

## 木更津

KISARAZU

2026 年

| 満 潮 |    |       |      |       | 干 潮   |       |      |       |       | 満 潮 |      |       |       |       | 干 潮   |       |       |       |       |    |
|-----|----|-------|------|-------|-------|-------|------|-------|-------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 日   |    | 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  | 4 3   | 161  | 13 59 | 172   | 8 47  | 125  | 21 24 | 3     | 4月  | 1    | 4 28  | 181   | 16 43 | 184   | 10 38 | 50    | 22 51 | 51    |    |
|     | 2  | 4 57  | 173  | 14 59 | 178   | 9 49  | 124  | 22 15 | -8    |     | 2    | 望     | 4 48  | 185   | 17 19 | 187   | 11 6  | 38    | 23 22 | 61 |
|     | 3  | 5 40  | 179  | 15 53 | 184   | 10 40 | 119  | 23 4  | -13   |     | 3    | 5 8   | 187   | 17 55 | 185   | 11 35 | 30    | 23 51 | 71    |    |
|     | 4  | 6 17  | 182  | 16 41 | 188   | 11 26 | 113  | 23 49 | -11   |     | 4    | 5 28  | 187   | 18 30 | 180   |       |       | 12 3  | 26    |    |
|     | 5  | 6 51  | 181  | 17 26 | 187   |       |      | 12 7  | 106   |     | 5    | 5 48  | 185   | 19 6  | 172   | 0 18  | 83    | 12 31 | 27    |    |
|     | 6  | 7 22  | 179  | 18 8  | 182   | 0 31  | -2   | 12 46 | 99    |     | 6    | 6 10  | 181   | 19 43 | 161   | 0 44  | 93    | 13 1  | 31    |    |
|     | 7  | 7 50  | 176  | 18 50 | 172   | 1 9   | 13   | 13 24 | 94    |     | 7    | 6 32  | 175   | 20 25 | 149   | 1 8   | 103   | 13 33 | 39    |    |
|     | 8  | 8 15  | 173  | 19 33 | 160   | 1 42  | 32   | 14 3  | 90    |     | 8    | 6 56  | 167   | 21 23 | 138   | 1 31  | 112   | 14 11 | 50    |    |
|     | 9  | 8 40  | 171  | 20 23 | 146   | 2 13  | 52   | 14 46 | 87    |     | 9    | 7 21  | 157   | 23 45 | 132   | 1 55  | 121   | 15 4  | 60    |    |
|     | 10 | 9 6   | 169  | 21 28 | 132   | 2 41  | 73   | 15 40 | 86    |     | 10   | 下弦    | 7 49  | 145   |       | 2 39  | 130   | 16 34 | 68    |    |
|     | 11 | 下弦    | 9 35 | 166   | 23 19 | 122   | 3 9  | 92    | 16 59 | 83  | 11   | 2 3   | 139   | 8 48  | 132   | 6 54  | 131   | 18 27 | 67    |    |
|     | 12 | 10 12 | 162  |       |       | 3 44  | 110  | 18 34 | 74    | 12  | 2 32 | 148   | 12 30 | 128   | 8 15  | 116   | 19 41 | 61    |       |    |
|     | 13 | 2 28  | 127  | 11 4  | 157   | 5 19  | 124  | 19 43 | 62    | 13  | 2 55 | 157   | 14 0  | 141   | 8 45  | 99    | 20 32 | 55    |       |    |
|     | 14 | 3 48  | 139  | 12 20 | 153   | 7 27  | 129  | 20 34 | 48    | 14  | 3 16 | 166   | 14 54 | 158   | 9 13  | 79    | 21 15 | 52    |       |    |
|     | 15 | 4 21  | 150  | 13 41 | 155   | 8 41  | 126  | 21 18 | 36    | 15  | 3 38 | 173   | 15 40 | 173   | 9 42  | 58    | 21 54 | 53    |       |    |
|     | 16 | 4 49  | 158  | 14 40 | 160   | 9 32  | 120  | 21 56 | 25    | 16  | 4 1  | 179   | 16 25 | 185   | 10 12 | 37    | 22 30 | 59    |       |    |
|     | 17 | 5 14  | 164  | 15 25 | 168   | 10 12 | 113  | 22 33 | 16    | 17  | 4 24 | 184   | 17 9  | 193   | 10 44 | 18    | 23 6  | 69    |       |    |
