

# 千葉

CHIBA

2023 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    |     |
| 1月 | 1  | 0 11  | 128  | 11 52 | 161   | 5 37  | 101   | 19 24 | 60    | 4月  | 1    | 3 35  | 151   | 14 18 | 137   | 9 23  | 108   | 20 43 | 48    |     |
|    | 2  | 2 23  | 134  | 12 40 | 163   | 6 54  | 115   | 20 15 | 44    | 2   | 3 49 | 159   | 15 3  | 152   | 9 41  | 93    | 21 26 | 40    |       |     |
|    | 3  | 3 39  | 147  | 13 41 | 165   | 8 8   | 120   | 20 59 | 30    | 3   | 4 6  | 166   | 15 39 | 166   | 10 3  | 78    | 22 2  | 35    |       |     |
|    | 4  | 4 22  | 160  | 14 36 | 169   | 9 7   | 120   | 21 40 | 20    | 4   | 4 22 | 172   | 16 13 | 177   | 10 27 | 62    | 22 34 | 34    |       |     |
|    | 5  | 4 55  | 168  | 15 21 | 174   | 9 56  | 118   | 22 19 | 12    | 5   | 4 40 | 178   | 16 46 | 185   | 10 51 | 47    | 23 4  | 37    |       |     |
|    | 6  | 5 24  | 174  | 15 59 | 179   | 10 37 | 114   | 22 56 | 6     | 6   | 望    | 4 58  | 183   | 17 21 | 189   | 11 17 | 32    | 23 33 | 44    |     |
|    | 7  | 5 52  | 176  | 16 33 | 183   | 11 13 | 109   | 23 32 | 4     | 7   | 7    | 5 18  | 186   | 17 57 | 189   | 11 44 | 21    |       |       |     |
|    | 8  | 6 20  | 176  | 17 4  | 184   | 11 45 | 105   |       |       | 8   | 8    | 5 39  | 187   | 18 35 | 185   | 0 2   | 55    | 12 12 | 13    |     |
|    | 9  | 6 47  | 174  | 17 35 | 183   | 0 6   | 4     | 12 15 | 100   | 9   | 9    | 6 1   | 187   | 19 17 | 177   | 0 31  | 68    | 12 42 | 10    |     |
|    | 10 | 7 15  | 172  | 18 7  | 178   | 0 39  | 8     | 12 45 | 97    | 10  | 10   | 6 24  | 183   | 20 5  | 165   | 1 0   | 84    | 13 16 | 13    |     |
|    | 11 | 7 43  | 170  | 18 41 | 170   | 1 10  | 15    | 13 17 | 93    | 11  | 下弦   | 6 48  | 177   | 21 8  | 152   | 1 30  | 100   | 13 55 | 21    |     |
|    | 12 | 8 13  | 168  | 19 21 | 160   | 1 40  | 25    | 13 51 | 91    | 12  | 12   | 7 15  | 167   | 22 52 | 142   | 2 4   | 116   | 14 49 | 34    |     |
|    | 13 | 8 44  | 167  | 20 11 | 148   | 2 10  | 39    | 14 32 | 89    | 13  | 13   | 7 46  | 155   |       |       | 2 57  | 130   | 16 16 | 47    |     |
|    | 14 | 9 17  | 165  | 21 20 | 136   | 2 43  | 56    | 15 26 | 85    | 14  | 14   | 1 31  | 146   | 8 49  | 139   | 5 52  | 135   | 18 16 | 50    |     |
|    | 15 | 9 53  | 163  | 22 51 | 129   | 3 22  | 75    | 16 48 | 79    | 15  | 15   | 2 30  | 157   | 12 27 | 135   | 8 6   | 118   | 19 44 | 44    |     |
|    | 16 | 10 34 | 161  |       |       | 4 21  | 95    | 18 21 | 65    | 16  | 16   | 3 2   | 167   | 14 6  | 152   | 8 48  | 96    | 20 44 | 38    |     |
