 | 148 | 147 | 145 | 143 | 142 | 141 | 141 | 142 | 145 | 147 | 150 | 151 | 152 | 150 | 146 | 143 | 140 | 138 | 3450                  | 143.8 | 5:55         | 148    | 11:55        | 141   | 17:45        | 152 | —            | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                                  | 137 | 137 | 140 | 144 | 148 | 151 | 152 | 152 | 150 | 148 | 147 | 146 | 145 | 146 | 148 | 151 | 154 | 156 | 157 | 157 | 155 | 153 | 152 | 151 | 3577                  | 149.0 | 6:25         | 152    | 0:10         | 137   | 18:30        | 158 | 12:10        | 145 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                                  | 150 | 150 | 151 | 153 | 157 | 159 | 161 | 161 | 160 | 158 | 156 | 154 | 152 | 150 | 150 | 151 | 152 | 153 | 153 | 153 | 153 | 151 | 149 | 148 | 3685                  | 153.5 | 6:50         | 161    | 0:55         | 150   | 19:05        | 153 | 13:50        | 150 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                                 | 147 | 147 | 146 | 148 | 151 | 153 | 155 | 155 | 154 | 153 | 151 | 149 | 147 | 146 | 145 | 145 | 146 | 147 | 148 | 149 | 149 | 149 | 149 | 148 | 3577                  | 149.0 | 7:00         | 155    | 1:40         | 146   | 20:30        | 149 | 14:50        | 145 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                                 | 148 | 148 | 148 | 149 | 151 | 153 | 154 | 155 | 155 | 154 | 152 | 150 | 148 | 146 | 145 | 144 | 144 | 144 | 146 | 147 | 148 | 149 | 149 | 149 | 3576                  | 149.0 | 7:55         | 155    | 0:05         | 148   | —            | —   | 15:35        | 144 | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                                                 | 149 | 150 | 150 | 150 | 151 | 152 | 154 | 155 | 155 | 155 | 155 | 153 | 150 | 148 | 146 | 144 | 143 | 143 | 143 | 144 | 146 | 148 | 149 | 150 | 3583                  | 149.3 | 7:50         | 155    | —            | —     | —            | —   | 17:05        | 143 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                                                 | 152 | 152 | 152 | 152 | 153 | 154 | 154 | 156 | 157 | 158 | 158 | 157 | 155 | 152 | 150 | 147 | 144 | 143 | 143 | 143 | 144 | 147 | 149 | 151 | 3623                  | 151.0 | 9:40         | 158    | —            | —     | —            | —   | 18:35        | 143 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                                                 | 152 | 153 | 153 | 154 | 154 | 154 | 155 | 156 | 157 | 157 | 158 | 159 | 158 | 155 | 153 | 149 | 146 | 143 | 143 | 142 | 143 | 145 | 148 | 151 | 3638                  | 151.6 | 10:40        | 159    | —            | —     | —            | —   | 19:05        | 142 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                                                 | 153 | 155 | 156 | 157 | 157 | 156 | 157 | 159 | 159 | 160 | 162 | 163 | 162 | 161 | 158 | 155 | 151 | 148 | 145 | 144 | 143 | 145 | 149 | 152 | 3707                  | 154.5 | 3:30         | 157    | 5:00         | 156   | 11:00        | 163 | 19:55        | 143 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                                                 | 155 | 157 | 159 | 159 | 159 | 159 | 159 | 160 | 161 | 163 | 165 | 168 | 169 | 167 | 165 | 162 | 157 | 153 | 149 | 146 | 145 | 145 | 148 | 152 | 3782                  | 157.6 | 3:20         | 159    | 5:20         | 158   | 11:55        | 169 | 20:10        | 145 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                                                 | 156 | 159 | 161 | 162 | 162 | 161 | 161 | 162 | 162 | 162 | 164 | 168 | 169 | 168 | 167 | 164 | 158 | 153 | 148 | 144 | 141 | 139 | 141 | 145 | 3777                  | 157.4 | 3:15         | 162    | 5:10         | 161   | 12:05        | 169 | 21:05        | 139 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                                                 | 149 | 154 | 157 | 159 | 159 | 157 | 156 | 156 | 156 | 156 | 158 | 161 | 163 | 165 | 165 | 164 | 160 | 154 | 149 | 144 | 139 | 137 | 137 | 140 | 3695                  | 154.0 | 3:40         | 159    | 8:10         | 156   | 13:30        | 165 | 21:25        | 137 | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                                                 | 145 | 149 | 153 | 155 | 156 | 154 | 152 | 150 | 149 | 148 | 149 | 152 | 156 | 161 | 163 | 164 | 163 | 159 | 154 | 148 | 144 | 140 | 137 | 138 | 3639                  | 151.6 | 4:00         | 156    | 9:05         | 148   | 14:55        | 164 | 22:20        | 137 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                                                 | 141 | 146 | 151 | 155 | 156 | 156 | 154 | 152 | 151 | 150 | 150 | 151 | 155 | 160 | 164 | 166 | 165 | 163 | 158 | 152 | 146 | 143 | 140 | 138 | 3663                  | 152.6 | 4:25         | 157    | 9:40         | 150   | 15:25        | 166 | 22:55        | 138 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21                                                 | 140 | 145 | 150 | 155 | 157 | 158 | 157 | 153 | 150 | 149 | 148 | 147 | 148 | 152 | 157 | 161 | 163 | 163 | 161 | 155 | 150 | 146 | 144 | 141 | 3650                  | 152.1 | 5:00         | 158    | 11:00        | 147   | 16:35        | 163 | 23:40        | 140 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                                                 | 140 | 144 | 149 | 154 | 156 | 158 | 158 | 156 | 152 | 149 | 147 | 146 | 146 | 147 | 151 | 156 | 160 | 162 | 164 | 162 | 159 | 155 | 153 | 149 | 3673                  | 153.0 | 5:40         | 158    | 11:20        | 146   | 18:00        | 164 | —            | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23                                                 | 147 | 146 | 149 | 153 | 156 | 158 | 158 | 157 | 153 | 149 | 147 | 144 | 143 | 143 | 145 | 150 | 154 | 157 | 159 | 159 | 156 | 153 | 150 | 149 | 3635                  | 151.5 | 5:45         | 158    | 0:40         | 146   | 18:30        | 159 | 12:35        | 142 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                                                 | 147 | 147 | 149 | 152 | 155 | 158 | 159 | 159 | 157 | 153 | 150 | 147 | 144 | 143 | 143 | 145 | 148 | 151 | 154 | 155 | 155 | 153 | 151 | 149 | 3624                  | 151.0 | 6:30         | 160    | 0:35         | 146   | 19:05        | 155 | 13:35        | 142 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                                                 | 148 | 148 | 148 | 150 | 152 | 155 | 157 | 158 | 158 | 155 | 152 | 148 | 144 | 141 | 140 | 140 | 142 | 145 | 148 | 152 | 154 | 155 | 156 | 155 | 3601                  | 150.0 | 7:10         | 158    | 1:10         | 148   | —            | —   | 14:20        | 140 | 下<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26                                                 | 156 | 158 | 159 | 160 | 162 | 165 | 168 | 169 | 170 | 169 | 167 | 164 | 160 | 157 | 154 | 152 | 151 | 152 | 153 | 155 | 157 | 159 | 160 | 160 | 3837                  | 159.9 | 8:10         | 170    | —            | —     | 22:15        | 160 | 16:15        | 151 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27                                                 | 159 | 159 | 159 | 157 | 157 | 158 | 158 | 159 | 159 | 159 | 157 | 154 | 150 | 146 | 143 | 139 | 136 | 135 | 135 | 137 | 140 | 143 | 147 | 149 | 3595                  | 149.8 | 7:45         | 159    | 3:40         | 157   | —            | —   | 17:25        | 134 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28                                                 | 150 | 152 | 153 | 153 | 153 | 154 | 156 | 158 | 161 | 162 | 163 | 164 | 163 | 160 | 157 | 152 | 148 | 145 | 142 | 141 | 143 | 146 | 150 | 153 | 3679                  | 153.3 | 10:50        | 164    | —            | —     | —            | —   | 18:45        | 141 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29                                                 | 155 | 156 | 157 | 158 | 158 | 158 | 159 | 160 | 161 | 164 | 166 | 169 | 169 | 168 | 166 | 162 | 158 | 154 | 151 | 150 | 150 | 152 | 155 | 159 | 3815                  | 159.0 | 11:50        | 169    | —            | —     | —            | —   | 19:20        | 150 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                                                 | 163 | 165 | 167 | 168 | 168 | 167 | 168 | 169 | 171 | 172 | 176 | 180 | 183 | 183 | 181 | 179 | 175 | 169 | 164 | 161 | 159 | 159 | 161 | 164 | 4072                  | 169.7 | 3:05         | 168    | 4:55         | 167   | 12:30        | 183 | 20:40        | 158 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31                                                 | 168 | 172 | 174 | 175 | 175 | 175 | 174 | 174 | 175 | 176 | 179 | 183 | 185 | 187 | 186 | 184 | 180 | 175 | 169 | 165 | 161 | 160 | 160 | 163 | 4175                  | 174.0 | 3:45         | 176    | 6:10         | 174   | 13:10        | 187 | 21:15        | 160 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月                                                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 113535                | 152.6 |              |        |              |       |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 月最高潮位 187 cm 31日 13:10                             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 月最低潮位 129 cm 4日 22:45 |       |              |        |              |       |              |     |              |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

