

土佐清水

TOSASHIMZU

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 | | |
| 1月 | 1 | 5 21 | 172 | 16 18 | 177 | 10 48 | 85 | 23 16 | -21 | 4月 | 1 | 朔 | 6 17 | 182 | 18 25 | 183 | 0 2 | 2 | 16 | 12 18 | 27 |
| | 2 | 6 15 | 181 | 17 5 | 181 | 11 41 | 86 | | | | 2 | 6 41 | 182 | 19 2 | 181 | 0 33 | 25 | 12 | 18 | 18 | |
| | 3 | 7 2 | 185 | 17 53 | 184 | 0 4 | -31 | 12 28 | 84 | | 3 | 7 3 | 180 | 19 37 | 176 | 1 1 | 37 | 13 | 18 | 14 | |
| | 4 | 7 47 | 184 | 18 41 | 183 | 0 51 | -33 | 13 13 | 82 | | 4 | 7 24 | 176 | 20 13 | 168 | 1 28 | 50 | 13 | 48 | 13 | |
| | 5 | 8 29 | 180 | 19 28 | 178 | 1 36 | -28 | 13 57 | 79 | | 5 | 7 45 | 171 | 20 49 | 158 | 1 54 | 64 | 14 | 20 | 17 | |
| | 6 | 9 9 | 173 | 20 14 | 168 | 2 19 | -16 | 14 42 | 77 | | 6 | 8 7 | 164 | 21 29 | 147 | 2 20 | 77 | 14 | 53 | 24 | |
| | 7 | 9 47 | 165 | 21 2 | 155 | 3 0 | 1 | 15 29 | 75 | | 7 | 8 29 | 155 | 22 19 | 135 | 2 46 | 89 | 15 | 32 | 34 | |
| | 8 | 10 24 | 158 | 21 55 | 140 | 3 39 | -22 | 16 21 | 73 | | 8 | 8 53 | 144 | 23 38 | 126 | 3 17 | 101 | 16 | 22 | 45 | |
| | 9 | 11 2 | 152 | 23 0 | 125 | 4 18 | -43 | 17 22 | 71 | | 9 | 9 23 | 132 | | | 4 4 | 111 | 17 | 38 | 55 | |
| | 10 | 上弦 | 11 44 | 147 | | | 5 0 | 63 | 18 34 | | 65 | 10 | 2 3 | 126 | 10 48 | 121 | 7 0 | 117 | 19 | 23 | 57 |
| | 11 | | 0 31 | 115 | 12 34 | 143 | 5 53 | 81 | 19 49 | | 57 | 11 | 3 24 | 135 | 13 50 | 121 | 9 23 | 106 | 20 | 47 | 50 |
| | 12 | | 2 27 | 116 | 13 34 | 141 | 7 13 | 95 | 20 54 | | 45 | 12 | 4 0 | 146 | 15 10 | 134 | 9 57 | 91 | 21 | 41 | 40 |
| | 13 | | 3 56 | 125 | 14 34 | 143 | 8 49 | 100 | 21 45 | | 32 | 13 | 4 27 | 157 | 16 2 | 150 | 10 24 | 75 | 22 | 23 | 32 |
| | 14 | | 4 50 | 137 | 15 26 | 146 | 10 0 | 98 | 22 28 | | 20 | 14 | 4 52 | 167 | 16 46 | 165 | 10 52 | 57 | 23 | 0 | 26 |
| | 15 | | 5 29 | 147 | 16 11 | 151 | 10 49 | 94 | 23 6 | | 9 | 15 | 5 17 | 176 | 17 27 | 178 | 11 21 | 38 | 23 | 35 | 26 |
| | 16 | | 6 2 | 155 | 16 50 | 157 | 11 27 | 89 | 23 42 | | 0 | 16 | 5 43 | 183 | 18 8 | 188 | 11 52 | 21 | | | |