|    | 17 | 1 2   | 131  | 11 25 | 160   | 6 1   | 112   | 19 30 | 45    | 17  | 17   | 3 28  | 175   | 15 4  | 170   | 9 23  | 72    | 21 32 | 37    |     |
|    | 18 | 3 4   | 147  | 12 32 | 162   | 7 34  | 120   | 20 27 | 24    | 18  | 18   | 3 53  | 182   | 15 52 | 184   | 9 57  | 49    | 22 12 | 41    |     |
|    | 19 | 4 4   | 165  | 13 49 | 168   | 8 48  | 121   | 21 20 | 5     | 19  | 19   | 4 16  | 187   | 16 36 | 193   | 10 31 | 28    | 22 48 | 50    |     |
|    | 20 | 4 48  | 179  | 14 56 | 178   | 9 48  | 118   | 22 11 | -11   | 20  | 朔    | 4 39  | 191   | 17 17 | 195   | 11 4  | 13    | 23 22 | 62    |     |
|    | 21 | 5 27  | 189  | 15 51 | 190   | 10 40 | 111   | 23 1  | -21   | 21  | 21   | 5 2   | 192   | 17 58 | 192   | 11 37 | 4     | 23 53 | 76    |     |
|    | 22 | 6 5   | 192  | 16 39 | 198   | 11 25 | 102   | 23 47 | -23   | 22  | 22   | 5 24  | 191   | 18 38 | 185   |       |       |       |       |     |
|    | 23 | 6 40  | 191  | 17 24 | 200   |       |       | 12 7  | 92    | 23  | 23   | 5 46  | 188   | 19 19 | 174   | 0 22  | 89    | 12 43 | 6     |     |
|    | 24 | 7 14  | 188  | 18 8  | 195   | 0 30  | -17   | 12 47 | 82    | 24  | 24   | 6 8   | 182   | 20 1  | 163   | 0 49  | 101   | 13 17 | 16    |     |
|    | 25 | 7 44  | 183  | 18 54 | 184   | 1 8   | -3    | 13 26 | 74    | 25  | 25   | 6 31  | 173   | 20 50 | 152   | 1 16  | 111   | 13 54 | 30    |     |
|    | 26 | 8 12  | 178  | 19 42 | 168   | 1 43  | 18    | 14 7  | 68    | 26  | 26   | 6 54  | 163   | 21 55 | 142   | 1 43  | 119   | 14 40 | 45    |     |
|    | 27 | 8 38  | 173  | 20 35 | 150   | 2 13  | 43    | 14 52 | 66    | 27  | 27   | 7 18  | 150   | 23 45 | 138   | 2 17  | 126   | 15 45 | 58    |     |
|    | 28 | 9 3   | 169  | 21 40 | 133   | 2 41  | 68    | 15 47 | 66    | 28  | 上弦   | 7 42  | 136   |       |       | 4 3   | 132   | 17 17 | 67    |     |
|    | 29 | 9 30  | 165  | 23 18 | 121   | 3 5   | 91    | 17 4  | 65    | 29  | 29   | 1 38  | 142   | 11 24 | 124   | 8 10  | 121   | 18 45 | 67    |     |
|    | 30 | 10 3  | 159  |       |       | 3 24  | 111   | 18 32 | 60    | 30  | 30   | 2 18  | 150   | 13 34 | 133   | 8 34  | 104   | 19 50 | 64    |     |
|    | 31 | 10 54 | 152  |       |       |       |       | 19 44 | 50    |     |      |       |       |       |       |       |       |       |       |     |
| 2月 | 1  | 4 12  | 143  | 12 51 | 148   | 7 52  | 131   | 20 40 | 39    | 5月  | 1    | 2 43  | 157   | 14 32 | 147   | 8 59  | 87    | 20 38 | 61    |     |
|    | 2  | 4 32  | 155  | 14 30 | 154   | 9 12  | 125   | 21 28 | 28    | 2   | 3 4  | 165   | 15 16 | 161   | 9 24  | 69    | 21 19 | 60    |       |     |
