

# 久慈

KUJI

2021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  | 5 47 | 127   | 15 42 | 141   | 10 27 | 96    | 23 9  | -1    | 4月 | 1  | 4 50 | 133   | 18 24 | 116   | 11 39 | 2     | 23 34 | 67    |       |    |
|    | 2  | 6 23 | 125   | 16 20 | 138   | 11 3  | 94    | 23 46 | 4     |    | 2  | 5 15 | 135   | 19 23 | 105   | 12 22 | 3     | 23 58 | 78    |       |    |
|    | 3  | 6 57 | 123   | 17 1  | 133   | 11 44 | 90    |       |       |    | 3  | 5 43 | 134   | 20 49 | 95    |       |       | 13 11 | 9     |       |    |
|    | 4  | 7 30 | 122   | 17 49 | 124   | 0 23  | 13    | 12 32 | 85    |    | 4  | 6 15 | 129   |       |       | 0 19  | 87    | 14 13 | 18    |       |    |
|    | 5  | 8 1  | 121   | 18 46 | 113   | 1 0   | 25    | 13 29 | 79    |    | 5  | 6 53 | 120   |       |       |       |       | 15 40 | 27    |       |    |
|    | 6  | 下弦   | 8 31  | 121   | 20 5  | 101   | 1 39  | 40    | 14 42 | 71 |    | 6    | 7 54  | 108   |       |       |       | 17 22 | 31    |       |    |
|    | 7  |      | 9 4   | 123   | 22 10 | 93    | 2 22  | 56    | 16 7  | 59 |    | 7    | 1 52  | 103   | 10 25 | 100   | 6 18  | 91    | 18 39 | 30    |    |
|    | 8  |      | 9 41  | 125   |       |       | 3 14  | 73    | 17 27 | 43 |    | 8    | 2 10  | 107   | 12 32 | 103   | 7 25  | 77    | 19 33 | 29    |    |
|    | 9  |      | 0 52  | 97    | 10 27 | 128   | 4 23  | 88    | 18 34 | 27 |    | 9    | 2 30  | 111   | 13 40 | 110   | 8 5   | 62    | 20 14 | 29    |    |
|    | 10 |      | 2 29  | 108   | 11 22 | 132   | 5 45  | 99    | 19 31 | 12 |    | 10   | 2 49  | 115   | 14 30 | 116   | 8 39  | 48    | 20 49 | 32    |    |
|    | 11 |      | 3 26  | 117   | 12 21 | 137   | 7 3   | 105   | 20 23 | 1  |    | 11   | 3 7   | 118   | 15 12 | 120   | 9 11  | 36    | 21 20 | 37    |    |
|    | 12 |      | 4 10  | 124   | 13 19 | 141   | 8 8   | 105   | 21 9  | -7 |    | 12   | 3 25  | 121   | 15 52 | 122   | 9 41  | 26    | 21 49 | 44    |    |
|    | 13 | 朔    | 4 48  | 127   | 14 13 | 145   | 9 1   | 102   | 21 52 | -9 |    | 13   | 3 44  | 123   | 16 29 | 122   | 10 11 | 18    | 22 15 | 52    |    |
|    | 14 |      | 5 22  | 127   | 15 1  | 146   | 9 47  | 97    | 22 32 | -7 |    | 14   | 4 3   | 125   | 17 7  | 120   | 10 41 | 13    | 22 41 | 60    |    |
|    | 15 |      | 5 52  | 126   | 15 47 | 145   | 10 29 | 90    | 23 8  | -1 |    | 15   | 4 23  | 126   | 17 44 | 116   | 11 11 | 11    | 23 5  | 67    |    |
|    | 16 |      | 6 19  | 124   | 16 30 | 140   | 11 10 | 84    | 23 41 | 8  |    | 16   | 4 43  | 126   | 18 24 | 111   | 11 42 | 12    | 23 27 | 74    |    |
