

# 水俣

MINAMATA

2025 年

| 日  | 満潮 |       |        |       | 干潮    |      |       |       | 日     | 満潮  |       |       |       | 干潮    |       |       |       |       |       |     |
|----|----|-------|--------|-------|-------|------|-------|-------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
|    | 時分 | cm    | 時分     | cm    | 時分    | cm   | 時分    | cm    |       | 時分  | cm    | 時分    | cm    | 時分    | cm    | 時分    | cm    |       |       |     |
| 1月 | 1  | 10 10 | 325    | 21 34 | 309   | 3 35 | -9    | 16 2  | 105   | 4月  | 1     | 10 26 | 341   | 23 12 | 339   | 4 39  | 56    | 16 58 | -8    |     |
|    | 2  | 10 46 | 326    | 22 15 | 310   | 4 15 | -12   | 16 41 | 98    | 2   | 10 53 | 326   | 23 54 | 313   | 5 13  | 87    | 17 34 | 6     |       |     |
|    | 3  | 11 21 | 323    | 22 55 | 306   | 4 53 | -8    | 17 19 | 93    | 3   | 11 19 | 304   |       |       | 5 47  | 121   | 18 13 | 30    |       |     |
|    | 4  | 11 54 | 316    | 23 37 | 296   | 5 30 | 4     | 17 58 | 90    | 4   | 0 42  | 282   | 11 49 | 277   | 6 25  | 152   | 19 1  | 60    |       |     |
|    | 5  |       |        | 12 27 | 307   | 6 8  | 25    | 18 40 | 87    | 5   | 上弦    | 1 51  | 253   | 12 33 | 246   | 7 22  | 178   | 20 14 | 89    |     |
|    | 6  |       |        | 13 3  | 296   | 6 48 | 52    | 19 29 | 83    | 6   |       | 3 49  | 241   | 14 45 | 220   | 9 36  | 188   | 22 5  | 102   |     |
|    | 7  | 上弦    | 1 20   | 266   | 13 46 | 284  | 7 35  | 84    | 20 28 | 78  | 7     |       | 5 30  | 253   | 17 6  | 231   | 11 42 | 162   | 23 39 | 92  |
|    | 8  |       | 2 34   | 252   | 14 44 | 273  | 8 35  | 115   | 21 39 | 69  | 8     |       | 6 25  | 272   | 18 17 | 258   |       |       | 12 34 | 128 |
|    | 9  |       | 4 11   | 248   | 15 51 | 267  | 9 57  | 139   | 22 55 | 54  | 9     |       | 7 3   | 289   | 19 5  | 283   | 0 37  | 75    | 13 11 | 99  |
|    | 10 |       | 5 46   | 261   | 17 8  | 267  | 11 29 | 149   |       |     | 10    |       | 7 34  | 302   | 19 44 | 303   | 1 20  | 64    | 13 44 | 75  |
|    | 11 |       | 7 3    | 281   | 18 20 | 275  | 0 8   | 36    | 12 49 | 144 | 11    |       | 8 2   | 312   | 20 19 | 317   | 1 57  | 58    | 14 14 | 57  |
|    | 12 |       | 8 4    | 300   | 19 24 | 286  | 1 14  | 16    | 13 53 | 132 | 12    |       | 8 28  | 318   | 20 51 | 325   | 2 29  | 59    | 14 43 | 44  |
|    | 13 |       | 8 54   | 314   | 20 19 | 298  | 2 12  | 0     | 14 45 | 118 | 13    | 望     | 8 52  | 321   | 21 23 | 329   | 2 59  | 64    | 15 12 | 34  |
|    | 14 |       | 9 37   | 322   | 21 7  | 306  | 3 2   | -11   | 15 29 | 105 | 14    |       | 9 16  | 322   | 21 53 | 328   | 3 27  | 73    | 15 39 | 29  |
|    | 15 | 望     | 10 14  | 323   | 21 47 | 309  | 3 45  | -14   | 16 7  | 95  | 15    |       | 9 38  | 320   | 22 22 | 322   | 3 55  | 85    | 16 6  | 28  |
