

神戸

KOBE

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 | | | | | |
| 1月 1 | 8 59 | 139 | 19 36 | 129 | 2 19 | -10 | 14 9 | 90 | 4月 1 | 8 52 | 137 | 22 2 | 132 | 3 1 | 57 | 15 39 | 8 | |
| 2 | 9 39 | 136 | 20 22 | 124 | 2 58 | -7 | 14 54 | 92 | 2 | 9 17 | 127 | 23 23 | 116 | 3 39 | 80 | 16 38 | 13 | |
| 3 | 10 22 | 132 | 21 13 | 115 | 3 39 | 0 | 15 48 | 92 | 3 | 9 24 | 117 | | | 4 17 | 101 | 17 48 | 21 | |
| 4 | 11 9 | 126 | 22 13 | 105 | 4 22 | 12 | 16 57 | 91 | 4 | 6 59 | 118 | | | | | 19 12 | 28 | |
| 5 | 11 58 | 121 | 23 27 | 94 | 5 8 | 28 | 20 16 | 83 | 5 | 5 25 | 127 | | | | | 20 51 | 32 | |
| 6 | 下弦 | | 12 48 | 117 | 5 58 | 46 | 21 4 | 68 | 6 | 5 56 | 130 | | | | | 22 7 | 33 | |
| 7 | 1 8 | 88 | 13 35 | 115 | 6 59 | 65 | 21 41 | 51 | 7 | 6 15 | 128 | 15 50 | 94 | 13 18 | 85 | 22 56 | 34 | |
| 8 | 3 37 | 92 | 14 19 | 114 | 8 13 | 82 | 22 17 | 33 | 8 | 5 54 | 126 | 16 42 | 105 | 13 11 | 82 | 23 30 | 36 | |
| 9 | 6 7 | 106 | 15 4 | 115 | 9 31 | 94 | 22 56 | 16 | 9 | 5 53 | 127 | 17 25 | 116 | 11 45 | 70 | | | |
| 10 | 6 49 | 119 | 15 53 | 119 | 10 38 | 101 | 23 37 | 0 | 10 | 6 12 | 130 | 18 4 | 126 | 0 0 | 38 | 12 9 | 56 | |
| 11 | 7 5 | 130 | 16 44 | 124 | 11 31 | 101 | | | 11 | 6 36 | 133 | 18 42 | 133 | 0 29 | 42 | 12 39 | 43 | |
| 12 | 7 20 | 137 | 17 36 | 130 | 0 19 | -14 | 12 14 | 98 | 12 | 7 1 | 135 | 19 19 | 137 | 0 57 | 47 | 13 12 | 33 | |
| 13 | 7 47 | 142 | 18 25 | 134 | 1 0 | -22 | 12 54 | 93 | 13 | 7 25 | 134 | 19 55 | 137 | 1 23 | 54 | 13 45 | 27 | |
| 14 | 8 20 | 143 | 19 11 | 135 | 1 41 | -25 | 13 33 | 88 | 14 | 7 46 | 132 | 20 33 | 134 | 1 48 | 62 | 14 20 | 23 | |
| 15 | 8 55 | 140 | 19 54 | 132 | 2 20 | -21 | 14 13 | 84 | 15 | 8 4 | 128 | 21 13 | 128 | 2 12 | 71 | 14 57 | 23 | |
| 16 | 9 32 | 134 | 20 34 | 124 | 2 58 | -11 | 14 54 | 83 | 16 | 8 20 | 124 | 22 1 | 121 | 2 37 | 81 | 15 37 | 25 | |
| 17 | 10 9 | 127 | 21 14 | 112 | 3 34 | 4 | 15 40 | 82 | 17 | 8 29 | 118 | 23 8 | 113 | 3 5 | 92 | 16 22 | 29 | |
| 18 | 10 48 | 119 | 21 55 | 99 | 4 6 | 22 | 16 38 | 81 | 18 | 7 49 | 114 | | | 3 37 | 103 | 17 15 | 34 | |
| 19 | 11 26 | 113 | 22 43 | 86 | 4 32 | 40 | 19 10 | 76 | 19 | 6 52 | 116 | | | | | 18 14 | 39 | |