様式 2-1-1 潮位月表

潮位整理表

2016年9月

観測所名：新潟港西港地区

緯度：N 37° -56'-26"

経度：E 139° -03'-40"

球分体：+ 3.191 m

基本水準面：+ 1.175 m

東京湾平均海面：+ 1.045 m (20160401)

検潮基準面：± 0.000 m

規定回数

測得回数

欠測回数

720 回

720 回

0 回

( 0.0 %)

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      | 167 | 170 | 172 | 172 | 171 | 169 | 167 | 166 | 164 | 164 | 165 | 168 | 172 | 174 | 175 | 174 | 171 | 167 | 162 | 157 | 154 | 152 | 152 | 155    | 3980  | 165.8 | 2:45  | 172 | 8:45  | 164 | 14:05 | 175 | 21:30 | 152 | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2      | 159 | 163 | 167 | 169 | 169 | 168 | 167 | 165 | 164 | 164 | 164 | 166 | 169 | 173 | 175 | 177 | 176 | 173 | 167 | 162 | 158 | 155 | 154 | 154    | 3978  | 165.8 | 3:50  | 169 | 8:45  | 163 | 15:10 | 177 | 22:25 | 153 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3      | 157 | 160 | 164 | 166 | 166 | 165 | 164 | 161 | 159 | 158 | 158 | 159 | 162 | 165 | 169 | 172 | 172 | 170 | 167 | 162 | 157 | 154 | 151 | 150    | 3888  | 162.0 | 3:45  | 166 | 9:50  | 158 | 15:35 | 172 | 22:55 | 150 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4      | 152 | 155 | 159 | 162 | 163 | 162 | 160 | 157 | 154 | 152 | 151 | 150 | 152 | 155 | 159 | 162 | 163 | 162 | 159 | 155 | 150 | 148 | 145 | 144    | 3731  | 155.5 | 3:55  | 163 | 10:45 | 150 | 16:00 | 163 | 23:15 | 144 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5      | 144 | 147 | 151 | 154 | 156 | 156 | 154 | 152 | 149 | 147 | 146 | 145 | 146 | 148 | 152 | 155 | 157 | 158 | 158 | 155 | 151 | 149 | 148 | 147    | 3625  | 151.0 | 4:30  | 156 | 11:25 | 145 | 17:05 | 158 | —     | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6      | 146 | 148 | 152 | 155 | 158 | 159 | 159 | 157 | 153 | 150 | 148 | 146 | 145 | 145 | 148 | 151 | 154 | 156 | 157 | 157 | 155 | 153 | 153 | 152    | 3657  | 152.4 | 5:30  | 159 | 0:00  | 146 | 18:30 | 157 | 12:20 | 145 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7      | 151 | 152 | 154 | 158 | 160 | 161 | 162 | 161 | 158 | 155 | 153 | 152 | 150 | 150 | 152 | 155 | 158 | 160 | 163 | 164 | 163 | 162 | 161 | 161    | 3776  | 157.3 | 6:10  | 162 | 0:15  | 151 | 19:00 | 164 | 12:35 | 150 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8      | 161 | 161 | 163 | 165 | 167 | 169 | 170 | 169 | 167 | 165 | 164 | 162 | 161 | 159 | 159 | 162 | 165 | 166 | 168 | 169 | 169 | 169 | 169 | 170    | 3969  | 165.4 | 6:15  | 170 | 0:05  | 161 | —     | —   | 13:30 | 158 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9      | 169 | 170 | 172 | 173 | 175 | 177 | 177 | 177 | 175 | 173 | 170 | 167 | 165 | 162 | 161 | 161 | 162 | 163 | 164 | 166 | 167 | 168 | 168 | 168    | 4050  | 168.8 | 5:50  | 177 | —     | —   | 22:10 | 168 | 14:30 | 161 | 上弦     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10     | 168 | 168 | 168 | 167 | 168 | 168 | 169 | 168 | 167 | 165 | 163 | 160 | 158 | 155 | 152 | 151 | 150 | 150 | 151 | 152 | 153 | 154 | 156 | 157    | 3838  | 159.9 | 6:00  | 169 | 3:05  | 167 | —     | —   | 16:20 | 150 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11     | 156 | 157 | 157 | 157 | 157 | 158 | 159 | 159 | 159 | 159 | 158 | 157 | 155 | 152 | 150 | 148 | 147 | 146 | 146 | 147 | 149 | 151 | 153 | 154    | 3691  | 153.8 | 7:55  | 159 | —     | —   | —     | —   | 17:35 | 146 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12     | 155 | 155 | 156 | 155 | 155 | 155 | 156 | 157 | 158 | 158 | 157 | 156 | 154 | 151 | 148 | 144 | 141 | 139 | 138 | 138 | 138 | 141 | 144 | 147    | 3596  | 149.8 | 2:05  | 156 | 4:00  | 155 | 9:00  | 158 | 19:15 | 138 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13     | 148 | 149 | 150 | 148 | 148 | 149 | 150 | 151 | 152 | 152 | 153 | 153 | 152 | 149 | 146 | 142 | 138 | 135 | 133 | 132 | 133 | 136 | 139 | 142    | 3480  | 145.0 | 1:40  | 150 | 3:40  | 148 | 10:40 | 153 | 19:00 | 132 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14     | 144 | 146 | 147 | 147 | 146 | 145 | 144 | 144 | 145 | 146 | 148 | 150 | 150 | 149 | 147 | 142 | 138 | 135 | 132 | 130 | 129 | 130 | 133 | 136    | 3403  | 141.8 | 2:20  | 147 | 6:35  | 144 | 11:55 | 150 | 19:50 | 129 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15     | 140 | 143 | 145 | 144 | 143 | 141 | 140 | 140 | 140 | 141 | 144 | 146 | 148 | 149 | 148 | 145 | 141 | 137 | 133 | 130 | 129 | 129 | 132 | 135    | 3363  | 140.1 | 2:15  | 145 | 6:25  | 140 | 13:05 | 149 | 20:15 | 129 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16     | 139 | 143 | 145 | 145 | 144 | 142 | 140 | 139 | 138 | 140 | 142 | 147 | 151 | 153 | 154 | 152 | 149 | 144 | 139 | 136 | 133 | 131 | 133 | 136    | 3415  | 142.3 | 2:50  | 145 | 7:35  | 138 | 13:55 | 154 | 21:00 | 131 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17     | 141 | 146 | 150 | 151 | 151 | 149 | 147 | 146 | 146 | 146 | 148 | 151 | 156 | 162 | 165 | 164 | 162 | 159 | 155 | 151 | 147 | 145 | 145 | 146    | 3629  | 151.2 | 3:25  | 152 | 8:00  | 146 | 14:10 | 165 | 21:50 | 145 | ○      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18     | 149 | 156 | 160 | 162 | 162 | 160 | 157 | 154 | 151 | 150 | 150 | 151 | 156 | 161 | 166 | 168 | 168 | 166 | 162 | 157 | 152 | 149 | 147 | 147    | 3761  | 156.7 | 3:45  | 162 | 9:40  | 149 | 15:30 | 168 | 22:35 | 147 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19     | 150 | 155 | 160 | 162 | 162 | 160 | 157 | 152 | 147 | 143 | 141 | 141 | 143 | 148 | 153 | 157 | 158 | 159 | 157 | 152 | 147 | 144 | 141 | 140    | 3629  | 151.2 | 3:40  | 162 | 10:30 | 140 | 16:35 | 159 | 23:55 | 139 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20     | 139 | 140 | 143 | 147 | 147 | 144 | 142 | 136 | 130 | 126 | 123 | 120 | 121 | 124 | 129 | 135 | 138 | 141 | 142 | 140 | 138 | 137 | 136 | 134    | 3252  | 135.5 | 3:25  | 147 | 11:10 | 120 | 17:55 | 142 | —     | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21     | 132 | 134 | 138 | 141 | 144 | 145 | 144 | 142 | 137 | 132 | 129 | 126 | 124 | 124 | 127 | 132 | 137 | 139 | 141 | 141 | 140 | 137 | 135 | 135    | 3256  | 135.7 | 4:55  | 145 | 0:05  | 132 | 18:50 | 142 | 12:35 | 124 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22     | 134 | 134 | 136 | 138 | 141 | 142 | 143 | 142 | 138 | 132 | 128 | 125 | 122 | 119 | 118 | 121 | 125 | 130 | 134 | 136 | 136 | 135 | 135 | 136    | 3180  | 132.5 | 6:00  | 143 | 0:30  | 133 | 19:45 | 136 | 13:35 | 118 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23     | 136 | 135 | 136 | 137 | 139 | 141 | 142 | 142 | 141 | 137 | 133 | 129 | 125 | 122 | 120 | 120 | 122 | 124 | 127 | 130 | 132 | 134 | 134 | 134    | 3172  | 132.2 | 6:50  | 142 | 0:40  | 135 | —     | —   | 14:20 | 120 | 下弦     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24     | 134 | 135 | 135 | 136 | 137 | 139 | 141 | 142 | 142 | 141 | 139 | 136 | 132 | 129 | 126 | 124 | 123 | 124 | 127 | 130 | 133 | 135 | 137 | 138    | 3215  | 134.0 | 7:50  | 142 | —     | —   | —     | —   | 15:50 | 123 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25     | 138 | 139 | 139 | 139 | 139 | 140 | 141 | 143 | 144 | 144 | 144 | 142 | 139 | 136 | 133 | 130 | 128 | 127 | 128 | 129 | 132 | 135 | 139 | 141    | 3289  | 137.0 | 8:55  | 144 | —     | —   | —     | —   | 17:20 | 127 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26     | 143 | 144 | 144 | 144 | 145 | 145 | 145 | 147 | 148 | 149 | 150 | 150 | 148 | 145 | 142 | 139 | 136 | 134 | 133 | 134 | 136 | 138 | 142 | 144    | 3425  | 142.7 | 10:25 | 150 | —     | —   | —     | —   | 17:50 | 133 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27     | 145 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 148 | 149 | 151 | 153 | 153 | 152 | 149 | 147 | 144 | 140 | 138 | 137 | 138 | 141 | 144 | 148    | 3499  | 145.8 | 11:30 | 154 | —     | —   | —     | —   | 18:55 | 137 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28     | 151 | 153 | 153 | 152 | 151 | 152 | 152 | 150 | 152 | 154 | 156 | 160 | 163 | 163 | 161 | 159 | 155 | 151 | 149 | 147 | 146 | 147 | 149 | 153    | 3679  | 153.3 | 1:45  | 153 | 7:00  | 150 | 12:25 | 163 | 19:45 | 146 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29     | 157 | 159 | 160 | 160 | 159 | 157 | 155 | 155 | 154 | 153 | 155 | 157 | 159 | 159 | 157 | 155 | 151 | 146 | 141 | 138 | 135 | 135 | 136 | 138    | 3631  | 151.3 | 2:35  | 160 | 8:45  | 153 | 12:30 | 159 | 20:55 | 135 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30     | 141 | 144 | 144 | 144 | 143 | 141 | 138 | 136 | 136 | 136 | 138 | 142 | 147 | 150 | 151 | 150 | 149 | 146 | 142 | 140 | 138 | 137 | 138 | 141    | 3412  | 142.2 | 1:55  | 144 | 8:05  | 136 | 14:10 | 151 | 21:00 | 137 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 107469 | 149.3 |       |       |     |       |     |       |     |       |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 177 cm 9日 5:50