|    | 16 |       | 10 45  | 319   | 22 22 | 306  | 4 22  | -8    | 16 40 | 89  | 16    |       | 9 59  | 314   | 22 51 | 311   | 4 21  | 99    | 16 32 | 32  |
|    | 17 |       | 11 11  | 312   | 22 52 | 298  | 4 53  | 5     | 17 9  | 85  | 17    |       | 10 20 | 304   | 23 21 | 296   | 4 48  | 115   | 16 59 | 41  |
|    | 18 |       | 11 33  | 303   | 23 21 | 285  | 5 19  | 23    | 17 36 | 84  | 18    |       | 10 42 | 291   | 23 56 | 278   | 5 14  | 133   | 17 28 | 54  |
|    | 19 |       | 11 53  | 293   | 23 51 | 268  | 5 43  | 45    | 18 3  | 86  | 19    |       | 11 8  | 275   |       |       | 5 45  | 151   | 18 4  | 71  |
|    | 20 |       |        |       | 12 14 | 282  | 6 6   | 70    | 18 34 | 89  | 20    |       | 0 43  | 259   | 11 46 | 255   | 6 28  | 169   | 18 58 | 89  |
|    | 21 |       | 0 26   | 249   | 12 40 | 269  | 6 34  | 96    | 19 14 | 94  | 21    | 下弦    | 2 6   | 244   | 13 2  | 234   | 7 50  | 182   | 20 26 | 103 |
|    | 22 |       | 1 15   | 230   | 13 16 | 253  | 7 11  | 125   | 20 10 | 98  | 22    |       | 4 0   | 249   | 15 24 | 232   | 10 4  | 173   | 22 13 | 98  |
|    | 23 |       | 2 37   | 215   | 14 11 | 238  | 8 14  | 151   | 21 29 | 96  | 23    |       | 5 16  | 270   | 17 5  | 258   | 11 27 | 140   | 23 34 | 80  |
|    | 24 |       | 4 39   | 218   | 15 39 | 231  | 10 2  | 166   | 22 53 | 84  | 24    |       | 6 7   | 295   | 18 12 | 292   |       |       | 12 20 | 102 |
|    | 25 |       | 6 8    | 237   | 17 5  | 237  | 11 42 | 161   |       |     | 25    |       | 6 51  | 318   | 19 8  | 325   | 0 34  | 62    | 13 6  | 64  |
|    | 26 |       | 7 8    | 261   | 18 13 | 252  | 0 4   | 62    | 12 50 | 146 | 26    |       | 7 31  | 336   | 20 0  | 349   | 1 25  | 53    | 13 50 | 31  |
|    | 27 |       | 7 56   | 283   | 19 10 | 271  | 1 3   | 38    | 13 43 | 128 | 27    |       | 8 10  | 347   | 20 49 | 363   | 2 12  | 53    | 14 34 | 6   |
|    | 28 |       | 8 39   | 303   | 20 2  | 291  | 1 56  | 14    | 14 29 | 109 | 28    | 朔     | 8 48  | 351   | 21 36 | 366   | 2 57  | 63    | 15 17 | -10 |
|    | 29 |       | 9 19   | 319   | 20 50 | 309  | 2 43  | -8    | 15 12 | 91  | 29    |       | 9 24  | 348   | 22 22 | 359   | 3 40  | 80    | 15 59 | -14 |
|    | 30 |       | 9 56   | 331   | 21 34 | 322  | 3 27  | -23   | 15 52 | 73  | 30    |       | 9 58  | 339   | 23 6  | 342   | 4 21  | 101   | 16 39 | -7  |
|    | 31 |       | 10 30  | 337   | 22 15 | 328  | 4 7   | -29   | 16 30 | 59  |       |       |       |       |       |       |       |       |       |     |
| 2月 | 1  | 11 1  | 336    | 22 54 | 326   | 4 44 | -23   | 17 6  | 49    | 5月  | 1     | 10 31 | 324   | 23 51 | 320   | 5 0   | 123   | 17 20 | 11    |     |
|    | 2  | 11 30 | 330    | 23 32 | 315   | 5 18 | -5    | 17 42 | 43    | 2   |       | 11 5  | 303   |       |       | 5 39  | 145   | 18 2  | 37    |     |