|     | 18 | 5 40  | 169  | 16 4  | 175   | 10 48 | 106  | 23 7  | 9     | 18  | 4 49 | 188   | 17 55 | 194   | 11 19 | 4     | 23 41 | 81    |       |    |
|     | 19 | 6 6   | 173  | 16 41 | 180   | 11 21 | 100  | 23 40 | 7     | 19  | 5 14 | 189   | 18 42 | 188   | 11 57 | -3    |       |       |       |    |
|     | 20 | 6 32  | 176  | 17 18 | 183   | 11 54 | 93   |       |       | 20  | 5 41 | 189   | 19 31 | 178   | 0 15  | 95    | 12 37 | -2    |       |    |
|     | 21 | 6 58  | 178  | 17 56 | 183   | 0 13  | 9    | 12 28 | 87    | 21  | 6 9  | 184   | 20 27 | 164   | 0 49  | 108   | 13 22 | 6     |       |    |
|     | 22 | 7 25  | 179  | 18 36 | 178   | 0 45  | 16   | 13 3  | 81    | 22  | 6 38 | 176   | 21 38 | 152   | 1 25  | 119   | 14 15 | 21    |       |    |
|     | 23 | 7 51  | 178  | 19 21 | 170   | 1 16  | 29   | 13 39 | 75    | 23  | 7 10 | 164   | 23 25 | 145   | 2 8   | 128   | 15 19 | 38    |       |    |
|     | 24 | 8 17  | 176  | 20 12 | 159   | 1 46  | 46   | 14 20 | 70    | 24  | 上弦   | 7 55  | 148   |       | 3 25  | 134   | 16 43 | 53    |       |    |
|     | 25 | 8 42  | 174  | 21 13 | 146   | 2 15  | 66   | 15 8  | 66    | 25  | 1 2  | 148   | 10 41 | 134   | 6 40  | 128   | 18 16 | 61    |       |    |
|     | 26 | 上弦    | 9 10 | 171   | 22 36 | 134   | 2 44 | 87    | 16 13 | 62  | 26   | 1 50  | 154   | 13 10 | 139   | 8 0   | 108   | 19 29 | 65    |    |
|     | 27 | 9 44  | 167  |       |       | 3 14  | 109  | 17 42 | 55    | 27  | 2 21 | 160   | 14 21 | 151   | 8 37  | 87    | 20 23 | 68    |       |    |
|     | 28 | 1 23  | 130  | 10 32 | 162   | 3 52  | 129  | 19 12 | 41    | 28  | 2 47 | 166   | 15 13 | 162   | 9 9   | 68    | 21 7  | 71    |       |    |
|     | 29 | 4 2   | 146  | 12 4  | 158   | 7 21  | 139  | 20 24 | 25    | 29  | 3 11 | 172   | 15 57 | 171   | 9 39  | 51    | 21 46 | 76    |       |    |
|     | 30 | 4 33  | 160  | 13 56 | 163   | 8 58  | 133  | 21 23 | 11    | 30  | 3 35 | 176   | 16 37 | 177   | 10 9  | 37    | 22 22 | 81    |       |    |
|     | 31 | 5 2   | 171  | 15 8  | 173   | 9 57  | 122  | 22 14 | 1     |     |      |       |       |       |       |       |       |       |       |    |
| 2月  | 1  | 5 29  | 178  | 16 2  | 183   | 10 41 | 109  | 22 59 | -3    | 5月  | 1    | 3 59  | 179   | 17 15 | 180   | 10 39 | 26    | 22 56 | 87    |    |
|     | 2  | 5 55  | 182  | 16 47 | 189   | 11 19 | 96   | 23 38 | 0     |     | 2    | 4 23  | 181   | 17 51 | 180   | 11 8  | 20    | 23 28 | 93    |    |
|     | 3  | 6 19  | 184  | 17 28 | 190   | 11 54 | 85   |       |       |     | 3    | 4 47  | 181   | 18 27 | 177   | 11 38 | 17    | 23 58 | 99    |    |
|     | 4  | 6 42  | 184  | 18 6  | 186   | 0 13  | 10   | 12 26 | 75    |     | 4    | 5 12  | 179   | 19 2  | 170   |       |       | 12 8  | 19    |    |
|     | 5  | 7 2   | 184  | 18 43 | 178   | 0 44  | 25   | 12 58 | 69    |     | 5    | 5 38  | 176   | 19 39 | 163   | 0 27  | 105   | 12 39 | 24    |    |
|     | 6  | 7 22  | 183  | 19 22 | 166   | 1 11  | 43   | 13 31 | 65    |     | 6    | 6 5   | 171   | 20 20 | 155   | 0 56  | 110   | 13 13 | 32    |    |
