

# むつ小川原

MUTSUOGAWARA

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 43  | 120 | 15 44 | 137 | 10 20 | 89 | 23 9  | -2  | 4月 | 1  | 4 46  | 129  | 18 21 | 109   | 11 36 | -3   | 23 28 | 62    |    |
|    | 2  | 6 19  | 118 | 16 22 | 135 | 10 55 | 86 | 23 45 | 3   |    | 2  | 5 13  | 131  | 19 21 | 98    | 12 19 | -2   | 23 52 | 73    |    |
|    | 3  | 6 52  | 116 | 17 4  | 129 | 11 36 | 83 |       |     |    | 3  | 5 43  | 130  | 20 53 | 89    |       |      | 13 9  | 5     |    |
|    | 4  | 7 24  | 115 | 17 50 | 121 | 0 21  | 11 | 12 23 | 78  |    | 4  | 6 17  | 125  |       | 0 14  | 81    |      | 14 12 | 15    |    |
|    | 5  | 7 54  | 115 | 18 47 | 109 | 0 58  | 23 | 13 21 | 73  |    | 5  | 6 57  | 116  |       |       |       |      | 15 42 | 24    |    |
|    | 6  | 8 25  | 116 | 20 4  | 97  | 1 38  | 37 | 14 35 | 65  |    | 6  | 8 1   | 104  |       |       |       |      | 17 25 | 27    |    |
|    | 7  | 8 59  | 118 | 22 6  | 89  | 2 21  | 53 | 16 3  | 54  |    | 7  | 1 50  | 96   | 10 27 | 95    | 6 9   | 86   | 18 41 | 27    |    |
|    | 8  | 9 38  | 121 |       |     | 3 14  | 89 | 17 25 | 40  |    | 8  | 2 9   | 101  | 12 33 | 89    | 7 20  | 72   | 19 33 | 26    |    |
|    | 9  | 0 50  | 92  | 10 26 | 124 | 4 21  | 83 | 18 33 | 24  |    | 9  | 2 29  | 105  | 13 40 | 106   | 8 2   | 57   | 20 13 | 27    |    |
|    | 10 | 2 26  | 102 | 11 23 | 128 | 5 39  | 93 | 19 31 | 10  |    | 10 | 2 47  | 109  | 14 29 | 112   | 8 36  | 43   | 20 47 | 29    |    |
|    | 11 | 3 24  | 111 | 12 23 | 133 | 6 53  | 98 | 20 23 | -1  |    | 11 | 3 4   | 113  | 15 11 | 116   | 9 7   | 31   | 21 17 | 34    |    |
|    | 12 | 4 8   | 117 | 13 21 | 138 | 7 57  | 98 | 21 9  | -8  |    | 12 | 3 21  | 116  | 15 49 | 118   | 9 38  | 21   | 21 45 | 40    |    |
|    | 13 | 4 46  | 119 | 14 14 | 141 | 8 52  | 95 | 21 52 | -10 |    | 13 | 3 40  | 118  | 16 27 | 118   | 10 8  | 13   | 22 11 | 48    |    |
|    | 14 | 5 20  | 120 | 15 2  | 143 | 9 39  | 89 | 22 30 | -8  |    | 14 | 3 59  | 120  | 17 4  | 115   | 10 38 | 8    | 22 37 | 55    |    |
|    | 15 | 5 49  | 119 | 15 48 | 141 | 10 21 | 83 | 23 6  | -2  |    | 15 | 4 20  | 122  | 17 41 | 111   | 11 8  | 6    | 23 1  | 63    |    |
|    | 16 | 6 14  | 117 | 16 31 | 136 | 11 3  | 76 | 23 38 | 6   |    | 16 | 4 41  | 121  | 18 21 | 106   | 11 40 | 7    | 23 23 | 69    |    |
|    | 17 | 6 36  | 116 | 17 14 | 128 | 11 45 | 70 |       |     |    | 17 | 5 2   | 120  | 19 6  | 100   | 12 13 | 11   | 23 44 | 75    |    |