|    | 3  | 4 53  | 163  | 15 21 | 164   | 10 2  | 116   | 22 11 | 18    | 3   | 3 25 | 172   | 15 56 | 174   | 9 50  | 50    | 21 55 | 62    |       |     |
|    | 4  | 5 14  | 169  | 15 59 | 173   | 10 38 | 107   | 22 48 | 10    | 4   | 3 46 | 179   | 16 34 | 184   | 10 17 | 32    | 22 30 | 67    |       |     |
|    | 5  | 5 36  | 173  | 16 31 | 180   | 11 8  | 97    | 23 22 | 6     | 5   | 4 9  | 185   | 17 14 | 191   | 10 46 | 16    | 23 4  | 74    |       |     |
|    | 6  | 望     | 5 58 | 175   | 17 2  | 185   | 11 36 | 89    | 23 54 | 5   | 6    | 望     | 4 33  | 190   | 17 54 | 193   | 11 17 | 4     | 23 38 | 84  |
|    | 7  | 6 20  | 176  | 17 33 | 185   |       |       | 12 3  | 80    | 7   | 7    | 4 59  | 192   | 18 37 | 190   | 11 50 | -2    |       |       |     |
|    | 8  | 6 42  | 177  | 18 5  | 182   | 0 22  | 8     | 12 31 | 73    | 8   | 8    | 5 26  | 191   | 19 25 | 182   | 0 13  | 95    | 12 26 | -2    |     |
|    | 9  | 7 5   | 177  | 18 40 | 175   | 0 50  | 16    | 12 59 | 67    | 9   | 9    | 5 56  | 187   | 20 19 | 172   | 0 49  | 106   | 13 7  | 4     |     |
|    | 10 | 7 28  | 177  | 19 18 | 166   | 1 16  | 28    | 13 29 | 62    | 10  | 10   | 6 28  | 179   | 21 27 | 162   | 1 28  | 116   | 13 53 | 16    |     |
|    | 11 | 7 52  | 175  | 20 4  | 155   | 1 42  | 43    | 14 2  | 59    | 11  | 下弦   | 7 6   | 168   | 22 50 | 156   | 2 16  | 125   | 14 52 | 32    |     |
|    | 12 | 8 18  | 172  | 21 0  | 143   | 2 9   | 62    | 14 41 | 58    | 12  | 12   | 8 1   | 153   |       |       | 3 31  | 130   | 16 9  | 46    |     |
|    | 13 | 8 46  | 167  | 22 19 | 131   | 2 38  | 83    | 15 38 | 58    | 13  | 13   | 0 14  | 156   | 9 58  | 139   | 5 39  | 124   | 17 41 | 57    |     |
|    | 14 | 9 21  | 161  |       |       | 3 13  | 105   | 17 11 | 56    | 14  | 14   | 1 13  | 160   | 12 20 | 140   | 7 16  | 105   | 19 2  | 62    |     |
|    | 15 | 1 21  | 129  | 10 8  | 155   | 4 51  | 126   | 18 54 | 45    | 15  | 15   | 1 55  | 167   | 13 50 | 153   | 8 8   | 82    | 20 4  | 67    |     |
|    | 16 | 3 31  | 148  | 11 37 | 149   | 7 27  | 132   | 20 12 | 28    | 16  | 16   | 2 28  | 173   | 14 54 | 166   | 8 49  | 58    | 20 54 | 73    |     |
|    | 17 | 4 9   | 165  | 13 48 | 156   | 8 58  | 125   | 21 15 | 10    | 17  | 17   | 2 57  | 180   | 15 46 | 178   | 9 26  | 37    | 21 38 | 81    |     |
|    | 18 | 4 41  | 178  | 15 3  | 172   | 9 55  | 112   | 22 9  | -5    | 18  | 18   | 3 26  | 185   | 16 32 | 186   | 10 2  | 20    | 22 18 | 89    |     |
|    | 19 | 5 12  | 186  | 15 57 | 188   | 10 38 | 96    | 22 56 | -13   | 19  | 19   | 3 53  | 189   | 17 15 | 189   | 10 37 | 8     | 22 55 | 97    |     |
