

釧路

KUSHIRO

2019 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 | |
| 1月 | 1 | 10 38 | 130 | | | 4 1 | 78 | 18 24 | 48 | | 4月 | 1 | 2 18 | 112 | 12 10 | 105 | 7 26 | 87 | 19 26 | 34 |
| | 2 | 1 30 | 101 | 11 25 | 134 | 5 12 | 89 | 19 14 | 35 | | 2 | 2 39 | 115 | 13 18 | 111 | 8 4 | 76 | 20 7 | 32 | |
| | 3 | 2 37 | 111 | 12 13 | 137 | 6 26 | 97 | 19 59 | 23 | | 3 | 2 58 | 117 | 14 7 | 117 | 8 35 | 65 | 20 42 | 31 | |
| | 4 | 3 23 | 120 | 12 59 | 140 | 7 31 | 101 | 20 38 | 15 | | 4 | 3 16 | 119 | 14 49 | 122 | 9 4 | 54 | 21 13 | 33 | |
| | 5 | 4 2 | 126 | 13 41 | 143 | 8 25 | 102 | 21 14 | 10 | | 5 | 3 33 | 121 | 15 29 | 125 | 9 33 | 44 | 21 42 | 37 | |
| | 6 | 4 37 | 130 | 14 21 | 145 | 9 10 | 102 | 21 49 | 7 | | 6 | 3 51 | 123 | 16 8 | 126 | 10 2 | 35 | 22 9 | 44 | |
| | 7 | 5 10 | 131 | 14 58 | 145 | 9 49 | 100 | 22 22 | 7 | | 7 | 4 9 | 125 | 16 47 | 125 | 10 32 | 27 | 22 35 | 52 | |
| | 8 | 5 40 | 130 | 15 34 | 144 | 10 25 | 98 | 22 54 | 10 | | 8 | 4 27 | 126 | 17 28 | 122 | 11 3 | 21 | 23 0 | 52 | |
| | 9 | 6 9 | 128 | 16 9 | 141 | 11 0 | 96 | 23 24 | 14 | | 9 | 4 46 | 128 | 18 12 | 117 | 11 36 | 18 | 23 24 | 71 | |
| | 10 | 6 37 | 126 | 16 44 | 135 | 11 35 | 93 | 23 53 | 21 | | 10 | 5 6 | 128 | 19 3 | 110 | 12 13 | 18 | 23 47 | 81 | |
| | 11 | 7 4 | 125 | 17 20 | 127 | | | 12 15 | 90 | | 11 | 5 28 | 127 | 20 11 | 103 | | | 12 57 | 20 | |
| | 12 | 7 32 | 124 | 18 0 | 118 | 0 21 | 30 | 13 1 | 87 | | 12 | 5 54 | 124 | 22 5 | 99 | 0 9 | 89 | 13 55 | 25 | |
| | 13 | 8 0 | 123 | 18 51 | 107 | 0 50 | 40 | 13 59 | 83 | | 13 | 6 25 | 119 | | | 0 30 | 97 | 15 15 | 29 | |
| | 14 | 8 30 | 123 | 20 6 | 97 | 1 20 | 52 | 15 13 | 77 | | 14 | 7 16 | 110 | | | | | 16 50 | 29 | |
| | 15 | 9 4 | 123 | 22 11 | 91 | 1 56 | 66 | 16 34 | 66 | | 15 | 1 24 | 108 | 9 49 | 102 | 6 12 | 97 | 18 9 | 27 | |
| | 16 | 9 43 | 125 | | | 2 43 | 80 | 17 44 | 52 | | 16 | 1 45 | 112 | 12 11 | 116 | 7 14 | 83 | 19 9 | 26 | |
| | 17 | 0 56 | 98 | 10 30 | 127 | 4 0 | 94 | 18 41 | 36 | | 17 | 2 8 | 116 | 13 31 | 114 | 8 54 | 66 | 19 58 | 28 | |