|     | 7  | 7 42  | 181  | 20 3  | 153   | 1 36  | 61   | 14 5  | 65    |     | 7    | 6 34  | 163   | 21 11 | 148   | 1 27  | 115   | 13 52 | 41    |    |
|     | 8  | 8 3   | 178  | 20 52 | 138   | 1 58  | 80   | 14 45 | 68    |     | 8    | 7 6   | 154   | 22 21 | 144   | 2 8   | 120   | 14 39 | 51    |    |
|     | 9  | 8 27  | 172  | 22 4  | 125   | 2 16  | 97   | 15 38 | 72    |     | 9    | 7 49  | 143   | 23 45 | 145   | 3 12  | 124   | 15 40 | 61    |    |
|     | 10 | 8 56  | 163  |       |       | 2 23  | 112  | 17 9  | 74    |     | 10   | 下弦    | 9 15  | 131   |       | 5 14  | 122   | 17 2  | 69    |    |
|     | 11 | 9 34  | 154  |       |       |       |      | 18 59 | 68    |     | 11   | 0 47  | 150   | 11 39 | 128   | 7 2   | 108   | 18 28 | 73    |    |
|     | 12 | 4 26  | 138  | 10 43 | 145   | 6 57  | 136  | 20 10 | 56    |     | 12   | 1 28  | 156   | 13 23 | 139   | 7 50  | 88    | 19 35 | 75    |    |
|     | 13 | 4 20  | 148  | 13 16 | 144   | 8 39  | 129  | 21 1  | 43    |     | 13   | 2 0   | 162   | 14 30 | 154   | 8 26  | 66    | 20 28 | 78    |    |
|     | 14 | 4 35  | 157  | 14 32 | 153   | 9 29  | 118  | 21 42 | 30    |     | 14   | 2 30  | 169   | 15 25 | 168   | 9 1   | 42    | 21 15 | 83    |    |
|     | 15 | 4 54  | 165  | 15 20 | 164   | 10 4  | 107  | 22 18 | 20    |     | 15   | 3 0   | 175   | 16 17 | 180   | 9 38  | 20    | 21 59 | 90    |    |
|     | 16 | 5 14  | 172  | 16 0  | 175   | 10 36 | 96   | 22 52 | 14    |     | 16   | 3 31  | 180   | 17 8  | 187   | 10 16 | 1     | 22 40 | 97    |    |
|     | 17 | 5 36  | 178  | 16 38 | 184   | 11 7  | 83   | 23 24 | 12    |     | 17   | 4 4   | 185   | 17 57 | 188   | 10 58 | -10   | 23 21 | 105   |    |
|     | 18 | 5 59  | 183  | 17 17 | 189   | 11 38 | 72   | 23 55 | 17    |     | 18   | 4 39  | 187   | 18 48 | 184   | 11 42 | -14   |       |       |    |
|     | 19 | 6 21  | 186  | 17 57 | 190   |       |      | 12 9  | 60    |     | 19   | 5 15  | 186   | 19 39 | 176   | 0 3   | 112   | 12 29 | -9    |    |
|     | 20 | 6 44  | 187  | 18 38 | 186   | 0 26  | 28   | 12 42 | 51    |     | 20   | 5 54  | 182   | 20 32 | 167   | 0 45  | 117   | 13 18 | 2     |    |
|     | 21 | 7 6   | 186  | 19 22 | 177   | 0 55  | 44   | 13 16 | 44    |     | 21   | 6 36  | 172   | 21 29 | 160   | 1 32  | 120   | 14 10 | 19    |    |
|     | 22 | 7 28  | 183  | 20 10 | 164   | 1 22  | 63   | 13 54 | 42    |     | 22   | 7 27  | 159   | 22 27 | 155   | 2 26  | 121   | 15 6  | 38    |    |
|     | 23 | 7 49  | 180  | 21 8  | 147   | 1 47  | 83   | 14 39 | 43    |     | 23   | 8 40  | 145   | 23 23 | 153   | 3 37  | 119   | 16 7  | 57    |    |
|     | 24 | 8 12  | 174  | 22 35 | 132   | 2 8   | 103  | 15 39 | 48    |     | 24   | 10 42 | 134   |       |       | 5 19  | 111   | 17 15 | 73    |    |
|     | 25 | 8 40  | 166  |       |       | 2 16  | 121  | 17 15 | 52    |     | 25   | 0 11  | 155   | 12 39 | 135   | 6 52  | 96    | 18 26 | 86    |    |