|    | 17 |      | 6 43  | 123   | 17 13 | 132   | 11 52 | 78    |       |    |    | 17   | 5 3   | 124   | 19 9  | 105   | 12 15 | 15    | 23 48 | 80    |    |
|    | 18 |      | 7 6   | 122   | 17 56 | 121   | 0 11  | 19    | 12 35 | 72 |    | 18   | 5 25  | 121   | 20 8  | 99    |       |       | 12 54 | 20    |    |
|    | 19 |      | 7 29  | 122   | 18 44 | 109   | 0 39  | 32    | 13 25 | 68 |    | 19   | 5 47  | 117   | 21 42 | 95    | 0 9   | 86    | 13 42 | 26    |    |
|    | 20 |      | 7 55  | 121   | 19 41 | 98    | 1 6   | 45    | 14 23 | 64 |    | 20   | 上弦    | 6 12  | 111   |       | 0 31  | 92    | 14 53 | 31    |    |
|    | 21 | 上弦   | 8 23  | 120   | 21 5  | 88    | 1 32  | 59    | 15 35 | 59 |    | 21   | 6 46  | 104   |       |       |       |       | 16 25 | 33    |    |
|    | 22 |      | 8 56  | 119   | 23 57 | 86    | 1 58  | 72    | 16 55 | 52 |    | 22   | 1 7   | 102   | 8 55  | 95    | 6 11  | 93    | 17 47 | 31    |    |
|    | 23 |      | 9 37  | 118   |       |       | 2 25  | 84    | 18 4  | 42 |    | 23   | 1 28  | 107   | 11 51 | 97    | 7 5   | 80    | 18 49 | 30    |    |
|    | 24 |      | 10 33 | 117   |       |       |       | 100   | 19 0  | 30 |    | 24   | 1 48  | 111   | 13 15 | 107   | 7 39  | 64    | 19 39 | 31    |    |
|    | 25 |      | 3 11  | 105   | 11 40 | 119   | 6 16  | 100   | 19 48 | 19 |    | 25   | 2 7   | 115   | 14 16 | 117   | 8 12  | 45    | 20 22 | 36    |    |
|    | 26 |      | 3 37  | 112   | 12 42 | 122   | 7 35  | 100   | 20 30 | 9  |    | 26   | 望     | 2 27  | 121   | 15 9  | 125   | 8 46  | 26    | 21 0  | 45 |
|    | 27 |      | 4 4   | 117   | 13 34 | 128   | 8 27  | 98    | 21 9  | 1  |    | 27   | 2 48  | 127   | 16 0  | 129   | 9 23  | 9     | 21 36 | 56    |    |
|    | 28 |      | 4 32  | 120   | 14 20 | 133   | 9 8   | 94    | 21 47 | -5 |    | 28   | 3 12  | 133   | 16 52 | 128   | 10 1  | -3    | 22 9  | 68    |    |
|    | 29 | 望    | 4 59  | 122   | 15 3  | 137   | 9 45  | 89    | 22 23 | -7 |    | 29   | 3 39  | 139   | 17 44 | 123   | 10 42 | -10   | 22 40 | 78    |    |
|    | 30 |      | 5 26  | 123   | 15 45 | 138   | 10 21 | 82    | 22 58 | -4 |    | 30   | 4 8   | 142   | 18 40 | 116   | 11 24 | -10   | 23 11 | 86    |    |
|    | 31 |      | 5 52  | 123   | 16 29 | 136   | 10 58 | 75    | 23 32 | 3  |    |      |       |       |       |       |       |       |       |       |    |
| 2月 | 1  |      | 6 15  | 123   | 17 14 | 130   | 11 36 | 66    |       |    | 5月 | 1    | 4 40  | 142   | 19 45 | 109   | 12 9  | -4    | 23 43 | 92    |    |