月最低潮位 118 cm 22日 13:35

様式 2-1-1 潮位月表

潮位整理表

2016年10月

|                                                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |        |       |       |       |          |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------|-------|-------|-------|----------|-------|-----|-------|-----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                                                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |        |       | 規定回数  | 744 回 |          |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |        |       | 測得回数  | 744 回 |          |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |        |       | 欠測回数  | 0 回   | ( 0.0 %) |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 観測所名：新潟港西港地区                                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |        |       | 単位；cm |       |          |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 緯度：N 37° -56'-26" 東京湾平均海面：+ 1.045 m (20160401) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |        |       |       |       |          |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 球分体：+ 3.191 m                                  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |        |       |       |       |          |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 基本水準面：+ 1.175 m                                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |        |       |       |       |          |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 経度：E 139° -03'-40" 検潮基準面：± 0.000 m             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |        |       |       |       |          |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 時                                              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 満   | 干    |        | 満     | 干     |       | 月<br>齢   |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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    |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                                              | 145 | 147 | 149 | 150 | 148 | 146 | 143 | 140 | 140 | 139 | 140 | 143 | 147 | 151 | 154 | 155 | 154 | 151 | 146 | 143 | 140 | 138 | 138 | 140 | 3487 | 145.3  | 2:50  | 150   | 9:20  | 139      | 14:55 | 155 | 21:40 | 138 | ●  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                              | 143 | 146 | 148 | 148 | 147 | 144 | 141 | 136 | 133 | 132 | 132 | 133 | 137 | 141 | 145 | 147 | 148 | 146 | 143 | 140 | 138 | 136 | 136 | 137 | 3377 | 140.7  | 2:40  | 148   | 9:20  | 132      | 15:50 | 148 | 22:00 | 136 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                              | 139 | 143 | 146 | 147 | 146 | 145 | 142 | 138 | 136 | 134 | 134 | 135 | 139 | 143 | 147 | 151 | 152 | 153 | 152 | 149 | 146 | 146 | 145 | 145 | 3453 | 143.9  | 3:10  | 147   | 9:40  | 134      | 17:05 | 153 | 22:35 | 145 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                              | 147 | 151 | 155 | 157 | 159 | 158 | 156 | 152 | 148 | 145 | 144 | 143 | 143 | 146 | 149 | 152 | 154 | 154 | 152 | 149 | 146 | 144 | 142 | 141 | 3587 | 149.5  | 4:25  | 159   | 11:20 | 143      | 16:35 | 154 | 23:55 | 140 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                              | 140 | 141 | 144 | 147 | 147 | 147 | 146 | 144 | 139 | 135 | 134 | 134 | 135 | 140 | 146 | 147 | 149 | 156 | 162 | 163 | 164 | 166 | 168 | 168 | 3562 | 148.4  | 3:40  | 147   | 11:20 | 134      | 22:25 | 168 | —     | —   |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                              | 166 | 166 | 165 | 166 | 168 | 169 | 169 | 166 | 162 | 159 | 157 | 154 | 151 | 150 | 152 | 154 | 156 | 158 | 159 | 159 | 157 | 156 | 155 | 155 | 3829 | 159.5  | 5:40  | 170   | 1:55  | 165      | 18:25 | 159 | 12:45 | 150 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                              | 154 | 154 | 154 | 154 | 154 | 153 | 151 | 148 | 142 | 137 | 133 | 130 | 128 | 128 | 129 | 131 | 134 | 136 | 138 | 140 | 140 | 140 | 140 | 142 | 3390 | 141.3  | 3:15  | 154   | 1:20  | 153      | —     | —   | 12:40 | 128 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                              | 143 | 144 | 146 | 148 | 149 | 150 | 152 | 152 | 152 | 149 | 144 | 142 | 142 | 142 | 144 | 148 | 151 | 154 | 157 | 159 | 161 | 163 | 163 | 163 | 3618 | 150.8  | 6:20  | 152   | —     | —        | —     | —   | 12:40 | 142 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                              | 164 | 165 | 166 | 166 | 166 | 166 | 167 | 167 | 165 | 164 | 162 | 159 | 157 | 155 | 153 | 150 | 149 | 150 | 151 | 151 | 151 | 152 | 153 | 153 | 3802 | 158.4  | 6:30  | 167   | —     | —        | 22:20 | 153 | 16:00 | 149 | 上弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                             | 152 | 152 | 153 | 152 | 152 | 152 | 152 | 152 | 151 | 150 | 149 | 146 | 143 | 140 | 138 | 136 | 135 | 136 | 137 | 139 | 141 | 142 | 145 | 146 | 3491 | 145.5  | 1:45  | 153   | 0:10  | 152      | 23:00 | 146 | 16:05 | 135 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                             | 146 | 145 | 145 | 145 | 145 | 145 | 144 | 144 | 145 | 145 | 145 | 144 | 142 | 139 | 137 | 135 | 134 | 133 | 133 | 136 | 138 | 141 | 145 | 146 | 3397 | 141.5  | 9:30  | 145   | 6:05  | 144      | —     | —   | 17:20 | 133 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                                             | 146 | 147 | 147 | 145 | 145 | 145 | 145 | 146 | 147 | 149 | 150 | 150 | 149 | 147 | 144 | 140 | 137 | 134 | 133 | 133 | 135 | 137 | 140 | 143 | 3434 | 143.1  | 1:20  | 147   | 3:55  | 145      | 10:40 | 151 | 18:20 | 133 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                                             | 144 | 144 | 144 | 142 | 140 | 139 | 138 | 138 | 140 | 142 | 144 | 146 | 146 | 144 | 141 | 137 | 134 | 131 | 128 | 127 | 128 | 130 | 134 | 138 | 3319 | 138.3  | 1:00  | 144   | 6:40  | 138      | 11:35 | 146 | 19:10 | 127 