|    | 3  | 11 57 | 319    |       |       | 5 52 | 23    | 18 18 | 42    | 3   | 上弦    | 0 40  | 295   | 11 45 | 278   | 6 24  | 163   | 18 51 | 68    |     |
|    | 4  | 0 13  | 297    | 12 24 | 303   | 6 25 | 58    | 18 58 | 47    | 4   |       | 1 41  | 273   | 12 44 | 251   | 7 26  | 177   | 19 55 | 97    |     |
|    | 5  | 上弦    | 1 0    | 272   | 12 55 | 285  | 7 2   | 97    | 19 48 | 56  | 5     |       | 3 0   | 260   | 14 34 | 232   | 9 6   | 177   | 21 21 | 115 |
|    | 6  |       | 2 5    | 246   | 13 39 | 262  | 7 52  | 136   | 20 58 | 66  | 6     |       | 4 20  | 261   | 16 27 | 238   | 10 45 | 157   | 22 46 | 118 |
|    | 7  |       | 3 54   | 231   | 14 56 | 242  | 9 21  | 166   | 22 31 | 67  | 7     |       | 5 20  | 272   | 17 40 | 258   | 11 44 | 128   | 23 48 | 112 |
|    | 8  |       | 5 57   | 243   | 16 55 | 237  | 11 32 | 169   |       |     | 8     |       | 6 3   | 285   | 18 31 | 280   |       |       | 12 25 | 101 |
|    | 9  |       | 7 13   | 267   | 18 27 | 253  | 0 4   | 52    | 13 1  | 148 | 9     |       | 6 38  | 297   | 19 12 | 299   | 0 35  | 106   | 13 1  | 78  |
|    | 10 |       | 8 4    | 290   | 19 31 | 276  | 1 15  | 30    | 13 56 | 122 | 10    |       | 7 9   | 307   | 19 50 | 314   | 1 14  | 102   | 13 33 | 60  |
|    | 11 |       | 8 44   | 306   | 20 20 | 296  | 2 9   | 10    | 14 38 | 99  | 11    |       | 7 39  | 314   | 20 26 | 325   | 1 50  | 102   | 14 6  | 46  |
|    | 12 | 望     | 9 19   | 316   | 21 1  | 309  | 2 53  | -3    | 15 15 | 81  | 12    |       | 8 8   | 319   | 21 1  | 331   | 2 25  | 105   | 14 38 | 36  |
|    | 13 |       | 9 49   | 319   | 21 36 | 315  | 3 30  | -7    | 15 47 | 68  | 13    | 望     | 8 37  | 321   | 21 36 | 332   | 2 58  | 110   | 15 11 | 30  |
|    | 14 |       | 10 15  | 319   | 22 6  | 315  | 4 2   | -1    | 16 16 | 60  | 14    |       | 9 7   | 320   | 22 10 | 328   | 3 32  | 117   | 15 43 | 29  |
|    | 15 |       | 10 36  | 315   | 22 34 | 309  | 4 29  | 11    | 16 41 | 55  | 15    |       | 9 35  | 316   | 22 43 | 320   | 4 4   | 125   | 16 15 | 33  |
|    | 16 |       | 10 55  | 310   | 23 0  | 299  | 4 52  | 28    | 17 5  | 53  | 16    |       | 10 3  | 308   | 23 18 | 309   | 4 36  | 134   | 16 47 | 41  |
|    | 17 |       | 11 12  | 303   | 23 26 | 284  | 5 13  | 48    | 17 28 | 55  | 17    |       | 10 32 | 298   | 23 55 | 296   | 5 8   | 145   | 17 21 | 52  |
|    | 18 |       | 11 29  | 293   | 23 56 | 266  | 5 34  | 71    | 17 54 | 60  | 18    |       | 11 7  | 285   |       |       | 5 45  | 155   | 18 0  | 66  |
|    | 19 |       | 11 49  | 278   |       |      | 5 57  | 97    | 18 24 | 69  | 19    |       | 0 41  | 283   | 11 56 | 269   | 6 34  | 164   | 18 52 | 83  |
|    | 20 |       | 0 32   | 245   | 12 13 | 260  | 6 25  | 125   | 19 4  | 82  | 20    | 下弦    | 1 42  | 275   | 13 12 | 256   | 7 44  | 166   | 20 2  | 97  |
|    | 21 |       | 1 28   | 223   | 12 48 | 239  | 7 6   | 154   | 20 9  | 95  | 21    |       | 2 57  | 276   | 14 53 | 255   | 9 13  | 153   | 21 25 | 104 |