| | 17 | | 6 33 | 160 | 17 26 | 162 | 11 59 | 85 | | | | 17 | 6 10 | 188 | 18 51 | 192 | 0 10 | 31 | 12 | 26 | 6 |
| | 18 | 望 | 7 2 | 163 | 18 1 | 166 | 0 15 | -6 | 12 29 | | 80 | 18 | 6 38 | 190 | 19 34 | 191 | 0 45 | 41 | 13 | 2 | -4 |
| | 19 | | 7 32 | 165 | 18 36 | 169 | 0 48 | -9 | 13 0 | | 76 | 19 | 7 7 | 187 | 20 21 | 183 | 1 21 | 55 | 13 | 41 | -7 |
| | 20 | | 8 1 | 166 | 19 12 | 168 | 1 21 | -9 | 13 32 | | 72 | 20 | 7 38 | 182 | 21 13 | 171 | 1 59 | 72 | 14 | 23 | -3 |
| | 21 | | 8 31 | 166 | 19 49 | 165 | 1 54 | -5 | 14 6 | | 68 | 21 | 8 11 | 172 | 22 16 | 157 | 2 39 | 88 | 15 | 11 | 8 |
| | 22 | | 9 1 | 165 | 20 30 | 158 | 2 27 | 2 | 14 45 | | 64 | 22 | 8 49 | 160 | 23 42 | 146 | 3 28 | 104 | 16 | 11 | 22 |
| | 23 | | 9 33 | 162 | 21 17 | 149 | 3 2 | 14 | 15 28 | | 61 | 23 | 9 43 | 146 | | | 4 42 | 115 | 17 | 30 | 36 |
| | 24 | | 10 7 | 159 | 22 15 | 137 | 3 39 | 30 | 16 19 | | 57 | 24 | 1 30 | 145 | 11 28 | 133 | 6 52 | 115 | 19 | 8 | 43 |
| | 25 | 下弦 | 10 45 | 154 | 23 34 | 127 | 4 21 | 49 | 17 22 | | 52 | 25 | 2 47 | 151 | 13 40 | 134 | 8 38 | 100 | 20 | 33 | 43 |
| | 26 | | 11 32 | 150 | | | 5 15 | 70 | 18 38 | | 44 | 26 | 3 34 | 159 | 15 6 | 146 | 9 33 | 81 | 21 | 33 | 41 |
| | 27 | | 1 26 | 124 | 12 33 | 146 | 6 31 | 89 | 20 2 | | 31 | 27 | 4 10 | 167 | 16 5 | 158 | 10 12 | 62 | 22 | 20 | 41 |
| | 28 | | 3 19 | 133 | 13 50 | 147 | 8 16 | 99 | 21 18 | | 14 | 28 | 4 40 | 174 | 16 53 | 169 | 10 47 | 44 | 22 | 58 | 44 |
| | 29 | | 4 36 | 149 | 15 5 | 153 | 9 49 | 99 | 22 20 | | -4 | 29 | 5 7 | 178 | 17 35 | 176 | 11 20 | 30 | 23 | 32 | 50 |
| | 30 | | 5 30 | 163 | 16 9 | 163 | 10 52 | 91 | 23 13 | | -19 | 30 | 5 33 | 181 | 18 13 | 179 | 11 51 | 18 | | | |
| | 31 | | 6 14 | 174 | 17 5 | 173 | 11 41 | 82 | | | | | | | | | | | | | |
| 2月 | 1 | 朔 | 6 53 | 179 | 17 55 | 180 | 0 0 | -29 | 12 23 | 72 | 5月 | 1 | 朔 | 5 57 | 182 | 18 50 | 180 | 0 4 | 58 | 12 21 | 11 |
| | 2 | | 7 29 | 181 | 18 40 | 183 | 0 43 | -31 | 13 2 | 63 | | 2 | 6 21 | 180 | 19 25 | 177 | 0 34 | 67 | 12 51 | 8 | |
| | 3 | | 8 2 | 179 | 19 23 | 179 | 1 23 | -25 | 13 40 | 56 | | 3 | 6 45 | 177 | 20 0 | 172 | 1 2 | 75 | 13 22 | 9 | |
