

# 白浜

SHIRAHAMA

2022 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    |     | 日     | 時 分 | cm | 時 分   | cm  | 時 分   | cm  | 時 分 | cm |       |     |       |     |  |  |  |  |  |  |  |
| 1月  | 1   | 5 12  | 165  | 16 2  | 171   | 10 34 | 88  | 23 3  | -15  | 4月  | 1   | 朔     | 6 5 | 173   | 18 11 | 176   |     |       |     |       | 2   | 朔  | 6 5   | 173 | 18 11 | 176 |     |    |       |     |       |     |  |  |  |  |  |  |  |
|     | 2   | 6 5   | 174  | 16 49 | 175   | 11 27 | 90  | 23 51 | -25  |     | 3   | 6 28  | 174 | 18 48 | 175   |       |     | 0 20  | 26  | 12 4  | 29  | 3  | 6 50  | 173 | 19 24 | 170 |     |    | 0 49  | 38  | 13 5  | 16  |  |  |  |  |  |  |  |
|     | 3   | 6 52  | 178  | 17 37 | 179   |       |     | 12 14 | 89   |     | 4   | 7 11  | 170 | 19 59 | 162   |       |     | 1 15  | 51  | 13 35 | 15  | 4  | 7 11  | 170 | 19 59 | 162 |     |    | 1 40  | 64  | 14 6  | 18  |  |  |  |  |  |  |  |
|     | 4   | 7 37  | 178  | 18 23 | 178   | 0 38  | -28 | 12 58 | 86   |     | 5   | 7 31  | 165 | 20 36 | 152   |       |     | 2 5   | 76  | 14 39 | 24  | 6  | 7 51  | 159 | 21 16 | 141 |     |    | 2 30  | 88  | 15 18 | 34  |  |  |  |  |  |  |  |
|     | 5   | 8 18  | 173  | 19 10 | 173   | 1 23  | -23 | 13 41 | 84   |     | 6   | 8 35  | 140 | 23 26 | 121   |       |     | 2 59  | 98  | 16 8  | 44  | 7  | 8 12  | 150 | 22 7  | 130 |     |    | 3 41  | 109 | 17 23 | 54  |  |  |  |  |  |  |  |
|     | 6   | 8 58  | 167  | 19 56 | 164   | 2 6   | -12 | 14 26 | 81   |     | 8   | 9 0   | 129 |       |       |       |     | 6 32  | 115 | 19 8  | 56  | 9  | 9 35  | 159 | 20 44 | 150 |     |    | 7 32  | 120 | 20 43 | 101 |  |  |  |  |  |  |  |
|     | 7   | 9 35  | 159  | 20 44 | 150   | 2 46  | 4   | 15 13 | 78   |     | 10  | 1 58  | 121 | 10 2  | 118   |       |     | 9 18  | 104 | 20 33 | 50  | 11 | 10 12 | 153 | 21 37 | 135 |     |    | 10 34 | 117 | 21 59 | 131 |  |  |  |  |  |  |  |
|     | 8   | 10 12 | 153  | 21 37 | 135   | 3 25  | 23  | 16 8  | 75   |     | 12  | 3 18  | 131 | 13 31 | 116   |       |     | 9 47  | 90  | 21 29 | 41  | 13 | 11 30 | 142 |       |     |     |    |       |     |       |     |  |  |  |  |  |  |  |
|     | 9   | 10 49 | 147  | 22 42 | 120   | 4 3   | 43  | 17 8  | 72   |     | 14  | 3 51  | 141 | 14 57 | 128   |       |     | 10 13 | 75  | 22 11 | 33  | 15 | 4 41  | 131 | 15 9  | 141 |     |    | 11 7  | 34  | 23 20 | 53  |  |  |  |  |  |  |  |
|     | 10  | 11 30 | 142  |       |       | 4 43  | 63  | 18 21 | 66   |     | 16  | 5 6   | 169 | 17 15 | 172   |       |     | 11 9  | 40  | 23 23 | 29  | 17 | 5 20  | 141 | 15 54 | 146 |     |    | 12 1  | 84  | 23 47 | 47  |  |  |  |  |  |  |  |
|     | 11  | 0 15  | 110  | 12 19 | 138   | 5 34  | 80  | 19 37 | 57   |     | 18  | 6 16  | 176 | 17 56 | 181   |       |     | 11 40 | 24  | 23 57 | 34  | 19 | 6 53  | 182 | 19 22 | 184 |     |    | 12 46 | 77  | 23 18 | 50  |  |  |  |  |  |  |  |
|     | 12  | 2 15  | 110  | 13 18 | 137   | 6 52  | 93  | 20 42 | 45   |     | 20  | 7 22  | 175 | 21 1  | 165   |       |     | 1 45  | 74  | 14 9  | 1   | 21 | 7 51  | 180 | 20 9  | 177 |     |    | 2 5   | 156 | 23 48 | 48  |  |  |  |  |  |  |  |
|     | 13  | 3 47  | 120  | 14 17 | 138   | 8 29  | 99  | 21 34 | 32   |     | 22  | 8 29  | 156 | 23 31 | 141   |       |     | 2 24  | 90  | 14 57 | 11  | 23 | 9 18  | 142 |       |     |     |    |       |     |       |     |  |  |  |  |  |  |  |