|    | 22 |       | 3 33   | 210   | 14 2  | 219  | 8 41  | 178   | 21 53 | 97  | 22    |       | 4 8   | 287   | 17 27 | 274   | 10 31 | 125   | 22 44 | 102 |
|    | 23 |       | 5 49   | 226   | 16 27 | 218  | 11 21 | 174   | 23 35 | 78  | 23    |       | 5 6   | 303   | 17 41 | 300   | 11 32 | 91    | 23 51 | 99  |
|    | 24 |       | 6 53   | 252   | 17 57 | 239  |       |       | 12 40 | 150 | 24    |       | 5 57  | 319   | 18 43 | 326   |       |       | 12 26 | 56  |
|    | 25 |       | 7 37   | 279   | 19 0  | 269  | 0 46  | 49    | 13 30 | 122 | 25    |       | 6 43  | 332   | 19 40 | 346   | 0 49  | 99    | 13 16 | 28  |
|    | 26 |       | 8 17   | 304   | 19 53 | 299  | 1 40  | 19    | 14 13 | 94  | 26    |       | 7 29  | 340   | 20 34 | 357   | 1 43  | 104   | 14 6  | 7   |
|    | 27 |       | 8 54   | 325   | 20 40 | 324  | 2 27  | -6    | 14 53 | 66  | 27    | 朔     | 8 14  | 343   | 21 27 | 360   | 2 34  | 112   | 14 55 | -4  |
|    | 28 | 朔     | 9 29   | 340   | 21 24 | 342  | 3 10  | -20   | 15 32 | 42  | 28    |       | 8 58  | 341   | 22 16 | 356   | 3 23  | 121   | 15 42 | -6  |
|    |    |       |        |       |       |      |       |       |       | 29  |       | 9 41  | 335   | 23 2  | 345   | 4 9   | 131   | 16 28 | 2     |     |
|    |    |       |        |       |       |      |       |       |       | 30  |       | 10 23 | 324   | 23 45 | 329   | 4 52  | 139   | 17 11 | 19    |     |
|    |    |       |        |       |       |      |       |       |       | 31  |       | 11 4  | 309   |       |       | 5 34  | 147   | 17 53 | 42    |     |
| 3月 | 1  | 10 2  | 347    | 22 5  | 349   | 3 49 | -22   | 16 10 | 23    | 6月  | 1     | 0 26  | 311   | 11 48 | 289   | 6 18  | 154   | 18 35 | 70    |     |
|    | 2  | 10 32 | 347    | 22 44 | 345   | 4 26 | -10   | 16 45 | 11    | 2   |       | 1 9   | 294   | 12 40 | 268   | 7 7   | 158   | 19 22 | 99    |     |
|    | 3  | 10 59 | 339    | 23 22 | 330   | 5 0  | 14    | 17 20 | 8     | 3   | 上弦    | 1 57  | 280   | 13 50 | 250   | 8 10  | 159   | 20 19 | 124   |     |
|    | 4  | 11 24 | 325    |       |       | 5 32 | 48    | 17 55 | 14    | 4   |       | 2 53  | 272   | 15 21 | 244   | 9 26  | 150   | 21 30 | 140   |     |
|    | 5  | 0 1   | 306    | 11 48 | 306   | 6 4  | 86    | 18 32 | 30    | 5   |       | 3 54  | 272   | 16 46 | 253   | 10 35 | 132   | 22 42 | 146   |     |
|    | 6  |       | 0 46   | 276   | 12 14 | 281  | 6 38  | 125   | 19 19 | 52  | 6     |       | 4 48  | 278   | 17 50 | 271   | 11 29 | 110   | 23 41 | 145 |
|    | 7  |       | 1 51   | 245   | 12 52 | 252  | 7 25  | 161   | 20 30 | 76  | 7     |       | 5 34  | 288   | 18 40 | 280   |       |       | 12 12 | 88  |
|    | 8  |       | 3 59   | 228   | 14 27 | 229  | 9 17  | 185   | 22 22 | 85  | 8     |       | 6 15  | 297   | 19 24 | 307   | 0 31  | 142   | 12 52 | 89  |