| | 4 | | 8 32 | 174 | 20 5 | 171 | 1 59 | -12 | 14 17 | 51 | | 4 | 7 9 | 173 | 20 36 | 165 | 1 31 | 84 | 13 54 | 13 | |
| | 5 | | 9 0 | 169 | 20 46 | 158 | 2 32 | 6 | 14 55 | 49 | | 5 | 7 35 | 166 | 21 16 | 156 | 2 0 | 92 | 14 29 | 21 | |
| | 6 | | 9 26 | 162 | 21 28 | 143 | 3 1 | 26 | 15 35 | 49 | | 6 | 8 3 | 158 | 22 3 | 148 | 2 33 | 99 | 15 8 | 31 | |
| | 7 | | 9 51 | 155 | 22 17 | 127 | 3 29 | 47 | 16 20 | 51 | | 7 | 8 34 | 148 | 23 6 | 141 | 3 12 | 106 | 15 55 | 42 | |
| | 8 | 上弦 | 10 18 | 148 | 23 27 | 114 | 3 56 | 67 | 17 15 | 53 | | 8 | 9 18 | 138 | | | 4 4 | 113 | 16 57 | 52 | |
| | 9 | | 10 52 | 139 | | | 4 27 | 85 | 18 28 | 54 | | 9 | 0 31 | 139 | 10 43 | 128 | 6 3 | 114 | 18 17 | 59 | |
| | 10 | | 1 35 | 109 | 11 49 | 131 | 5 21 | 101 | 19 58 | 49 | | 10 | 1 52 | 143 | 12 55 | 127 | 8 1 | 105 | 19 38 | 59 | |
| | 11 | | 4 0 | 118 | 13 29 | 127 | 8 9 | 110 | 21 15 | 39 | | 11 | 2 44 | 152 | 14 27 | 137 | 8 58 | 89 | 20 43 | 56 | |
| | 12 | | 4 51 | 131 | 14 58 | 131 | 10 2 | 104 | 22 9 | 27 | | 12 | 3 22 | 162 | 15 30 | 151 | 9 37 | 69 | 21 35 | 53 | |
| | 13 | | 5 22 | 142 | 15 56 | 140 | 10 48 | 95 | 22 51 | 14 | | 13 | 3 54 | 171 | 16 22 | 167 | 10 12 | 48 | 22 19 | 52 | |
| | 14 | | 5 50 | 151 | 16 41 | 150 | 11 19 | 86 | 23 27 | 4 | | 14 | 4 25 | 180 | 17 10 | 181 | 10 47 | 27 | 23 2 | 55 | |
| | 15 | | 6 15 | 158 | 17 19 | 160 | 11 48 | 77 | | | | 15 | 4 56 | 187 | 17 56 | 191 | 11 24 | 8 | 23 43 | 61 | |
| | 16 | | 6 41 | 164 | 17 55 | 168 | 0 0 | -4 | 12 15 | 67 | | 16 | 5 29 | 192 | 18 44 | 196 | | | 12 3 | -7 | |
| | 17 | 望 | 7 6 | 169 | 18 31 | 174 | 0 32 | -9 | 12 44 | 58 | | 17 | 6 3 | 193 | 19 32 | 194 | 0 24 | 71 | 12 44 | -14 | |
| | 18 | | 7 31 | 172 | 19 7 | 176 | 1 3 | -9 | 13 15 | 50 | | 18 | 6 39 | 191 | 20 23 | 187 | 1 6 | 82 | 13 29 | -14 | |
| | 19 | | 7 57 | 174 | 19 45 | 173 | 1 34 | -4 | 13 48 | 42 | | 19 | 7 18 | 185 | 21 19 | 177 | 1 51 | 93 | 14 17 | -7 | |
| | 20 | | 8 24 | 173 | 20 26 | 167 | 2 6 | 7 | 14 23 | 36 | | 20 | 8 1 | 176 | 22 20 | 167 | 2 40 | 102 | 15 9 | 6 | |