|     | 26 | 9 21  | 155  |       |       |       |      | 19 4  | 46    |     | 26   | 0 53  | 158   | 14 0  | 143   | 7 48  | 78    | 19 29 | 94    |    |
|     | 27 | 4 10  | 152  | 12 23 | 146   | 8 19  | 139  | 20 23 | 34    |     | 27   | 1 31  | 162   | 15 2  | 152   | 8 29  | 60    | 20 23 | 99    |    |
|     | 28 | 4 19  | 162  | 14 21 | 157   | 9 23  | 123  | 21 20 | 23    |     | 28   | 2 6   | 166   | 15 52 | 161   | 9 5   | 45    | 21 11 | 103   |    |
| 3月  | 1  | 4 37  | 171  | 15 20 | 171   | 9 59  | 106  | 22 5  | 16    | 6月  | 1    | 4 17  | 173   | 18 23 | 173   | 11 19 | 16    | 23 41 | 107   |    |
|     | 2  | 4 57  | 178  | 16 7  | 182   | 10 32 | 88   | 22 44 | 16    |     | 2    | 4 48  | 174   | 18 56 | 169   | 11 52 | 17    |       |       |    |
|     | 3  | 5 17  | 182  | 16 47 | 189   | 11 3  | 73   | 23 18 | 22    |     | 3    | 5 20  | 172   | 19 30 | 165   | 0 13  | 108   | 12 27 | 21    |    |
|     | 4  | 5 36  | 186  | 17 25 | 190   | 11 32 | 60   | 23 49 | 32    |     | 4    | 5 53  | 169   | 20 7  | 162   | 0 46  | 108   | 13 2  | 26    |    |
|     | 5  | 5 55  | 188  | 18 1  | 187   |       |      | 12 2  | 50    |     | 5    | 6 28  | 164   | 20 47 | 159   | 1 23  | 109   | 13 39 | 34    |    |
|     | 6  | 6 14  | 188  | 18 36 | 180   | 0 17  | 46   | 12 30 | 44    |     | 6    | 7 9   | 156   | 21 30 | 157   | 2 6   | 110   | 14 18 | 44    |    |
|     | 7  | 6 32  | 187  | 19 12 | 170   | 0 42  | 61   | 12 59 | 43    |     | 7    | 8 2   | 146   | 22 16 | 156   | 2 58  | 109   | 15 3  | 56    |    |
|     | 8  | 6 52  | 184  | 19 50 | 158   | 1 6   | 77   | 13 30 | 45    |     | 8    | 9 18  | 138   | 23 1  | 157   | 4 7   | 105   | 15 56 | 69    |    |
|     | 9  | 7 13  | 179  | 20 33 | 144   | 1 27  | 92   | 14 3  | 51    |     | 9    | 10 55 | 134   | 23 46 | 158   | 5 30  | 94    | 17 3  | 83    |    |
|     | 10 | 7 35  | 171  | 21 33 | 131   | 1 45  | 105  | 14 45 | 60    |     | 10   |       |       | 12 37 | 138   | 6 40  | 76    | 18 22 | 94    |    |
|     | 11 | 下弦    | 8 0  | 161   |       | 1 52  | 117  | 15 50 | 69    |     | 11   | 0 29  | 161   | 14 4  | 149   | 7 34  | 55    | 19 35 | 103   |    |
|     | 12 | 8 28  | 150  |       |       |       |      | 17 54 | 71    |     | 12   | 1 13  | 165   | 15 17 | 161   | 8 21  | 32    | 20 36 | 110   |    |
|     | 13 | 3 59  | 139  | 9 19  | 138   | 7 7   | 136  | 19 33 | 63    |     | 13   |       |       |       |       |       |       |       |       |    |

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| 満 潮 |     |       |      |       | 干 潮   |     |       |      |       | 満 潮   |     |       |       |       | 干 潮   |       |       |       |       |       |       |     |
|-----|-----|-------|------|-------|-------|-----|-------|------|-------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 日   | 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   | 4 37  | 172  | 18 42 | 170   | .   | 11 42 | 17   |       | 10月   | 1   | 7 54  | 167   | 18 45 | 180   | .     | 1 12  | 16    | 13 11 | 103   |       |     |