|    | 9  |       | 6 4    | 244   | 17 11 | 226  | 11 58 | 170   |       |     | 9     |       | 6 53  | 306   | 20 5  | 321   | 1 15  | 139   | 13 31 | 54  |
|    | 10 |       | 7 4    | 268   | 18 34 | 252  | 0 3   | 70    | 13 2  | 137 | 10    |       | 7 31  | 313   | 20 45 | 329   | 1 56  | 137   | 14 10 | 43  |
|    | 11 |       | 7 43   | 289   | 19 26 | 280  | 1 7   | 47    | 13 42 | 106 | 11    | 望     | 8 9   | 317   | 21 24 | 334   | 2 36  | 136   | 14 49 | 35  |
|    | 12 |       | 8 17   | 304   | 20 8  | 301  | 1 53  | 29    | 14 17 | 82  | 12    |       | 8 46  | 320   | 22 3  | 334   | 3 15  | 135   | 15 28 | 31  |
|    | 13 |       | 8 47</ |       |       |      |       |       |       |     |       |       |       |       |       |       |       |       |       |     |

# 水俣

MINAMATA

2025 年

| 満潮 |    |       |      |       | 干潮    |       |      |       |       | 満潮  |       |      |       |       | 干潮    |      |       |       |       |
|----|----|-------|------|-------|-------|-------|------|-------|-------|-----|-------|------|-------|-------|-------|------|-------|-------|-------|
| 日  | 時分 | cm    | 時分   | cm    | 時分    | cm    | 時分   | cm    | 時分    | cm  | 日     | 時分   | cm    | 時分    | cm    | 時分   | cm    | 時分    | cm    |
| 7月 | 1  | 0 26  | 313  | 12 15 | 287   | 6 32  | 133  | 18 40 | 100   | 10月 | 1     | 0 21 | 240   | 17 3  | 254   | 8 40 | 136   | 23 1  | 204   |
|    | 2  | 0 56  | 299  | 13 1  | 268   | 7 13  | 136  | 19 16 | 128   | 2   | 3 47  | 233  | 17 59 | 280   | 10 44 | 123  |       |       |       |
|    | 3  | 1 30  | 287  | 14 6  | 252   | 8 5   | 137  | 20 7  | 154   | 3   | 5 23  | 261  | 18 37 | 308   | 0 1   | 171  | 11 56 | 94    |       |
|    | 4  | 2 17  | 277  | 15 39 | 247   | 9 12  | 133  | 21 21 | 172   | 4   | 6 21  | 297  | 19 13 | 333   | 0 41  | 135  | 12 47 | 67    |       |
|    | 5  | 3 20  | 271  | 17 9  | 259   | 10 23 | 121  | 22 46 | 178   | 5   | 7 10  | 331  | 19 48 | 353   | 1 19  | 100  | 13 32 | 47    |       |
|    | 6  | 4 28  | 273  | 18 14 | 278   | 11 23 | 103  | 23 55 | 174   | 6   | 7 56  | 358  | 20 23 | 367   | 1 58  | 67   | 14 15 | 38    |       |
|    | 7  | 5 27  | 281  | 19 6  | 298   |       |      | 24 16 | 84    | 7   | 8 40  | 376  | 20 56 | 373   | 2 37  | 41   | 14 56 | 42    |       |
|    | 8  | 6 19  | 292  | 19 51 | 314   | 0 50  | 165  | 25 13 | 66    | 8   | 9 24  | 382  | 21 29 | 372   | 3 16  | 21   | 15 35 | 57    |       |
|    | 9  | 7 7   | 303  | 20 34 | 327   | 1 38  | 156  | 26 13 | 51    | 9   | 10 6  | 378  | 21 59 | 363   | 3 54  | 11   | 16 13 | 80    |       |
|    | 10 | 7 53  | 314  | 21 14 | 337   | 2 22  | 146  | 27 14 | 35    | 10  | 10 48 | 362  | 22 27 | 348   | 4 32  | 11   | 16 49 | 109   |       |
|    | 11 | 8 37  | 324  | 21 52 | 343   | 3 4   | 137  | 28 15 | 18    | 11  | 11 30 | 338  | 22 55 | 328   | 5 9   | 22   | 17 24 | 140   |       |