|    | 2  |      | 6 38  | 123   | 18 2  | 121   | 0 3   | 15    | 12 19 | 58 |    | 2    | 5 15  | 137   | 21 5  | 103   |       |       | 12 58 | 7     |    |
|    | 3  |      | 7 0   | 124   | 18 58 | 109   | 0 34  | 30    | 13 6  | 51 |    | 3    | 5 55  | 128   | 22 36 | 101   | 0 24  | 95    | 13 56 | 19    |    |
|    | 4  |      | 7 24  | 125   | 20 8  | 96    | 1 3   | 48    | 14 4  | 45 |    | 4    | 下弦    | 6 45  | 116   | 23 45 | 103   | 1 34  | 97    | 15 9  | 31 |
|    | 5  | 下弦   | 7 52  | 127   | 22 16 | 87    | 1 30  | 65    | 15 17 | 39 |    | 5    | 8 6   | 103   |       |       | 3 54  | 94    | 16 32 | 39    |    |
|    | 6  |      | 8 27  | 127   |       |       | 1 52  | 81    | 16 47 | 33 |    | 6    | 0 27  | 106   | 10 30 | 96    | 5 52  | 82    | 17 45 | 45    |    |
|    | 7  |      | 9 15  | 125   |       |       |       |       | 18 14 | 23 |    | 7    | 0 57  | 110   | 12 25 | 99    | 6 54  | 66    | 18 42 | 48    |    |
|    | 8  |      | 10 32 | 124   |       |       |       |       | 19 24 | 13 |    | 8    | 1 23  | 115   | 13 35 | 105   | 7 36  | 51    | 19 28 | 52    |    |
|    | 9  |      | 3 39  | 113   | 12 7  | 125   | 7 7   | 104   | 20 19 | 4  |    | 9    | 1 46  | 119   | 14 27 | 112   | 8 12  | 38    | 20 7  | 57    |    |
|    | 10 |      | 4 3   | 118   | 13 22 | 129   | 8 18  | 97    | 21 4  | -1 |    | 10   | 2 9   | 122   | 15 11 | 117   | 8 45  | 26    | 20 43 | 62    |    |
|    | 11 |      | 4 28  | 120   | 14 20 | 134   | 9 6   | 88    | 21 43 | -3 |    | 11   | 2 31  | 126   | 15 51 | 121   | 9 16  | 17    | 21 15 | 68    |    |
|    | 12 | 朔    | 4 51  | 121   | 15 8  | 137   | 9 45  | 78    | 22 18 | 0  |    | 12   | 2 54  | 128   | 16 29 | 122   | 9 47  | 10    | 21 46 | 74    |    |
|    | 13 |      | 5 12  | 121   | 15 51 | 136   | 10 21 | 69    | 22 48 | 6  |    | 13   | 3 17  | 130   | 17 7  | 122   | 10 19 | 6     | 22 14 | 79    |    |
|    | 14 |      | 5 31  | 121   | 16 31 | 133   | 10 56 | 60    | 23 16 | 15 |    | 14   | 3 41  | 131   | 17 45 | 120   | 10 50 | 6     | 22 41 | 84    |    |
|    | 15 |      | 5 49  | 122   | 17 11 | 126   | 11 31 | 53    | 23 41 | 25 |    | 15   | 4 6   | 131   | 18 25 | 116   | 11 23 | 8     | 23 9  | 88    |    |
|    | 16 |      | 6 8   | 122   | 17 51 | 118   | 12 7  | 48    |       |    |    | 16   | 4 31  | 129   | 19 11 | 112   | 11 58 | 12    | 23 37 | 91    |    |
|    | 17 |      | 6 27  | 122   | 18 34 | 108   | 0 5   | 37    | 12 46 | 46 |    | 17   | 4 58  | 126   | 20 7  | 108   |       |       | 12 37 | 17    |    |
|    | 18 |      | 6 48  | 122   | 19 23 | 98    | 0 27  | 50    | 13 28 | 44 |    | 18   | 5 28  | 121   | 21 15 | 106   | 0 13  | 95    | 13 23 | 23    |    |