| 20 | 11 59 | 107 | 23 58 | 75 | 4 46 | 57 | 20 32 | 66 | 20 | 上弦 | 4 30 | 121 | | | | | 19 30 | 43 |
| 21 | 上弦 | | 12 19 | 103 | 4 11 | 70 | 21 23 | 54 | 21 | 5 1 | 126 | | | | | 21 7 | 44 | |
| 22 | | | 12 21 | 102 | | | 22 9 | 43 | 22 | 5 20 | 129 | 15 19 | 90 | 12 52 | 86 | 22 9 | 42 | |
| 23 | 10 57 | 102 | | | | | 22 50 | 32 | 23 | 5 21 | 130 | 16 21 | 106 | 11 47 | 81 | 22 52 | 39 | |
| 24 | 8 54 | 106 | | | | | 23 27 | 21 | 24 | 5 26 | 133 | 17 8 | 124 | 11 31 | 66 | 23 29 | 38 | |
| 25 | 7 18 | 112 | | | | | | | 25 | 5 44 | 139 | 17 53 | 142 | 11 54 | 46 | | | |
| 26 | 7 21 | 119 | 16 0 | 106 | 0 0 | 10 | 12 9 | 100 | 26 | 望 | 6 11 | 146 | 18 37 | 156 | 0 5 | 39 | 12 27 | 26 |
| 27 | 7 30 | 125 | 17 21 | 113 | 0 31 | 0 | 12 21 | 94 | 27 | 6 40 | 152 | 19 23 | 163 | 0 42 | 45 | 13 6 | 8 | |
| 28 | 7 45 | 130 | 18 14 | 122 | 1 0 | -9 | 12 48 | 86 | 28 | 7 12 | 153 | 20 11 | 162 | 1 20 | 55 | 13 48 | -3 | |
| 29 | 8 7 | 134 | 19 1 | 130 | 1 31 | -16 | 13 22 | 78 | 29 | 7 44 | 150 | 21 5 | 154 | 1 59 | 70 | 14 34 | -6 | |
| 30 | 8 35 | 137 | 19 46 | 133 | 2 4 | -19 | 14 0 | 72 | 30 | 8 14 | 143 | 22 8 | 141 | 2 39 | 87 | 15 26 | -2 | |
| 31 | 9 7 | 137 | 20 32 | 132 | 2 39 | -15 | 14 42 | 67 | | | | | | | | | | |
| 2月 1 | 9 43 | 133 | 21 20 | 124 | 3 16 | -5 | 15 30 | 63 | 5月 1 | 8 37 | 133 | 23 50 | 130 | 3 21 | 105 | 16 24 | 8 | |
| 2 | 10 20 | 127 | 22 13 | 112 | 3 55 | 11 | 16 25 | 60 | 2 | 7 5 | 123 | | | 4 15 | 119 | 17 29 | 21 | |
| 3 | 10 58 | 120 | 23 17 | 98 | 4 36 | 32 | 17 37 | 55 | 3 | 3 11 | 130 | | | | | 18 41 | 34 | |
| 4 | 11 34 | 113 | | | 5 17 | 56 | 19 9 | 47 | 4 | 4 21 | 133 | | | | | 20 7 | 45 | |
| 5 | 下弦 | 0 57 | 12 8 | 107 | 6 4 | 79 | 20 38 | 36 | 5 | 4 54 | 133 | 14 20 | 90 | 12 20 | 88 | 21 24 | 53 | |
| 6 | | | 12 29 | 104 | | | 21 53 | 23 | 6 | 5 2 | 130 | 15 41 | 97 | 12 21 | 82 | 22 17 | 60 | |
| 7 | 6 44 | 113 | | | | | 22 51 | 11 | 7 | 4 54 | 128 | 16 32 | 106 | 11 49 | 76 | 22 54 | 66 | |
| 8 | 7 15 | 122 | | | | | 23 35 | 0 | 8 | 5 7 | 129 | 17 14 | 115 | 11 30 | 64 | 23 25 | 72 | |
| 9 | 7 25 | 126 | 16 40 | 110 | 11 47 | 101 | | | 9 | 5 29 | 131 | 17 54 | 124 | 11 52 | 51 | 23 54 | 77 | |