|    | 12 | 9 19  | 331  | 22 28 | 347   | 3 45  | 129  | 29 15 | 58    | 12  | 12 18 | 309  | 23 25 | 302   | 5 49  | 43   | 18 4  | 170   |       |
|    | 13 | 10 0  | 334  | 23 2  | 346   | 4 23  | 122  | 30 16 | 36    | 13  | 13 12 | 280  | 23 53 | 280   | 6 37  | 72   | 18 59 | 195   |       |
|    | 14 | 10 39 | 333  | 23 33 | 342   | 5 0   | 116  | 31 17 | 12    | 14  | 14 14 | 271  | 24 21 | 265   | 7 46  | 100  | 20 55 | 205   |       |
|    | 15 | 11 18 | 326  |       |       | 5 37  | 111  | 32 17 | 47    | 15  | 2 4   | 243  | 25 55 | 274   | 9 30  | 115  | 23 6  | 181   |       |
|    | 16 | 0 4   | 335  | 12 1  | 315   | 6 16  | 108  | 18 24 | 76    | 16  | 4 34  | 250  | 17 55 | 292   | 11 6  | 108  |       |       |       |
|    | 17 | 0 36  | 326  | 12 51 | 301   | 6 59  | 105  | 19 6  | 105   | 17  | 5 51  | 277  | 18 35 | 309   | 0 5   | 145  | 12 9  | 93    |       |
|    | 18 | 1 14  | 315  | 13 55 | 286   | 7 51  | 102  | 19 59 | 136   | 18  | 6 42  | 304  | 19 8  | 323   | 0 45  | 111  | 12 56 | 81    |       |
|    | 19 | 2 1   | 304  | 15 23 | 278   | 8 56  | 96   | 21 12 | 164   | 19  | 7 23  | 325  | 19 38 | 332   | 1 20  | 84   | 13 34 | 76    |       |
|    | 20 | 3 6   | 295  | 17 2  | 285   | 10 12 | 86   | 22 44 | 178   | 20  | 8 0   | 338  | 20 5  | 337   | 1 53  | 64   | 14 8  | 78    |       |
|    | 21 | 4 26  | 292  | 18 26 | 303   | 11 29 | 70   |       |       | 21  | 8 34  | 344  | 20 31 | 338   | 2 23  | 51   | 14 40 | 85    |       |
|    | 22 | 5 44  | 299  | 19 33 | 323   | 0 12  | 176  | 12 40 | 51    | 22  | 9 7   | 346  | 20 54 | 337   | 2 53  | 43   | 15 9  | 95    |       |
|    | 23 | 6 54  | 312  | 20 28 | 340   | 1 23  | 163  | 13 44 | 32    | 23  | 9 37  | 342  | 21 17 | 333   | 3 21  | 40   | 15 37 | 108   |       |
|    | 24 | 7 55  | 327  | 21 14 | 351   | 2 20  | 147  | 14 38 | 19    | 24  | 10 7  | 334  | 21 39 | 326   | 3 48  | 40   | 16 4  | 121   |       |
|    | 25 | 8 47  | 339  | 21 54 | 355   | 3 7   | 131  | 15 25 | 13    | 25  | 10 36 | 323  | 22 0  | 316   | 4 15  | 45   | 16 30 | 135   |       |
|    | 26 | 9 32  | 345  | 22 28 | 353   | 3 49  | 119  | 16 6  | 17    | 26  | 11 6  | 307  | 22 22 | 302   | 4 41  | 55   | 16 57 | 151   |       |
|    | 27 | 10 10 | 344  | 22 56 | 347   | 4 25  | 110  | 16 40 | 30    | 27  | 11 39 | 289  | 22 47 | 284   | 5 9   | 68   | 17 27 | 167   |       |
|    | 28 | 10 44 | 336  | 23 20 | 337   | 4 57  | 106  | 17 10 | 51    | 28  | 12 24 | 270  | 23 20 | 264   | 5 43  | 85   | 18 7  | 183   |       |
|    | 29 | 11 14 | 321  | 23 40 | 326   | 5 26  | 105  | 17 35 | 76    | 29  |       |      | 23 39 | 254   | 6 32  | 104  | 19 23 | 195   |       |
|    | 30 | 11 44 | 304  |       |       | 5 53  | 108  | 17 58 | 104   | 30  | 0 27  | 241  | 15 33 | 256   | 7 53  | 119  | 21 40 | 186   |       |