|    | 18 | 6 58  | 116 | 17 58 | 118 | 0 8   | 17 | 12 29 | 65  |    | 18 | 5 25  | 117  | 20 4  | 93    |       |      | 12 52 | 16    |    |
|    | 19 | 7 21  | 116 | 18 45 | 106 | 0 36  | 30 | 13 19 | 62  |    | 19 | 5 48  | 113  | 21 37 | 89    | 0 5   | 81   | 13 41 | 22    |    |
|    | 20 | 7 48  | 116 | 19 41 | 94  | 1 4   | 43 | 14 17 | 59  |    | 20 | 上弦    | 6 16 | 107   |       | 0 27  | 86   | 14 53 | 28    |    |
|    | 21 | 8 17  | 116 | 21 2  | 84  | 1 31  | 56 | 15 30 | 54  |    | 21 | 6 56  | 99   |       |       |       |      | 16 27 | 30    |    |
|    | 22 | 8 51  | 115 | 23 51 | 81  | 1 58  | 68 | 16 50 | 48  |    | 22 | 1 2   | 96   | 9 7   | 90    | 5 51  | 87   | 17 49 | 28    |    |
|    | 23 | 9 34  | 113 |       |     | 2 29  | 80 | 18 2  | 38  |    | 23 | 1 24  | 100  | 11 54 | 93    | 6 56  | 74   | 18 50 | 27    |    |
|    | 24 | 10 32 | 113 |       |     |       |    | 19 59 | 28  |    | 24 | 1 44  | 104  | 13 16 | 103   | 7 33  | 58   | 19 39 | 28    |    |
|    | 25 | 3 5   | 99  | 11 42 | 115 | 6 8   | 95 | 19 47 | 17  |    | 25 | 2 3   | 109  | 14 16 | 113   | 8 8   | 40   | 20 21 | 33    |    |
|    | 26 | 3 32  | 106 | 12 45 | 118 | 7 28  | 94 | 20 30 | 7   |    | 26 | 2 23  | 115  | 15 8  | 121   | 8 43  | 21   | 20 58 | 41    |    |
|    | 27 | 3 59  | 111 | 13 37 | 122 | 8 21  | 92 | 21 9  | -1  |    | 27 | 2 44  | 121  | 15 59 | 124   | 9 20  | 5    | 21 32 | 52    |    |
|    | 28 | 4 27  | 114 | 14 24 | 129 | 9 3   | 88 | 21 47 | -6  |    | 28 | 3 9   | 128  | 16 50 | 123   | 9 58  | -8   | 22 4  | 63    |    |
|    | 29 | 4 55  | 116 | 15 5  | 133 | 9 40  | 82 | 22 23 | -8  |    | 29 | 3 36  | 134  | 17 42 | 117   | 10 38 | -14  | 22 34 | 73    |    |
|    | 30 | 5 22  | 116 | 15 46 | 134 | 10 15 | 75 | 22 57 | -5  |    | 30 | 4 7   | 138  | 18 39 | 110   | 11 21 | -14  | 23 4  | 80    |    |
|    | 31 | 5 47  | 116 | 16 29 | 132 | 10 52 | 67 | 23 30 | 2   |    |    |       |      |       |       |       |      |       |       |    |
| 2月 | 1  | 6 9   | 116 | 17 14 | 126 | 11 30 | 59 |       |     | 5月 | 1  | 4 41  | 138  | 19 44 | 102   | 12 6  | -7   | 23 37 | 85    |    |
|    | 2  | 6 30  | 117 | 18 2  | 117 | 0 1   | 14 | 12 13 | 51  |    | 2  | 5 18  | 133  | 21 3  | 97    |       |      | 12 55 | 4     |    |
|    | 3  | 6 53  | 119 | 18 56 | 105 | 0 30  | 29 | 13 1  | 45  |    | 3  | 5 59  | 124  | 22 29 | 95    | 0 17  | 88   | 13 54 | 17    |    |
|    | 4  | 7 18  | 121 | 20 6  | 92  | 0 59  | 45 | 13 59 | 39  |    | 4  | 6 51  | 112  | 23 38 | 96    | 1 23  | 90   | 15 9  | 29    |    |