| 10 | 7 11 | 130 | 17 37 | 119 | 0 13 | -9 | 12 11 | 91 | 10 | 5 53 | 133 | 18 33 | 132 | | | 12 22 | 39 | |
| 11 | 7 26 | 133 | 18 25 | 128 | 0 49 | -15 | 12 43 | 80 | 11 | 6 16 | 135 | 19 10 | 138 | 0 22 | 81 | 12 54 | 29 | |
| 12 | 7 51 | 136 | 19 7 | 133 | 1 24 | -15 | 13 17 | 70 | 12 | 6 37 | 135 | 19 48 | 141 | 0 48 | 84 | 13 27 | 22 | |
| 13 | 8 21 | 135 | 19 47 | 133 | 1 58 | -11 | 13 54 | 62 | 13 | 6 58 | 135 | 20 27 | 141 | 1 15 | 88 | 14 1 | 18 | |
| 14 | 8 52 | 132 | 20 25 | 127 | 2 30 | -1 | 14 31 | 58 | 14 | 7 17 | 134 | 21 9 | 139 | 1 43 | 93 | 14 37 | 18 | |
| 15 | 9 22 | 127 | 21 2 | 117 | 3 0 | 13 | 15 11 | 56 | 15 | 7 36 | 131 | 21 59 | 134 | 2 15 | 99 | 15 17 | 21 | |
| 16 | 9 50 | 120 | 21 41 | 106 | 3 25 | 29 | 15 56 | 56 | 16 | 7 46 | 126 | 23 3 | 129 | 2 52 | 106 | 16 2 | 26 | |
| 17 | 10 13 | 113 | 22 25 | 93 | 3 46 | 46 | 16 51 | 54 | 17 | 6 50 | 122 | | | 3 40 | 114 | 16 51 | 33 | |
| 18 | 10 30 | 107 | 23 24 | 82 | 3 58 | 61 | 18 5 | 51 | 18 | 1 19 | 126 | | | | | 17 45 | 41 | |
| 19 | 10 37 | 104 | | | 3 47 | 75 | 19 29 | 46 | 19 | 3 19 | 130 | | | | | 18 47 | 48 | |
| 20 | 上弦 | 9 58 | 102 | | | | 20 52 | 40 | 20 | 上弦 | 3 59 | 132 | | | | | 20 2 | 55 |
| 21 | 8 40 | 107 | | | | | 22 4 | 32 | 21 | 4 9 | 132 | 14 54 | 100 | 11 24 | 87 | 21 12 | 60 | |
| 22 | 8 10 | 116 | | | | | 22 56 | 23 | 22 | 4 10 | 133 | 16 1 | 114 | 10 56 | 76 | 22 6 | 64 | |
| 23 | 6 54 | 116 | | | | | 23 36 | 13 | 23 | 4 28 | 137 | 16 54 | 130 | 11 1 | 58 | 22 51 | 69 | |
| 24 | 6 58 | 121 | 16 31 | 97 | | | 12 27 | 94 | 24 | 4 55 | 142 | 17 43 | 146 | 11 31 | 36 | 23 34 | 74 | |
| 25 | 7 3 | 125 | 17 31 | 110 | 0 8 | 4 | 12 16 | 86 | 25 | 5 27 | 149 | 18 32 | 158 | | | 12 8 | 16 | |
| 26 | 7 14 | 131 | 18 16 | 125 | 0 37 | -5 | 12 37 | 74 | 26 | 望 | 6 1 | 154 | 19 22 | 165 | 0 15 | 81 | 12 51 | 0 |
| 27 | 7 34 | 136 | 18 59 | 138 | 1 7 | -11 | 13 8 | 61 | 27 | 6 37 | 156 | 20 13 | 165 | 0 57 | 89 | 13 37 | -9 | |
| 28 | 8 0 | 141 | 19 42 | 145 | 1 40 | -12 | 13 44 | 48 | 28 | 7 13 | 154 | 21 8 | 160 | 1 39 | 98 | 14 25 | -9 | |
| | | | | | | | | | 29 | 7 48 | 148 | 22 9 | 151 | 2 23 | 108 | 15 17 | -2 | |