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                                             | 140 | 142 | 142 | 140 | 138 | 136 | 134 | 133 | 134 | 136 | 139 | 143 | 145 | 146 | 145 | 142 | 139 | 135 | 132 | 130 | 129 | 130 | 134 | 138 | 3302 | 137.6  | 1:40  | 142   | 6:55  | 133      | 12:40 | 146 | 19:55 | 129 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                                             | 141 | 143 | 143 | 141 | 137 | 133 | 130 | 128 | 127 | 128 | 131 | 136 | 140 | 143 | 143 | 142 | 139 | 135 | 131 | 128 | 126 | 126 | 129 | 133 | 3233 | 134.7  | 1:30  | 144   | 8:10  | 127      | 13:40 | 143 | 20:40 | 126 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                                             | 137 | 140 | 141 | 140 | 137 | 133 | 128 | 125 | 124 | 124 | 127 | 132 | 139 | 145 | 148 | 149 | 148 | 144 | 140 | 137 | 134 | 133 | 134 | 137 | 3276 | 136.5  | 1:55  | 141   | 8:20  | 124      | 15:00 | 149 | 21:05 | 133 | ○  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                                             | 143 | 148 | 150 | 149 | 147 | 145 | 142 | 138 | 134 | 133 | 134 | 137 | 143 | 150 | 154 | 157 | 158 | 157 | 154 | 151 | 149 | 148 | 148 | 149 | 3518 | 146.6  | 2:10  | 150   | 9:05  | 133      | 16:05 | 158 | 21:45 | 148 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                                             | 153 | 158 | 162 | 164 | 163 | 160 | 155 | 149 | 144 | 140 | 137 | 137 | 140 | 146 | 152 | 156 | 159 | 159 | 158 | 155 | 152 | 149 | 148 | 148 | 3644 | 151.8  | 3:00  | 164   | 10:35 | 136      | 17:00 | 159 | 22:45 | 147 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                                             | 149 | 152 | 156 | 158 | 158 | 156 | 152 | 146 | 140 | 136 | 133 | 131 | 132 | 136 | 142 | 148 | 152 | 155 | 155 | 154 | 151 | 150 | 150 | 150 | 3542 | 147.6  | 3:20  | 159   | 11:15 | 131      | 17:45 | 155 | 23:25 | 150 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                                             | 150 | 152 | 156 | 160 | 162 | 162 | 162 | 158 | 153 | 148 | 145 | 142 | 141 | 141 | 145 | 149 | 152 | 155 | 157 | 157 | 157 | 155 | 154 | 154 | 3667 | 152.8  | 4:50  | 162   | —     | —        | 18:40 | 157 | 12:15 | 141 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21                                             | 153 | 154 | 156 | 158 | 159 | 161 | 159 | 155 | 151 | 146 | 141 | 136 | 132 | 130 | 130 | 133 | 137 | 142 | 145 | 146 | 148 | 148 | 148 | 148 | 3516 | 146.5  | 5:05  | 161   | 0:25  | 153      | —     | —   | 13:30 | 130 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                                             | 149 | 149 | 150 | 152 | 154 | 156 | 157 | 157 | 155 | 151 | 148 | 146 | 143 | 142 | 140 | 140 | 144 | 148 | 151 | 154 | 157 | 159 | 159 | 160 | 3621 | 150.9  | 6:40  | 157   | —     | —        | —     | —   | 14:30 | 140 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23                                             | 161 | 161 | 161 | 160 | 161 | 161 | 161 | 162 | 161 | 158 | 156 | 153 | 148 | 144 | 141 | 138 | 137 | 137 | 138 | 139 | 141 | 142 | 142 | 142 | 3605 | 150.2  | 0:45  | 161   | 3:15  | 160      | 6:45  | 162 | 15:55 | 137 | 下弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                                             | 143 | 142 | 142 | 141 | 141 | 142 | 142 | 142 | 144 | 144 | 143 | 141 | 138 | 136 | 133 | 132 | 130 | 129 | 131 | 133 | 136 | 139 | 141 | 143 | 3328 | 138.7  | 8:50  | 144   | 3:45  | 141      | 23:55 | 144 | 16:55 | 129 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                                             | 144 | 143 | 142 | 142 | 141 | 140 | 141 | 142 | 143 | 145 | 147 | 147 | 147 | 146 | 145 | 143 | 143 | 143 | 144 | 145 | 147 | 152 | 155 | 158 | 3485 | 145.2  | 10:20 | 147   | 4:50  | 140      | —     | —   | 16:40 | 143 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26                                             | 159 | 159 | 158 | 157 | 155 | 153 | 150 | 150 | 151 | 153 | 153 | 154 | 154 | 154 | 153 | 151 | 149 | 148 | 147 | 147 | 149 | 151 | 152 | 154 | 3661 | 152.5  | 0:40  | 159   | 6:40  | 150      | 11:55 | 154 | 18:15 | 147 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27                                             | 156 | 155 | 152 | 150 | 148 | 144 | 141 | 140 | 140 | 140 | 142 | 143 | 143 | 143 | 142 | 139 | 137 | 134 | 131 | 129 | 129 | 130 | 131 | 133 | 3372 | 140.5  | 0:15  | 156   | 7:40  | 140      | 12:35 | 143 | 19:25 | 129 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28                                             | 135 | 135 | 134 | 132 | 130 | 129 | 128 | 127 | 128 | 129 | 133 | 137 | 140 | 142 | 143 | 142 | 140 | 138 | 139 | 138 | 138 | 140 | 142 | 146 | 3265 | 136.0  | 0:30  | 135   | 7:05  | 127      | 14:00 | 143 | 19:40 | 137 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29                                             | 149 | 150 | 150 | 149 | 147 | 146 | 144 | 143 | 141 | 139 | 140 | 142 | 143 | 145 | 144 | 143 | 142 | 138 | 135 | 133 | 132 | 134 | 136 | 139 | 3404 | 141.8  | 1:20  | 150   | 9:10  | 139      | 13:10 | 145 | 19:40 | 132 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                                             | 141 | 142 | 141 | 140 | 138 | 133 | 128 | 125 | 122 | 123 | 125 | 127 | 130 | 133 | 135 | 136 | 134 | 132 | 129 | 127 | 125 | 124 | 125 | 127 | 3142 | 130.9  | 0:50  | 142   | 8:20  | 122      | 15:00 | 136 | 21:00 | 124 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31                                             | 130 | 132 | 132 | 130 | 127 | 125 | 121 | 118 | 117 | 118 | 119 | 123 | 129 | 135 | 140 | 143 | 143 | 142 | 140 | 137 | 136 | 135 | 135 | 137 | 3144 | 131.0  | 1:30  | 132   | 8:05  | 117      | 15:50 | 143 | 21:40 | 135 | ●  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月                                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      | 107471 | 144.5 |       |       |          |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 170 cm 6日 5:40 月最低潮位 117 cm 31日 8:05