| | 21 | | 8 51 | 170 | 21 11 | 156 | 2 38 | 22 | 15 2 | 33 | | 21 | 8 53 | 164 | 23 30 | 159 | 3 39 | 109 | 16 9 | 22 | |
| | 22 | | 9 19 | 165 | 22 5 | 143 | 3 11 | 42 | 15 46 | 32 | | 22 | 10 1 | 150 | | | 4 55 | 111 | 17 17 | 39 | |
| | 23 | | 9 50 | 157 | 23 20 | 129 | 3 48 | 63 | 16 41 | 34 | | 23 | 0 43 | 157 | 11 36 | 141 | 6 29 | 105 | 18 33 | 52 | |
| | 24 | | 10 29 | 148 | | | 4 34 | 86 | 17 57 | 36 | | 24 | 1 46 | 158 | 13 20 | 139 | 7 52 | 92 | 19 46 | 61 | |
| | 25 | 下弦 | 1 28 | 123 | 11 33 | 139 | 5 55 | 105 | 19 39 | 32 | | 25 | 2 35 | 162 | 14 45 | 146 | 8 52 | 74 | 20 49 | 67 | |
| | 26 | | 3 39 | 134 | 13 25 | 135 | 8 31 | 111 | 21 12 | 20 | | 26 | 3 15 | 167 | 15 49 | 154 | 9 38 | 57 | 21 41 | 72 | |
| | 27 | | 4 42 | 150 | 15 6 | 143 | 10 4 | 100 | 22 17 | 4 | | 27 | 3 49 | 172 | 16 40 | 163 | 10 17 | 42 | 22 25 | 77 | |
| | 28 | | 5 23 | 163 | 16 15 | 158 | 10 54 | 85 | 23 7 | -8 | | 28 | 4 21 | 175 | 17 24 | 170 | 10 52 | 29 | 23 4 | 81 | |
| | | | | | | | | | | 29 | 4 50 | 178 | 18 4 | 175 | 11 26 | 19 | 23 39 | 86 | | | |
| | | | | | | | | | | 30 | 朔 | 5 19 | 179 | 18 40 | 178 | 11 58 | 13 | | | | |
| | | | | | | | | | | 31 | | 5 48 | 179 | 19 15 | 178 | 0 12 | 90 | 12 30 | 10 | | |
| 3月 | 1 | | 5 57 | 172 | 17 8 | 171 | 11 33 | 69 | 23 49 | -15 | 6月 | 1 | | 6 17 | 177 | 19 50 | 175 | 0 44 | 93 | 13 3 | 11 |
| | 2 | | 6 28 | 178 | 17 53 | 180 | | | 12 9 | 55 | | 2 | 6 46 | 174 | 20 26 | 171 | 1 16 | 97 | 13 38 | 14 | |
| | 3 | 朔 | 6 57 | 181 | 18 35 | 184 | 0 27 | -14 | 12 42 | 43 | | 3 | 7 18 | 170 | 21 3 | 165 | 1 49 | 100 | 14 14 | 21 | |
| | 4 | | 7 24 | 180 | 19 14 | 181 | 1 1 | -6 | 13 15 | 34 | | 4 | 7 52 | 164 | 21 45 | 160 | 2 24 | 103 | 14 52 | 29 | |
| | 5 | | 7 48 | 178 | 19 51 | 173 | 1 31 | 8 | 13 48 | 29 | | 5 | 8 31 | 156 | 22 33 | 156 | 3 7 | 106 | 15 35 | 39 | |
| | 6 | | 8 11 | 173 | 20 28 | 162 | 1 59 | 24 | 14 20 | 27 | | 6 | 9 21 | 148 | | | | | | | |

土佐清水

TOSASHIMZU