| | | | | | | | | | 30 | 8 21 | 138 | 23 23 | 141 | 3 12 | 117 | 16 11 | 11 | |
| | | | | | | | | | 31 | 6 32 | 127 | | | 4 14 | 123 | 17 7 | 27 | |
| 3月 1 | 8 30 | 142 | 20 26 | 144 | 2 14 | -6 | 14 24 | 39 | 6月 1 | 1 48 | 136 | | | | | 18 6 | 44 | |
| 2 | 9 2 | 139 | 21 13 | 136 | 2 50 | 7 | 15 9 | 33 | 2 | 下弦 | 3 3 | 135 | | | | 19 11 | 60 | |
| 3 | 9 34 | 132 | 22 5 | 122 | 3 27 | 28 | 16 0 | 30 | 3 | 3 35 | 133 | 13 52 | 97 | 10 59 | 91 | 20 22 | 74 | |
| 4 | 10 5 | 123 | 23 11 | 105 | 4 5 | 52 | 17 1 | 29 | 4 | 3 44 | 131 | 15 31 | 101 | 11 10 | 82 | 21 22 | 85 | |
| 5 | 10 30 | 114 | | | 4 42 | 77 | 18 17 | 29 | 5 | 3 56 | 129 | 16 34 | 107 | 11 5 | 72 | 22 8 | 94 | |
| 6 | 下弦 | 10 7 | 107 | | | | 19 48 | 28 | 6 | 4 17 | 129 | 17 24 | 115 | 11 14 | 61 | 22 46 | 101 | |
| 7 | 6 23 | 114 | | | | | 21 26 | 24 | 7 | 4 39 | 130 | 18 6 | 124 | 11 38 | 49 | 23 19 | 105 | |
| 8 | 6 39 | 123 | | | | | 22 35 | 17 | 8 | 5 2 | 131 | 18 43 | 133 | 12 8 | 39 | 23 50 | 107 | |
| 9 | 7 1 | 126 | 15 39 | 94 | 14 7 | 92 | 23 22 | 12 | 9 | 5 24 | 134 | 19 18 | 140 | | | 12 41 | 30 | |
| 10 | 6 59 | 125 | 16 47 | 104 | 13 59 | 91 | 23 57 | 8 | 10 | 望 | 5 48 | 137 | 19 52 | 145 | 0 20 | 108 | 13 14 | 23 |
| 11 | 6 37 | 126 | 17 35 | 116 | | | 12 0 | 80 | 11 | 6 14 | 139 | 20 27 | 148 | 0 51 | 107 | 13 48 | 19 | |
| 12 | 6 51 | 130 | 18 17 | 127 | 0 29 | 7 | 12 27 | 66 | 12 | 6 43 | 140 | 21 5 | 147 | 1 24 | 107 | 14 24 | 18 | |
| 13 | 7 16 | 133 | 18 56 | 133 | 1 0 | 9 | 12 59 | 54 | 13 | 7 14 | 138 | 21 48 | 145 | 2 2 | 109 | 15 3 | 21 | |
| 14 | 7 43 | 134 | 19 33 | 135 | 1 29 | 14 | 13 33 | 45 | 14 | 7 45 | 133 | 22 37 | 141 | 2 46 | 113 | 15 45 | 26 | |
| 15 | 8 9 | 133 | 20 9 | 132 | 1 58 | 22 | 14 8 | 39 | 15 | 8 2 | 126 | 23 34 | 138 | 3 41 | 117 | 16 29 | 34 | |
| 16 | 8 34 | 129 | 20 46 | 126 | 2 23 | 34 | 14 44 | 36 | 16 | 6 34 | 120 | | | 4 58 | 119 | 17 18 | 43 | |
| 17 | 8 56 | 123 | 21 25 | 117 | 2 47 | 48 | 15 23 | 35 | 17 | 0 42 | 136 | 10 56 | 109 | 9 32 | 108 | 18 11 | 55 | |
| 18 | 9 13 | 117 | 22 10 | 106 | 3 8 | 61 | 16 7 | 36 | 18 | 上弦 | 1 45 | 135 | 12 42 | 106 | 9 53 | 97 | 19 12 | 67 |
| 19 | 9 25 | 112 | 23 9 | 97 | 3 27 | 75 | 16 58 | 37 | 19 | 2 21 | 135 | 14 28 | 110 | 10 2 | 85 | 20 19 | 80 | |