|    | 20 | 朔     | 5 41 | 191   | 16 42 | 199   | 11 16 | 79    | 23 37 | -13 | 20   | 朔     | 4 21  | 191   | 17 55 | 189   | 11 13 | 3     | 23 30 | 104 |
|    | 21 | 6 8   | 191  | 17 25 | 202   | 11 52 | 63    |       |       | 21  | 21   | 4 49  | 190   | 18 34 | 185   | 11 48 | 4     |       |       |     |
|    | 22 | 6 33  | 190  | 18 8  | 197   | 0 14  | -3    | 12 28 | 50    | 22  | 22   | 5 16  | 187   | 19 12 | 178   | 0 3   | 109   | 12 23 | 9     |     |
|    | 23 | 6 57  | 187  | 18 50 | 186   | 0 46  | 14    | 13 2  | 41    | 23  | 23   | 5 45  | 182   | 19 51 | 171   | 0 35  | 114   | 12 59 | 18    |     |
|    | 24 | 7 18  | 184  | 19 33 | 170   | 1 15  | 36    | 13 38 | 38    | 24  | 24   | 6 14  | 175   | 20 34 | 163   | 1 7   | 117   | 13 37 | 29    |     |
|    | 25 | 7 38  | 179  | 20 20 | 153   | 1 40  | 59    | 14 15 | 40    | 25  | 25   | 6 46  | 166   | 21 22 | 156   | 1 42  | 120   | 14 19 | 41    |     |
|    | 26 | 7 58  | 174  | 21 14 | 136   | 2 1   | 81    | 14 58 | 47    | 26  | 26   | 7 24  | 154   | 22 18 | 152   | 2 26  | 123   | 15 8  | 54    |     |
|    | 27 | 8 18  | 166  | 22 37 | 122   | 2 14  | 100   | 15 59 | 56    | 27  | 27   | 8 23  | 141   | 23 18 | 152   | 3 36  | 124   | 16 9  | 66    |     |
|    | 28 | 8 39  | 156  |       |       | 1 56  | 116   | 17 33 | 62    | 28  | 上弦   | 10 19 | 132   |       |       | 5 47  | 118   | 17 22 | 75    |     |
|    |    |       |      |       |       |       |       |       | 29    | 29  | 0 14 | 155   | 12 21 | 133   | 7 16  | 103   | 18 35 | 81    |       |     |
|    |    |       |      |       |       |       |       |       | 30    | 30  | 1 0  | 160   | 13 47 | 144   | 8 0   | 85    | 19 36 | 85    |       |     |
|    |    |       |      |       |       |       |       |       | 31    | 31  | 1 38 | 166   | 14 49 | 157   | 8 35  | 65    | 20 27 | 89    |       |     |
| 3月 | 1  | 9 5   | 144  |       |       |       | 19 10 | 58    | 6月    | 1   | 2 13 | 173   | 15 40 | 172   | 9 7   | 45    | 21 13 | 93    |       |     |
|    | 2  | 4 11  | 144  | 12 37 | 133   | 8 51  | 131   | 20 21 | 48    | 2   | 2 46 | 180   | 16 26 | 184   | 9 41  | 26    | 21 56 | 98    |       |     |
|    | 3  | 4 16  | 153  | 14 34 | 144   | 9 37  | 118   | 21 14 | 37    | 3   | 3 19 | 187   | 17 10 | 192   | 10 16 | 10    | 22 38 | 104   |       |     |
|    | 4  | 4 31  | 161  | 15 19 | 157   | 10 3  | 105   | 21 56 | 26    | 4   | 望    | 3 54  | 192   | 17 55 | 196   | 10 55 | -1    | 23 20 | 109   |     |
|    | 5  | 4 48  | 167  | 15 54 | 170   | 10 29 | 92    | 22 32 | 19    | 5   | 5    | 4 30  | 196   | 18 42 | 194   | 11 36 | -6    |       |       |     |
