

# 関空島

KANKUJIMA

2018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  | 6 40  | 139   | 17 37 | 144   |       |      | 12 4  | 81    | 4月 | 1  | 7 8  | 144  | 19 27 | 146   | 1 6   | 21   | 13 21 | 24    |    |
|    | 2  | 7 22  | 148   | 18 23 | 148   | 0 41  | -26  | 12 49 | 79    |    | 2  | 7 38 | 142  | 20 9  | 141   | 1 40  | 32   | 13 59 | 19    |    |
|    | 3  | 8 4   | 151   | 19 9  | 149   | 1 25  | -33  | 13 33 | 78    |    | 3  | 8 7  | 137  | 20 52 | 132   | 2 14  | 46   | 14 38 | 20    |    |
|    | 4  | 8 46  | 148   | 19 55 | 144   | 2 10  | -31  | 14 18 | 78    |    | 4  | 8 31 | 130  | 21 38 | 120   | 2 45  | 61   | 15 18 | 24    |    |
|    | 5  | 9 30  | 141   | 20 41 | 134   | 2 54  | -21  | 15 4  | 80    |    | 5  | 8 49 | 122  | 22 36 | 109   | 3 13  | 76   | 16 0  | 30    |    |
|    | 6  | 10 14 | 132   | 21 29 | 119   | 3 38  | -4   | 15 57 | 82    |    | 6  | 8 55 | 115  |       |       | 3 38  | 90   | 16 48 | 37    |    |
|    | 7  | 11 0  | 123   | 22 22 | 102   | 4 22  | 18   | 17 6  | 83    |    | 7  | 1 6  | 103  | 8 40  | 109   | 3 59  | 100  | 17 45 | 43    |    |
|    | 8  | 11 49 | 116   | 23 31 | 87    | 5 4   | 41   | 20 13 | 76    |    | 8  | 5 17 | 108  |       |       |       |      | 17 2  | 48    |    |
|    | 9  | 下弦    |       | 12 40 | 110   | 5 45  | 62   | 21 22 | 64    |    | 9  | 4 33 | 114  |       |       |       |      | 20 51 | 50    |    |
|    | 10 | 4 4   | 80    | 13 32 | 108   | 6 26  | 79   | 22 7  | 52    |    | 10 | 4 56 | 118  |       |       |       |      | 22 0  | 49    |    |
|    | 11 |       |       | 14 19 | 107   |       |      | 22 39 | 41    |    | 11 | 5 17 | 121  | 16 5  | 93    | 11 33 | 82   | 22 45 | 46    |    |
|    | 12 | 7 16  | 101   | 15 5  | 108   | 9 51  | 97   | 23 7  | 31    |    | 12 | 5 34 | 123  | 16 45 | 103   | 11 30 | 73   | 23 18 | 43    |    |
|    | 13 | 7 29  | 107   | 15 50 | 111   | 10 49 | 98   | 23 37 | 21    |    | 13 | 5 47 | 126  | 17 21 | 116   | 11 43 | 61   | 23 46 | 40    |    |
|    | 14 | 7 10  | 112   | 16 34 | 114   | 11 30 | 95   |       |       |    | 14 | 6 2  | 131  | 17 57 | 130   |       |      | 12 4  | 47    |    |
|    | 15 | 7 9   | 118   | 17 15 | 118   | 0 8   | 12   | 12 3  | 90    |    | 15 | 6 22 | 137  | 18 34 | 142   | 0 14  | 38   | 12 33 | 31    |    |
|    | 16 | 7 28  | 123   | 17 53 | 123   | 0 40  | 4    | 12 34 | 84    |    | 16 | 朔    | 6 48 | 143   | 19 14 | 150   | 0 46 | 38    | 13 6  | 17 |
|    | 17 | 7 53  | 127   | 18 30 | 127   | 1 10  | -1   | 13 4  | 79    |    | 17 | 7 17 | 146  | 19 57 | 153   | 1 20  | 41   | 13 44 | 7     |    |