| 20 | 9 21 | 108 | | | 3 41 | 88 | 17 57 | 38 | 20 | 2 53 | 136 | 15 50 | 120 | 10 8 | 69 | 21 22 | 91 | |
| 21 | 上弦 | 7 53 | 108 | | | | 19 6 | 39 | 21 | 3 27 | 138 | 16 56 | 134 | 10 35 | 50 | 22 18 | 100 | |
| 22 | 7 31 | 112 | | | | | 20 50 | 38 | 22 | 4 4 | 142 | | | | | | | |

神戸
KOBÉ

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 | 下弦 | 1 | 0 32 | 136 | 11 13 | 110 | 8 41 | 104 | 18 3 | 74 | 10月 | 1 | | | 17 44 | 152 | 9 48 | 62 | 11月 | 1 | 4 9 | 115 | 17 9 | 148 | 0 0 | 93 | 10 30 | 62 |
| | | 2 | 1 34 | 133 | 12 56 | 102 | 9 24 | 93 | 18 41 | 91 | | 2 | 4 52 | 131 | 17 23 | 152 | 23 29 | 81 | | 2 | 4 52 | 131 | 17 23 | 152 | 11 5 | 61 | 23 41 | 62 |
| | | 3 | 2 13 | 130 | | | 9 54 | 82 | | | | 3 | 5 35 | 147 | 17 46 | 158 | 11 40 | 62 | | 3 | 5 35 | 147 | 17 46 | 158 | 11 40 | 62 | | |
| | | 4 | 2 41 | 128 | | | 10 20 | 71 | | | | 4 | 6 18 | 162 | 18 15 | 164 | 0 9 | 41 | | 4 | 6 18 | 162 | 18 15 | 164 | 0 9 | 41 | 12 16 | 66 |
| | | 5 | 3 2 | 127 | 19 42 | 124 | 10 50 | 61 | 22 13 | 123 | | 5 | 7 2 | 172 | 18 46 | 167 | 0 44 | 22 | | 5 | 7 2 | 172 | 18 46 | 167 | 0 44 | 22 | 12 54 | 73 |
| | 6 | 3 17 | 128 | 19 8 | 132 | 11 22 | 51 | 23 6 | 125 | 6 | | 7 49 | 174 | 19 18 | 166 | 1 25 | 8 | 6 | 7 49 | 174 | 19 18 | 166 | 1 25 | 8 | 13 32 | 84 | | |
| | 7 | 3 35 | 130 | 19 9 | 139 | 11 56 | 41 | 23 40 | 124 | 7 | | 8 41 | 169 | 19 49 | 160 | 2 9 | 2 | 7 | 8 41 | 169 | 19 49 | 160 | 2 9 | 2 | 14 12 | 98 | | |
| | 8 | 4 13 | 133 | 19 27 | 145 | | | 12 30 | 33 | 8 | | 9 40 | 158 | 20 16 | 150 | 2 59 | 3 | 8 | 9 40 | 158 | 20 16 | 150 | 2 59 | 3 | 14 54 | 114 | | |
| | 9 | 5 2 | 138 | 19 50 | 151 | 0 10 | 121 | 13 3 | 26 | 9 | | 10 58 | 146 | 20 12 | 138 | 3 54 | 12 | 9 | 10 58 | 146 | 20 12 | 138 | 3 54 | 12 | 15 45 | 128 | | |
| | 10 | 5 51 | 142 | 20 16 | 154 | 0 41 | 117 | 13 36 | 21 | 10 | | | | 14 19 | 141 | 4 57 | 25 | 10 | | | | | | | | | | |
| | 11 | 6 39 | 146 | 20 47 | 155 | 1 16 | 113 | 14 9 | 19 | 11 | | 上弦 | | 15 46 | 145 | 6 7 | 38 | 11 | 上弦 | | 15 46 | 145 | 6 7 | 38 | | | | |