|    | 6  | 望     | 5 6  | 172   | 16 25 | 179   | 10 53 | 80    | 23 4  | 15  | 6    | 5 7   | 196   | 19 31 | 189   | 0 2   | 114   | 12 20 | -5    |     |
|    | 7  | 5 24  | 176  |       |       |       |       |       |       |     |      |       |       |       |       |       |       |       |       |     |

# 千葉

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2023 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  | 1 46  | 180 | 16 25 | 185 | 9 9   | 28  | 21 30 | 124 | 10月 | 1     | 5 46  | 213   | 17 47 | 208   | 0 18 | 24    | 12 1  | 62  |
|    | 2  | 2 39  | 187 | 17 12 | 195 | 9 55  | 12  | 22 22 | 125 | 2   | 6 30  | 204   | 18 9  | 205   | 0 53  | 23   | 12 58 | 100   |     |
|    | 3  | 3 30  | 194 | 17 56 | 200 | 10 42 | 1   | 23 11 | 123 | 3   | 7 14  | 191   | 18 29 | 200   | 1 29  | 30   | 13 23 | 116   |     |
|    | 4  | 4 18  | 201 | 18 39 | 201 | 11 30 | -5  | 23 58 | 119 | 4   | 8 1   | 176   | 18 49 | 192   | 2 8   | 42   | 13 44 | 130   |     |
|    | 5  | 5 4   | 204 | 19 21 | 198 |       |     | 12 18 | -3  | 5   | 8 55  | 161   | 19 9  | 182   | 2 8   | 42   | 13 44 | 130   |     |
|    | 6  | 5 51  | 202 | 20 2  | 193 | 0 42  | 114 | 13 4  | 5   | 6   | 下弦    | 10 16 | 149   | 19 28 | 169   | 2 58 | 57    | 14 0  | 140 |
|    | 7  | 6 41  | 195 | 20 40 | 188 | 1 27  | 108 | 13 48 | 20  | 7   | 14 55 | 158   | 23 59 | 139   | 5 55  | 77   | 21 19 | 138   |     |
|    | 8  | 7 35  | 184 | 21 15 | 183 | 2 12  | 102 | 14 29 | 40  | 8   | 1 58  | 150   | 15 10 | 166   | 7 21  | 73   | 21 3  | 122   |     |
|    | 9  | 8 37  | 170 | 21 48 | 180 | 3 3   | 95  | 15 10 | 64  | 9   | 1 58  | 150   | 15 27 | 173   | 8 20  | 66   | 21 24 | 106   |     |
|    | 10 | 9 50  | 156 | 22 21 | 178 | 4 4   | 89  | 15 53 | 89  | 10  | 2 48  | 164   | 15 45 | 180   | 9 5   | 59   | 21 47 | 90    |     |
|    | 11 | 11 18 | 147 | 22 57 | 176 | 5 17  | 81  | 16 46 | 111 | 11  | 3 26  | 177   | 16 2  | 186   | 9 42  | 55   | 22 12 | 74    |     |
|    | 12 | 13 17 | 147 | 23 42 | 174 | 6 32  | 70  | 18 4  | 128 | 12  | 4 1   | 187   | 16 20 | 191   | 10 15 | 55   | 22 36 | 58    |     |
|    | 13 |       |     | 15 11 | 157 | 7 35  | 58  | 19 29 | 137 | 13  | 4 34  | 194   | 16 38 | 196   | 10 45 | 58   | 23 2  | 45    |     |
|    | 14 | 0 45  | 173 | 16 7  | 169 | 8 28  | 47  | 20 42 | 138 | 14  | 5 8   | 198   | 16 57 | 199   | 11 14 | 65   | 23 28 | 33    |     |
|    | 15 | 2 0   | 174 | 16 44 | 179 | 9 16  | 38  | 21 42 | 135 | 15  | 5 43  | 199   | 17 18 | 201   | 11 43 | 74   | 23 55 | 26    |     |