|    | 18 | 8 19  | 129   | 19 6  | 129   | 1 39  | -3   | 13 36 | 74    |    | 18 | 7 48 | 145  | 20 43 | 149   | 1 56  | 50   | 14 25 | 2     |    |
|    | 19 | 8 47  | 129   | 19 43 | 128   | 2 8   | -3   | 14 10 | 72    |    | 19 | 8 19 | 140  | 21 35 | 139   | 2 35  | 63   | 15 11 | 4     |    |
|    | 20 | 9 17  | 127   | 20 22 | 123   | 2 39  | 1    | 14 48 | 70    |    | 20 | 8 49 | 131  | 22 40 | 128   | 3 17  | 79   | 16 2  | 10    |    |
|    | 21 | 9 49  | 124   | 21 5  | 116   | 3 11  | 9    | 15 32 | 70    |    | 21 | 上弦   | 9 12 | 121   |       |       | 4 7  | 96    | 17 2  | 19 |
|    | 22 | 10 25 | 120   | 21 52 | 106   | 3 45  | 20   | 16 24 | 70    |    | 22 | 0 25 | 118  | 8 1   | 112   | 5 24  | 109  | 18 11 | 29    |    |
|    | 23 | 11 3  | 115   | 22 50 | 95    | 4 22  | 33   | 17 30 | 67    |    | 23 | 3 46 | 123  |       |       |       |      | 19 34 | 37    |    |
|    | 24 | 11 4  | 111   |       |       | 5 1   | 49   | 18 50 | 60    |    | 24 | 4 36 | 127  | 13 52 | 94    | 11 42 | 91   | 20 58 | 42    |    |
|    | 25 | 上弦    | 0 8   | 87    | 12 27 | 107   | 5 48 | 66    | 20 10 | 48 | 25 | 4 52 | 128  | 15 27 | 102   | 11 31 | 83   | 22 0  | 44    |    |
|    | 26 | 2 9   | 85    | 13 18 | 106   | 7 3   | 81   | 21 16 | 34    |    | 26 | 4 47 | 129  | 16 23 | 114   | 11 5  | 71   | 22 46 | 46    |    |
|    | 27 | 5 51  | 98    | 14 21 | 108   | 8 53  | 91   | 22 12 | 17    |    | 27 | 5 4  | 133  | 17 10 | 126   | 11 22 | 56   | 23 25 | 49    |    |
|    | 28 | 6 18  | 110   | 15 30 | 113   | 10 22 | 92   | 23 2  | 0     |    | 28 | 5 30 | 138  | 17 54 | 136   | 11 52 | 41   |       |       |    |
|    | 29 | 6 24  | 122   | 16 33 | 122   | 11 17 | 88   | 23 48 | -16   |    | 29 | 6 0  | 143  | 18 36 | 142   | 0 3   | 52   | 12 27 | 28    |    |
|    | 30 | 6 43  | 132   | 17 29 | 133   |       |      | 12 0  | 80    |    | 30 | 望    | 6 30 | 145   | 19 18 | 145   | 0 38 | 58    | 13 3  | 19 |
|    | 31 | 望     | 7 12  | 139   | 18 19 | 142   | 0 31 | -28   | 12 40 | 71 |    |      |      |       |       |       |      |       |       |    |
| 2月 | 1  | 7 45  | 143   | 19 5  | 146   | 1 13  | -33  | 13 20 | 63    | 5月 | 1  | 6 59 | 145  | 20 1  | 143   | 1 13  | 65   | 13 40 | 15    |    |
|    | 2  | 8 20  | 143   | 19 50 | 144   | 1 54  | -30  | 14 1  | 57    |    | 2  | 7 26 | 141  | 20 45 | 139   | 1 47  | 74   | 14 17 | 15    |    |
|    | 3  | 8 56  | 138   | 20 34 | 135   | 2 34  | -18  | 14 44 | 55    |    | 3  | 7 49 | 135  | 21 34 | 132   | 2 20  | 83   | 14 55 | 20    |    |