|    | 19 |      | 7 9   | 120   | 20 29 | 89    | 0 45  | 62    | 14 20 | 44 |    | 19   | 6 5   | 114   | 22 26 | 107   | 1 6   | 97    | 14 21 | 30    |    |
|    | 20 | 上弦   | 7 32  | 117   |       |       | 0 57  | 73    | 15 30 | 43 |    | 20   | 上弦    | 7 7   | 105   | 23 21 | 109   | 2 51  | 97    | 15 34 | 37 |
|    | 21 |      | 8 0   | 114   |       |       |       |       | 16 58 | 40 |    | 21   | 9 16  | 97    | 23 59 | 112   | 5 5   | 88    | 16 49 | 43    |    |
|    | 22 |      | 8 43  | 110   |       |       |       |       | 18 18 | 32 |    | 22   | 11 38 | 99    |       |       | 6 13  | 72    | 17 55 | 49    |    |
|    | 23 |      | 3 36  | 102   | 10 23 | 107   | 5 48  | 101   | 19 19 | 11 |    | 23   | 0 28  | 117   | 13 9  | 108   | 6 59  | 53    | 18 50 | 57    |    |
|    | 24 |      | 3 27  | 108   | 12 17 | 111   | 7 39  | 97    | 20 8  | 11 |    | 24   | 0 55  | 123   | 14 17 | 117   | 7 40  | 33    | 19 39 | 66    |    |
|    | 25 |      | 3 42  | 113   | 13 26 | 118   | 8 26  | 90    | 20 50 | 2  |    | 25   | 1 23  | 130   | 15 16 | 125   | 8 21  | 14    | 20 22 | 76    |    |
|    | 26 |      | 4 2   | 116   | 14 18 | 126   | 9 1   | 81    | 21 28 | -2 |    | 26   | 望     | 1 54  | 137   | 16 11 | 129   | 9 3   | -1    | 21 3  | 86 |
|    | 27 | 望    | 4 23  | 118   | 15 6  | 131   | 9 34  | 70    | 22 4  | -2 |    | 27   | 2 27  | 144   | 17 5  | 129   | 9 46  | -10   | 21 41 | 93    |    |
|    | 28 |      | 4 43  | 120   | 15 51 | 134   | 10 7  | 58    | 22 37 | 4  |    | 28   | 3 2   | 149   | 17 58 | 126   | 10 30 | -13   | 22 20 | 97    |    |
|    |    |      |       |       |       |       |       |       |       |    |    | 29   | 3 41  | 150   | 18 52 | 122   | 11 15 | -9    | 23 0  | 99    |    |
|    |    |      |       |       |       |       |       |       |       |    |    | 30   | 4 22  | 147   | 19 45 | 117   | 12 1  | 0     | 23 46 | 99    |    |
|    |    |      |       |       |       |       |       |       |       |    |    | 31   | 5 6   | 140   | 20 37 | 114   |       |       | 12 47 | 12    |    |
| 3月 | 1  |      | 5 3   | 122   | 16 37 | 133   | 10 42 | 46    | 23 9  | 16 | 6月 | 1    | 下弦    | 5 54  | 130   | 21 25 | 112   | 0 42  | 97    | 13 36 | 25 |
|    | 2  |      | 5 22  | 124   | 17 23 | 127   | 11 19 | 35    | 23 38 | 30 |    | 2    | 6 52  | 117   | 22 10 | 113   | 1 56  | 94    | 14 29 | 39    |    |
|    | 3  |      | 5 42  | 126   | 18 12 | 118   | 11 59 | 27    |       |    |    | 3    | 8 12  | 105   | 22 52 | 115   | 3 33  | 87    | 15 28 | 51    |    |