|     | 2   | 5 13  | 173  | 19 11 | 170   | .   | 0 1   | 103  | 12 16 | 18    | 2   | 8 53  | 152   | 19 11 | 173   | .     | 1 57  | 24    | 13 39 | 117   |       |     |
|     | 3   | 5 50  | 172  | 19 41 | 170   | .   | 0 35  | 99   | 12 50 | 23    | 3   | 10 25 | 139   | 19 40 | 162   | .     | 2 56  | 35    | 14 10 | 130   |       |     |
|     | 4   | 6 29  | 169  | 20 12 | 170   | .   | 1 11  | 96   | 13 23 | 31    | 4   | 13 40 | 141   | 20 30 | 147   | .     | 4 19  | 46    | 15 57 | 139   |       |     |
|     | 5   | 7 13  | 163  | 20 43 | 169   | .   | 1 49  | 93   | 13 56 | 42    | 5   |       |       | 14 32 | 150   | .     | 6 5   | 50    | 19 54 | 128   |       |     |
|     | 6   | 8 4   | 155  | 21 14 | 168   | .   | 2 31  | 89   | 14 31 | 57    | 6   | 0 13  | 140   | 14 57 | 159   | .     | 7 29  | 47    | 20 39 | 108   |       |     |
|     | 7   | 9 7   | 147  | 21 46 | 166   | .   | 3 20  | 83   | 15 8  | 74    | 7   | 1 55  | 152   | 15 20 | 167   | .     | 8 28  | 45    | 21 13 | 87    |       |     |
|     | 8   | 10 22 | 140  | 22 21 | 164   | .   | 4 21  | 75   | 15 53 | 92    | 8   | 2 54  | 166   | 15 42 | 174   | .     | 9 14  | 45    | 21 45 | 86    |       |     |
|     | 9   | 11 58 | 137  | 23 3  | 163   | .   | 5 35  | 63   | 16 58 | 110   | 9   | 3 42  | 177   | 16 3  | 179   | .     | 9 54  | 49    | 22 16 | 49    |       |     |
|     | 10  | 13 57 | 142  | 23 58 | 163   | .   | 6 48  | 47   | 18 38 | 124   | 10  | 4 25  | 184   | 16 25 | 183   | .     | 10 30 | 56    | 22 47 | 35    |       |     |
|     | 11  |       |      | 15 33 | 154   | .   | 7 52  | 29   | 20 8  | 129   | 11  | 朔     | 5 5   | 186   | 16 47 | 186   | .     | 11 3  | 66    | 23 17 | 26    |     |
|     | 12  | 1 10  | 165  | 16 34 | 166   | .   | 8 51  | 12   | 21 19 | 127   | 12  | 5 44  | 185   | 17 8  | 186   | .     | 11 34 | 77    | 23 47 | 22    |       |     |
|     | 13  | 2 24  | 170  | 17 19 | 175   | .   | 9 47  | -1   | 22 17 | 121   | 13  | 6 21  | 180   | 17 30 | 185   | .     |       |       | 12 4  | 88    |       |     |
|     | 14  | 3 29  | 178  | 17 58 | 179   | .   | 10 41 | -8   | 23 7  | 113   | 14  | 6 59  | 172   | 17 52 | 181   | .     | 0 18  | 23    | 12 32 | 98    |       |     |
|     | 15  | 4 24  | 184  | 18 33 | 181   | .   | 11 30 | -8   | 23 51 | 103   | 15  | 7 38  | 162   | 18 16 | 175   | .     | 0 50  | 28    | 12 59 | 107   |       |     |
|     | 16  | 5 14  | 187  | 19 4  | 180   | .   |       |      | 12 15 | -2    | 16  | 8 22  | 151   | 18 41 | 167   | .     | 1 24  | 37    | 13 26 | 115   |       |     |
|     | 17  | 6 2   | 184  | 19 32 | 179   | .   | 0 32  | 93   | 12 55 | 12    | 17  | 9 20  | 141   | 19 9  | 157   | .     | 2 3   | 48    | 13 58 | 122   |       |     |
|     | 18  | 6 48  | 177  | 19 58 | 177   | .   | 1 11  | 85   | 13 31 | 30    | 18  | 11 15 | 135   | 19 41 | 145   | .     | 2 56  | 59    | 14 56 | 129   |       |     |