|    | 16 | 3 1   | 179 | 17 15 | 185 | 10 1  | 31  | 22 30 | 130 | 16  | 6 20  | 195   | 17 39 | 200   | 12 11 | 86   | 24 11 | 86    |     |
|    | 17 | 3 47  | 185 | 17 44 | 189 | 10 43 | 26  | 23 9  | 123 | 17  | 6 59  | 188   | 18 2  | 197   | 0 24  | 22   | 12 39 | 99    |     |
|    | 18 | 4 26  | 190 | 18 11 | 190 | 11 22 | 24  | 23 43 | 117 | 18  | 7 44  | 178   | 18 27 | 191   | 0 56  | 24   | 13 9  | 112   |     |
|    | 19 | 5 0   | 193 | 18 37 | 189 | 11 58 | 24  |       |     | 19  | 8 41  | 166   | 18 53 | 182   | 1 33  | 31   | 13 41 | 126   |     |
|    | 20 | 5 34  | 193 | 19 3  | 188 | 0 14  | 111 | 12 32 | 27  | 20  | 10 8  | 156   | 19 23 | 171   | 2 21  | 42   | 14 25 | 139   |     |
|    | 21 | 6 7   | 191 | 19 30 | 187 | 0 44  | 105 | 13 3  | 33  | 21  | 12 34 | 155   | 20 12 | 155   | 3 33  | 54   | 16 27 | 147   |     |
|    | 22 | 6 43  | 184 | 19 56 | 186 | 1 15  | 100 | 13 32 | 43  | 22  | 13 56 | 165   | 23 16 | 144   | 5 24  | 61   | 19 30 | 135   |     |
|    | 23 | 7 23  | 176 | 20 24 | 185 | 1 47  | 96  | 14 1  | 56  | 23  | 1 27  | 157   | 15 1  | 183   | 8 10  | 53   | 20 58 | 87    |     |
|    | 24 | 8 10  | 166 | 20 53 | 183 | 2 23  | 93  | 14 31 | 72  | 24  | 2 35  | 175   | 15 26 | 191   | 9 1   | 51   | 21 33 | 62    |     |
|    | 25 | 9 8   | 156 | 21 24 | 181 | 3 7   | 90  | 15 4  | 90  | 25  | 3 27  | 191   | 15 51 | 197   | 9 45  | 55   | 22 8  | 38    |     |
|    | 26 | 10 22 | 149 | 21 59 | 179 | 4 6   | 86  | 15 48 | 109 | 26  | 4 14  | 201   | 16 16 | 202   | 10 24 | 63   | 22 42 | 20    |     |
|    | 27 | 12 3  | 147 | 22 42 | 176 | 5 27  | 79  | 17 6  | 127 | 27  | 4 59  | 206   | 16 40 | 204   | 11 0  | 75   | 23 17 | 9     |     |
|    | 28 | 14 28 | 156 | 23 39 | 174 | 6 46  | 66  | 18 49 | 138 | 28  | 5 42  | 204   | 17 4  | 204   | 11 33 | 89   | 23 52 | 5     |     |
|    | 29 |       |     | 15 43 | 173 | 7 51  | 50  | 20 14 | 141 | 29  | 6 25  | 197   | 17 28 | 201   |       |      | 12 5  | 102   |     |
|    | 30 | 1 1   | 176 | 16 29 | 187 | 8 49  | 33  | 21 23 | 138 | 30  |       |       |       |       |       |      |       |       |     |
|    | 31 | 2 24  | 184 | 17 8  | 198 | 9 45  | 17  | 22 20 | 130 | 31  |       |       |       |       |       |      |       |       |     |
| 8月 | 1  | 3 27  | 196 | 17 45 | 204 | 10 38 | 5   | 23 7  | 119 | 11月 | 1     | 7 8   | 186   | 17 52 | 195   | 0 27 | 9     | 12 35 | 113 |
|    | 2  | 4 20  | 207 | 18 20 | 206 | 11 27 | 0   | 23 50 | 107 | 2   | 7 52  | 174   | 18 16 | 186   | 1 4   | 18   | 13 4  | 122   |     |
|    | 3  | 5 8   | 213 | 18 53 | 205 |       |     | 12 11 | 3   | 3   | 8 41  | 163   | 18 41 | 175   | 1 42  | 32   | 13 34 | 129   |     |