|    | 4  |      | 6 3   | 129   | 19 7  | 106   | 0 4   | 46    | 12 42 | 23 |    | 4    | 10 7  | 97    | 23 30 | 118   | 5 4   | 76    | 16 32 | 61    |    |
|    | 5  |      | 6 28  | 130   |       |       |       |       |       |    |    |      |       |       |       |       |       |       |       |       |    |

# 久慈

KUJI

2021 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    |       |     |
| 7月 | 1  | 6 52  | 122 | 20 44 | 125 | 1 40  | 86 | 13 42 | 49  | 10月 | 1     |       |       | 14 5  | 123   | 4 59 | 56    |       |     |
|    | 2  | 7 59  | 110 | 21 17 | 126 | 2 50  | 80 | 14 22 | 64  | 2   | 14 10 | 128   | 23 57 | 118   | 6 16  | 51   | 19 34 | 106   |     |
|    | 3  | 9 33  | 101 | 21 55 | 127 | 4 7   | 72 | 15 10 | 77  | 3   |       |       | 14 25 | 132   | 7 11  | 44   | 19 58 | 94    |     |
|    | 4  | 11 43 | 101 | 22 37 | 128 | 5 19  | 62 | 16 12 | 88  | 4   | 1 11  | 127   | 14 42 | 135   | 7 56  | 40   | 20 25 | 80    |     |
|    | 5  | 13 31 | 107 | 23 24 | 130 | 6 18  | 51 | 17 26 | 97  | 5   | 2 4   | 136   | 15 0  | 138   | 8 35  | 39   | 20 54 | 65    |     |
|    | 6  |       |     | 14 34 | 116 | 7 7   | 40 | 18 37 | 103 | 6   | 朔     | 2 52  | 144   | 15 19 | 146   | 9 10 | 44    | 21 25 | 49  |
|    | 7  | 0 11  | 132 | 15 17 | 123 | 7 50  | 31 | 19 36 | 105 | 7   | 3 37  | 149   | 15 38 | 146   | 9 44  | 52   | 21 59 | 35    |     |
|    | 8  | 0 57  | 135 | 15 54 | 128 | 8 30  | 23 | 20 25 | 106 | 8   | 4 24  | 150   | 15 59 | 150   | 10 15 | 64   | 22 34 | 25    |     |
|    | 9  | 1 39  | 138 | 16 28 | 131 | 9 8   | 17 | 21 7  | 105 | 9   | 5 11  | 146   | 16 22 | 154   | 10 44 | 77   | 23 13 | 19    |     |
|    | 10 | 2 18  | 142 | 17 1  | 133 | 9 45  | 13 | 21 44 | 104 | 10  | 6 2   | 139   | 16 47 | 155   | 11 11 | 90   | 23 54 | 19    |     |
|    | 11 | 2 57  | 144 | 17 34 | 133 | 10 22 | 12 | 22 20 | 102 | 11  | 7 0   | 129   | 17 15 | 154   | 11 37 | 101  |       |       |     |
|    | 12 | 3 35  | 145 | 18 6  | 133 | 10 57 | 13 | 22 56 | 99  | 12  | 8 20  | 119   | 17 47 | 149   | 0 41  | 25   | 12 1  | 109   |     |
|    | 13 | 4 13  | 144 | 18 37 | 132 | 11 32 | 17 | 23 35 | 95  | 13  | 上弦    |       | 18 24 | 141   | 1 39  | 35   |       |       |     |
|    | 14 | 4 55  | 140 | 19 6  | 132 |       |    | 12 7  | 24  | 14  |       |       | 19 23 | 129   | 3 0   | 45   |       |       |     |
|    | 15 | 5 41  | 134 | 19 34 | 131 | 0 18  | 90 | 12 43 | 35  | 15  | 13 19 | 123   | 21 47 | 118   | 4 43  | 50   | 17 52 | 111   |     |