|     | 14  | 4 41  | 131  | 15 9  | 141   | 9 44  | 98  | 22 17 | 21   |     | 24  | 1 23  | 140 | 11 0  | 130   |       |     | 6 38  | 116 | 18 54 | 45  | 25 | 2 40  | 146 | 13 22 | 130 |     |    | 8 29  | 102 | 20 20 | 45  |  |  |  |  |  |  |  |
|     | 15  | 5 20  | 141  | 15 54 | 146   | 10 35 | 94  | 22 55 | 10   |     | 26  | 2 40  | 146 | 13 22 | 130   |       |     | 8 29  | 102 | 20 20 | 45  | 27 | 3 25  | 154 | 14 52 | 140 |     |    | 9 22  | 84  | 21 21 | 44  |  |  |  |  |  |  |  |
|     | 16  | 5 53  | 148  | 16 34 | 151   | 11 13 | 90  | 23 30 | 2    |     | 28  | 3 59  | 161 | 15 52 | 153   |       |     | 10 1  | 65  | 22 7  | 44  | 29 | 4 28  | 167 | 16 40 | 163 |     |    | 10 35 | 48  | 22 46 | 47  |  |  |  |  |  |  |  |
|     | 17  | 6 24  | 154  | 17 11 | 157   | 11 46 | 85  |       |      |     | 30  | 4 55  | 171 | 17 22 | 170   |       |     | 11 7  | 34  | 23 20 | 53  | 31 | 5 20  | 174 | 18 0  | 174 |     |    | 11 38 | 23  | 23 51 | 60  |  |  |  |  |  |  |  |
|     | 18  | 6 53  | 157  | 17 46 | 161   | 0 4   | -4  | 12 16 | 81   |     | 16  | 5 31  | 176 | 17 56 | 181   |       |     | 11 40 | 24  | 23 57 | 34  | 2  | 6 25  | 180 | 18 38 | 186 |     |    | 12 46 | 77  | 23 18 | 50  |  |  |  |  |  |  |  |
|     | 19  | 7 22  | 159  | 18 21 | 163   | 0 37  | -7  | 12 46 | 77   |     | 17  | 6 53  | 180 | 20 9  | 177   |       |     | 1 8   | 58  | 13 27 | -3  | 3  | 7 22  | 175 | 21 1  | 165 |     |    | 1 45  | 74  | 14 9  | 1   |  |  |  |  |  |  |  |
|     | 20  | 7 51  | 159  | 18 57 | 162   | 1 9   | -7  | 13 18 | 72   |     | 21  | 7 53  | 167 | 22 4  | 152   |       |     | 2 24  | 90  | 14 57 | 11  | 22 | 8 29  | 156 | 23 31 | 141 |     |    | 3 10  | 105 | 15 55 | 24  |  |  |  |  |  |  |  |
|     | 21  | 8 20  | 159  | 19 34 | 159   | 1 41  | -4  | 13 53 | 69   |     | 23  | 8 54  | 135 |       |       |       |     | 3 50  | 112 | 16 42 | 53  | 24 | 9 18  | 142 |       |     |     |    |       |     |       |     |  |  |  |  |  |  |  |
|     | 22  | 8 50  | 157  | 20 15 | 152   | 2 14  | 4   | 14 31 | 65   |     | 25  | 1 23  | 140 | 11 0  | 130   |       |     | 6 38  | 116 | 18 54 | 45  | 26 | 2 40  | 146 | 13 22 | 130 |     |    | 8 29  | 102 | 20 20 | 45  |  |  |  |  |  |  |  |
|     | 23  | 9 21  | 155  | 21 1  | 143   | 2 49  | 15  | 15 14 | 61   |     | 27  | 3 59  | 161 | 15 52 | 153   |       |     | 10 1  | 65  | 22 7  | 44  | 28 | 4 28  | 167 | 16 40 | 163 |     |    | 10 35 | 48  | 22 46 | 47  |  |  |  |  |  |  |  |
|     | 24  | 9 54  | 151  | 21 59 | 131   | 3 25  | 30  | 16 5  | 57   |     | 29  | 4 55  | 171 | 17 22 | 170   |       |     | 11 7  | 34  | 23 20 | 53  | 30 | 5 20  | 174 | 18 0  | 174 |     |    | 11 38 | 23  | 23 51 | 60  |  |  |  |  |  |  |  |
|     | 25  | 10 31 | 147  | 23 19 | 121   | 4 7   | 49  | 17 7  | 52   |     | 31  | 5 20  | 174 | 18 0  | 174   |       |     | 11 38 | 23  | 23 51 | 60  | 26 | 6 25  | 180 | 18 38 | 186 |     |    | 12 46 | 77  | 23 18 | 50  |  |  |  |  |  |  |  |
|     | 26  | 11 16 | 143  |       |       | 4 59  | 69  | 18 24 | 45   |     | 27  | 6 53  | 180 | 20 9  | 177   |       |     | 1 8   | 58  | 13 27 | -3  | 28 | 7 22  | 175 | 21 1  | 165 |     |    | 1 45  | 74  | 14 9  | 1   |  |  |  |  |  |  |  |
|     | 27  | 1 13  | 118  | 12 16 | 140   | 6 14  | 87  | 19 49 | 32   |     | 28  | 7 53  | 167 | 22 4  | 152   |       |     | 2 24  | 90  | 14 57 | 11  | 29 | 8 29  | 156 | 23 31 | 141 |     |    | 3 10  | 105 | 15 55 | 24  |  |  |  |  |  |  |  |