2022 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 | 6 35 | 180 | 20 11 | 178 | 1 5 | 101 | 13 25 | 17 | 10月 | 1 | 9 37 | 176 | 20 41 | 184 | 2 53 | 37 | 15 2 | 108 | |
| | 2 | 7 10 | 178 | 20 44 | 176 | 1 37 | 100 | 14 0 | 22 | 2 | 10 50 | 162 | 21 19 | 172 | 3 45 | 46 | 15 52 | 125 | | |
| | 3 | 7 47 | 174 | 21 18 | 174 | 2 13 | 100 | 14 35 | 28 | 3 | 上弦 | 12 53 | 156 | 22 27 | 158 | 4 56 | 56 | 17 32 | 138 | |
| | 4 | 8 27 | 168 | 21 54 | 172 | 2 52 | 99 | 15 12 | 37 | 4 | 4 37 | 194 | 14 49 | 164 | 6 40 | 61 | 20 14 | 133 | | |
| | 5 | 9 14 | 161 | 22 33 | 171 | 3 39 | 97 | 15 52 | 49 | 5 | 0 49 | 153 | 15 45 | 176 | 8 21 | 55 | 21 27 | 115 | | |
| | 6 | 10 13 | 153 | 23 16 | 169 | 4 34 | 94 | 16 38 | 62 | 6 | 2 39 | 164 | 16 22 | 187 | 9 30 | 45 | 22 10 | 95 | | |
| | 7 | 上弦 | 11 28 | 147 | 23 57 | 167 | 5 37 | 87 | 17 33 | 76 | 7 | 3 46 | 180 | 16 54 | 195 | 10 20 | 37 | 22 46 | 75 | |
| | 8 | 0 4 | 169 | 13 0 | 147 | 6 46 | 76 | 18 40 | 90 | 8 | 4 37 | 194 | 17 23 | 201 | 11 1 | 35 | 23 20 | 57 | | |
| | 9 | 0 57 | 170 | 14 33 | 154 | 7 54 | 60 | 19 56 | 101 | 9 | 5 23 | 204 | 17 50 | 204 | 11 38 | 39 | 23 54 | 43 | | |
| | 10 | 1 53 | 173 | 15 51 | 167 | 8 57 | 42 | 21 12 | 107 | 10 | 望 | 6 4 | 207 | 18 16 | 205 | | | 12 11 | 48 | |
| | 11 | 2 49 | 179 | 16 55 | 181 | 9 54 | 23 | 22 18 | 108 | 11 | 6 44 | 206 | 18 40 | 202 | 0 26 | 33 | 12 42 | 61 | | |
| | 12 | 3 45 | 186 | 17 50 | 192 | 10 48 | 6 | 23 15 | 107 | 12 | 7 22 | 200 | 19 3 | 198 | 0 58 | 28 | 13 11 | 75 | | |
| | 13 | 4 39 | 193 | 18 40 | 199 | 11 40 | -6 | | | 13 | 8 0 | 191 | 19 25 | 191 | 1 30 | 28 | 13 39 | 89 | | |
| | 14 | 望 | 5 31 | 199 | 19 25 | 201 | 0 5 | 103 | 12 29 | -11 | 14 | 8 38 | 180 | 19 47 | 183 | 2 3 | 33 | 14 6 | 102 | |
| | 15 | 6 22 | 202 | 20 8 | 200 | 0 52 | 99 | 13 17 | -9 | 15 | 9 20 | 168 | 20 10 | 173 | 2 38 | 41 | 14 35 | 114 | | |
| | 16 | 7 12 | 201 | 20 49 | 195 | 1 38 | 94 | 14 2 | 0 | 16 | 10 12 | 156 | 20 35 | 161 | 3 17 | 52 | 15 9 | 124 | | |
| | 17 | 8 2 | 194 | 21 26 | 189 | 2 23 | 90 | 14 45 | 16 | 17 | 11 34 | 147 | 21 7 | 148 | 4 9 | 64 | 16 9 | 133 | | |