|    | 4  | 9 31  | 131   | 21 18 | 121   | 3 12  | 0    | 15 29 | 56    |    | 4  | 8 6  | 129  | 22 32 | 125   | 2 53  | 93   | 15 34 | 27    |    |
|    | 5  | 10 6  | 122   | 22 5  | 104   | 3 48  | 23   | 16 21 | 58    |    | 5  | 8 15 | 122  | 23 58 | 120   | 3 29  | 102  | 16 16 | 35    |    |
|    | 6  | 10 38 | 114   | 23 1  | 88    | 4 20  | 45   | 17 34 | 59    |    | 6  | 8 2  | 115  |       |       | 4 23  | 109  | 17 2  | 44    |    |
|    | 7  | 11 4  | 107   |       |       | 4 41  | 65   | 19 33 | 55    |    | 7  | 2 9  | 120  |       |       |       |      | 17 54 | 52    |    |
|    | 8  | 下弦    | 11 16 | 103   |       |       |      | 20 56 | 47    |    | 8  | 3 19 | 123  |       |       |       |      | 19 3  | 60    |    |
|    | 9  | 11 5  | 101   |       |       |       |      | 21 55 | 39    |    | 9  | 3 59 | 126  |       |       |       |      | 20 42 | 64    |    |
|    | 10 | 7 44  | 103   |       |       |       |      | 22 40 | 30    |    | 10 | 4 25 | 127  | 15 31 | 96    | 11 2  | 82   | 21 46 | 66    |    |
|    | 11 | 7 27  | 107   |       |       |       |      | 23 18 | 22    |    | 11 | 4 39 | 128  | 16 19 | 107   | 11 1  | 71   | 22 28 | 66    |    |
|    | 12 | 6 52  | 110   | 16 23 | 100   | 11 36 | 91   | 23 51 | 15    |    | 12 | 4 51 | 131  | 17 0  | 120   | 11 13 | 58   | 23 4  | 66    |    |
|    | 13 | 6 52  | 115   | 17 11 | 107   | 11 59 | 84   |       |       |    | 13 | 5 11 | 136  | 17 40 | 134   | 11 37 | 41   | 23 40 | 65    |    |
|    | 14 | 7 7   | 120   | 17 49 | 115   | 0 22  | 8    | 12 23 | 76    |    | 14 | 5 37 | 143  | 18 22 | 147   |       |      | 12 9  | 23    |    |
|    | 15 | 7 26  | 124   | 18 25 | 123   | 0 50  | 3    | 12 49 | 67    |    | 15 | 朔    | 6 8  | 150   | 19 5  | 156   | 0 17 | 65    | 12 46 | 8  |
|    | 16 | 7 47  | 127   | 19 1  | 130   | 1 17  | -1   | 13 18 | 59    |    | 16 | 6 41 | 154  | 19 51 | 160   | 0 56  | 69   | 13 27 | -3    |    |
|    | 17 | 8 10  | 129   | 19 38 | 132   | 1 44  | -1   | 13 50 | 52    |    | 17 | 7 17 | 154  | 20 41 | 157   | 1 37  | 75   | 14 11 | -7    |    |
|    | 18 | 8 37  | 130   | 20 17 | 131   | 2 14  | -2   | 14 27 | 47    |    | 18 | 7 52 | 149  | 21 37 | 150   | 2 20  | 85   | 14 59 | -4    |    |
|    | 19 | 9 6   | 128   | 20 59 | 125   | 2 45  | 10   | 15 7  | 44    |    | 19 | 8 29 | 140  | 22 42 | 141   | 3 8   | 97   | 15 51 | 6     |    |
|    | 20 | 9 38  | 124   | 21 46 | 115   | 3 19  | 22   | 15 54 | 42    |    | 20 | 9 5  | 128  |       |       | 4 7   | 108  | 16 48 | 20    |    |