|     | 19  | 7 35  | 167  | 20 21 | 175   | .   | 1 50  | 79   | 14 4  | 51    | 19  | 13 19 | 139   | 20 46 | 132   | .     | 4 16  | 68    | 18 9  | 129   |       |     |
|     | 20  | 8 25  | 154  | 20 45 | 173   | .   | 2 31  | 75   | 14 34 | 72    | 20  |       |       | 14 1  | 147   | .     | 6 1   | 70    | 19 51 | 115   |       |     |
|     | 21  | 上弦    | 9 26 | 141   | 21 11 | 170 | .     | 3 18 | 74    | 15 3  | 92  | 21    | 0 7   | 127   | 14 29 | 156   | .     | 7 17  | 66    | 20 27 | 98    |     |
|     | 22  | 10 50 | 130  | 21 42 | 164   | .   | 4 18  | 73   | 15 37 | 110   | 22  | 1 43  | 138   | 14 52 | 163   | .     | 8 10  | 62    | 20 56 | 80    |       |     |
|     | 23  | 13 20 | 129  | 22 23 | 158   | .   | 5 40  | 71   | 16 40 | 124   | 23  | 2 38  | 152   | 15 14 | 171   | .     | 8 53  | 60    | 21 24 | 60    |       |     |
|     | 24  | 15 22 | 139  | 23 27 | 152   | .   | 7 2   | 63   | 18 53 | 131   | 24  | 3 24  | 166   | 15 37 | 177   | .     | 9 31  | 61    | 21 53 | 40    |       |     |
|     | 25  |       |      | 16 6  | 148   | .   | 8 5   | 53   | 20 21 | 128   | 25  | 4 7   | 178   | 16 1  | 182   | .     | 10 8  | 66    | 22 24 | 21    |       |     |
|     | 26  | 1 6   | 149  | 16 35 | 156   | .   | 8 56  | 43   | 21 20 | 122   | 26  | 望     | 4 50  | 186   | 16 25 | 185   | .     | 10 43 | 73    | 22 58 | 7     |     |
|     | 27  | 2 22  | 153  | 17 2  | 162   | .   | 9 40  | 33   | 22 4  | 114   | 27  | 5 34  | 189   | 16 52 | 188   | .     | 11 17 | 84    | 23 35 | -2    |       |     |
|     | 28  | 3 13  | 160  | 17 27 | 167   | .   | 10 19 | 25   | 22 40 | 106   | 28  | 6 20  | 186   | 17 19 | 188   | .     | 11 52 | 95    |       |       |       |     |
|     | 29  | 3 55  | 168  | 17 51 | 171   | .   | 10 55 | 20   | 23 13 | 97    | 29  | 7 8   | 178   | 17 48 | 185   | .     | 0 15  | -3    | 12 26 | 106   |       |     |
|     | 30  | 4 33  | 174  | 18 16 | 175   | .   | 11 29 | 17   | 23 46 | 89    | 30  | 8 2   | 167   | 18 19 | 179   | .     | 0 59  | 3     | 13 2  | 116   |       |     |
|     | 31  | 5 10  | 178  | 18 41 | 177   | .   |       |      | 12 1  | 19    | 31  | 9 6   | 155   | 18 54 | 169   | .     | 1 50  | 15    | 13 45 | 125   |       |     |
| 8月  | 1   | 5 48  | 179  | 19 6  | 179   | .   | 0 18  | 82   | 12 32 | 25    | 11月 | 1     | 10 32 | 147   | 19 40 | 154   | .     | 2 50  | 31    | 14 48 | 130   |     |
|     | 2   | 6 28  | 176  | 19 30 | 179   | .   | 0 51  | 75   | 13 2  | 35    | 2   | 下弦    | 12 9  | 147   | 21 32 | 138   | .     | 4 4   | 47    | 16 58 | 129   |     |
|     | 3   | 7 11  | 171  | 19 55 | 178   | .   | 1 25  | 69   | 13 31 | 49    | 3   |       |       | 13 9  | 152   | .     | 5 32  | 59    | 19 16 | 112   |       |     |
|     | 4   | 7 59  | 163  | 20 19 | 176   | .   | 2 2   | 63   | 14 0  | 66    | 4   | 0 22  | 138   | 13 47 | 158   | .     | 6 51  | 65    | 20 6  | 91    |       |     |
|     | 5   | 8 54  | 152  | 20 45 | 173   | .   | 2 44  | 59   | 14 29 | 85    | 5   | 1 49  | 148   | 14 17 | 164   | .     | 7 52  | 70    | 20 43 | 70    |       |     |