|    | 16 | 6 35  | 125 | 20 2  | 132 | 1 7   | 84 | 13 19 | 49  | 16  |       |       | 13 39 | 127   | 6 7   | 51   | 19 0  | 95    |     |
|    | 17 | 7 43  | 115 | 20 31 | 133 | 2 6   | 76 | 13 58 | 64  | 17  | 0 9   | 121   | 14 0  | 131   | 7 5   | 51   | 19 41 | 79    |     |
|    | 18 | 9 20  | 107 | 21 4  | 135 | 3 17  | 67 | 14 43 | 81  | 18  | 1 23  | 128   | 14 19 | 134   | 7 49  | 53   | 20 16 | 63    |     |
|    | 19 | 11 46 | 107 | 21 45 | 138 | 4 35  | 55 | 15 41 | 97  | 19  | 2 15  | 135   | 14 38 | 138   | 8 26  | 56   | 20 49 | 50    |     |
|    | 20 | 13 51 | 116 | 22 37 | 141 | 5 48  | 42 | 17 0  | 109 | 20  | 望     | 2 59  | 140   | 14 57 | 141   | 8 58 | 61    | 21 20 | 39  |
|    | 21 | 15 0  | 126 | 23 41 | 145 | 6 53  | 28 | 18 24 | 116 | 21  | 3 39  | 142   | 15 17 | 143   | 9 28  | 68   | 21 51 | 31    |     |
|    | 22 |       |     | 15 48 | 133 | 7 51  | 17 | 19 37 | 118 | 22  | 4 18  | 142   | 15 37 | 145   | 9 56  | 76   | 22 22 | 26    |     |
|    | 23 | 0 47  | 149 | 16 27 | 137 | 8 43  | 9  | 20 38 | 114 | 23  | 4 56  | 140   | 15 58 | 145   | 10 23 | 84   | 22 52 | 24    |     |
|    | 24 | 1 48  | 154 | 17 1  | 138 | 9 30  | 6  | 21 28 | 108 | 24  | 5 33  | 137   | 16 19 | 145   | 10 48 | 91   | 23 24 | 26    |     |
|    | 25 | 2 43  | 157 | 17 31 | 137 | 10 13 | 7  | 22 12 | 100 | 25  | 6 13  | 131   | 16 40 | 142   | 11 12 | 97   | 23 57 | 30    |     |
|    | 26 | 3 33  | 156 | 17 58 | 136 | 10 52 | 13 | 22 55 | 92  | 26  | 6 58  | 125   | 17 2  | 138   | 11 36 | 102  |       |       |     |
|    | 27 | 4 20  | 153 | 18 21 | 136 | 11 27 | 23 | 23 37 | 85  | 27  | 7 54  | 119   | 17 24 | 133   | 0 34  | 37   | 12 0  | 107   |     |
|    | 28 | 5 6   | 146 | 18 42 | 136 | 11 58 | 35 |       |     | 28  | 9 21  | 115   | 17 46 | 126   | 1 19  | 44   | 12 29 | 111   |     |
|    | 29 | 5 52  | 137 | 19 4  | 136 | 0 20  | 79 | 12 27 | 48  | 29  | 下弦    | 11 32 | 116   | 18 7  | 117   | 2 24 | 50    | 14 18 | 115 |
|    | 30 | 6 42  | 126 | 19 28 | 136 | 1 7   | 74 | 12 54 | 63  | 30  |       |       | 12 30 | 120   | 3 55  | 54   |       |       |     |
|    | 31 | 7 40  | 115 | 19 55 | 136 | 2 0   | 70 | 13 21 | 76  | 31  | 12 57 | 124   | 23 41 | 109   | 5 20  | 54   | 18 59 | 93    |     |
| 8月 | 1  | 8 59  | 107 | 20 25 | 135 | 3 3   | 67 | 13 49 | 90  | 11月 | 1     |       |       | 13 19 | 128   | 6 24 | 53    | 19 26 | 77  |
|    | 2  | 11 23 | 104 | 21 2  | 133 | 4 16  | 62 | 14 22 | 102 | 2   | 1 3   | 119   | 13 39 | 132   | 7 14  | 54   | 19 55 | 59    |     |
|    | 3  |       |     | 21 55 | 131 | 5 29  | 56 |       |     | 3   | 2 2   | 129   | 14 0  | 137   | 7 57  | 58   | 20 26 | 41    |     |