|    | 21 | 10 10 | 118   | 22 40 | 103   | 3 55  | 39   | 16 48 | 42    |    | 21 | 上弦   | 0 13 | 133   | 8 33  | 115   | 5 37 | 114   | 17 51 | 35 |
|    | 22 | 10 42 | 111   | 23 54 | 92    | 4 33  | 57   | 17 54 | 40    |    | 22 | 2 42 | 132  | 11 33 | 103   | 10 4  | 102  | 19 3  | 50    |    |
|    | 23 | 11 12 | 105   |       |       | 5 14  | 76   | 19 11 | 35    |    | 23 | 3 31 | 132  | 13 49 | 101   | 10 33 | 91   | 20 21 | 62    |    |
|    | 24 | 11 33 | 101   |       |       |       |      | 20 36 | 28    |    | 24 | 3 41 | 131  | 15 20 | 107   | 10 47 | 79   | 21 25 | 70    |    |
|    | 25 | 5 56  | 106   |       |       |       |      | 21 52 | 17    |    | 25 | 3 54 | 132  | 16 19 | 115   | 10 49 | 67   | 22 14 | 77    |    |
|    | 26 | 6 20  | 115   | 15 20 | 102   | 11 0  | 93   | 22 48 | 4     |    | 26 | 4 19 | 135  | 17 8  | 123   | 11 8  | 54   | 22 56 | 83    |    |
|    | 27 | 6 19  | 122   | 16 32 | 114   | 11 21 | 84   | 23 34 | -7    |    | 27 | 4 48 | 139  | 17 53 | 132   | 11 38 | 41   | 23 35 | 86    |    |
|    | 28 | 6 23  | 129   | 17 26 | 128   | 11 52 | 72   |       |       |    | 28 | 望    | 5 20 | 143   | 18 36 | 139   |      |       | 12 12 | 30 |
|    |    |       |       |       |       |       |      |       |       |    | 29 | 5 52 | 146  | 19 18 | 144   | 0 13  | 89   | 12 48 | 22    |    |
|    |    |       |       |       |       |       |      |       |       |    | 30 | 6 23 | 146  | 20 0  | 146   | 0 50  | 91   | 13 24 | 18    |    |
|    |    |       |       |       |       |       |      |       |       |    | 31 | 6 52 | 145  | 20 42 | 145   | 1 25  | 94   | 14 1  | 17    |    |
| 3月 | 1  | 6 46  | 136   | 18 13 | 140   | 0 15  | -14  | 12 27 | 58    | 6月 | 1  | 7 17 | 141  | 21 25 | 142   | 2 0   | 98   | 14 37 | 21    |    |
|    | 2  | 7 15  | 141   | 18 57 | 146   | 0 54  | -16  | 13 4  | 46    |    | 2  | 7 41 | 136  | 22 13 | 137   | 2 37  | 103  | 15 14 | 27    |    |
|    | 3  | 7 46  | 142   | 19 40 | 146   | 1 32  | -11  | 13 42 | 37    |    | 3  | 8 3  | 129  | 23 9  | 133   | 3 19  | 107  | 15 52 | 36    |    |
|    | 4  | 8 18  | 139   | 20 22 | 138   | 2 8   | 1    | 14 21 | 33    |    | 4  | 8 20 | 121  |       |       | 4 14  | 111  | 16 31 | 45    |    |
|    | 5  | 8 49  | 133   | 21 4  | 125   | 2 43  | 18   | 15 2  | 34    |    | 5  | 0 25 | 130  |       |       |       |      | 17 14 | 55    |    |
|    | 6  | 9 17  | 125   | 21 49 | 110   | 3 15  | 39   | 15 47 | 37    |    | 6  | 下弦   | 2 0  | 130   |       |       |      | 18 2  | 65    |    |
|    | 7  | 9 40  | 117   | 22 43 | 96    | 3 42  | 58   | 16 37 | 41    |    |    |      |      |       |       |       |      |       |       |    |