|    | 5  | 7 48  | 122 | 22 17 | 82  | 1 26  | 61 | 15 14 | 35  |    | 5  | 8 13  | 99   |       |       | 3 45  | 87   | 16 34 | 37    |    |
|    | 6  | 8 25  | 123 |       |     | 1 49  | 76 | 16 46 | 29  |    | 6  | 0 23  | 100  | 10 34 | 92    | 5 44  | 76   | 17 46 | 42    |    |
|    | 7  | 9 18  | 121 |       |     |       |    | 18 15 | 20  |    | 7  | 0 54  | 104  | 12 27 | 96    | 6 48  | 61   | 18 42 | 45    |    |
|    | 8  | 10 34 | 119 |       |     |       |    | 19 25 | 11  |    | 8  | 1 20  | 109  | 13 35 | 102   | 7 32  | 47   | 19 27 | 49    |    |
|    | 9  | 3 36  | 106 | 12 9  | 121 | 6 56  | 98 | 20 20 | 3   |    | 9  | 1 43  | 113  | 14 26 | 108   | 8 8   | 34   | 20 5  | 53    |    |
|    | 10 | 4 1   | 111 | 13 23 | 125 | 8 11  | 91 | 21 4  | -2  |    | 10 | 2 6   | 117  | 15 8  | 114   | 8 41  | 22   | 20 40 | 58    |    |
|    | 11 | 4 26  | 114 | 14 20 | 130 | 9 0   | 81 | 21 42 | -4  |    | 11 | 2 29  | 121  | 15 47 | 117   | 9 13  | 13   | 21 12 | 64    |    |
|    | 12 | 4 48  | 115 | 15 8  | 132 | 9 40  | 71 | 22 15 | -1  |    | 12 | 2 53  | 124  | 16 25 | 118   | 9 44  | 7    | 21 42 | 69    |    |
|    | 13 | 5 8   | 115 | 15 50 | 132 | 10 16 | 62 | 22 45 | 5   |    | 13 | 3 17  | 126  | 17 2  | 117   | 10 15 | 3    | 22 11 | 74    |    |
|    | 14 | 5 25  | 116 | 16 31 | 128 | 10 51 | 53 | 23 12 | 13  |    | 14 | 3 41  | 127  | 17 40 | 115   | 10 47 | 3    | 22 38 | 78    |    |
|    | 15 | 5 42  | 117 | 17 11 | 122 | 11 27 | 47 | 23 37 | 24  |    | 15 | 4 6   | 127  | 18 20 | 111   | 11 20 | 5    | 23 5  | 82    |    |
|    | 16 | 6 0   | 118 | 17 51 | 113 | 12 3  | 42 |       |     |    | 16 | 4 33  | 125  | 19 6  | 107   | 11 55 | 9    | 23 33 | 85    |    |
|    | 17 | 6 21  | 118 | 18 34 | 104 | 0 1   | 35 | 12 42 | 39  |    | 17 | 5 0   | 122  | 20 0  | 103   |       |      | 12 34 | 14    |    |
|    | 18 | 6 42  | 118 | 19 22 | 93  | 0 23  | 47 | 13 25 | 39  |    | 18 | 5 32  | 116  | 21 7  | 100   | 0 7   | 88   | 13 21 | 21    |    |
|    | 19 | 7 5   | 116 | 20 27 | 84  | 0 42  | 58 | 14 18 | 39  |    | 19 | 6 12  | 109  | 22 16 | 100   | 0 58  | 90   | 14 21 | 28    |    |
|    | 20 | 7 29  | 114 |       |     | 0 53  | 69 | 15 28 | 39  |    | 20 | 上弦    | 7 17 | 100   | 23 13 | 102   | 2 39 | 90    | 15 36 | 35 |
|    | 21 | 7 58  | 110 |       |     |       |    | 16 57 | 35  |    | 21 | 9 23  | 93   | 23 53 | 106   | 4 52  | 82   | 16 51 | 41    |    |
|    | 22 | 8 42  | 106 |       |     |       |    | 18 17 | 28  |    | 22 | 11 40 | 96   |       |       | 6 5   | 66   | 17 56 | 47    |    |