| | 18 | 2 23 | 110 | 11 25 | 131 | 5 38 | 104 | 19 31 | 21 | | 18 | 2 29 | 120 | 14 30 | 121 | 8 31 | 48 | 20 40 | 34 | |
| | 19 | 3 13 | 121 | 12 23 | 136 | 7 3 | 109 | 20 18 | 7 | | 19 | 2 51 | 125 | 15 22 | 125 | 9 7 | 32 | 21 17 | 42 | |
| | 20 | 3 55 | 129 | 13 18 | 142 | 8 9 | 110 | 21 4 | -3 | | 20 | 3 14 | 129 | 16 10 | 126 | 9 44 | 20 | 21 51 | 52 | |
| | 21 | 4 33 | 133 | 14 10 | 148 | 9 0 | 108 | 21 47 | -8 | | 21 | 3 37 | 133 | 16 57 | 124 | 10 20 | 11 | 22 23 | 62 | |
| | 22 | 5 8 | 134 | 14 59 | 151 | 9 45 | 103 | 22 29 | -8 | | 22 | 4 2 | 136 | 17 43 | 120 | 10 57 | 7 | 22 53 | 72 | |
| | 23 | 5 41 | 134 | 15 47 | 150 | 10 28 | 96 | 23 9 | -2 | | 23 | 4 28 | 136 | 18 30 | 114 | 11 34 | 8 | 23 23 | 80 | |
| | 24 | 6 11 | 132 | 16 35 | 144 | 11 12 | 88 | 23 45 | 9 | | 24 | 4 56 | 134 | 19 23 | 108 | 12 12 | 13 | 23 53 | 87 | |
| | 25 | 6 38 | 131 | 17 23 | 135 | 11 58 | 80 | | | | 25 | 5 26 | 130 | 20 29 | 103 | | | 12 54 | 20 | |
| | 26 | 7 5 | 131 | 18 14 | 122 | 0 20 | 23 | 12 48 | 73 | | 26 | 5 58 | 122 | 22 7 | 100 | 0 29 | 92 | 13 44 | 29 | |
| | 27 | 7 32 | 132 | 19 14 | 108 | 0 52 | 40 | 13 46 | 68 | | 27 | 6 35 | 113 | 23 53 | 102 | 1 27 | 96 | 14 49 | 37 | |
| | 28 | 8 1 | 132 | 20 37 | 95 | 1 22 | 57 | 14 57 | 63 | | 28 | 7 30 | 103 | | | 3 43 | 97 | 16 10 | 42 | |
| | 29 | 8 36 | 132 | 23 28 | 91 | 1 53 | 73 | 16 23 | 56 | | 29 | 0 43 | 106 | 9 28 | 94 | 5 58 | 89 | 17 29 | 43 | |
| | 30 | 9 20 | 131 | | | 2 30 | 87 | 17 46 | 47 | | 30 | 1 13 | 109 | 11 41 | 94 | 6 58 | 77 | 18 29 | 44 | |
| | 31 | 2 8 | 101 | 10 20 | 130 | 3 56 | 100 | 18 52 | 38 | | | | | | | | | | | |
| 2月 | 1 | 2 55 | 111 | 11 31 | 130 | 5 58 | 106 | 19 43 | 28 | | 5月 | 1 | 1 36 | 112 | 13 1 | 100 | 7 35 | 64 | 19 16 | 44 |
| | 2 | 3 26 | 119 | 12 37 | 133 | 7 25 | 105 | 20 25 | 21 | | 2 | 1 57 | 115 | 13 57 | 107 | 8 7 | 51 | 19 56 | 47 | |
| | 3 | 3 55 | 125 | 13 31 | 136 | 8 22 | 102 | 21 3 | 15 | | 3 | 2 17 | 118 | 14 43 | 113 | 8 37 | 38 | 20 32 | 51 | |