# 関空島

KANKUJIMA

2018 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  | 7 37  | 144 | 21 41 | 146 | 2 19  | 104 | 14 52 | 30  | 10月 | 1  | 11 25 | 133   | 21 35 | 136  | 4 52  | 52   | 16 36 | 120   |     |
|    | 2  | 8 14  | 138 | 22 20 | 143 | 2 59  | 106 | 15 26 | 38  | 2   | 下弦 |       |       | 15 55 | 135  | 6 3   | 55   |       |       |     |
|    | 3  | 8 55  | 131 | 23 2  | 139 | 3 46  | 107 | 16 1  | 47  | 3   |    |       |       | 16 52 | 144  | 7 26  | 56   |       |       |     |
|    | 4  | 9 45  | 123 | 23 47 | 136 | 4 46  | 107 | 16 38 | 59  | 4   |    |       |       | 17 18 | 149  | 8 53  | 53   | 23 37 | 116   |     |
|    | 5  | 10 47 | 114 |       |     | 6 12  | 104 | 17 20 | 71  | 5   |    | 2 54  | 124   | 17 17 | 152  | 9 57  | 48   | 23 58 | 105   |     |
|    | 6  | 0 33  | 134 | 12 7  | 108 | 8 6   | 95  | 18 8  | 83  | 6   |    | 4 3   | 137   | 17 24 | 157  | 10 46 | 43   | 22 17 | 90    |     |
|    | 7  | 1 16  | 133 | 13 50 | 108 | 8 52  | 83  | 19 13 | 95  | 7   |    | 4 54  | 152   | 17 46 | 163  | 11 27 | 41   | 23 47 | 73    |     |
|    | 8  | 1 57  | 134 | 15 40 | 116 | 9 28  | 89  | 20 34 | 104 | 8   |    | 5 39  | 164   | 18 14 | 168  |       |      | 12 5  | 42    |     |
|    | 9  | 2 40  | 137 | 16 58 | 128 | 10 7  | 53  | 21 49 | 109 | 9   | 朔  | 6 23  | 172   | 18 45 | 171  | 0 22  | 57   | 12 42 | 47    |     |
|    | 10 | 3 27  | 142 | 17 44 | 141 | 10 49 | 36  | 22 49 | 109 | 10  |    | 7 6   | 174   | 19 16 | 170  | 1 0   | 45   | 13 18 | 57    |     |
|    | 11 | 4 17  | 149 | 18 24 | 153 | 11 33 | 18  | 23 40 | 107 | 11  |    | 7 50  | 169   | 19 45 | 166  | 1 38  | 38   | 13 53 | 71    |     |
|    | 12 | 5 8   | 158 | 19 3  | 163 |       |     | 24 18 | 4   | 12  |    | 8 34  | 160   | 20 12 | 158  | 2 19  | 38   | 14 26 | 86    |     |
|    | 13 | 5 59  | 165 | 19 43 | 169 | 0 27  | 103 | 13 3  | -6  | 13  |    | 9 23  | 147   | 20 31 | 149  | 3 0   | 42   | 14 57 | 102   |     |
|    | 14 | 6 48  | 170 | 20 24 | 170 | 1 11  | 99  | 13 48 | -8  | 14  |    | 10 23 | 135   | 20 37 | 140  | 3 45  | 49   | 15 24 | 116   |     |
|    | 15 | 7 37  | 170 | 21 6  | 166 | 1 56  | 97  | 14 33 | -1  | 15  |    | 13 16 | 128   | 20 1  | 134  | 4 36  | 57   | 15 44 | 126   |     |
|    | 16 | 8 25  | 163 | 21 49 | 159 | 2 42  | 97  | 15 18 | 14  | 16  |    |       |       | 16 23 | 134  | 5 38  | 64   |       |       |     |
|    | 17 | 9 14  | 151 | 22 33 | 151 | 3 33  | 98  | 16 3  | 35  | 17  | 上弦 |       |       | 16 25 | 138  | 6 59  | 70   |       |       |     |