|    | 23 | 10 24 | 103 |       |     |       |    | 19 19 | 18  |    | 23 | 0 24  | 111  | 13 9  | 105   | 6 53  | 48   | 18 50 | 54    |    |
|    | 24 | 3 24  | 102 | 12 19 | 106 | 7 32  | 92 | 20 8  | 8   |    | 24 | 0 52  | 117  | 14 16 | 114   | 7 36  | 28   | 19 37 | 62    |    |
|    | 25 | 3 39  | 107 | 13 27 | 114 | 8 21  | 84 | 20 50 | 0   |    | 25 | 1 21  | 125  | 15 14 | 121   | 8 17  | 10   | 20 19 | 72    |    |
|    | 26 | 3 59  | 110 | 14 19 | 121 | 8 57  | 75 | 21 28 | -4  |    | 26 | 望     | 1 52 | 133   | 16 9  | 124   | 9 0  | -4    | 20 58 | 80 |
|    | 27 | 4 19  | 112 | 15 6  | 127 | 9 30  | 64 | 22 3  | -3  |    | 27 | 2 26  | 140  | 17 3  | 123   | 9 43  | -12  | 21 35 | 86    |    |
|    | 28 | 4 39  | 114 | 15 51 | 130 | 10 3  | 52 | 22 35 | 3   |    | 28 | 3 3   | 145  | 17 56 | 120   | 10 27 | -14  | 22 12 | 90    |    |
|    |    |       |     |       |     |       |    |       |     |    | 29 | 3 42  | 146  | 18 50 | 115   | 11 12 | -10  | 22 52 | 92    |    |
|    |    |       |     |       |     |       |    |       |     |    | 30 | 4 24  | 144  | 19 42 | 111   | 11 58 | -2   | 23 37 | 91    |    |
|    |    |       |     |       |     |       |    |       |     |    | 31 | 5 9   | 137  | 20 32 | 107   |       |      | 12 44 | 11    |    |
| 3月 | 1  | 4 57  | 116 | 16 35 | 128 | 10 38 | 40 | 23 5  | 14  | 6月 | 1  | 5 58  | 126  | 21 20 | 106   | 0 33  | 90   | 13 34 | 24    |    |
|    | 2  | 5 15  | 118 | 17 21 | 122 | 11 15 | 29 | 23 33 | 28  |    | 2  | 6 57  | 114  | 22 5  | 107   | 1 47  | 87   | 14 28 | 37    |    |
|    | 3  | 5 35  | 122 | 18 10 | 112 | 11 55 | 21 | 23 59 | 43  |    | 3  | 8 15  | 102  | 22 47 | 109   | 3 25  | 81   | 15 29 | 49    |    |
|    | 4  | 5 58  | 125 | 19 4  | 100 |       |    | 12 39 | 17  |    | 4  | 10 7  | 95   | 23 26 | 113   | 4 57  | 71   | 16 33 | 58    |    |
|    | 5  | 6 24  | 126 | 20 18 | 88  | 0 22  | 58 | 13 30 | 17  |    | 5  |       |      | 12 4  | 96    | 6 5   | 58   | 17 35 | 66    |    |
|    | 6  | 6 54  | 125 |       |     | 0 40  | 71 | 14 37 | 21  |    | 6  | 0 3   | 116  | 13 26 | 102   | 6 56  | 46   | 18 30 | 72    |    |
|    | 7  | 7 30  | 121 |       |     |       |    | 16 12 | 23  |    |    |       |      |       |       |       |      |       |       |    |

# むつ小川原

MUTSUOGAWARA

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 51  | 120 | 20 39 | 120   | 1 30  | 81   | 13 41 | 47  | 10月 | 1     | 14 20 | 118   | 20 49 | 114   | 5 6  | 53    | 18 30 | 113   |