|    | 31 | 0 0   | 314  | 12 18 | 284   | 6 23  | 113  | 18 23 | 132   | 31  | 2 54  | 233  | 16 50 | 275   | 9 42  | 118  | 23 5  | 154   |       |
| 8月 | 1  | 0 23  | 300  | 13 4  | 263   | 6 59  | 120  | 18 57 | 161   | 11月 | 1     | 4 42 | 257   | 17 40 | 299   | 11 5 | 101   | 23 56 | 114   |
|    | 2  | 0 53  | 283  | 14 21 | 246   | 7 50  | 128  | 19 54 | 188   | 2   | 5 49  | 291  | 18 22 | 323   |       |      | 12 5  | 82    |       |
|    | 3  | 1 42  | 266  | 16 30 | 248   | 9 7   | 130  | 21 47 | 204   | 3   | 6 43  | 325  | 19 2  | 341   | 0 40  | 75   | 12 56 | 71    |       |
|    | 4  | 3 15  | 254  | 18 1  | 267   | 10 36 | 121  | 23 35 | 197   | 4   | 7 33  | 351  | 19 40 | 353   | 1 23  | 41   | 13 43 | 68    |       |
|    | 5  | 4 51  | 260  | 18 56 | 290   | 11 48 | 102  |       |       | 5   | 8 22  | 367  | 20 18 | 358   | 2 6   | 14   | 14 29 | 75    |       |
|    | 6  | 6 0   | 277  | 19 39 | 311   | 0 40  | 179  | 12 47 | 79    | 6   | 9 10  | 373  | 20 56 | 356   | 2 49  | -4   | 15 13 | 89    |       |
|    | 7  | 6 55  | 297  | 20 19 | 329   | 1 28  | 160  | 13 37 | 55    | 7   | 9 57  | 368  | 21 32 | 348   | 3 32  | -12  | 15 56 | 107   |       |
|    | 8  | 7 44  | 318  | 20 57 | 345   | 2 10  | 141  | 14 23 | 35    | 8   | 10 43 | 354  | 22 8  | 335   | 4 15  | -8   | 16 37 | 126   |       |
|    | 9  | 8 30  | 336  | 21 32 | 356   | 2 51  | 123  | 15 5  | 21    | 9   | 11 29 | 334  | 22 45 | 315   | 4 57  | 6    | 17 19 | 145   |       |
|    | 10 | 9 13  | 349  | 22 6  | 363   | 3 30  | 106  | 15 44 | 14    | 10  | 12 17 | 310  | 23 26 | 291   | 5 41  | 29   | 18 4  | 161   |       |
|    | 11 | 9 53  | 357  | 22 37 | 364   | 4 7   | 92   | 16 21 | 19    | 11  |       |      | 23 14 | 287   | 6 29  | 59   | 19 2  | 173   |       |
|    | 12 | 10 32 | 356  | 23 6  | 360   | 4 43  | 81   | 16 56 | 34    | 12  | 0 22  | 264  | 14 24 | 271   | 7 29  | 89   | 20 28 | 174   |       |
|    | 13 | 11 10 | 348  | 23 32 | 350   | 5 18  | 75   | 17 29 | 59    | 13  | 1 57  | 242  | 15 43 | 268   | 8 47  | 111  | 22 7  | 158   |       |
|    | 14 | 11 49 | 332  | 23 58 | 337   | 5 54  | 73   | 18 2  | 91    | 14  | 3 53  | 241  | 16 49 | 275   | 10 12 | 120  | 23 16 | 129   |       |
|    | 15 |       |      | 24 34 | 310   | 6 32  | 77   | 18 37 | 128   | 15  | 5 16  | 258  | 17 37 | 286   | 11 22 | 117  |       |       |       |
|    | 16 | 0 27  | 319  | 13 33 | 285   | 7 18  | 85   | 19 23 | 165   | 16  | 6 13  | 280  | 18 15 | 297   | 0 3   | 100  | 12 14 | 113   |       |
|    | 17 | 1 7   | 298  | 15 10 | 268   | 8 21  | 96   | 20 41 | 196   | 17  | 6 58  | 299  | 18 49 | 306   | 0 41  | 75   | 12 56 | 110   |       |
|    | 18 | 2 15  | 277  | 17 16 | 275   | 9 51  | 99   | 22 50 | 203   | 18  | 7 37  | 314  | 19 20 | 313   | 1 16  | 55   | 13 34 | 109   |       |
|    | 19 | 4 15  | 269  | 18 39 | 298   | 11 27 | 87   |       |       | 19  | 8 14  | 324  | 19 50 | 316   | 1 50  | 41   | 14 10 | 112   |       |