|    | 18 | 10 8  | 136 | 23 18 | 143 | 4 34  | 99  | 16 48 | 58  | 18  |    |       |       | 16 39 | 142  | 8 35  | 72   |       |       |     |
|    | 19 | 11 13 | 120 |       |     | 6 14  | 96  | 17 33 | 81  | 19  |    | 2 59  | 106   | 16 57 | 144  | 1 9   | 105  | 9 43  | 71    |     |
|    | 20 | 0 4   | 137 | 13 8  | 110 | 8 16  | 87  | 18 22 | 100 | 20  |    |       |       | 17 14 | 145  | 23 24 | 100  | 23 21 | 91    |     |
|    | 21 | 0 50  | 134 | 17 31 | 117 | 9 17  | 76  | 19 36 | 115 | 21  |    |       |       | 17 30 | 147  | 11 2  | 68   | 23 33 | 80    |     |
|    | 22 | 1 34  | 132 | 18 49 | 126 | 10 2  | 67  | 21 18 | 123 | 22  |    | 4 36  | 123   | 17 30 | 147  | 11 2  | 68   | 23 33 | 80    |     |
|    | 23 | 2 22  | 133 | 19 18 | 133 | 10 39 | 58  | 22 26 | 125 | 23  |    | 5 10  | 133   | 17 45 | 150  | 11 30 | 67   | 23 52 | 67    |     |
|    | 24 | 3 16  | 134 | 19 13 | 137 | 11 14 | 49  | 23 11 | 123 | 24  |    | 5 44  | 144   | 18 3  | 154  | 11 56 | 65   |       |       |     |
|    | 25 | 4 11  | 138 | 18 54 | 143 | 11 49 | 42  | 23 47 | 118 | 25  | 望  | 6 19  | 155   | 18 26 | 160  | 0 18  | 52   | 12 25 | 65    |     |
|    | 26 | 4 59  | 142 | 19 11 | 148 |       |     | 12 22 | 35  | 26  |    | 6 56  | 163   | 18 53 | 163  | 0 49  | 38   | 12 56 | 66    |     |
|    | 27 | 5 42  | 147 | 19 37 | 152 | 0 20  | 112 | 12 55 | 31  | 27  |    | 7 36  | 166   | 19 23 | 164  | 1 23  | 27   | 13 31 | 72    |     |
|    | 28 | 6 21  | 151 | 20 4  | 154 | 0 52  | 107 | 13 26 | 29  | 28  |    | 8 20  | 164   | 19 53 | 160  | 2 2   | 21   | 14 8  | 82    |     |
|    | 29 | 6 58  | 153 | 20 32 | 155 | 1 24  | 102 | 13 56 | 30  | 29  |    | 9 10  | 157   | 20 23 | 152  | 2 45  | 20   | 14 48 | 95    |     |
|    | 30 | 7 34  | 153 | 21 1  | 154 | 1 57  | 98  | 14 26 | 34  | 30  |    | 10 9  | 146   | 20 47 | 141  | 3 34  | 25   | 15 34 | 110   |     |
|    | 31 | 8 12  | 150 | 21 31 | 151 | 2 34  | 96  | 14 56 | 41  | 31  |    | 11 31 | 136   | 20 11 | 131  | 4 30  | 33   | 16 39 | 123   |     |
|    |    |       |     |       |     |       |     |       |     |     |    |       | 15 12 | 137   | 5 37 | 42    |      |       |       |     |
| 8月 | 1  | 8 53  | 144 | 22 4  | 148 | 3 16  | 95  | 15 29 | 51  | 11月 | 1  | 下弦    |       |       | 16 9 | 142   | 6 55 | 51    | 23 21 | 107 |
|    | 2  | 9 39  | 136 | 22 39 | 144 | 4 5   | 94  | 16 4  | 64  | 2   |    | 0 54  | 108   | 16 32 | 143  | 8 22  | 56   | 23 12 | 98    |     |
|    | 3  | 10 33 | 127 | 23 16 | 141 | 5 5   | 92  | 16 42 | 79  | 3   |    | 2 56  | 115   | 16 29 | 144  | 9 31  | 58   | 22 53 | 86    |     |