| | 12 | 7 26 | 147 | 21 21 | 155 | 1 54 | 111 | 14 45 | 21 | 12 | | 1 | 36 | 99 | 16 27 | 145 | 7 30 | 51 | 12 | 1 | 36 | 99 | 16 27 | 145 | 7 30 | 51 | 23 48 | 97 |
| | 13 | 8 13 | 145 | 21 59 | 153 | 2 38 | 110 | 15 22 | 26 | 13 | | 1 36 | 99 | 16 45 | 142 | 8 58 | 61 | 13 | 1 36 | 99 | 16 45 | 142 | 8 58 | 61 | 23 50 | 89 | | |
| | 14 | 9 3 | 140 | 22 41 | 149 | 3 27 | 109 | 16 3 | 36 | 14 | | 3 22 | 104 | 16 39 | 138 | 9 55 | 69 | 14 | 3 22 | 104 | 16 39 | 138 | 9 55 | 69 | 23 49 | 80 | | |
| | 15 | 9 58 | 132 | 23 25 | 145 | 4 27 | 108 | 16 46 | 50 | 15 | | 4 18 | 112 | 16 47 | 138 | 10 34 | 77 | 15 | 4 18 | 112 | 16 47 | 138 | 10 34 | 77 | 23 24 | 68 | | |
| | 16 | 11 2 | 124 | | | 5 50 | 103 | 17 34 | 67 | 16 | | 5 2 | 121 | 17 7 | 139 | 11 6 | 83 | 16 | 5 2 | 121 | 17 7 | 139 | 11 6 | 83 | 23 40 | 54 | | |
| | 17 | 0 10 | 141 | 12 26 | 117 | 7 40 | 91 | 18 28 | 85 | 17 | | 5 43 | 129 | 17 31 | 141 | 11 35 | 88 | 17 | 5 43 | 129 | 17 31 | 141 | 11 35 | 88 | | | | |
| | 18 | 0 54 | 139 | 14 21 | 117 | 8 39 | 77 | 19 33 | 103 | 18 | | 6 23 | 137 | 17 56 | 142 | 0 8 | 41 | 18 | 6 23 | 137 | 17 56 | 142 | 0 8 | 41 | 12 4 | 92 | | |
| | 19 | 1 36 | 137 | 17 12 | 128 | 9 29 | 62 | 20 48 | 117 | 19 | | 7 1 | 143 | 18 18 | 143 | 0 40 | 30 | 19 | 7 1 | 143 | 18 18 | 143 | 0 40 | 30 | 12 32 | 96 | | |
| | 20 | 2 20 | 138 | 18 13 | 141 | 10 18 | 46 | 22 4 | 125 | 20 | | 7 40 | 146 | 18 38 | 142 | 1 14 | 22 | 20 | 7 40 | 146 | 18 38 | 142 | 1 14 | 22 | 12 59 | 98 | | |
| | 21 | 3 12 | 140 | 18 39 | 152 | 11 6 | 31 | 23 5 | 127 | 21 | | 8 19 | 146 | 18 56 | 140 | 1 48 | 18 | 21 | 8 19 | 146 | 18 56 | 140 | 1 48 | 18 | 13 27 | 102 | | |
| | 22 | 4 11 | 145 | 18 59 | 160 | 11 53 | 18 | 23 52 | 124 | 22 | | 9 1 | 144 | 19 11 | 136 | 2 24 | 18 | 22 | 9 1 | 144 | 19 11 | 136 | 2 24 | 18 | 13 57 | 106 | | |
| | 23 | 5 10 | 152 | 19 26 | 166 | | | 12 37 | 8 | 23 | | 9 47 | 139 | 19 15 | 131 | 3 1 | 21 | 23 | 9 47 | 139 | 19 15 | 131 | 3 1 | 21 | 14 30 | 111 | | |
| | 24 | 6 5 | 159 | 19 58 | 169 | 0 34 | 119 | 13 20 | 4 | 24 | | 10 44 | 133 | 18 35 | 127 | 3 42 | 26 | 24 | 10 44 | 133 | 18 35 | 127 | 3 42 | 26 | 15 13 | 118 | | |
| | 25 | 6 55 | 163 | 20 33 | 167 | 1 14 | 112 | 14 1 | 6 | 25 | | 12 12 | 129 | 18 5 | 124 | 4 27 | 34 | 25 | 12 12 | 129 | 18 5 | 124 | 4 27 | 34 | 16 28 | 123 | | |