|    | 2  | 7 56  | 108 | 21 14 | 122   | 2 42  | 76   | 14 21 | 61  | 2   | 14 14 | 122   | 23 54 | 116   | 6 19  | 47   | 19 23 | 103   |       |
|    | 3  | 9 25  | 99  | 21 54 | 123   | 4 2   | 69   | 15 10 | 73  | 3   |       |       | 14 26 | 126   | 7 13  | 40   | 19 52 | 91    |       |
|    | 4  | 11 33 | 97  | 22 39 | 125   | 5 16  | 60   | 16 11 | 84  | 4   | 1 8   | 124   | 14 42 | 130   | 7 56  | 36   | 20 21 | 77    |       |
|    | 5  | 13 24 | 103 | 23 28 | 127   | 6 17  | 50   | 17 21 | 92  | 5   | 2 2   | 134   | 14 59 | 134   | 8 34  | 36   | 20 51 | 62    |       |
|    | 6  |       |     | 14 27 | 111   | 7 7   | 40   | 18 28 | 97  | 6   | 朔     | 2 49  | 141   | 15 17 | 138   | 9 8  | 40    | 21 22 | 46    |
|    | 7  | 0 17  | 130 | 15 12 | 117   | 7 51  | 31   | 19 26 | 100 | 7   | 3 34  | 145   | 15 35 | 142   | 9 40  | 49   | 21 56 | 32    |       |
|    | 8  | 1 2   | 133 | 15 49 | 122   | 8 31  | 23   | 20 15 | 100 | 8   | 4 20  | 144   | 15 56 | 147   | 10 10 | 60   | 22 32 | 22    |       |
|    | 9  | 1 44  | 137 | 16 23 | 125   | 9 10  | 17   | 20 56 | 100 | 9   | 5 7   | 140   | 16 20 | 151   | 10 37 | 73   | 23 11 | 16    |       |
|    | 10 | 2 22  | 141 | 16 57 | 126   | 9 47  | 13   | 21 33 | 98  | 10  | 5 57  | 131   | 16 47 | 154   | 11 3  | 85   | 23 53 | 17    |       |
|    | 11 | 3 0   | 143 | 17 30 | 126   | 10 23 | 11   | 22 9  | 96  | 11  | 6 57  | 121   | 17 17 | 153   | 11 28 | 95   |       |       |       |
|    | 12 | 3 37  | 144 | 18 2  | 126   | 10 58 | 12   | 22 45 | 93  | 12  | 8 25  | 112   | 17 50 | 148   | 0 41  | 22   | 11 50 | 103   |       |
|    | 13 | 4 15  | 143 | 18 33 | 125   | 11 33 | 16   | 23 24 | 90  | 13  | 上弦    |       | 18 30 | 139   | 1 41  | 32   |       |       |       |
|    | 14 | 4 55  | 139 | 19 2  | 125   |       |      | 12 8  | 23  | 14  |       |       | 19 29 | 127   | 3 6   | 41   |       |       |       |
|    | 15 | 5 40  | 133 | 19 30 | 125   | 0 7   | 85   | 12 42 | 33  | 15  | 13 22 | 117   | 21 44 | 116   | 4 50  | 46   | 17 40 | 107   |       |
|    | 16 | 6 32  | 124 | 19 58 | 127   | 0 57  | 80   | 13 18 | 46  | 16  |       |       | 13 41 | 121   | 6 9   | 47   | 18 55 | 92    |       |
|    | 17 | 7 38  | 114 | 20 29 | 129   | 1 58  | 74   | 13 57 | 61  | 17  | 0 5   | 118   | 14 1  | 126   | 7 5   | 47   | 19 39 | 76    |       |
|    | 18 | 9 11  | 105 | 21 5  | 132   | 3 13  | 65   | 14 42 | 77  | 18  | 1 20  | 124   | 14 19 | 130   | 7 47  | 49   | 20 14 | 60    |       |
|    | 19 | 11 36 | 102 | 21 49 | 135   | 4 34  | 54   | 15 39 | 91  | 19  | 2 12  | 131   | 14 36 | 134   | 8 22  | 52   | 20 47 | 47    |       |