| | 4 | 4 22 | 127 | 14 15 | 139 | 9 5 | 97 | 21 37 | 12 | | 4 | 2 36 | 122 | 15 26 | 119 | 9 7 | 26 | 21 5 | 57 | |
| | 5 | 4 47 | 128 | 14 55 | 141 | 9 40 | 92 | 22 8 | 12 | | 5 | 2 56 | 125 | 16 9 | 122 | 9 38 | 16 | 21 36 | 64 | |
| | 6 | 5 11 | 128 | 15 32 | 141 | 10 13 | 86 | 22 37 | 14 | | 6 | 3 18 | 128 | 16 51 | 122 | 10 10 | 8 | 22 6 | 72 | |
| | 7 | 5 33 | 127 | 16 7 | 139 | 10 45 | 81 | 23 5 | 18 | | 7 | 3 40 | 131 | 17 36 | 121 | 10 44 | 3 | 22 35 | 79 | |
| | 8 | 5 54 | 127 | 16 43 | 134 | 11 17 | 76 | 23 30 | 25 | | 8 | 4 4 | 132 | 18 24 | 117 | 11 21 | 2 | 23 3 | 86 | |
| | 9 | 6 14 | 126 | 17 20 | 128 | 11 51 | 72 | 23 55 | 35 | | 9 | 4 30 | 132 | 19 20 | 112 | 12 1 | 4 | 23 34 | 92 | |
| | 10 | 6 35 | 126 | 18 1 | 120 | | | 12 28 | 68 | | 10 | 5 0 | 129 | 20 28 | 107 | | | 12 47 | 9 | |
| | 11 | 6 55 | 126 | 18 49 | 110 | 0 19 | 46 | 13 11 | 64 | | 11 | 5 34 | 124 | 21 53 | 105 | 0 12 | 96 | 13 43 | 17 | |
| | 12 | 7 17 | 126 | 19 53 | 101 | 0 43 | 58 | 14 4 | 60 | | 12 | 6 18 | 115 | 23 12 | 106 | 1 18 | 99 | 14 52 | 25 | |
| | 13 | 7 43 | 126 | 21 41 | 94 | 1 7 | 72 | 15 15 | 55 | | 13 | 7 37 | 103 | | | 3 43 | 97 | 16 11 | 32 | |
| | 14 | 8 15 | 125 | | | 1 28 | 86 | 16 43 | 47 | | 14 | 0 0 | 109 | 10 9 | 95 | 5 46 | 84 | 17 24 | 38 | |
| | 15 | 9 2 | 125 | | | | | 18 4 | 35 | | 15 | 0 34 | 113 | 12 16 | 98 | 6 46 | 66 | 18 25 | 44 | |
| | 16 | 10 23 | 125 | | | | | 19 9 | 21 | | 16 | 1 2 | 118 | 13 36 | 106 | 7 30 | 48 | 19 16 | 51 | |
| | 17 | 3 17 | 120 | 12 0 | 129 | 7 5 | 111 | 20 4 | 9 | | 17 | 1 30 | 124 | 14 37 | 113 | 8 10 | 31 | 20 1 | 59 | |
| | 18 | 3 43 | 126 | 13 15 | 136 | 8 12 | 105 | 20 51 | 1 | | 18 | 1 57 | 129 | 15 30 | 118 | 8 49 | 17 | 20 42 | 67 | |
| | 19 | 4 10 | 129 | 14 15 | 142 | 8 58 | 96 | 21 34 | -2 | | 19 | 2 24 | 134 | 16 18 | 121 | 9 26 | 7 | 21 21 | 75 | |
| | 20 | 4 36 | 130 | 15 7 | 145 | 9 39 | 84 | 22 14 | 1 | | 20 | 2 53 | 137 | 17 4 | 121 | 10 3 | 1 | 21 57 | 81 | |
| | 21 | 5 0 | 131 | 15 56 | 145 | 10 19 | 73 | 22 49 | 9 | | 21 | 3 23 | 139 | 17 48 | 120 | 10 40 | 0 | 22 32 | 86 | |