|     | 6   | 下弦    | 10 2 | 141   | 21 14 | 169 | .     | 3 36 | 55    | 14 59 | 104 | 6     | 2 49  | 159   | 14 44 | 170   | .     | 8 40  | 75    | 21 17 | 51    |     |
|     | 7   | 11 47 | 133  | 21 54 | 164   | .   | 4 49  | 52   | 15 37 | 123   | 7   | 3 39  | 169   | 15 11 | 175   | .     | 9 23  | 81    | 21 49 | 35    |       |     |
|     | 8   | 15 5  | 140  | 23 0  | 158   | .   | 6 20  | 44   | 17 59 | 137   | 8   | 4 23  | 176   | 15 37 | 179   | .     | 10 1  | 86    | 22 21 | 24    |       |     |
|     | 9   |       |      | 16 3  | 154   | .   | 7 41  | 32   | 20 17 | 136   | 9   | 5 3   | 179   | 16 3  | 181   | .     | 10 37 | 92    | 22 53 | 17    |       |     |
|     | 10  | 1 3   | 157  | 16 36 | 166   | .   | 8 48  | 18   | 21 29 | 125   | 10  | 5 41  | 180   | 16 30 | 181   | .     | 11 12 | 97    | 23 24 | 15    |       |     |
|     | 11  | 2 36  | 166  | 17 6  | 174   | .   | 9 46  | 7    | 22 18 | 110   | 11  | 6 18  | 177   | 16 56 | 180   | .     | 11 44 | 102   | 23 56 | 16    |       |     |
|     | 12  | 3 39  | 178  | 17 33 | 179   | .   | 10 35 | 2    | 22 59 | 95    | 12  | 6 53  | 171   | 17 23 | 177   | .     |       |       | 12 14 | 107   |       |     |
|     | 13  | 4 30  | 186  | 17 59 | 183   | .   | 11 18 | 4    | 23 36 | 81    | 13  | 7 30  | 164   | 17 51 | 172   | .     | 0 29  | 21    | 12 44 | 111   |       |     |
|     | 14  | 5 15  | 190  | 18 22 | 184   | .   | 11 57 | 14   |       |       | 14  | 8 9   | 156   | 18 20 | 165   | .     | 1 3   | 29    | 13 17 | 115   |       |     |
|     | 15  | 5 58  | 188  | 18 44 | 185   | .   | 0 11  | 69   | 12 30 | 28    | 15  | 8 56  | 150   | 18 53 | 156   | .     | 1 40  | 39    | 13 57 | 119   |       |     |
|     | 16  | 6 39  | 181  | 19 5  | 184   | .   | 0 45  | 60   | 13 1  | 46    | 16  | 上弦    | 9 55  | 146   | 19 35 | 144   | .     | 2 23  | 50    | 14 54 | 122   |     |
|     | 17  | 7 21  | 170  | 19 25 | 182   | .   | 1 19  | 56   | 13 28 | 66    | 17  | 11 7  | 146   | 20 47 | 132   | .     | 3 16  | 61    | 16 35 | 120   |       |     |
|     | 18  | 8 5   | 157  | 19 46 | 179   | .   | 1 54  | 55   | 13 53 | 84    | 18  | 12 12 | 149   | 23 1  | 125   | .     | 4 25  | 71    | 18 37 | 109   |       |     |
|     | 19  | 8 55  | 144  | 20 9  | 173   | .   | 2 33  | 58   | 14 16 | 101   | 19  |       |       | 12 58 | 155   | .     | 5 51  | 78    | 19 33 | 90    |       |     |
|     | 20  | 上弦    | 10 6 | 132   | 20 36 | 165 | .     | 3 21 | 63    | 14 36 | 116 | 20    | 0 59  | 132   | 13 33 | 160   | .     | 7 5   | 82    | 20 10 | 69    |     |
|     | 21  |       |      | 21 11 | 155   | .   | 4 35  | 68   |       |       | 21  | 2 12  | 146   | 14 5  | 166   | .     | 8 2   | 85    | 20 44 | 47    |       |     |
|     | 22  | 15 43 | 139  | 22 11 | 144   | .   | 6 19  | 67   | 18 32 | 136   | 22  | 3 9   | 160   | 14 36 | 172   | .     | 8 51  | 89    | 21 19 | 25    |       |     |