|    | 4  | 14 51 | 121 | 23 9  | 130 | 6 31  | 47 | 18 6  | 116 | 4   | 2 53  | 138   | 14 22 | 143   | 8 36  | 65   | 21 1  | 23    |     |
|    | 5  |       |     | 15 19 | 128 | 7 24  | 39 | 19 28 | 115 | 5   | 3 42  | 144   | 14 46 | 149   | 9 12  | 75   | 21 38 | 10    |     |
|    | 6  | 0 23  | 133 | 15 45 | 133 | 8 9   | 31 | 20 21 | 112 | 6   | 4 31  | 145   | 15 12 | 154   | 9 45  | 86   | 22 17 | 2     |     |
|    | 7  | 1 21  | 138 | 16 11 | 136 | 8 50  | 24 | 21 0  | 107 | 7   | 5 22  | 141   | 15 42 | 155   | 10 18 | 95   | 22 58 | 0     |     |
|    | 8  | 2 9   | 143 | 16 37 | 138 | 9 28  | 19 | 21 36 | 102 | 8   | 6 16  | 135   | 16 14 | 157   | 10 49 | 103  | 23 42 | 6     |     |
|    | 9  | 2 52  | 147 | 17 2  | 139 | 10 4  | 18 | 22 10 | 95  | 9   | 7 17  | 127   | 16 50 | 153   | 11 23 | 108  |       |       |     |
|    | 10 | 3 34  | 149 | 17 26 | 139 | 10 39 | 20 | 22 44 | 87  | 10  | 8 31  | 120   | 17 30 | 144   | 0 30  | 16   | 12 3  | 110   |     |
|    | 11 | 4 17  | 149 | 17 49 | 140 | 11 11 | 26 | 23 20 | 79  | 11  | 上弦    | 9 55  | 117   | 18 19 | 132   | 1 24 | 29    | 13 9  | 111 |
|    | 12 | 5 1   | 145 | 18 11 | 141 | 11 43 | 37 | 23 59 | 71  | 12  | 11 6  | 117   | 19 34 | 118   | 2 31  | 42   | 15 9  | 107   |     |
|    | 13 | 5 48  | 138 | 18 33 | 142 |       |    | 12 13 | 51  | 13  | 11 52 | 120   | 21 57 | 108   | 3 53  | 53   | 17 26 | 94    |     |
|    | 14 | 6 42  | 129 | 18 56 | 143 | 0 42  | 64 | 12 42 | 67  | 14  |       |       | 12 25 | 123   | 5 12  | 61   | 18 31 | 78    |     |
|    | 15 | 7 48  | 119 | 19 22 | 144 | 1 33  | 58 | 13 10 | 83  | 15  | 0 9   | 110   | 12 52 | 128   | 6 15  | 66   | 19 16 | 61    |     |
|    | 16 | 9 31  | 110 | 19 54 | 144 | 2 35  | 54 | 13 36 | 99  | 16  | 1 25  | 117   | 13 18 | 132   | 7 4   | 70   | 19 53 | 46    |     |
|    | 17 |       |     | 20 37 | 143 | 3 56  | 49 |       |     | 17  | 2 19  | 124   | 13 42 | 136   | 7 47  | 75   | 20 27 | 33    |     |
|    | 18 |       |     | 21 45 | 141 | 5 25  | 43 |       |     | 18  | 3 3   | 130   | 14 7  | 139   | 8 24  | 80   | 20 59 | 23    |     |
|    | 19 | 15 11 | 131 | 23 25 | 140 | 6 43  | 34 | 18 36 | 123 | 19  | 望     | 3 43  | 134   | 14 31 | 141   | 8 59 | 85    | 21 31 | 16  |
|    | 20 |       |     | 15 36 | 136 | 7 46  | 26 | 19 53 | 116 | 20  | 4 21  | 136   | 14 56 | 143   | 9 31  | 90   | 22 2  | 13    |     |
|    | 21 | 0 53  | 145 | 16 1  | 139 | 8 36  | 21 | 20 43 | 106 | 21  | 4 57  | 135   | 15 22 | 143   | 10 1  | 94   | 22 34 | 12    |     |