樣式 2-1-1 潮位月表

潮位整理表

2016年11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：新潟港西港地区                                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       |       | 単位；cm |       |              |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 球分体：+ 3.191 m                                  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       |       |       |       |              |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 基本水準面：+ 1.175 m                                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       |       |       |       |              |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 緯度：N 37° -56'-26" 東京湾平均海面：+ 1.045 m (20160401) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       |       |       |       |              |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 経度：E 139° -03'-40" 検潮基準面：± 0.000 m             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       |       |       |       |              |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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    | 満時：分  | 満cm   | 干時：分  | 干cm          | 満時：分  | 満cm | 干時：分  | 干cm | 月齡 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 日                                              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |       |       |       |       |       |              |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1                                              | 141 | 143 | 146 | 147 | 146 | 144 | 140 | 136 | 133 | 133 | 134 | 136 | 138 | 140 | 141 | 141 | 141 | 140 | 138 | 134 | 132 | 131 | 131 | 132    | 3318  | 138.3 | 3:00  | 147   | 8:45  | 133          | 15:30 | 141 | 21:25 | 131 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                              | 135 | 138 | 141 | 142 | 141 | 138 | 134 | 129 | 124 | 120 | 119 | 119 | 120 | 124 | 129 | 133 | 136 | 138 | 138 | 137 | 136 | 136 | 137 | 139    | 3183  | 132.6 | 3:05  | 142   | 10:40 | 119          | 18:00 | 138 | 20:25 | 136 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                              | 142 | 146 | 149 | 152 | 152 | 151 | 148 | 143 | 138 | 135 | 134 | 134 | 135 | 139 | 143 | 148 | 152 | 154 | 155 | 156 | 155 | 154 | 155 | 155    | 3525  | 146.9 | 3:45  | 152   | 10:00 | 134          | 18:45 | 156 | 20:45 | 154 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                              | 156 | 157 | 159 | 160 | 160 | 159 | 156 | 152 | 146 | 141 | 137 | 135 | 134 | 135 | 138 | 142 | 147 | 150 | 152 | 153 | 153 | 152 | 152 | 152    | 3578  | 149.1 | 3:25  | 161   | 12:05 | 134          | 19:30 | 153 | 21:35 | 151 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                              | 153 | 155 | 157 | 158 | 159 | 158 | 157 | 155 | 152 | 149 | 146 | 145 | 144 | 145 | 148 | 152 | 157 | 161 | 163 | 166 | 167 | 168 | 169 | 170    | 3754  | 156.4 | 3:35  | 159   | —     | —            | —     | —   | 12:10 | 144 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                              | 171 | 170 | 170 | 171 | 171 | 171 | 169 | 166 | 162 | 158 | 154 | 150 | 147 | 145 | 144 | 144 | 146 | 148 | 150 | 150 | 150 | 150 | 149 | 148    | 3754  | 156.4 | 4:00  | 171   | —     | —            | 19:30 | 151 | 14:20 | 144 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                              | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 146 | 144 | 140 | 137 | 134 | 132 | 132 | 132 | 134 | 137 | 139 | 141 | 143 | 146 | 147 | 147 | 148    | 3408  | 142.0 | —     | —     | —     | —            | —     | —   | 13:05 | 132 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                              | 149 | 149 | 150 | 150 | 152 | 153 | 154 | 155 | 155 | 154 | 152 | 151 | 150 | 150 | 149 | 148 | 149 | 151 | 152 | 152 | 154 | 155 | 156 | 156    | 3646  | 151.9 | 7:35  | 155   | —     | —            | 22:50 | 156 | 15:10 | 148 | 上弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                              | 155 | 155 | 155 | 153 | 153 | 153 | 152 | 151 | 150 | 150 | 147 | 144 | 141 | 139 | 136 | 135 | 134 | 135 | 136 | 138 | 140 | 142 | 144 | 144    | 3482  | 145.1 | —     | —     | —     | —            | 22:40 | 144 | 16:05 | 134 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                             | 143 | 142 | 141 | 140 | 138 | 137 | 139 | 141 | 142 | 142 | 143 | 141 | 139 | 136 | 134 | 132 | 132 | 131 | 131 | 133 | 135 | 138 | 141 | 143    | 3314  | 138.1 | 9:55  | 143   | 4:55  | 137          | 23:30 | 143 | 17:35 | 130 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11                                             | 143 | 142 | 141 | 139 | 137 | 136 | 136 | 137 | 140 | 144 | 147 | 148 | 148 | 148 | 146 | 144 | 142 | 141 | 142 | 143 | 145 | 148 | 152 | 154    | 3443  | 143.5 | 11:45 | 148   | 6:15  | 136          | —     | —   | 16:50 | 141 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12                                             | 155 | 154 | 152 | 149 | 145 | 143 | 141 | 141 | 141 | 143 | 147 | 149 | 150 | 150 | 149 | 145 | 142 | 139 | 137 | 135 | 135 | 138 | 142 | 144    | 3466  | 144.4 | 0:10  | 155   | 7:25  | 140          | 12:45 | 150 | 19:25 | 135 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13                                             | 145 | 145 | 143 | 140 | 136 | 132 | 130 | 129 | 130 | 133 | 138 | 143 | 148 | 152 | 153 | 152 | 149 | 147 | 144 | 142 | 142 | 142 | 144 | 149    | 3408  | 142.0 | 0:10  | 145   | 7:25  | 129          | 13:55 | 153 | 20:05 | 142 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                                             | 152 | 152 | 150 | 147 | 143 | 138 | 133 | 130 | 128 | 127 | 131 | 137 | 142 | 