| | 18 | 8 52 | 183 | 22 3 | 183 | 3 10 | 86 | 15 26 | 36 | 18 | 下弦 | 13 47 | 147 | 22 57 | 136 | 5 25 | 74 | 19 40 | 133 | |
| | 19 | 9 45 | 169 | 22 38 | 176 | 4 0 | 84 | 16 5 | 59 | 19 | 15 2 | 155 | 23 5 | 155 | 7 8 | 77 | 21 12 | 120 | | |
| | 20 | 下弦 | 10 45 | 155 | 23 16 | 171 | 4 55 | 82 | 16 46 | 81 | 20 | 1 47 | 138 | 15 38 | 164 | 8 30 | 71 | 21 43 | 105 | |
| | 21 | | | 12 4 | 144 | 5 57 | 79 | 17 34 | 100 | 21 | 3 2 | 150 | 16 6 | 174 | 9 24 | 63 | 22 10 | 88 | | |
| | 22 | 0 0 | 165 | 13 48 | 140 | 7 8 | 74 | 18 42 | 116 | 22 | 3 51 | 165 | 16 30 | 183 | 10 5 | 56 | 22 36 | 71 | | |
| | 23 | 0 56 | 162 | 15 28 | 147 | 8 18 | 66 | 20 19 | 124 | 23 | 4 32 | 179 | 16 54 | 191 | 10 40 | 51 | 23 3 | 53 | | |
| | 24 | 2 1 | 161 | 16 32 | 157 | 9 19 | 57 | 21 43 | 123 | 24 | 5 11 | 191 | 17 19 | 197 | 11 14 | 50 | 23 32 | 36 | | |
| | 25 | 3 2 | 163 | 17 15 | 167 | 10 8 | 46 | 22 38 | 118 | 25 | 朔 | 5 50 | 200 | 17 45 | 202 | 11 47 | 54 | | | |
| | 26 | 3 54 | 168 | 17 50 | 175 | 10 50 | 37 | 23 17 | 113 | 26 | 6 29 | 205 | 18 12 | 204 | 0 4 | 22 | 12 21 | 62 | | |
| | 27 | 4 38 | 174 | 18 21 | 180 | 11 28 | 29 | 23 50 | 107 | 27 | 7 11 | 204 | 18 40 | 202 | 0 37 | 12 | 12 56 | 73 | | |
| | 28 | 5 16 | 180 | 18 50 | 184 | 12 3 | 23 | | | 28 | 7 55 | 198 | 19 10 | 197 | 1 14 | 7 | 13 32 | 87 | | |
| | 29 | 朔 | 5 53 | 185 | 19 18 | 186 | 0 20 | 102 | 12 36 | 21 | 8 44 | 187 | 19 43 | 188 | 1 55 | 10 | 14 11 | 101 | | |
| | 30 | 6 28 | 188 | 19 46 | 188 | 0 50 | 97 | 13 9 | 21 | 29 | 9 42 | 174 | 20 21 | 177 | 2 41 | 19 | 14 58 | 115 | | |
| | 31 | 7 3 | 189 | 20 14 | 188 | 1 21 | 92 | 13 40 | 25 | 31 | 11 0 | 162 | 21 11 | 162 | 3 37 | 32 | 16 5 | 126 | | |
| 8月 | 1 | 7 40 | 187 | 20 42 | 188 | 1 53 | 88 | 14 12 | 32 | 11月 | 1 | 上弦 | 12 43 | 158 | 22 43 | 149 | 4 50 | 46 | 18 1 | 128 |
| | 2 | 8 19 | 182 | 21 11 | 187 | 2 29 | 84 | 14 45 | 43 | 2 | 2 | 0 58 | 146 | 14 9 | 163 | 6 25 | 55 | 19 59 | 115 | |
| | 3 | 9 2 | 175 | 21 41 | 184 | 3 9 | 80 | 15 19 | 57 | 3 | 0 58 | 146 | 15 2 | 171 | 7 55 | 57 | 21 2 | 95 | | |