|    | 20 | 5 54  | 285  | 19 33 | 322   | 0 28  | 183  | 12 43 | 64    | 20  | 8 49  | 329  | 20 20 | 318   | 2 23  | 31   | 14 44 | 115   |       |
|    | 21 | 7 3   | 310  | 20 16 | 341   | 1 27  | 154  | 13 41 | 42    | 21  | 9 24  | 330  | 20 49 | 316   | 2 55  | 26   | 15 17 | 120   |       |
|    | 22 | 7 55  | 332  | 20 54 | 352   | 2 12  | 129  | 14 28 | 28    | 22  | 9 58  | 326  | 21 18 | 312   | 3 27  | 25   | 15 49 | 126   |       |
|    | 23 | 8 40  | 348  | 21 26 | 356   | 2 52  | 108  | 15 8  | 24    | 23  | 10 30 | 318  | 21 47 | 305   | 3 59  | 28   | 16 21 | 132   |       |
|    | 24 | 9 18  | 354  | 21 54 | 355   | 3 27  | 94   | 15 43 | 31    | 24  | 11 3  | 308  | 22 17 | 295   | 4 31  | 35   | 16 53 | 140   |       |
|    | 25 | 9 51  | 353  | 22 18 | 350   | 3 58  | 85   | 16 12 | 46    | 25  | 11 37 | 295  | 22 50 | 282   | 5 3   | 45   | 17 28 | 148   |       |
|    | 26 | 10 21 | 345  | 22 38 | 343   | 4 26  | 81   | 16 38 | 66    | 26  | 12 18 | 283  | 23 32 | 266   | 5 39  | 59   | 18 11 | 155   |       |
|    | 27 | 10 48 | 332  | 22 54 | 334   | 4 51  | 81   | 17 0  | 89    | 27  | 13 9  | 273  | 23 9  | 273   | 6 24  | 75   | 19 12 | 158   |       |
|    | 28 | 11 15 | 316  | 23 11 | 323   | 5 15  | 85   | 17 20 | 114   | 28  | 0 36  | 250  | 14 15 | 269   | 7 23  | 91   | 20 34 | 150   |       |
|    | 29 | 11 44 | 296  | 23 49 | 288   | 5 39  | 92   | 17 41 | 140   | 29  | 2 9   | 242  | 15 27 | 275   | 8 41  | 103  | 21 57 | 126   |       |
|    | 30 | 12 19 | 274  | 23 49 | 288   | 6 8   | 103  | 18 7  | 168   | 30  | 3 50  | 253  | 16 30 | 288   | 10 4  | 106  | 23 2  | 92    |       |
|    | 9月 | 1     | 0 18 | 265   | 15 44 | 240   | 7 49 | 133   | 20 33 | 218 | 12月   | 1    | 5 11  | 278   | 17 24 | 303  | 11 16 | 104   | 23 57 |
| 2  |    | 1 28  | 242  | 17 49 | 259   | 9 42  | 136  | 23 31 | 207   | 2   | 6 16  | 305  | 18 13 | 317   |       |      | 12 18 | 102   |       |
| 3  |    | 4 24  | 242  | 18 39 | 285   | 11 24 | 116  |       |       | 3   | 7 15  | 328  | 19 0  | 327   | 0 49  | 25   | 13 15 | 103   |       |
| 4  |    | 5 47  | 267  | 19 17 | 310   | 0 32  | 180  | 12 28 | 87    | 4   | 8 10  | 343  | 19 47 | 332   | 1 39  | 0    | 14 8  | 107   |       |
| 5  |    | 6 43  | 297  | 19 52 | 333   | 1 12  | 151  | 13 18 | 59    | 5   | 9 3   | 351  | 20 34 | 333   | 2 30  | -16  | 14 59 | 112   |       |
| 6  |    | 7 31  | 326  | 20 27 | 353   | 1 50  | 123  | 14 2  | 36    | 6   | 9 54  | 351  | 21 20 | 330   | 3 19  | -23  | 15 47 | 116   |       |
| 7  |    | 8 16  | 350  | 21 2  | 367   | 2 28  | 97   | 14 43 | 22    | 7   | 10 41 | 344  | 22 5  | 323   | 4 7   | -21  | 16 33 | 121   |       |
| 8  |    | 8 59  | 368  | 21 34 | 374   | 3 6   | 74   | 15 22 | 19    | 8   | 11 25 | 331  |       |       |       |      |       |       |       |