|     | 28  | 3 11  | 127  | 13 33 | 140   | 8 0   | 98  | 21 5  | 16   |     | 30  | 8 14  | 146 | 22 54 | 137   |       |     | 2 53  | 106 | 15 40 | 43  | 31 | 9 0   | 129 |       |     |     |    |       |     |       |     |  |  |  |  |  |  |  |
|     | 29  | 4 28  | 142  | 14 48 | 146   | 9 35  | 99  | 22 8  | -2   |     | 3   | 9 38  | 147 |       |       |       |     | 3 50  | 112 | 16 42 | 53  | 4  | 10 4  | 142 | 23 11 | 108 |     |    | 4 10  | 81  | 18 14 | 52  |  |  |  |  |  |  |  |
|     | 30  | 5 21  | 156  | 15 53 | 156   | 10 39 | 92  | 23 1  | -16  |     | 4   | 10 37 | 134 | 10 14 | 125   |       |     | 5 44  | 114 | 18 2  | 59  | 5  | 1 20  | 103 | 11 30 | 126 |     |    | 4 56  | 96  | 19 44 | 47  |  |  |  |  |  |  |  |
|     | 31  | 6 5   | 166  | 16 49 | 166   | 11 27 | 84  | 23 48 | -25  |     | 6   | 1 43  | 139 | 12 35 | 122   |       |     | 7 51  | 105 | 19 24 | 60  | 7  | 3 55  | 112 | 13 8  | 122 |     |    | 7 39  | 106 | 21 2  | 38  |  |  |  |  |  |  |  |
| 2月  | 1   | 朔     | 6 43 | 171   | 17 39 | 173   |     |       | 12 9 | 74  | 5月  | 1     | 朔   | 5 44  | 175   | 18 37 | 174 |       |     | 12 8  | 15  | 11 | 3 55  | 112 | 13 8  | 122 |     |    | 7 39  | 106 | 21 2  | 38  |  |  |  |  |  |  |  |
|     | 2   | 7 18  | 172  | 18 25 | 176   | 0 31  | -27 | 12 47 | 66   | 2   |     | 6 7   | 175 | 19 12 | 172   |       |     | 0 20  | 68  | 12 38 | 12  | 12 | 4 43  | 124 | 14 40 | 125 |     |    | 9 47  | 101 | 21 57 | 26  |  |  |  |  |  |  |  |
|     | 3   | 7 50  | 170  | 19 8  | 173   | 1 10  | -22 | 13 25 | 58   | 3   |     | 6 30  | 172 | 19 47 | 167   |       |     | 0 48  | 77  | 13 9  | 12  | 13 | 5 14  | 135 | 15 41 | 133 |     |    | 10 35 | 93  | 22 40 | 14  |  |  |  |  |  |  |  |
|     | 4   | 8 20  | 166  | 19 49 | 165   | 1 46  | -10 | 14 2  | 53   | 4   |     | 6 53  | 168 | 20 24 | 160   |       |     | 1 16  | 85  | 13 40 | 16  | 14 | 6 6   | 151 | 17 5  | 153 |     |    | 11 7  | 84  | 23 16 | 4   |  |  |  |  |  |  |  |
|     | 5   | 8 47  | 161  | 20 30 | 152   | 2 18  | 7   | 14 40 | 50   | 5   |     | 7 18  | 162 | 21 4  | 152   |       |     | 1 45  | 93  | 14 15 | 23  | 16 | 7 46  | 165 | 19 32 | 166 |     |    | 1 53  | 7   | 14 9  | 36  |  |  |  |  |  |  |  |
|     | 6   | 9 13  | 155  | 21 13 | 137   | 2 48  | 26  | 15 20 | 49   | 6   |     | 7 44  | 155 | 21 51 | 143   |       |     | 2 16  | 100 | 14 53 | 32  | 17 | 8 14  | 146 | 22 54 | 137 |     |    | 2 53  | 106 | 15 40 | 43  |  |  |  |  |  |  |  |
|     | 7   | 9 38  | 149  | 22 2  | 122   | 3 15  | 45  | 16 5  | 50   | 7   |     | 8 14  | 146 | 22 54 | 137   |       |     | 2 53  | 106 | 15 40 | 43  | 8  | 9 13  | 155 | 21 13 | 137 |     |    | 3 15  | 45  | 16 5  | 50  |  |  |  |  |  |  |  |
|     | 8   | 10 4  | 142  | 23 11 | 108   | 3 41  | 64  | 17 1  | 51   | 8   |     | 8 54  | 135 |       |       |       |     | 3 50  | 112 | 16 42 | 53  | 9  | 10 4  | 142 | 23 11 | 108 |     |    | 4 10  | 81  | 18 14 | 52  |  |  |  |  |  |  |  |
|     | 9   | 10 37 | 134  |       |       | 4 10  | 81  | 18 14 | 52   | 9   |     | 0 21  | 134 | 10 14 | 125   |       |     | 5 44  | 114 | 18 2  | 59  | 10 | 1 20  | 103 | 11 30 | 126 |     |    | 4 56  | 96  | 19 44 | 47  |  |  |  |  |  |  |  |