|    | 20 | 13 46 | 110 | 22 44 | 139   | 5 50  | 41   | 16 51 | 103 | 20  | 望     | 2 55  | 135   | 14 54 | 138   | 8 53 | 57    | 21 18 | 36    |
|    | 21 | 14 57 | 119 | 23 48 | 143   | 6 56  | 28   | 18 9  | 110 | 21  | 3 35  | 137   | 15 14 | 141   | 9 22  | 64   | 21 49 | 27    |       |
|    | 22 |       |     | 15 46 | 125   | 7 55  | 17   | 19 21 | 111 | 22  | 4 13  | 137   | 15 35 | 143   | 9 49  | 71   | 22 20 | 22    |       |
|    | 23 | 0 52  | 149 | 16 27 | 129   | 8 46  | 9    | 20 22 | 108 | 23  | 4 51  | 134   | 15 57 | 143   | 10 16 | 79   | 22 52 | 21    |       |
|    | 24 | 1 51  | 154 | 17 1  | 130   | 9 33  | 6    | 21 13 | 103 | 24  | 5 30  | 130   | 16 19 | 143   | 10 41 | 86   | 23 24 | 22    |       |
|    | 25 | 2 44  | 157 | 17 31 | 130   | 10 15 | 7    | 21 59 | 95  | 25  | 6 10  | 125   | 16 41 | 140   | 11 5  | 92   | 23 58 | 26    |       |
|    | 26 | 3 33  | 157 | 17 56 | 129   | 10 52 | 12   | 22 43 | 87  | 26  | 6 56  | 118   | 17 3  | 136   | 11 27 | 97   |       |       |       |
|    | 27 | 4 19  | 153 | 18 18 | 129   | 11 26 | 21   | 23 27 | 81  | 27  | 7 55  | 112   | 17 26 | 131   | 0 35  | 32   | 11 48 | 102   |       |
|    | 28 | 5 4   | 146 | 18 38 | 130   | 11 56 | 33   |       |     | 28  | 9 28  | 109   | 17 49 | 124   | 1 22  | 39   | 12 11 | 106   |       |
|    | 29 | 5 49  | 136 | 19 1  | 131   | 0 11  | 75   | 12 25 | 46  | 29  | 下弦    |       | 18 17 | 115   | 2 28  | 46   |       |       |       |
|    | 30 | 6 37  | 125 | 19 26 | 132   | 0 59  | 71   | 12 53 | 59  | 30  |       |       | 12 35 | 115   | 3 58  | 49   |       |       |       |
|    | 31 | 7 32  | 113 | 19 55 | 132   | 1 54  | 69   | 13 21 | 72  | 31  | 12 58 | 119   | 23 36 | 105   | 5 20  | 49   | 18 54 | 90    |       |
| 8月 | 1  | 8 46  | 104 | 20 28 | 132   | 3 0   | 66   | 13 49 | 84  | 11月 | 1     |       |       | 13 18 | 123   | 6 22 | 48    | 19 23 | 74    |
|    | 2  | 11 1  | 99  | 21 9  | 130   | 4 17  | 62   | 14 22 | 96  | 2   | 1 0   | 114   | 13 38 | 128   | 7 12  | 49   | 19 53 | 56    |       |
|    | 3  |       |     | 22 6  | 129   | 5 33  | 56   |       |     | 3   | 1 59  | 124   | 13 58 | 133   | 7 54  | 54   | 20 26 | 37    |       |
|    | 4  | 14 49 | 114 | 23 21 | 130   | 6 37  | 47   | 17 42 | 111 | 4   | 2 51  | 133   | 14 19 | 140   | 8 31  | 61   | 21 0  | 20    |       |
|    | 5  |       |     | 15 17 | 121   | 7 29  | 38   | 19 7  | 110 | 5   | 朔     | 3 40  | 137   | 14 44 | 146   | 9 5  | 71    | 21 37 | 6     |