148 | 151 | 151 | 151 | 148 | 145 | 143 | 143 | 144 | 146 | 153    | 3433  | 143.0 | 0:30  | 153   | 8:35  | 127          | 15:25 | 151 | 19:45 | 143 | ○  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                                             | 160 | 165 | 166 | 165 | 162 | 157 | 152 | 146 | 142 | 141 | 142 | 147 | 154 | 161 | 165 | 167 | 167 | 165 | 162 | 159 | 157 | 155 | 155 | 157    | 3769  | 157.0 | 2:10  | 166   | 8:55  | 141          | 15:30 | 167 | 21:40 | 155 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                                             | 160 | 163 | 164 | 163 | 159 | 154 | 146 | 137 | 131 | 126 | 124 | 125 | 130 | 137 | 144 | 149 | 153 | 153 | 152 | 150 | 149 | 148 | 148 | 149    | 3514  | 146.4 | 2:00  | 164   | 10:15 | 124          | 16:45 | 153 | 22:10 | 148 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17                                             | 151 | 156 | 160 | 161 | 160 | 157 | 152 | 144 | 137 | 132 | 129 | 127 | 128 | 132 | 138 | 143 | 146 | 148 | 148 | 146 | 143 | 142 | 140 | 139    | 3459  | 144.1 | 3:05  | 161   | 11:20 | 127          | 17:30 | 148 | 22:50 | 139 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                                             | 141 | 143 | 146 | 148 | 148 | 146 | 143 | 136 | 129 | 122 | 117 | 115 | 114 | 116 | 120 | 126 | 133 | 137 | 140 | 142 | 142 | 141 | 141 | 142    | 3228  | 134.5 | 3:20  | 148   | 11:55 | 114          | 19:20 | 142 | 21:35 | 140 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19                                             | 143 | 143 | 146 | 151 | 154 | 155 | 153 | 150 | 145 | 140 | 136 | 133 | 132 | 132 | 134 | 139 | 144 | 148 | 152 | 154 | 154 | 154 | 153 | 152    | 3497  | 145.7 | 5:00  | 155   | 12:25 | 132          | 20:10 | 154 | 22:35 | 152 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                                             | 153 | 153 | 154 | 157 | 159 | 161 | 161 | 161 | 159 | 153 | 149 | 146 | 142 | 139 | 139 | 140 | 143 | 146 | 148 | 150 | 151 | 150 | 148 | 148    | 3610  | 150.4 | 6:35  | 161   | —     | —            | 20:15 | 151 | 13:50 | 139 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21                                             | 148 | 146 | 145 | 146 | 147 | 148 | 147 | 147 | 145 | 142 | 137 | 134 | 131 | 128 | 127 | 128 | 132 | 135 | 137 | 141 | 144 | 148 | 149 | 148    | 3380  | 140.8 | 5:20  | 148   | 1:50  | 145          | —     | —   | 14:05 | 127 | 下弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                                             | 150 | 150 | 150 | 150 | 152 | 153 | 153 | 154 | 155 | 154 | 153 | 150 | 147 | 146 | 145 | 143 | 145 | 147 | 150 | 154 | 155 | 156 | 159 | 159    | 3630  | 151.3 | 8:00  | 155   | —     | —            | 22:30 | 160 | 15:05 | 143 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23                                             | 157 | 154 | 151 | 149 | 148 | 147 | 146 | 147 | 147 | 146 | 145 | 143 | 139 | 136 | 134 | 131 | 130 | 129 | 130 | 132 | 133 | 135 | 138 | 139    | 3386  | 141.1 | 7:45  | 147   | 6:00  | 146          | 23:05 | 139 | 17:00 | 129 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                                             | 138 | 138 | 137 | 136 | 135 | 133 | 134 | 135 | 135 | 136 | 136 | 137 | 136 | 134 | 133 | 131 | 129 | 129 | 129 | 130 | 132 | 134 | 137 | 139    | 3223  | 134.3 | 11:00 | 137   | 5:20  | 133          | 23:45 | 139 | 17:15 | 129 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                                             | 139 | 139 | 137 | 135 | 133 | 132 | 131 | 130 | 131 | 134 | 136 | 138 | 138 | 138 | 137 | 135 | 134 | 132 | 132 | 133 | 134 | 135 | 137 | 138    | 3238  | 134.9 | 11:35 | 139   | 7:00  | 130          | 23:20 | 139 | 17:25 | 132 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26                                             | 138 | 138 | 135 | 131 | 127 | 124 | 122 | 120 | 120 | 122 | 123 | 126 | 129 | 131 | 130 | 131 | 130 | 128 | 127 | 128 | 128 | 131 | 133 | 137    | 3089  | 128.7 | —     | —     | 7:30  | 120          | 15:15 | 131 | 17:35 | 127 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27                                             | 139 | 138 | 136 | 134 | 133 | 128 | 124 | 123 | 123 | 124 | 127 | 132 | 137 | 138 | 139 | 140 | 140 | 140 | 139 | 139 | 142 | 144 | 147 | 151    | 3257  | 135.7 | 0:10  | 139   | 6:55  | 123          | 15:30 | 141 | 18:40 | 139 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28                                             | 153 | 154 | 152 | 149 | 146 | 142 | 138 | 135 | 134 | 134 | 136 | 138 | 142 | 146 | 149 | 151 | 151 | 150 | 149 | 147 | 147 | 149 | 150 | 153    | 3495  | 145.6 | 0:35  | 154   | 8:15  | 134          | 15:50 | 151 | 19:15 | 147 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29                                             | 155 | 156 | 156 | 153 | 150 | 146 | 140 | 136 | 133 | 132 | 133 | 136 | 141 | 146 | 150 | 152 | 152 | 151 | 148 | 144 | 142 | 142 | 141 | 142    | 3477  | 144.9 | 1:15  | 157   | 9:10  | 132          | 15:30 | 152 | 22:00 | 141 | ●  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                                             | 145 | 146 | 146 | 144 | 139 | 135 | 129 | 123 | 119 | 117 | 115 | 117 | 121 | 126 | 131 | 134 | 134 | 135 | 133 | 131 | 131 | 133 | 134 | 136    | 3154  | 131.4 | 1:20  | 146   | 9:55  | 115          | 16:45 | 135 | 19:40 | 131 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月                                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 103118 | 143.2 |       |       |       |       |              |       |     |       |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 171 cm 6日 4:00月最低潮位 114 cm 18日 11:55