| | 4 | 9 54 | 165 | 22 15 | 180 | 3 54 | 77 | 15 58 | 74 | 4 | 2 34 | 156 | 15 40 | 178 | 9 2 | 55 | 21 45 | 73 | | |
| | 5 | 上弦 | 11 2 | 156 | 22 56 | 176 | 4 47 | 73 | 16 45 | 93 | 5 | 3 39 | 169 | 16 12 | 185 | 9 53 | 55 | 22 23 | 53 | |
| | 6 | 12 36 | 151 | 23 50 | 171 | 5 54 | 68 | 17 50 | 111 | 6 | 4 31 | 181 | 16 42 | 190 | 10 35 | 57 | 22 57 | 36 | | |
| | 7 | | | 14 30 | 156 | 7 14 | 60 | 19 26 | 124 | 7 | 5 15 | 189 | 17 9 | 193 | 11 12 | 63 | 23 30 | 23 | | |
| | 8 | 1 3 | 169 | 15 59 | 169 | 8 35 | 46 | 21 8 | 126 | 8 | 望 | 5 56 | 192 | 17 35 | 193 | 11 45 | 71 | | | |
| | 9 | 2 24 | 173 | 16 59 | 183 | 9 45 | 30 | 22 21 | 119 | 9 | 6 35 | 193 | 18 1 | 191 | 0 2 | 15 | 12 17 | 79 | | |
| | 10 | 3 37 | 183 | 17 46 | 195 | 10 43 | 14 | 23 13 | 109 | 10 | 7 12 | 189 | 18 26 | 188 | 0 34 | 11 | 12 48 | 88 | | |
| | 11 | 4 37 | 195 | 18 27 | 203 | 11 34 | 3 | 23 58 | 98 | 11 | 7 48 | 183 | 18 52 | 182 | 1 6 | 12 | 13 18 | 96 | | |
| | 12 | 5 31 | 205 | 19 4 | 206 | 12 20 | -1 | | | 12 | 8 25 | 175 | 19 18 | 175 | 1 39 | 17 | 13 48 | 103 | | |
| | 13 | 6 20 | 210 | 19 39 | 206 | 0 39 | 87 | 13 2 | 3 | 13 | 9 4 | 166 | 19 46 | 166 | 2 14 | 26 | 14 21 | 109 | | |
| | 14 | 7 7 | 210 | 20 10 | 203 | 1 18 | 78 | 13 40 | 15 | 14 | 9 50 | 157 | 20 19 | 155 | 2 52 | 36 | 15 1 | 115 | | |
| | 15 | 7 51 | 203 | 20 40 | 198 | 1 58 | 71 | 14 16 | 33 | 15 | 10 48 | 149 | 21 1 | 143 | 3 38 | 48 | 16 1 | 119 | | |
| | 16 | 8 35 | 191 | 21 7 | 191 | 2 37 | 68 | 14 49 | 54 | 16 | 下弦 | 12 8 | 146 | 22 24 | 132 | 4 36 | 59 | 17 53 | 120 | |
| | 17 | 9 21 | 176 | 21 33 | 184 | 3 18 | 67 | 15 19 | 76 | 17 | 13 28 | 149 | 23 28 | 149 | 5 52 | 67 | 19 51 | 109 | | |
| | 18 | 10 12 | 160 | 22 0 | 176 | 4 3 | 69 | 15 49 | 97 | 18 | 0 40 | 128 | 14 22 | 156 | 7 15 | 70 | 20 47 | 93 | | |
| | 19 | 下弦 | 11 21 | 147 | 22 33 | 167 | 4 56 | 73 | 16 24 | 115 | 19 | 2 16 | 137 | 15 0 | 164 | 8 22 | 68 | 21 24 | 74 | |
| | 20 | 13 15 | 141 | 23 25 | 158 | 6 3 | 76 | 17 24 | 131 | 20 | 3 19 | 150 | 15 33 | 173 | 9 15 | 66 | 21 57 | 53 | | |