|    | 4  | 5 55  | 212 | 19 23 | 202 | 0 30  | 94  | 12 51 | 14  | 4   | 9 45  | 153   | 19 7  | 161   | 2 28  | 48   | 14 13 | 135   |     |
|    | 5  | 6 42  | 205 | 19 51 | 198 | 1 9   | 83  | 13 27 | 33  | 5   | 下弦    | 11 19 | 148   | 19 36 | 145   | 3 27 | 62    | 15 47 | 139 |
|    | 6  | 7 32  | 192 | 20 16 | 194 | 1 49  | 75  | 14 0  | 57  | 6   | 13 0  | 151   | 22 48 | 132   | 4 50  | 73   | 19 43 | 129   |     |
|    | 7  | 8 26  | 176 | 20 41 | 190 | 2 32  | 71  | 14 30 | 83  | 7   | 1 14  | 138   | 14 19 | 164   | 7 25  | 75   | 20 44 | 93    |     |
|    | 8  | 9 28  | 160 | 21 6  | 186 | 3 2   | 70  | 14 58 | 107 | 8   | 2 19  | 150   | 14 43 | 172   | 8 17  | 74   | 21 10 | 74    |     |
|    | 9  | 10 50 | 147 | 21 34 | 179 | 4 24  | 72  | 15 26 | 128 | 9   | 3 6   | 163   | 15 5  | 179   | 8 59  | 74   | 21 36 | 56    |     |
|    | 10 | 14 27 | 146 | 22 13 | 172 | 5 45  | 72  | 16 32 | 145 | 10  | 3 46  | 175   | 15 26 | 185   | 9 36  | 76   | 22 3  | 38    |     |
|    | 11 | 15 51 | 160 | 23 37 | 164 | 7 4   | 67  | 19 16 | 151 | 11  | 4 24  | 185   | 15 49 | 191   | 10 10 | 80   | 22 31 | 23    |     |
|    | 12 |       |     | 16 16 | 171 | 8 10  | 59  | 20 56 | 145 | 12  | 5 1   | 192   | 16 13 | 196   | 10 44 | 86   | 23 0  | 11    |     |
|    | 13 | 2 2   | 166 | 16 38 | 180 | 9 5   | 51  | 21 52 | 135 | 13  | 5 39  | 194   | 16 39 | 198   | 11 17 | 93   | 23 32 | 4     |     |
|    | 14 | 3 6   | 175 | 17 0  | 186 | 9 52  | 42  | 22 30 | 124 | 14  | 6 19  | 192   | 17 6  | 198   | 11 50 | 102  |       |       |     |
|    | 15 | 3 48  | 185 | 17 22 | 190 | 10 33 | 35  | 23 1  | 113 | 15  | 7 3   | 186   | 17 35 | 195   | 0 6   | 2    | 12 25 | 110   |     |
|    | 16 | 4 23  | 193 | 17 44 | 192 | 11 9  | 31  | 23 29 | 103 | 16  | 7 52  | 177   | 18 6  | 188   | 0 45  | 7    | 13 2  | 119   |     |
|    | 17 | 4 55  | 198 | 18 5  | 194 | 11 42 | 30  | 23 56 | 94  | 17  | 8 52  | 168   | 18 42 | 178   | 1 28  | 16   | 13 45 | 127   |     |
|    | 18 | 5 27  | 200 | 18 26 | 195 |       |     | 12 11 | 34  | 18  | 10 6  | 161   | 19 28 | 163   | 2 19  | 29   | 14 46 | 132   |     |
|    | 19 | 6 0   | 197 | 18 47 | 196 | 0 23  | 86  | 12 38 | 41  | 19  | 11 27 | 159   | 20 55 | 147   | 3 25  | 44   | 16 33 | 131   |     |
|    | 20 | 6 34  | 192 | 19 9  | 196 | 0 51  | 79  | 13 4  | 53  | 20  | 12 34 | 162   | 23 20 | 140   | 4 49  | 58   | 18 37 | 115   |     |
|    | 21 | 7 12  | 184 | 19 32 | 194 | 1 19  | 74  | 13 30 | 67  | 21  | 1 11  | 149   | 13 58 | 174   | 7 29  | 72   | 19 41 | 91    |     |