様式 2-1-1 潮位月表

潮位整理表

2016年12月

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

球分体： + 3.191 m

基本水準面： + 1.175 m

緯度： N 37° -56'-26" 東京湾平均海面： + 1.045 m (20160401)

観測所名： 新潟港西港地区 経度： E 139° -03'-40" 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      | 138 | 141 | 143 | 143 | 142 | 140 | 136 | 131 | 128 | 125 | 125 | 127 | 131 | 136 | 142 | 148 | 151 | 153 | 154 | 154 | 153 | 154 | 154 | 155    | 3404  | 141.8 | 2:35  | 144 | 9:45  | 125 | 18:10 | 154 | 20:05 | 153 | 上<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2      | 156 | 157 | 158 | 157 | 154 | 151 | 146 | 139 | 133 | 128 | 124 | 123 | 123 | 127 | 131 | 135 | 139 | 141 | 142 | 141 | 140 | 139 | 139 | 140    | 3363  | 140.1 | 2:05  | 158 | 11:15 | 122 | 18:20 | 142 | 21:45 | 139 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3      | 141 | 143 | 145 | 147 | 146 | 144 | 139 | 134 | 130 | 125 | 122 | 121 | 121 | 124 | 129 | 134 | 138 | 140 | 141 | 141 | 140 | 139 | 138 | 138    | 3260  | 135.8 | 3:10  | 147 | 11:25 | 121 | 18:30 | 142 | 22:25 | 138 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4      | 139 | 139 | 141 | 143 | 144 | 143 | 141 | 137 | 133 | 129 | 126 | 125 | 124 | 126 | 130 | 134 | 139 | 143 | 145 | 147 | 149 | 149 | 149 | 150    | 3325  | 138.5 | 4:15  | 144 | 11:50 | 124 | —     | —   | —     | —   | 下<br>弦 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5      | 152 | 153 | 154 | 157 | 159 | 160 | 159 | 157 | 153 | 149 | 145 | 143 | 142 | 141 | 142 | 145 | 150 | 154 | 157 | 158 | 159 | 160 | 160 | 161    | 3670  | 152.9 | 4:50  | 160 | —     | —   | —     | —   | 13:10 | 141 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6      | 163 | 165 | 168 | 172 | 176 | 178 | 179 | 177 | 172 | 166 | 162 | 158 | 154 | 150 | 147 | 146 | 149 | 152 | 154 | 156 | 157 | 157 | 156 | 154    | 3868  | 161.2 | 5:45  | 179 | —     | —   | 20:20 | 157 | 14:40 | 146 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7      | 153 | 153 | 153 | 153 | 154 | 154 | 154 | 153 | 151 | 148 | 144 | 140 | 138 | 137 | 137 | 138 | 141 | 145 | 149 | 152 | 155 | 157 | 159 | 159    | 3577  | 149.0 | 4:25  | 154 | 1:50  | 153 | 23:00 | 159 | 13:50 | 137 | 〇      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8      | 159 | 157 | 156 | 156 | 156 | 156 | 155 | 154 | 153 | 151 | 148 | 145 | 142 | 140 | 138 | 137 | 138 | 140 | 141 | 143 | 145 | 147 | 147 | 147    | 3551  | 148.0 | —     | —   | —     | —   | 21:40 | 147 | 14:45 | 137 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9      | 146 | 144 | 142 | 141 | 142 | 144 | 146 | 148 | 151 | 154 | 154 | 154 | 154 | 154 | 152 | 152 | 152 | 153 | 154 | 156 | 159 | 162 | 163 | 163    | 3640  | 151.7 | 10:15 | 154 | 3:05  | 141 | 22:15 | 163 | 16:25 | 152 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10     | 163 | 161 | 158 | 154 | 151 | 149 | 147 | 147 | 148 | 150 | 150 | 149 | 148 | 146 | 143 | 140 | 139 | 139 | 139 | 140 | 144 | 148 | 150 | 152    | 3555  | 148.1 | 9:50  | 150 | 6:25  | 147 | 23:30 | 152 | 17:55 | 139 | 〇      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11     | 152 | 151 | 148 | 143 | 140 | 137 | 134 | 133 | 135 | 139 | 142 | 145 | 147 | 147 | 147 | 145 | 144 | 144 | 143 | 143 | 144 | 146 | 148 | 150    | 3447  | 143.6 | 12:40 | 147 | 6:50  | 133 | 23:25 | 150 | 19:00 | 143 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12     | 150 | 147 | 144 | 138 | 132 | 128 | 124 | 122 | 122 | 125 | 130 | 135 | 140 | 143 | 144 | 143 | 142 | 139 | 138 | 138 | 138 | 140 | 144 | 147    | 3293  | 137.2 | —     | —   | 7:35  | 122 | 14:15 | 144 | 19:15 | 138 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13     | 150 | 150 | 148 | 143 | 139 | 134 | 129 | 126 | 125 | 127 | 131 | 137 | 143 | 147 | 150 | 151 | 150 | 148 | 147 | 146 | 146 | 148 | 151 | 156    | 3422  | 142.6 | 0:35  | 150 | 8:00  | 125 | 14:55 | 151 | 19:05 | 146 | 〇      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14     | 160 | 163 | 163 | 161 | 157 | 150 | 143 | 137 | 133 | 130 | 130 | 134 | 140 | 146 | 150 | 152 | 153 | 152 | 150 | 147 | 146 | 146 | 148 | 150    | 3541  | 147.5 | 1:25  | 164 | 9:35  | 130 | 16:05 | 153 | 20:25 | 146 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15     | 154 | 157 | 158 | 156 | 153 | 147 | 139 | 131 | 125 | 122 | 121 | 123 | 127 | 134 | 141 | 146 | 149 | 150 | 149 | 147 | 146 | 145 | 145 | 146    | 3411  | 142.1 | 1:35  | 158 | 9:55  | 121 | 17:10 | 150 | 21:45 | 145 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16     | 149 | 152 | 155 | 155 | 153 | 149 | 142 | 134 | 126 | 121 | 117 | 117 | 118 | 123 | 129 | 135 | 139 | 141 | 141 | 139 | 138 | 137 | 136 | 137    | 3283  | 136.8 | 2:45  | 155 | 10:50 | 117 | 17:25 | 141 | 22:00 | 136 | 〇      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17     | 139 | 144 | 149 | 152 | 154 | 152 | 148 | 142 | 135 | 129 | 124 | 121 | 120 | 121 | 125 | 130 | 135 | 136 | 136 | 136 | 134 | 131 | 129 | 129    | 3251  | 135.5 | 4:00  | 154 | 11:50 | 120 | 17:30 | 136 | 22:20 | 129 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18     | 130 | 131 | 133 | 136 | 138 | 137 | 134 | 129 | 123 | 116 | 110 | 106 | 105 | 105 | 108 | 113 | 119 | 123 | 126 | 128 | 128 | 127 | 126 | 125    | 2956  | 123.2 | 4:15  | 138 | 12:35 | 105 | 19:35 | 128 | 23:55 | 125 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19     | 125 | 125 | 127 | 129 | 132 | 134 | 134 | 132 | 129 | 124 | 119 | 115 | 112 | 111 | 111 | 114 | 119 | 124 | 128 | 130 | 131 | 131 | 130 | 128    | 2994  | 124.8 | 5:20  | 135 | —     | —   | 20:20 | 131 | 13:20 | 111 | 〇      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20     | 127 | 127 | 127 | 128 | 131 | 134 | 135 | 136 | 136 | 134 | 130 | 127 | 124 | 122 | 121 | 122 | 124 | 128 | 131 | 133 | 135 | 135 | 134 | 133    | 3114  | 129.8 | 7:20  | 136 | 2:00  | 127 | 20:45 | 135 | 14:05 | 121 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21     | 133 | 132 | 130 | 129 | 130 | 131 | 132 | 133 | 133 | 132 | 130 | 127 | 124 | 122 | 120 | 120 | 121 | 125 | 129 | 133 | 136 | 137 | 138 | 137    | 3114  | 129.8 | 7:35  | 133 | 3:05  | 129 | 21:55 | 138 | 14:50 | 120 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22     | 137 | 137 | 135 | 134 | 134 | 134 | 137 | 139 | 141 | 144 | 145 | 146 | 146 | 146 | 147 | 147 | 148 | 152 | 156 | 160 | 163 | 165 | 166 | 165    | 3524  | 146.8 | —     | —   | 3:35  | 133 | 22:05 | 166 | —     | —   | 〇      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23     | 164 | 163 | 162 | 161 | 161 | 162 | 163 | 164 | 165 | 166 | 166 | 167 | 166 | 164 | 163 | 163 | 162 | 162 | 162 | 162 | 164 | 165 | 165 | 165    | 3927  | 163.6 | 11:10 | 167 | 3:05  | 161 | 22:30 | 166 | 17:55 | 162 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24     | 163 | 161 | 158 | 154 | 151 | 148 | 145 | 144 | 143 | 143 | 142 | 143 | 143 | 141 | 138 | 138 | 138 | 137 | 137 | 138 | 140 | 141 | 142 | 143    | 3471  | 144.6 | —     | —   | —     | —   | 23:00 | 143 | 17:45 | 137 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25     | 142 | 140 | 137 | 133 | 130 | 126 | 123 | 121 | 122 | 122 | 124 | 126 | 128 | 129 | 129 | 128 | 128 | 127 | 126 | 127 | 129 | 131 | 131 | 132    | 3091  | 128.8 | —     | —   | 7:05  | 121 | 13:05 | 129 | 18:15 | 126 | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26     | 133 | 132 | 128 | 123 | 121 | 117 | 113 | 113 | 114 | 115 | 119 | 123 | 128 | 131 | 132 | 134 | 135 | 136 | 136 | 136 | 139 | 141 | 144 | 147    | 3090  | 128.8 | 0:15  | 133 | 6:40  | 113 | —     | —   | —     | —   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27     | 151 | 152 | 150 | 146 | 144 | 143 | 139 | 136 | 135 | 135 | 136 | 140 | 145 | 148 | 150 | 150 | 151 | 152 | 151 | 150 | 149 | 149 | 150 | 152    | 3504  | 146.0 | 0:50  | 152 | 8:10  | 135 | 16:50 | 152 | 20:35 | 149 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28     | 152 | 152 | 151 | 147 | 143 | 138 | 132 | 126 | 123 | 121 | 121 | 123 | 126 | 129 | 131 | 132 | 132 | 131 | 129 | 128 | 128 | 129 | 130 | 132    | 3186  | 132.8 | 0:10  | 152 | 9:45  | 121 | 15:35 | 132 | 19:10 | 128 | ●      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29     | 133 | 135 | 135 | 132 | 128 | 125 | 121 | 116 | 115 | 114 | 116 | 121 | 128 | 133 | 137 | 140 | 142 | 143 | 142 | 139 | 137 | 138 | 138 | 139    | 3147  | 131.1 | 1:30  | 135 | 8:55  | 114 | 17:10 | 143 | 20:05 | 137 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30     | 142 | 144 | 144 | 142 | 139 | 135 | 129 | 122 | 117 | 114 | 112 | 112 | 114 | 117 | 121 | 123 | 124 | 125 | 124 | 122 | 121 | 122 | 123 | 126    | 3014  | 125.6 | 1:30  | 144 | 10:20 | 111 | 17:05 | 125 | 19:55 | 121 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31     | 129 | 132 | 136 | 137 | 136 | 134 | 130 | 124 | 120 | 116 | 114 | 114 | 117 | 121 | 127 | 131 | 134 | 136 | 137 | 136 | 135 | 134 | 134 | 134    | 3098  | 129.1 | 3:00  | 137 | 10:30 | 114 | 17:45 | 137 | 22:05 | 134 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 計/月    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 104091 | 139.9 |       |       |     |       |     |       |     |       |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

月最高潮位 179 cm 6日 5:45 月最低潮位 105 cm 18日 12:35