| | 21 | | | 15 31 | 148 | 7 29 | 75 | 20 2 | 137 | 21 | 4 9 | 165 | 16 3 | 181 | 9 59 | 65 | 22 30 | 32 | | |
| | 22 | 1 5 | 153 | 16 29 | 160 | 8 50 | 68 | 21 51 | 130 | 22 | 4 54 | 179 | 16 33 | 188 | 10 40 | 66 | 23 5 | 13 | | |
| | 23 | 2 41 | 156 | 17 3 | 170 | 9 49 | 58 | 22 36 | 121 | 23 | 5 38 | 189 | 17 5 | 193 | 11 20 | 70 | 23 41 | -3 | | |
| | 24 | 3 43 | 164 | 17 31 | 178 | 10 34 | 47 | 23 7 | 111 | 24 | 6 23 | 195 | 17 38 | 196 | | | 12 0 | 76 | | |
| | 25 | 4 29 | 174 | 17 57 | 185 | 11 11 | 38 | 23 34 | 102 | 25 | 朔 | 7 9 | 196 | 18 14 | 195 | 0 21 | -12 | 12 41 | 84 | |
| | 26 | 5 7 | 184 | 18 22 | 190 | 11 44 | 31 | | | 26 | 7 57 | 191 | 18 52 | 190 | 1 3 | -15 | 13 24 | 93 | | |
| | 27 | 朔 | 5 43 | 192 | 18 46 | 194 | 0 1 | 93 | 12 15 | 27 | 8 49 | 182 | 19 34 | 182 | 1 49 | -10 | 14 10 | 101 | | |
| | 28 | 6 18 | 197 | 19 10 | 198 | 0 28 | 84 | 12 45 | 28 | 28 | 9 45 | 172 | 20 23 | 170 | 2 39 | 1 | 15 4 | 107 | | |
| | 29 | 6 53 | 200 | 19 35 | 200 | 0 57 | 75 | 13 15 | 32 | 29 | 10 49 | 163 | 21 25 | 156 | 3 35 | 16 | 16 13 | 109 | | |
| | 30 | 7 29 | 198 | 20 0 | 199 | 1 28 | 67 | 13 45 | 42 | 30 | 上弦 | 11 59 | 158 | 22 50 | 143 | 4 38 | 33 | 17 42 | 105 | |
| | 31 | 8 8 | 193 | 20 25 | 197 | 2 2 | 62 | 14 16 | 55 | | | | | | | | | | | |
| 9月 | 1 | 8 51 | 185 | 20 52 | 192 | 2 38 | 58 | 14 48 | 72 | 12月 | 1 | | | 13 6 | 157 | 5 51 | 48 | 19 13 | 93 | |
| | 2 | 9 41 | 174 | 21 22 | 186 | 3 19 | 57 | 15 24 | 92 | 2 | 0 38 | 138 | 14 2 | 160 | 7 8 | 60 | 20 23 | 75 | | |
| | 3 | 10 48 | 161 | 21 59 | 177 | 4 9 | 59 | 16 8 | 112 | 3 | 2 15 | 142 | 14 47 | 165 | 8 18 | 69 | 21 15 | 56 | | |
| | 4 | 上弦 | 12 34 | 153 | 22 54 | 167 | 5 16 | 62 | 17 18 | 130 | 4 | 3 28 | 150 | 15 25 | 169 | 9 17 | 74 | 21 58 | 38 | |
| | 5 | | | 14 50 | 160 | 6 49 | 61 | 19 38 | 138 | 5 | 4 25 | 160 | 15 59 | 173 | 10 6 | 79 | 22 36 | 23 | | |
| | 6 | 0 37 | 162 | 16 5 | 174 | 8 29 | 52 | 21 27 | 129 | 6 | 5 12 | 168 | 16 32 | 175 | 10 49 | 82 | 23 11 | 12 | | |
| | 7 | 2 27 | 168 | 16 51 | 187 | 9 42 | 37 | 22 23 | 113 | 7 | 5 53 | 174 | | | | | | | | |