| | 26 | 7 41 | 163 | 21 9 | 163 | 1 54 | 107 | 14 41 | 16 | 26 | | 14 56 | 131 | 15 41 | 133 | 5 16 | 42 | 26 | 14 56 | 131 | 15 41 | 133 | 5 16 | 42 | | | | |
| | 27 | 8 25 | 157 | 21 46 | 156 | 2 37 | 103 | 15 19 | 31 | 27 | | 15 41 | 133 | 16 0 | 133 | 6 11 | 50 | 27 | 15 41 | 133 | 16 0 | 133 | 6 11 | 50 | 23 24 | 84 | | |
| | 28 | 9 9 | 147 | 22 24 | 149 | 3 23 | 102 | 15 55 | 50 | 28 | | 16 0 | 133 | 16 0 | 133 | 7 20 | 58 | 28 | 16 0 | 133 | 16 0 | 133 | 7 20 | 58 | 23 15 | 74 | | |
| | 29 | 9 53 | 134 | 23 1 | 142 | 4 17 | 101 | 16 27 | 69 | 29 | | 2 31 | 92 | 15 55 | 132 | 8 36 | 65 | 29 | 2 31 | 92 | 15 55 | 132 | 8 36 | 65 | 23 15 | 74 | | |
| | 30 | 10 44 | 120 | 23 33 | 136 | 5 43 | 98 | 16 50 | 88 | 30 | | 3 48 | 104 | 16 6 | 134 | 9 36 | 70 | 30 | 3 48 | 104 | 16 6 | 134 | 9 36 | 70 | 23 1 | 58 | | |
| | 31 | 12 0 | 110 | 23 54 | 132 | 7 37 | 90 | 16 47 | 104 | 31 | | | | | | | | | | | | | | | | | | |
| 8月 | 下弦 | 1 | | | 23 50 | 130 | 8 36 | 81 | 9月 | 1 | | | 19 7 | 144 | 9 31 | 65 | 12月 | 1 | 4 41 | 119 | 16 30 | 138 | 10 25 | 75 | 23 19 | 37 | | |
| | | 2 | | | 21 26 | 132 | 9 27 | 71 | | 2 | | | 18 23 | 149 | 10 29 | 58 | | 2 | 5 30 | 135 | 17 1 | 144 | 11 9 | 79 | 23 52 | 15 | | |
| | | 3 | | | 20 36 | 136 | 10 15 | 62 | | 3 | 4 22 | 126 | 18 33 | 153 | 11 14 | 51 | | 3 | 6 17 | 149 | 17 36 | 150 | 11 52 | 84 | | | | |
| | | 4 | | | 18 58 | 141 | 11 0 | 54 | | 4 | 5 16 | 138 | 18 44 | 156 | 1 33 | 125 | | 4 | 7 5 | 159 | 18 12 | 154 | 0 32 | -3 | 12 34 | 89 | | |
| | | 5 | | | 19 0 | 147 | 11 39 | 45 | | 5 | | | 18 56 | 160 | 0 7 | 118 | | 5 | 7 54 | 162 | 18 49 | 155 | 1 15 | -16 | 13 16 | 95 | | |
| | 6 | 2 18 | 133 | 19 13 | 152 | 0 5 | 130 | 12 14 | | 38 | 6 | 5 59 | 151 | 19 13 | 165 | 0 22 | | 107 | 6 | 8 45 | 160 | 19 27 | 150 | 2 2 | -20 | 14 0 | 102 | |
| | 7 | 5 3 | 137 | 19 30 | 156 | 0 14 | 125 | 12 45 | | 31 | 7 | 6 40 | 164 | 19 37 | 170 | 0 50 | | 94 | 7 | 9 39 | 152 | 20 5 | 141 | 2 51 | -16 | 14 46 | 109 | |
| | 8 | 6 0 | 146 | 19 50 | 160 | 0 36 | 117 | 13 15 | | 25 | 8 | 7 22 | 173 | 20 5 | 172 | 1 23 | | 81 | 8 | 10 40 | 142 | 20 41 | 128 | 3 42 | -5 | 15 41 | 115 | |