|    | 22 | 7 55  | 175 | 19 56 | 192 | 1 49  | 70  | 13 55 | 84  | 22  | 2 27  | 163   | 14 30 | 181   | 8 24  | 79   | 21 4  | 41    |     |
|    | 23 | 8 46  | 164 | 20 23 | 187 | 2 24  | 70  | 14 22 | 102 | 23  | 3 26  | 176   | 15 1  | 187   | 9 12  | 86   | 21 42 | 21    |     |
|    | 24 | 9 53  | 154 | 20 53 | 182 | 3 10  | 70  | 15 53 | 121 | 24  | 4 16  | 186   | 15 32 | 192   | 9 55  | 94   | 22 19 | 6     |     |
|    | 25 | 11 51 | 148 | 21 33 | 174 | 4 23  | 71  | 15 52 | 141 | 25  | 5 1   | 191   | 16 2  | 195   | 10 34 | 101  | 22 56 | -1    |     |
|    | 26 | 15 3  | 161 | 22 41 | 167 | 6 5   | 67  | 18 37 | 151 | 26  | 5 43  | 192   | 16 32 | 196   | 11 12 | 108  | 23 32 | -2    |     |
|    | 27 |       |     | 15 47 | 177 | 7 33  | 54  | 20 27 | 146 | 27  | 6 23  | 188   | 17 2  | 194   | 11 47 | 112  |       |       |     |
|    | 28 | 0 57  | 167 | 16 19 | 191 | 8 43  | 37  | 21 31 | 133 | 28  | 7 1   | 182   | 17 32 | 189   | 0 9   | 2    | 12 21 | 116   |     |
|    | 29 | 2 33  | 181 | 16 49 | 200 | 9 41  | 22  | 22 16 | 117 | 29  |       |       |       |       |       |      |       |       |     |
|    | 30 | 3 32  | 198 | 17 18 | 206 | 10 30 | 13  | 22 56 | 98  | 30  |       |       |       |       |       |      |       |       |     |
|    | 31 | 4 22  | 212 | 17 45 | 209 | 11 14 | 11  | 23 33 | 80  |     |       |       |       |       |       |      |       |       |     |
| 9月 | 1  | 5 7   | 218 | 18 11 | 209 | 11 53 | 19  |       | 12月 | 1   | 7 39  | 174   | 18 2  | 181   | 0 46  | 11   | 12 54 | 118   |     |
|    | 2  | 5 52  | 217 | 18 36 | 207 | 0 9   | 64  | 12 28 | 34  | 2   | 8 19  | 166   | 18 33 | 171   | 1 24  | 22   | 13 29 | 120   |     |
|    | 3  | 6 37  | 208 | 18 58 | 204 | 0 45  | 52  | 13 0  | 56  | 3   | 9 3   | 159   | 19 9  | 158   | 2 4   | 35   | 14 10 | 121   |     |
|    | 4  | 7 23  | 194 | 19 20 | 200 | 1 21  | 47  | 13 28 | 79  | 4   | 9 52  | 155   | 19 59 | 144   | 2 47  | 49   | 15 10 | 122   |     |
|    | 5  | 8 13  | 177 | 19 40 | 195 | 1 59  | 48  | 13 53 | 102 | 5   | 下弦    | 10 46 | 153   | 21 37 | 130   | 3 39 | 63    | 17 6  | 118 |
|    | 6  | 9 9   | 161 | 20 0  | 187 | 2 42  | 55  | 14 13 | 121 | 6   | 11 41 | 154   | 23 52 | 127   | 4 46  | 75   | 19 0  | 104   |     |
|    | 7  | 10 31 | 147 | 20 22 | 176 | 3 37  | 65  | 14 20 | 137 | 7   | 1 35  | 135   | 13 14 | 163   | 6 3   | 84   | 19 50 | 85    |     |
|    | 8  |       |     | 20 47 | 164 | 4 59  | 73  |       |     | 8   | 2 44  | 148   | 13 51 | 169   | 8 6   | 94   | 20 57 | 45    |     |
|    | 9  | </    |     |       |     |       |     |       |     |     |       |       |       |       |       |      |       |       |     |