|    | 4  | 11 42 | 119 | 23 55 | 137 | 6 17  | 86  | 17 26 | 94  | 4   |    | 3 59  | 126   | 16 42 | 148  | 10 20 | 60   | 23 5  | 69    |     |
|    | 5  |       |     | 13 23 | 115 | 7 32  | 77  | 18 26 | 109 | 5   |    | 4 48  | 138   | 17 7  | 152  | 11 2  | 63   | 23 33 | 52    |     |
|    | 6  | 0 39  | 136 | 17 16 | 125 | 8 39  | 66  | 20 1  | 120 | 6   |    | 5 33  | 148   | 17 37 | 157  | 11 40 | 66   |       |       |     |
|    | 7  | 1 34  | 136 | 17 53 | 137 | 9 39  | 52  | 21 45 | 123 | 7   |    | 6 17  | 155   | 18 8  | 160  | 0 7   | 37   | 12 17 | 71    |     |
|    | 8  | 2 45  | 140 | 18 6  | 147 | 10 33 | 37  | 22 49 | 120 | 8   | 朔  | 7 1   | 158   | 18 39 | 160  | 0 44  | 26   | 12 53 | 77    |     |
|    | 9  | 3 59  | 147 | 18 22 | 157 | 11 21 | 22  | 23 35 | 113 | 9   |    | 7 44  | 157   | 19 8  | 156  | 1 22  | 20   | 13 28 | 86    |     |
|    | 10 | 5 1   | 158 | 18 49 | 166 |       |     | 12 6  | 9   | 10  |    | 8 30  | 152   | 19 33 | 150  | 2 0   | 19   | 14 2  | 95    |     |
|    | 11 | 5 54  | 169 | 19 22 | 172 | 0 16  | 103 | 12 49 | 2   | 11  |    | 9 18  | 145   | 19 51 | 142  | 2 39  | 24   | 14 36 | 104   |     |
|    | 12 | 6 43  | 177 | 19 56 | 174 | 0 57  | 93  | 13 30 | 3   | 12  |    | 10 14 | 136   | 19 55 | 133  | 3 19  | 31   | 15 12 | 112   |     |
|    | 13 | 7 29  | 179 | 20 32 | 172 | 1 38  | 85  | 14 11 | 12  | 13  |    | 11 31 | 130   | 19 31 | 126  | 4 1   | 41   | 16 2  | 119   |     |
|    | 14 | 8 15  | 173 | 21 8  | 166 | 2 21  | 81  | 14 51 | 29  | 14  | 上弦 |       |       | 13 53 | 128  | 4 45  | 50   |       |       |     |
|    | 15 | 9 1   | 160 | 21 43 | 157 | 3 7   | 80  | 15 30 | 51  | 15  |    |       |       | 15 7  | 131  | 5 37  | 60   |       |       |     |
|    | 16 | 9 50  | 143 | 22 17 | 149 | 3 59  | 82  | 16 7  | 75  | 16  |    |       |       | 15 44 | 133  | 6 44  | 68   |       |       |     |
|    | 17 | 10 49 | 126 | 22 47 | 141 | 5 7   | 83  | 16 40 | 97  | 17  |    |       |       | 16 10 | 134  | 8 26  | 74   | 23 2  | 85    |     |
|    | 18 | 15 8  | 116 | 23 7  | 135 | 6 49  | 81  | 16 53 | 115 | 18  |    | 3 35  | 100   | 16 27 | 135  | 9 34  | 76   | 23 3  | 75    |     |
|    | 19 |       |     | 22 56 | 133 | 8 17  | 76  |       |     | 19  |    | 4 20  | 109   | 16 39 | 136  | 10 15 | 78   | 23 12 | 62    |     |
|    | 20 |       |     | 19 0  | 136 | 9 22  | 69  |       |     | 20  |    | 4 56  | 119   | 16 54 | 139  | 10 49 | 78   | 23 30 | 47    |     |