|    | 6  | 0 30  | 133 | 15 44 | 125   | 8 14  | 30   | 20 4  | 107 | 6   | 4 29  | 137   | 15 11 | 152   | 9 37  | 81   | 22 16 | -2    |       |
|    | 7  | 1 25  | 138 | 16 10 | 128   | 8 54  | 22   | 20 46 | 103 | 7   | 5 21  | 133   | 15 42 | 156   | 10 8  | 90   | 22 57 | -3    |       |
|    | 8  | 2 11  | 144 | 16 36 | 130   | 9 32  | 18   | 21 23 | 97  | 8   | 6 17  | 127   | 16 15 | 166   | 10 39 | 97   | 23 41 | 2     |       |
|    | 9  | 2 53  | 148 | 17 1  | 131   | 10 7  | 16   | 21 58 | 91  | 9   | 7 22  | 119   | 16 52 | 151   | 11 11 | 101  |       |       |       |
|    | 10 | 3 33  | 150 | 17 25 | 132   | 10 40 | 18   | 22 34 | 84  | 10  | 8 38  | 113   | 17 33 | 142   | 0 29  | 12   | 11 51 | 104   |       |
|    | 11 | 4 14  | 149 | 17 47 | 133   | 11 12 | 24   | 23 11 | 76  | 11  | 上弦    | 9 59  | 110   | 18 22 | 129   | 1 24 | 25    | 12 52 | 105   |
|    | 12 | 4 57  | 144 | 18 8  | 135   | 11 42 | 34   | 23 51 | 68  | 12  | 11 7  | 111   | 19 35 | 115   | 2 33  | 38   | 15 6  | 103   |       |
|    | 13 | 5 43  | 137 | 18 30 | 137   |       |      | 12 11 | 47  | 13  | 11 53 | 114   | 21 50 | 104   | 3 55  | 49   | 17 21 | 90    |       |
|    | 14 | 6 34  | 127 | 18 55 | 139   | 0 36  | 62   | 12 39 | 63  | 14  |       |       | 12 26 | 119   | 5 11  | 56   | 18 29 | 74    |       |
|    | 15 | 7 37  | 115 | 19 23 | 141   | 1 28  | 57   | 13 7  | 78  | 15  | 0 4   | 105   | 12 53 | 123   | 6 11  | 61   | 19 15 | 58    |       |
|    | 16 | 9 16  | 105 | 19 58 | 142   | 2 34  | 53   | 13 33 | 93  | 16  | 1 22  | 112   | 13 17 | 128   | 6 59  | 65   | 19 53 | 43    |       |
|    | 17 |       |     | 20 45 | 141   | 4 0   | 49   |       |     | 17  | 2 16  | 118   | 13 41 | 133   | 7 40  | 70   | 20 26 | 30    |       |
|    | 18 |       |     | 21 56 | 140   | 5 33  | 42   |       |     | 18  | 3 0   | 124   | 14 5  | 136   | 8 17  | 75   | 20 58 | 20    |       |
|    | 19 | 15 13 | 123 | 23 33 | 140   | 6 52  | 34   | 18 9  | 118 | 19  | 望     | 3 40  | 128   | 14 31 | 139   | 8 51 | 80    | 21 30 | 13    |
|    | 20 |       |     | 15 38 | 128   | 7 52  | 25   | 19 34 | 111 | 20  | 4 18  | 129   | 14 56 | 141   | 9 23  | 85   | 22 2  | 10    |       |
|    | 21 | 0 55  | 145 | 16 3  | 131   | 8 41  | 20   | 20 29 | 102 | 21  | 4 54  | 129   | 15 22 | 141   | 9 53  | 89   | 22 34 | 9     |       |
|    | 22 | 1 57  | 151 | 16 25 | 132   | 9 22  | 18   | 21 13 | 91  | 22  | 5 31  | 126   | 15 48 | 140   | 10 22 | 92   | 23 6  | 11    |       |
|    | 23 | 2 48  | 154 | 16 45 | 134   | 9 57  | 21   | 21 52 | 80  | 23  | 6 10  | 122   | 16 15 | 137   | 10 50 | 95   | 23 40 | 15    |       |