|    | 22 | 1 58  | 150 | 16 24 | 140 | 9 19  | 20 | 21 24 | 95  | 22  | 5 34  | 133   | 15 47 | 142   | 10 30 | 98   | 23 6  | 15    |     |
|    | 23 | 2 50  | 154 | 16 45 | 140 | 9 55  | 23 | 22 2  | 84  | 23  | 6 12  | 129   | 16 13 | 140   | 10 58 | 100  | 23 40 | 19    |     |
|    | 24 | 3 37  | 154 | 17 4  | 141 | 10 28 | 30 | 22 38 | 74  | 24  | 6 55  | 125   | 16 40 | 136   | 11 28 | 102  |       |       |     |
|    | 25 | 4 20  | 152 | 17 23 | 142 | 10 57 | 39 | 23 14 | 66  | 25  | 7 44  | 121   | 17 8  | 129   | 0 16  | 25   | 12 4  | 104   |     |
|    | 26 | 5 2   | 146 | 17 41 | 143 | 11 24 | 51 | 23 51 | 61  | 26  | 下弦    | 8 42  | 118   | 17 42 | 121   | 0 57 | 32    | 12 56 | 106 |
|    | 27 | 5 45  | 138 | 18 1  | 143 | 11 48 | 64 |       |     | 27  | 9 46  | 118   | 18 32 | 111   | 1 47  | 40   | 14 34 | 105   |     |
|    | 28 | 6 30  | 129 | 18 22 | 143 | 0 29  | 58 | 12 11 | 76  | 28  | 10 42 | 119   | 20 30 | 101   | 2 52  | 48   | 16 54 | 95    |     |
|    | 29 | 7 21  | 120 | 18 43 | 141 | 1 11  | 58 | 12 32 | 88  | 29  | 11 24 | 121   | 23 14 | 100   | 4 8   | 56   | 18 2  | 80    |     |
|    | 30 | 8 30  | 112 | 19 6  | 137 | 2 0   | 59 | 12 47 | 99  | 30  | 11 57 | 125   |       |       | 5 20  | 63   | 18 44 | 61    |     |
|    | 31 |       |     | 19 33 | 133 | 3 5   | 60 |       |     |     |       |       |       |       |       |      |       |       |     |
| 9月 | 1  |       |     | 20 12 | 128 | 4 29  | 59 |       |     | 12月 | 1     | 0 55  | 109   | 12 27 | 130   | 6 21 | 70    | 19 23 | 41  |
|    | 2  | 14 53 | 124 | 21 58 | 124 | 5 51  | 54 | 18 18 | 121 | 2   | 2 4   | 120   | 12 57 | 137   | 7 13  | 78   | 20 2  | 21    |     |
|    | 3  |       |     | 14 58 | 130 | 6 55  | 46 | 19 39 | 115 | 3   | 3 1   | 130   | 13 28 | 144   | 7 59  | 87   | 20 42 | 5     |     |
|    | 4  | 0 5   | 127 | 15 15 | 134 | 7 45  | 37 | 20 17 | 107 | 4   | 朔     | 3 55  | 136   | 14 2  | 151   | 8 41 | 95    | 21 24 | -7  |
|    | 5  | 1 14  | 133 | 15 34 | 137 | 8 27  | 31 | 20 49 | 98  | 5   | 4 46  | 137   | 14 39 | 156   | 9 21  | 101  | 22 8  | -11   |     |
|    | 6  | 2 6   | 141 | 15 55 | 139 | 9 5   | 27 | 21 19 | 87  | 6   | 5 37  | 135   | 15 18 | 158   | 9 59  | 105  | 22 52 | -10   |     |
|    | 7  | 2 52  | 147 | 16 15 | 141 | 9 40  | 27 | 21 50 | 76  | 7   | 6 28  | 131   | 15 59 | 156   | 10 40 | 105  | 23 37 | -2    |     |
|    | 8  | 3 36  | 151 | 16 34 | 143 | 10 13 | 33 | 22 23 | 64  | 8   | 7 17  | 126   | 16 43 | 149   | 11 24 | 104  |       |       |     |
|    | 9  | 4 20  | 151 | 16 54 | 145 | 10 44 |    |       |     |     |       |       |       |       |       |      |       |       |     |