| | 9 | 6 46 | 155 | 20 15 | 163 | 1 6 | 109 | 13 46 | | 23 | 9 | 8 5 | 175 | 20 36 | 171 | 2 2 | | 70 | 9 | | | | | | | | | |
| | 10 | 7 30 | 160 | 20 45 | 165 | 1 42 | 101 | 14 19 | | 25 | 10 | 8 50 | 170 | 21 8 | 166 | 2 44 | | 63 | 10 | | | | | | | | | |
| | 11 | 8 14 | 161 | 21 18 | 163 | 2 21 | 95 | 14 54 | | 32 | 11 | 9 41 | 158 | 21 39 | 158 | 3 32 | | 59 | 11 | 上弦 | | 15 13 | 127 | 6 30 | 49 | 22 33 | 84 | |
| | 12 | 9 0 | 157 | 21 53 | 159 | 3 6 | 90 | 15 32 | | 46 | 12 | 10 43 | 144 | 22 6 | 148 | 4 30 | | 58 | 12 | 1 | 36 | 99 | 16 27 | 145 | 7 30 | 51 | 23 48 | 97 |
| | 13 | 9 51 | 148 | 22 29 | 153 | 3 58 | 87 | 16 12 | | 64 | 13 | 14 51 | 136 | 23 8 | 147 | 5 2 | | 92 | 13 | 3 22 | 104 | 16 39 | 138 | 8 58 | 61 | 23 50 | 89 | |
| | 14 | 10 51 | 136 | 23 8 | 147 | 5 2 | 92 | 16 56 | | 86 | 14 | 14 15 | 126 | 23 40 | 141 | 6 21 | | 76 | 14 | 4 18 | 112 | 16 47 | 138 | 10 34 | 77 | 23 24 | 68 | |
| | 15 | 12 15 | 126 | 23 40 | 141 | 6 21 | 76 | 17 46 | | 108 | 15 | 15 13 | 129 | 23 50 | 141 | 7 43 | | 67 | 15 | 5 2 | 121 | 17 7 | 139 | 11 6 | 83 | 23 40 | 54 | |
| | 16 | 上弦 | | 16 38 | 130 | 7 43 | 67 | 18 57 | | 127 | 16 | 16 0 | 133 | 17 54 | 144 | 9 1 | | 46 | 16 | 5 43 | 129 | 17 31 | 141 | 11 35 | 88 | | | |
| | 17 | 0 8 | 137 | 17 54 | 144 | 9 1 | 57 | | | | 17 | 6 23 | 137 | 18 34 | 153 | 10 9 | | 46 | 17 | 6 23 | 137 | 17 56 | 142 | 0 8 | 41 | 12 4 | 92 | |
| | 18 | | | 18 34 | 153 | 10 9 | 46 | 23 50 | | 124 | 18 | 7 1 | 143 | 18 18 | 143 | 0 40 | | 30 | 18 | 7 1 | 143 | 18 18 | 143 | 0 40 | 30 | 12 32 | 96 | |
| | 19 | 4 9 | 140 | 18 50 | 158 | 11 2 | 36 | 23 26 | | 133 | 19 | 7 40 | 146 | 18 38 | 142 | 1 14 | | 22 | 19 | 7 40 | 146 | 18 38 | 142 | 1 14 | 22 | 12 59 | 98 | |
| | 20 | | | 18 47 | 162 | 11 46 | 27 | 23 50 | | 124 | 20 | 8 19 | 146 | 18 38 | 142 | 1 14 | | 22 | 20 | 8 19 | 146 | 18 38 | 142 | 1 14 | 22 | 12 59 | 98 | |
| | 21 | 5 13 | 151 | 19 2 | 166 | | | 12 24 | | 21 | 21 | 上弦 | | 18 19 | 146 | 1 48 | | 18 | 21 | 8 19 | 146 | 18 56 | 140 | 1 48 | 18 | 13 27 | 102 | |
| | 22 | 6 4 | 161 | 19 28 | 169 | 0 22 | 112 | 13 | | | | | | | | | | | | | | | | | | | | |