|    | 21 |       |     | 19 1  | 140 | 10 12 | 63  |       |     | 21  |    |       |       | 17 17 | 145  | 11 21 | 77   |       |       |     |
|    | 22 |       |     | 18 33 | 143 | 10 53 | 56  | 23 17 | 124 | 22  | 望  | 5 32  | 131   | 17 17 | 145  | 11 21 | 77   | 23 56 | 30    |     |
|    | 23 | 4 6   | 132 | 18 29 | 147 | 11 29 | 50  | 23 41 | 117 | 23  |    | 6 9   | 143   | 18 18 | 151  | 11 56 | 76   |       |       |     |
|    | 24 | 4 56  | 138 | 18 46 | 151 |       |     | 12 2  | 44  | 24  |    | 6 49  | 153   | 18 18 | 156  | 0 29  | 14   | 12 33 | 77    |     |
|    | 25 | 5 36  | 146 | 19 7  | 155 | 0 7   | 108 | 12 33 | 40  | 25  |    | 7 32  | 158   | 18 52 | 158  | 1 7   | 11   | 13 12 | 80    |     |
|    | 26 | 6 13  | 153 | 19 29 | 158 | 0 34  | 100 | 13 1  | 38  | 26  |    | 8 19  | 159   | 19 28 | 155  | 1 48  | -6   | 13 54 | 86    |     |
|    | 27 | 6 48  | 159 | 19 52 | 160 | 1 3   | 91  | 13 28 | 39  | 27  |    | 9 9   | 153   | 20 4  | 147  | 2 33  | -5   | 14 38 | 95    |     |
|    | 28 | 7 23  | 162 | 20 17 | 160 | 1 34  | 84  | 13 56 | 42  | 28  |    | 10 7  | 145   | 20 41 | 135  | 3 22  | 2    | 15 30 | 105   |     |
|    | 29 | 8 1   | 161 | 20 45 | 159 | 2 9   | 79  | 14 25 | 49  | 29  |    | 11 16 | 136   | 21 20 | 121  | 4 15  | 14   | 16 39 | 112   |     |
|    | 30 | 8 41  | 156 | 21 14 | 156 | 2 48  | 75  | 14 58 | 59  | 30  | 下弦 |       |       | 13 35 | 130  | 5 13  | 29   |       |       |     |
|    | 31 | 9 26  | 148 | 21 45 | 151 | 3 32  | 74  | 15 32 | 74  | 31  |    |       |       | 15 4  | 130  | 6 20  | 45   | 22 11 | 93    |     |
| 9月 | 1  | 10 18 | 138 | 22 17 | 145 | 4 24  | 73  | 16 10 | 91  | 12月 | 1  | 0 50  | 99    | 15 24 | 130  | 7 39  | 58   | 22 33 | 79    |     |
|    | 2  | 11 26 | 127 | 22 47 | 139 | 5 26  | 71  | 16 53 | 108 | 2   |    | 2 50  | 102   | 15 34 | 130  | 8 54  | 68   | 22 42 | 65    |     |
|    | 3  | 16 9  | 125 | 23 14 | 134 | 6 39  | 67  | 18 0  | 123 | 3   |    | 4 4   | 110   | 15 58 | 133  | 9 51  | 76   | 22 57 | 50    |     |
|    | 4  |       |     | 17 17 | 137 | 7 59  | 61  |       |     | 4   |    | 4 57  | 119   | 16 27 | 137  | 10 36 | 82   | 23 24 | 35    |     |
|    | 5  |       |     | 17 48 | 146 | 9 16  | 52  | 22 40 | 127 | 5   |    | 5 43  | 127   | 17 0  | 141  | 11 17 | 85   | 23 57 | 22    |     |
|    | 6  | 2 36  | 133 | 17 53 | 153 | 10 17 | 41  | 22 57 | 118 | 6   |    | 6 25  | 135   | 17 34 | 144  | 11 56 | 87   |       |       |     |
|    | 7  | 4 1   | 143 | 17 59 | 1   |       |     |       |     |     |    |       |       |       |      |       |      |       |       |     |