|     | 23  |       |      | 15 55 | 148   | .   | 7 41  | 59   | 20 23 | 128   | 23  | 4 0   | 170   | 15 8  | 178   | .     | 9 34  | 94    | 21 56 | 5     |       |     |
|     | 24  | 0 49  | 140  | 16 14 | 156   | .   | 8 38  | 48   | 21 16 | 117   | 24  | 4 49  | 181   | 15 41 | 184   | .     | 10 16 | 100   | 22 37 | -9    |       |     |
|     | 25  | 2 19  | 148  | 16 34 | 163   | .   | 9 23  | 38   | 21 52 | 106   | 25  | 望     | 5 37  | 185   | 16 17 | 188   | .     | 10 57 | 106   | 23 20 | -15   |     |
|     | 26  | 3 8   | 158  | 16 55 | 169   | .   | 10 2  | 30   | 22 24 | 93    | 26  | 6 25  | 183   | 16 54 | 189   | .     | 11 38 | 111   |       |       |       |     |
|     | 27  | 3 49  | 169  | 17 17 | 175   | .   | 10 36 | 25   | 22 54 | 81    | 27  | 7 14  | 178   | 17 34 | 186   | .     | 0 6   | -14   | 12 20 | 115   |       |     |
|     | 28  | 4 27  | 177  | 17 39 | 180   | .   | 11 8  | 24   | 23 24 | 69    | 28  | 8 4   | 170   | 18 16 | 179   | .     | 0 54  | -5    | 13 5  | 117   |       |     |
|     | 29  | 5 5   | 183  | 18 1  | 184   | .   | 11 39 | 27   | 23 54 | 58    | 29  | 8 56  | 163   | 19 4  | 167   | .     | 1 44  | 10    | 13 55 | 118   |       |     |
|     | 30  | 5 44  | 185  | 18 23 | 185   | .   |       |      | 12 9  | 36    | 30  | 9 49  | 157   | 20 6  | 152   | .     | 2 36  | 29    | 14 56 | 117   |       |     |
|     | 31  | 6 24  | 183  | 18 45 | 185   | .   | 0 26  | 48   | 12 38 | 49    |     |       |       |       |       | .     |       |       |       |       |       |     |
| 9月  | 1   | 7 7   | 177  | 19 6  | 183   | .   | 0 58  | 41   | 13 5  | 66    | 12月 | 1     | 下弦    | 10 41 | 155   | 21 44 | 138   | .     | 3 31  | 50    | 16 19 | 111 |
|     | 2   | 7 53  | 167  | 19 28 | 180   | .   | 1 34  | 37   | 13 32 | 84    | 2   |       |       | 11 30 | 155   | 23 52 | 133   | .     | 4 33  | 69    | 18 7  | 99  |
|     | 3   | 8 47  | 153  | 19 52 | 175   | .   | 2 15  | 38   | 13 57 | 101   | 3   |       |       |       |       | 12 16 | 158   | .     | 5 44  | 86    | 19 20 | 81  |
|     | 4   | 下弦    | 10 0 | 139   | 20 19 | 168 | .     | 3 9  | 42    | 14 18 | 118 | 4     | 1 33  | 139   | 12 59 | 161   | .     | 6 56  | 98    | 20 9  | 62    |     |
|     | 5   |       |      | 20 58 | 158   | .   | 4 27  | 47   |       |       | 5   | 2 47  | 148   | 13 40 | 165   | .     | 7 58  | 104   | 20 49 | 46    |       |     |
|     | 6   | 15 33 | 147  | 22 50 | 147   | .   | 6 12  | 46   | 19 5  | 141   | 6   | 3 44  | 158   | 14 19 | 168   | .     | 8 51  | 108   | 21 26 | 32    |       |     |
|     | 7   |       |      | 15 47 | 158   | .   | 7 41  | 37   | 20 47 | 126   | 7   | 4 29  | 166   | 14 56 | 171   | .     | 9 37  | 109   | 22 1  | 22    |       |     |
|     | 8   | 1 39  | 152  | 16 8  | 167   | .   | 8 46  | 27   | 21 31 | 108   | 8   | 5 7   | 171   | 15 31 | 173   | .     | 10 18 | 109   | 22 35 | 16    |       |     |
|     | 9   | 2 52  | 166  | 16 30 | 174   | .   | 9 37  | 21   | 22 7  | 89    | 9   | 望     | 5 42  | 174   | 16 5  | 175   | .     | 10 55 |       |       |       |     |