|    | 24 | 3 34  | 154 | 17 2  | 135   | 10 27 | 27   | 22 30 | 71  | 24  | 6 53  | 118   | 16 42 | 133   | 11 20 | 97   |       |       |       |
|    | 25 | 4 16  | 151 | 17 19 | 137   | 10 55 | 37   | 23 7  | 64  | 25  | 7 43  | 114   | 17 11 | 126   | 0 16  | 21   | 11 54 | 99    |       |
|    | 26 | 4 57  | 145 | 17 38 | 139   | 11 21 | 48   | 23 45 | 59  | 26  | 下弦    | 8 41  | 112   | 17 45 | 118   | 0 57 | 28    | 12 44 | 100   |
|    | 27 | 5 39  | 136 | 17 59 | 140   | 11 45 | 59   |       |     | 27  | 9 44  | 112   | 18 36 | 108   | 1 48  | 36   | 14 19 | 100   |       |
|    | 28 | 6 23  | 126 | 18 22 | 142   | 0 24  | 57   | 12 8  | 71  | 28  | 10 40 | 113   | 20 27 | 98    | 2 53  | 44   | 16 44 | 91    |       |
|    | 29 | 7 12  | 116 | 18 46 | 138   | 1 8   | 57   | 12 29 | 83  | 29  | 11 22 | 116   | 23 9  | 96    | 4 9   | 51   | 17 57 | 76    |       |
|    | 30 | 8 17  | 107 | 19 11 | 135   | 2 0   | 58   | 12 43 | 93  | 30  | 11 56 | 120   |       |       | 5 18  | 58   | 18 42 | 57    |       |
|    | 9月 | 1     |     |       | 20 29 | 127   | 4 37 | 58    |     |     | 12月   | 1     | 0 52  | 105   | 12 26 | 126  | 6 17  | 65    | 19 22 |
| 2  |    | 15 7  | 118 | 22 15 | 124   | 5 59  | 52   | 17 33 | 116 | 2   | 2 2   | 115   | 12 56 | 133   | 7 7   | 73   | 20 2  | 18    |       |
| 3  |    |       |     | 15 2  | 123   | 7 1   | 43   | 19 16 | 111 | 3   | 3 0   | 123   | 13 28 | 141   | 7 52  | 81   | 20 42 | 2     |       |
| 4  |    | 0 9   | 127 | 15 16 | 127   | 7 50  | 35   | 20 3  | 104 | 4   | 朔     | 3 54  | 128   | 14 2  | 148   | 8 32 | 89    | 21 24 | -9    |
| 5  |    | 1 15  | 134 | 15 35 | 130   | 8 31  | 28   | 20 38 | 95  | 5   | 4 46  | 129   | 14 40 | 153   | 9 11  | 95   | 22 7  | -14   |       |
| 6  |    | 2 5   | 141 | 15 54 | 133   | 9 7   | 24   | 21 11 | 84  | 6   | 5 38  | 127   | 15 19 | 155   | 9 49  | 98   | 22 51 | -12   |       |
| 7  |    | 2 50  | 147 | 16 13 | 135   | 9 41  | 25   | 21 43 | 73  | 7   | 6 29  | 123   | 16 1  | 153   | 10 29 | 98   | 23 36 | -4    |       |
| 8  |    | 3 33  | 149 | 16 32 | 137   | 10 13 | 30   | 22 17 | 61  | 8   | 7 19  | 118   | 16 46 | 146   | 11 13 | 97   |       |       |       |
| 9  |    | 4 16  | 149 | 16 51 | 140   | 10 43 | 39   | 22 52 | 51  | 9   | 8 5   | 114   | 17 33 | 135   | 0 20  | 7    | 12 6  | 94    |       |
| 10 |    | 5 0   | 1   |       |       |       |      |       |     |     |       |       |       |       |       |      |       |       |       |