| | 22 | 5 23 | 131 | 16 43 | 140 | 10 58 | 62 | 23 22 | 22 | | 22 | 3 55 | 138 | 18 33 | 116 | 11 16 | 3 | 23 8 | 90 | |
| | 23 | 5 45 | 132 | 17 30 | 130 | 11 39 | 53 | 23 51 | 37 | | 23 | 4 27 | 135 | 19 20 | 113 | 11 54 | 8 | 23 46 | 93 | |
| | 24 | 6 8 | 134 | 18 19 | 119 | | | 12 22 | 48 | | 24 | 5 1 | 130 | 20 12 | 109 | | | 12 32 | 16 | |
| | 25 | 6 32 | 135 | 19 14 | 107 | 0 18 | 52 | 13 10 | 46 | | 25 | 5 37 | 122 | 21 10 | 107 | 0 31 | 94 | 13 15 | 24 | |
| | 26 | 6 58 | 134 | 20 29 | 96 | 0 42 | 67 | 14 6 | 47 | | 26 | 6 17 | 112 | 22 13 | 107 | 1 35 | 95 | 14 3 | 33 | |
| | 27 | 7 30 | 131 | | | 1 3 | 80 | 15 19 | 48 | | 27 | 7 12 | 102 | 23 7 | 108 | 3 14 | 93 | 15 1 | 42 | |
| | 28 | 8 10 | 126 | | | | | 16 51 | 47 | | 28 | 8 46 | 92 | 23 47 | 110 | 5 2 | 84 | 16 8 | 49 | |
| | | | | | | | | | | 29 | 10 56 | 89 | | | 6 11 | 72 | 17 14 | 55 | | |
| | | | | | | | | | | 30 | 0 19 | 114 | 12 38 | 94 | 6 56 | 58 | 18 12 | 60 | | |
| | | | | | | | | | | 31 | 0 46 | 117 | 13 46 | 102 | 7 32 | 44 | 19 1 | 66 | | |
| 3月 | 1 | 9 11 | 121 | | | | 18 16 | 41 | | 6月 | 1 | 1 12 | 121 | 14 39 | 110 | 8 6 | 30 | 19 46 | 72 | |
| | 2 | 2 45 | 110 | 10 54 | 118 | 6 5 | 105 | 19 17 | 34 | | 2 | 1 38 | 126 | 15 26 | 117 | 8 40 | 17 | 20 27 | 78 | |
| | 3 | 3 4 | 116 | 12 25 | 120 | 7 31 | 99 | 20 4 | 27 | | 3 | 2 5 | 131 | 16 12 | 122 | 9 16 | 6 | 21 5 | 85 | |
| | 4 | 3 26 | 120 | 13 26 | 125 | 8 19 | 91 | 20 42 | 22 | | 4 | 2 34 | 135 | 16 58 | 124 | 9 53 | -2 | 21 41 | 90 | |
| | 5 | 3 48 | 122 | 14 13 | 129 | 8 55 | 83 | 21 15 | 20 | | 5 | 3 4 | 138 | 17 45 | 123 | 10 32 | -6 | 22 17 | 94 | |
| | 6 | 4 8 | 123 | 14 53 | 133 | 9 26 | 74 | 21 46 | 20 | | 6 | 3 37 | 139 | 18 34 | 120 | 11 12 | -5 | 22 55 | 97 | |
| | 7 | 4 27 | 124 | 15 31 | 134 | 9 56 | 66 | 22 13 | 23 | | 7 | 4 13 | 138 | 19 24 | 117 | 11 55 | -1 | 23 38 | 98 | |
| | 8 | 4 45 | 124 | 16 7 | 133 | 10 25 | 59 | | | | | | | | | | | | | |

釧路

KUSHIRO