|     | 10  | 1 20  | 103  | 11 30 | 126   | 4 56  | 96  | 19 44 | 47   | 10  |     | 1 43  | 139 | 12 35 | 122   |       |     | 7 51  | 105 | 19 24 | 60  | 11 | 3 55  | 112 | 13 8  | 122 |     |    | 7 39  | 106 | 21 2  | 38  |  |  |  |  |  |  |  |
|     | 11  | 3 55  | 112  | 13 8  | 122   | 7 39  | 106 | 21 2  | 38   | 11  |     | 2 34  | 147 | 14 13 | 132   |       |     | 8 47  | 90  | 20 29 | 58  | 12 | 4 43  | 124 | 14 40 | 125 |     |    | 9 47  | 101 | 21 57 | 26  |  |  |  |  |  |  |  |
|     | 12  | 4 43  | 124  | 14 40 | 125   | 9 47  | 101 | 21 57 | 26   | 12  |     | 3 10  | 156 | 15 17 | 146   |       |     | 9 25  | 72  | 21 21 | 55  | 13 | 5 14  | 135 | 15 41 | 133 |     |    | 10 35 | 93  | 22 40 | 14  |  |  |  |  |  |  |  |
|     | 13  | 5 14  | 135  | 15 41 | 133   | 10 35 | 93  | 22 40 | 14   | 13  |     | 3 42  | 165 | 16 10 | 161   |       |     | 9 59  | 51  | 22 7  | 55  | 14 | 5 40  | 144 | 16 26 | 143 |     |    | 11 7  | 84  | 23 16 | 4   |  |  |  |  |  |  |  |
|     | 14  | 5 40  | 144  | 16 26 | 143   | 11 7  | 84  | 23 16 | 4    | 14  |     | 4 12  | 173 | 16 58 | 175   |       |     | 10 34 | 31  | 22 49 | 58  | 15 | 6 6   | 151 | 17 5  | 153 |     |    | 11 35 | 76  | 23 49 | -4  |  |  |  |  |  |  |  |
|     | 15  | 6 6   | 151  | 17 5  | 153   | 11 35 | 76  | 23 49 | -4   | 16  |     | 4 43  | 180 | 17 45 | 185   |       |     | 11 11 | 13  | 23 30 | 65  | 16 | 6 31  | 157 | 17 42 | 161 |     |    | 0 20  | -8  | 12 32 | 58  |  |  |  |  |  |  |  |
|     | 16  | 6 31  | 157  | 17 42 | 161   | 12 3  | 67  |       |      | 17  |     | 5 48  | 187 | 19 21 | 188   |       |     | 0 11  | 75  | 12 31 | -8  | 17 | 6 55  | 161 | 18 18 | 166 |     |    | 0 51  | -8  | 13 2  | 50  |  |  |  |  |  |  |  |
|     | 17  | 6 55  | 161  | 18 18 | 16    |       |     |       |      |     |     |       |     |       |       |       |     |       |     |       |     |    |       |     |       |     |     |    |       |     |       |     |  |  |  |  |  |  |  |

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|-----|-----|--------------|-----------|----|----------|-----------|-----|----|--|-----|-----|--------------|-----------|-----------|----------|-----------|-----------|----|--|-----|-----|--------------|-----------|----------|----------|-----------|----------|----|--|-----|--|--|--|--|--|--|--|--|--|
| 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 |  | 日   | 時 分 | cm           | 時 分       | cm       | 時 分      | cm        | 時 分      | cm |  |     |  |  |  |  |  |  |  |  |  |
| 7月  | 1   | 6 19 175     | 20 0 172  | .  | 0 50 102 | 13 12 20  |     |    |  | 10月 | 1   | 9 25 170     | 20 23 180 | .         | 2 39 40  | 14 45 110 |           |    |  | 11月 | 1   | 上弦 12 39 156 | 22 12 146 | .        | 4 35 49  | 17 50 132 |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 2   | 6 54 173     | 20 33 170 | .  | 1 22 101 | 13 47 24  |     |    |  |     | 2   | 10 41 157    | 20 57 168 | .         | 3 31 48  | 15 31 127 |           |    |  |     | 2   | 0 39 142     | 14 53 168 | .        | 7 42 60  | 20 54 99  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 3   | 7 31 170     | 21 7 168  | .  | 1 57 100 | 14 22 31  |     |    |  |     | 3   | 上弦 12 51 152 | 21 58 156 | .         | 4 42 57  | 17 12 140 |           |    |  |     | 3   | 0 39 142     | 14 53 168 | .        | 7 42 60  | 20 54 99  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 4   | 8 10 164     | 21 42 166 | .  | 2 37 99  | 14 59 39  |     |    |  |     | 4   |              | 14 47 161 | .         | 6 27 62  | 20 10 135 |           |    |  |     | 4   | 2 20 152     | 15 29 175 | .        | 8 49 59  | 21 35 78  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 5   | 8 57 156     | 22 21 164 | .  | 3 23 98  | 15 39 50  |     |    |  |     | 5   |              | 0 27 149  | 15 38 172 | .        | 8 8 56    | 21 19 118 |    |  |     |     | 5            | 3 26 165  | 16 0 181 | .        | 9 39 59   | 22 11 58 |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 6   | 9 55 148     | 23 3 163  | .  | 4 18 94  | 16 24 62  |     |    |  |     | 6   | 2 23 159     | 16 13 182 | .         | 9 17 47  | 21 59 98  |           |    |  |     | 6   | 4 18 176     | 16 28 186 | .        | 10 21 62 | 22 45 42  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 7   | 上弦 11 11 142 | 23 50 162 | .  | 5 22 88  | 17 18 76  |     |    |  |     | 7   | 3 31 175     | 16 43 190 | .         | 10 7 40  | 22 34 79  |           |    |  |     | 7   | 5 3 183      | 16 55 189 | .        | 10 57 68 | 23 18 29  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 8   |              | 12 46 141 | .  | 6 32 77  | 18 25 90  |     |    |  |     | 8   | 4 23 188     | 17 11 195 | .         | 10 48 39 | 23 8 62   |           |    |  |     | 8   | 望 5 44 187   | 17 20 189 | .        | 11 31 75 | 23 49 20  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 9   | 0 43 164     | 14 22 148 | .  | 7 41 62  | 19 41 101 |     |    |  |     | 9   | 5 9 198      | 17 38 199 | .         | 11 24 43 | 23 40 48  |           |    |  |     | 9   | 6 22 188     | 17 45 188 | .        |          | 12 2 84   |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 10  | 1 38 167     | 15 41 160 | .  | 8 44 44  | 20 58 107 |     |    |  |     | 10  | 望 5 50 202   | 18 2 199  | .         | 11 57 52 |           |           |    |  |     | 10  | 6 59 185     | 18 9 185  | .        | 0 21 17  | 12 32 92  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 11  | 2 35 172     | 16 46 174 | .  | 9 42 26  | 22 4 109  |     |    |  |     | 11  | 6 30 200     | 18 26 197 | .         | 0 13 38  | 12 28 64  |           |    |  |     | 11  | 7 36 179     | 18 33 180 | .        | 0 52 17  | 13 1 100  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 12  | 3 30 179     | 17 41 185 | .  | 10 36 10 | 23 1 109  |     |    |  |     | 12  | 7 8 195      | 18 48 194 | .         | 0 45 33  | 12 56 78  |           |    |  |     | 12  | 8 13 172     | 18 59 173 | .        | 1 25 21  | 13 30 106 |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 13  | 4 23 187     | 18 30 191 | .  | 11 27 -1 | 23 51 106 |     |    |  |     | 13  | 7 46 186     | 19 9 188  | .         | 1 16 32  | 13 23 92  |           |    |  |     | 13  | 8 53 163     | 19 25 165 | .        | 1 59 29  | 14 2 112  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 14  | 望 5 15 193   | 19 15 194 | .  | 12 17 -7 |           |     |    |  |     | 14  | 8 25 175     | 19 30 180 | .         | 1 49 36  | 13 49 104 |           |    |  |     | 14  | 9 40 154     | 19 55 154 | .        | 2 38 39  | 14 41 118 |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 15  | 6 6 196      | 19 57 192 | .  | 0 37 102 | 13 4 -5   |     |    |  |     | 15  | 9 8 164      | 19 51 171 | .         | 2 24 43  | 14 16 115 |           |    |  |     | 15  | 10 40 147    | 20 33 142 | .        | 3 23 50  | 15 42 122 |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 16  | 6 56 195     | 20 37 188 | .  | 1 22 97  | 13 49 4   |     |    |  |     | 16  | 10 2 152     | 20 13 160 | .         | 3 3 53   | 14 48 125 |           |    |  |     | 16  | 下弦 12 1 144  | 21 48 130 | .        | 4 21 61  | 17 43 122 |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 17  | 7 45 189     | 21 14 182 | .  | 2 7 93   | 14 31 19  |     |    |  |     | 17  | 11 28 144    | 20 37 148 | .         | 3 55 65  | 15 43 134 |           |    |  |     | 17  |              | 13 21 147 | .        | 5 37 69  | 19 50 111 |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 18  | 8 35 178     | 21 50 176 | .  | 2 53 89  | 15 12 38  |     |    |  |     | 18  | 下弦 13 50 146 |           | .         | 5 11 74  |           |           |    |  |     | 18  | 0 20 125     | 14 13 154 | .        | 6 59 72  | 20 40 95  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 19  | 9 28 164     | 22 25 170 | .  | 3 43 86  | 15 51 59  |     |    |  |     | 19  |              | 14 57 154 | .         | 6 54 77  | 21 12 121 |           |    |  |     | 19  | 2 3 133      | 14 49 162 | .        | 8 7 71   | 21 15 77  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 20  | 下弦 10 29 150 | 23 2 165  | .  | 4 39 83  | 16 31 80  |     |    |  |     | 20  | 1 30 135     | 15 30 162 | .         | 8 16 72  | 21 36 106 |           |    |  |     | 20  | 3 7 146      | 15 20 170 | .        | 9 0 69   | 21 46 57  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 21  | 11 48 138    | 23 45 160 | .  | 5 43 79  | 17 17 98  |     |    |  |     | 21  | 2 49 146     | 15 55 171 | .         | 9 10 65  | 22 0 90   |           |    |  |     | 21  | 3 57 160     | 15 49 177 | .        | 9 45 69  | 22 18 37  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 22  | 0 40 157     | 13 35 135 | .  | 6 55 74  | 18 24 113 |     |    |  |     | 22  | 3 38 160     | 16 19 179 | .         | 9 51 58  | 22 24 74  |           |    |  |     | 22  | 4 42 173     | 16 19 184 | .        | 10 26 71 | 22 52 18  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 23  | 1 40 151     | 15 18 141 | .  | 8 6 66   | 20 0 121  |     |    |  |     | 23  | 4 19 173     | 16 42 186 | .         | 10 26 55 | 22 51 57  |           |    |  |     | 23  | 5 27 184     | 16 50 189 | .        | 11 6 75  | 23 29 3   |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 24  | 1 45 156     | 16 22 151 | .  | 9 7 56   | 21 26 122 |     |    |  |     | 24  | 4 58 185     | 17 6 193  | .         | 11 0 55  | 23 20 40  |           |    |  |     | 24  | 朔 6 12 190   | 17 22 191 | .        | 11 46 82 |           |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 25  | 2 46 158     | 17 5 161  | .  | 9 56 47  | 22 23 118 |     |    |  |     | 25  | 朔 5 37 194   | 17 31 197 | .         | 11 33 59 | 23 51 27  |           |    |  |     | 25  | 6 58 191     | 17 57 191 | .        | 0 8 -6   | 12 26 90  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 26  | 3 38 163     | 17 40 168 | .  | 10 39 38 | 23 4 112  |     |    |  |     | 26  | 6 17 199     | 17 57 199 | .         |          | 12 7 67   |           |    |  |     | 26  | 7 47 186     | 18 34 187 | .        | 0 50 -9  | 13 8 99   |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 27  | 4 22 169     | 18 11 174 | .  | 11 16 30 | 23 37 107 |     |    |  |     | 27  | 6 59 199     | 18 25 198 | .         | 0 24 17  | 12 41 78  |           |    |  |     | 27  | 7 47 186     | 18 34 187 | .        | 0 50 -9  | 13 8 99   |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 28  | 5 1 175      | 18 40 178 | .  | 11 51 25 |           |     |    |  |     | 28  | 7 44 193     | 18 53 193 | .         | 1 1 13   | 13 17 92  |           |    |  |     | 28  | 8 39 178     | 19 14 179 | .        | 1 35 -4  | 13 54 107 |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 29  | 5 38 180     | 19 8 180  | .  | 0 7 102  | 12 24 22  |     |    |  |     | 29  | 8 33 182     | 19 24 185 | .         | 1 41 15  | 13 55 106 |           |    |  |     | 29  | 9 36 168     | 20 1 167  | .        | 2 25 6   | 14 47 112 |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 30  | 6 13 182     | 19 35 181 | .  | 0 36 97  | 12 56 22  |     |    |  |     | 30  | 9 32 170     | 19 59 174 | .         | 2 26 23  | 14 39 120 |           |    |  |     | 30  | 上弦 11 50 155 | 22 27 140 | .        | 4 23 37  | 17 30 110 |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 31  | 6 48 183     | 20 2 181  | .  | 1 7 93   | 13 28 26  |     |    |  |     | 31  | 10 52 159    | 20 44 161 | .         | 3 22 36  | 15 45 130 |           |    |  |     |     |              |           |          |          |           |          |    |  |     |  |  |  |  |  |  |  |  |  |
| 8月  | 1   | 7 25 181     | 20 30 181 | .  | 1 39 88  | 13 59 33  |     |    |  | 11月 | 1   | 上弦 12 39 156 | 22 12 146 | .         | 4 35 49  | 17 50 132 |           |    |  | 12月 | 1   |              | 12 57 154 | .        | 5 35 52  | 19 5 97   |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 2   | 8 4 176      | 20 58 179 | .  | 2 15 84  | 14 31 43  |     |    |  |     | 2   |              | 14 4 161  | .         | 6 10 58  | 19 55 119 |           |    |  |     | 2   | 0 20 134     | 13 51 157 | .        | 6 53 63  | 20 14 79  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 3   | 8 47 168     | 21 29 176 | .  | 2 54 80  | 15 6 57   |     |    |  |     | 3   | 0 39 142     | 14 53 168 | .         | 7 42 60  | 20 54 99  |           |    |  |     | 3   | 2 2 137      | 14 34 161 | .        | 8 3 72   | 21 5 60   |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 4   | 9 39 159     | 22 2 173  | .  | 3 39 77  | 15 44 73  |     |    |  |     | 4   | 2 20 152     | 15 29 175 | .         | 8 49 59  | 21 35 78  |           |    |  |     | 4   | 3 17 146     | 15 11 165 | .        | 9 2 78   | 21 47 42  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 5   | 上弦 10 47 150 | 22 41 169 | .  | 4 33 73  | 16 30 91  |     |    |  |     | 5   | 3 26 165     | 16 0 181  | .         | 9 39 59  | 22 11 58  |           |    |  |     | 5   | 4 14 155     | 15 45 169 | .        | 9 52 82  | 22 24 28  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 6   | 12 24 144    | 23 34 165 | .  | 5 41 68  | 17 34 109 |     |    |  |     | 6   | 4 18 176     | 16 28 186 | .         | 10 21 62 | 22 45 42  |           |    |  |     | 6   | 5 1 163      | 16 16 172 | .        | 10 34 86 | 22 59 16  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 7   |              | 14 22 149 | .  | 7 1 60   | 19 10 123 |     |    |  |     | 7   | 5 3 183      | 16 55 189 | .         | 10 57 68 | 23 18 29  |           |    |  |     | 7   | 5 42 169     | 16 47 173 | .        | 11 12 90 | 23 33 9   |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 8   | 0 47 163     | 15 52 162 | .  | 8 23 47  | 20 54 125 |     |    |  |     | 8   | 望 5 44 187   | 17 20 189 | .         | 11 31 75 | 23 49 20  |           |    |  |     | 8   | 6 19 171     | 17 16 173 | .        | 11 46 92 |           |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 9   | 2 9 168      | 16 51 177 | .  | 9 33 31  | 22 8 120  |     |    |  |     | 9   | 6 22 188     | 17 45 188 | .         |          | 12 2 84   |           |    |  |     | 9   | 6 55 171     | 17 46 172 | .        | 0 5 6    | 12 18 95  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 10  | 3 21 177     | 17 37 188 | .  | 10 31 16 | 23 0 110  |     |    |  |     | 10  | 6 59 185     | 18 9 185  | .         | 0 21 17  | 12 32 92  |           |    |  |     | 10  | 7 29 169     | 18 16 169 | .        | 0 38 5   | 12 50 96  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 11  | 4 22 189     | 18 17 195 | .  | 11 22 6  | 23 44 100 |     |    |  |     | 11  | 7 36 179     | 18 33 180 | .         | 0 52 17  | 13 1 100  |           |    |  |     | 11  | 8 39 159     | 19 19 158 | .        | 1 12 46  | 13 21 98  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 12  | 5 16 198     | 18 53 198 | .  | 12 7 2   |           |     |    |  |     | 12  | 8 13 172     | 18 59 173 | .         | 1 25 21  | 13 30 106 |           |    |  |     | 12  | 9 17 154     | 19 55 149 | .        | 2 22 22  | 14 35 101 |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 13  | 6 5 204      | 19 27 198 | .  | 0 24 90  | 12 49 6   |     |    |  |     | 13  | 8 53 163     | 19 25 165 | .         | 1 59 29  | 14 2 112  |           |    |  |     | 13  | 9 59 149     | 20 37 139 | .        | 3 0 32   | 15 25 102 |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 14  | 6 51 203     | 19 58 195 | .  | 1 3 81   | 13 27 17  |     |    |  |     | 14  | 9 40 154     | 19 55 154 | .         | 2 38 39  | 14 41 118 |           |    |  |     | 14  | 10 46 146    | 21 37 128 | .        | 3 43 42  | 16 33 100 |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 15  | 7 35 196     | 20 27 190 | .  | 1 42 74  | 14 2 34   |     |    |  |     | 15  | 10 40 147    | 20 33 142 | .         | 3 23 50  | 15 42 122 |           |    |  |     | 15  |              | 21 37 128 | .        | 3 43 42  | 16 33 100 |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 16  | 8 20 185     | 20 54 184 | .  | 2 22 70  | 14 34 54  |     |    |  |     | 16  | 下弦 12 1 144  | 21 48 130 | .         | 4 21 61  | 17 43 122 |           |    |  |     | 16  | 11 40 145    | 23 8 120  | .        | 4 34 53  | 17 59 94  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 17  | 9 5 170      | 21 19 177 | .  | 3 3 68   | 15 4 75   |     |    |  |     | 17  |              | 13 21 147 | .         | 5 37 69  | 19 50 111 |           |    |  |     | 17  | 0 58 120     | 13 25 146 | .        | 5 36 63  | 19 18 81  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 18  | 9 57 155     | 21 46 170 | .  | 3 48 70  | 15 33 95  |     |    |  |     | 18  | 0 20 125     | 14 13 154 | .         | 6 59 72  | 20 40 95  |           |    |  |     | 18  | 2 29 129     | 13 27 150 | .        | 6 47 72  | 20 16 63  |          |    |  |     |  |  |  |  |  |  |  |  |  |
|     | 19  | 下弦 11 6 141  | 22 17 162 | .  | 4 42 72  | 16 5 112  |     |    |  |     | 19  | 2 3 133      | 14 49 162 | .         | 8 7 71   | 21 15 77  |           |    |  |     | 19  |              |           |          |          |           |          |    |  |     |  |  |  |  |  |  |  |  |  |