2019 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 | 0 42 | 131 | 15 31 | 120 | 8 15 | 14 | 19 55 | 97 | 10月 | 1 | 4 34 | 136 | 16 21 | 138 | 10 29 | 51 | 22 54 | 24 | | |
| | 2 | 1 22 | 136 | 16 16 | 125 | 8 57 | 3 | 20 43 | 101 | | 2 | 5 23 | 130 | 16 44 | 140 | 10 59 | 64 | 23 33 | 21 | | |
| | 3 | 2 2 | 141 | 17 0 | 128 | 9 39 | -5 | 21 28 | 102 | | 3 | 6 14 | 122 | 17 9 | 140 | 11 27 | 77 | | | | |
| | 4 | 2 44 | 144 | 17 43 | 128 | 10 22 | -8 | 22 12 | 100 | | 4 | 7 10 | 114 | 17 37 | 137 | 0 15 | 23 | 11 55 | 87 | | |
| | 5 | 3 28 | 145 | 18 23 | 126 | 11 4 | -6 | 22 56 | 97 | | 5 | 8 25 | 107 | 18 8 | 131 | 1 1 | 29 | 12 24 | 96 | | |
| | 6 | 4 13 | 142 | 19 0 | 124 | 11 46 | 1 | 23 44 | 93 | | 6 | 上弦 | 10 40 | 105 | 18 45 | 123 | 1 57 | 37 | 13 9 | 103 | |
| | 7 | 5 0 | 136 | 19 35 | 123 | 0 | 87 | 12 27 | 11 | | 7 | 12 40 | 110 | 19 43 | 113 | 3 14 | 44 | 15 49 | 107 | | |
| | 8 | 5 53 | 126 | 20 8 | 122 | 0 39 | 87 | 13 7 | 25 | | 8 | 13 17 | 115 | 21 57 | 105 | 4 47 | 47 | 18 16 | 99 | | |
| | 9 | 上弦 | 6 54 | 113 | 20 41 | 123 | 1 43 | 80 | 13 48 | | 41 | 9 | 0 0 | 107 | 13 44 | 119 | 6 4 | 46 | 19 13 | 88 | |
| | 10 | 8 15 | 101 | 21 18 | 125 | 2 59 | 72 | 14 33 | 57 | | 10 | 1 9 | 113 | 14 28 | 124 | 7 43 | 42 | 20 19 | 64 | | |
| | 11 | 10 17 | 93 | 21 59 | 127 | 4 22 | 62 | 15 25 | 72 | | 11 | 1 59 | 120 | 14 47 | 126 | 8 19 | 42 | 20 48 | 53 | | |
| | 12 | 12 39 | 97 | 22 46 | 130 | 5 38 | 49 | 16 31 | 85 | | 12 | 2 41 | 125 | 15 5 | 128 | 8 51 | 45 | 21 16 | 43 | | |
| | 13 | 14 7 | 106 | 23 39 | 133 | 6 40 | 37 | 17 47 | 95 | | 13 | 3 20 | 128 | 15 23 | 129 | 9 21 | 50 | 21 45 | 34 | | |
| | 14 | | | 15 2 | 115 | 7 32 | 26 | 18 59 | 99 | | 14 | 上弦 | 3 58 | 130 | 15 41 | 131 | 9 48 | 57 | 22 14 | 27 | |
| | 15 | 0 31 | 136 | 15 45 | 122 | 8 17 | 17 | 20 1 | 101 | | 15 | 4 36 | 130 | 15 59 | 133 | 10 14 | 65 | 22 43 | 22 | | |
| | 16 | 1 21 | 139 | 16 22 | 126 | 8 57 | 12 | 20 52 | 100 | | 16 | 5 16 | 128 | 16 18 | 133 | 10 39 | 73 | 23 14 | 20 | | |
| | 17 | 2 6 | 141 | 16 55 | 127 | 9 35 | 9 | 21 35 | 97 | | 17 | 5 58 | 123 | 16 38 | 133 | 11 4 | 82 | 23 49 | 21 | | |
| | 18 | 2 47 | 142 | 17 26 | 127 | 10 11 | 8 | 22 13 | 94 | | 18 | 6 47 | 118 | 16 59 | 131 | 11 27 | 90 | | | | |
| | 19 | 3 26 | 142 | 17 55 | 126 | 10 44 | 11 | 22 49 | 91 | | 19 | 7 50 | 112 | 17 22 | 128 | 0 29 | 24 | 11 52 | 98 | | |
| | 20 | 4 4 | 139 | 18 21 | 124 | 11 16 | 16 | 23 26 | 87 | | 20 | 9 27 | 108 | 17 49 | 123 | 1 20 | 28 | 12 21 | 104 | | |
| | 21 | 4 41 | 134 | 18 47 | 123 | 11 45 | 22 | | | | 21 | 下弦 | 11 56 | 110 | 18 25 | 114 | 2 31 | 34 | 14 5 | 109 | |
| | 22 | 5 19 | 127 | 19 12 | 122 | 0 5 | 84 | 12 13 | 31 | | 22 | 12 44 | 115 | 20 51 | 104 | 4 5 | 37 | 18 8 | 102 | | |
| | 23 | 6 0 | 118 | 19 38 | 122 | 0 48 | 80 | 12 41 | 41 | | 23 | 13 11 | 119 | 23 43 | 106 | 5 31 | 37 | 18 56 | 87 | | |
| | 24 | 6 50 | 109 | 20 5 | 122 | 1 39 | 77 | 13 10 | 53 | | 24 | | | 13 34 | 123 | 6 36 | 37 | 19 32 | 69 | | |
| | 25 | 下弦 | 7 56 | 100 | 20 35 | 122 | 2 41 | 72 | 13 41 | | 66 | 25 | 1 9 | 115 | 13 57 | 127 | 7 27 | 39 | 20 7 | 51 | |
| | 26 | 9 37 | 93 | 21 10 | 123 | 3 54 | 64 | 14 20 | 79 | | 26 | 2 11 | 124 | 14 20 | 131 | 8 12 | 45 | 20 43 | 34 | | |
| | 27 | 12 10 | 96 | 21 54 | 124 | 5 7 | 53 | 15 22 | 92 | | 27 | 3 5 | 131 | 14 43 | 136 | 8 51 | 53 | 21 19 | 20 | | |
| | 28 | 13 57 | 106 | 22 50 | 127 | 6 9 | 41 | 16 59 | 102 | | 28 | 3 55 | 133 | 15 7 | 140 | 9 28 | 64 | 21 56 | 10 | | |
| | 29 | 14 52 | 117 | 23 53 | 131 | 7 4 | 27 | 18 32 | 107 | | 29 | 4 43 | 133 | 15 32 | 143 | 10 1 | 74 | 22 33 | 6 | | |
| | 30 | | | 15 33 | 124 | 7 54 | 14 | 19 44 | 108 | | 30 | 5 30 | 129 | 16 0 | 144 | 10 34 | 84 | 23 11 | 7 | | |
| | 31 | 0 54 | 137 | 16 10 | 129 | 8 41 | 4 | 20 38 | 106 | | | | | | | | | | | | |
| 8月 | 1 | 朔 | 1 49 | 142 | 16 45 | 131 | 9 25 | -2 | 21 25 | 100 | 11月 | 1 | | 6 19 | 124 | 16 29 | 142 | 11 6 | 91 | 23 50 | 12 |
| | 2 | 2 41 | 146 | 17 17 | 131 | 10 8 | -4 | 22 8 | 93 | 2 | | 7 12 | 119 | 17 0 | 136 | 11 41 | 97 | | | | |
| | 3 | 3 30 | 147 | 17 46 | 130 | 10 48 | 1 | 22 51 | 84 | 3 | | 8 15 | 114 | 17 34 | 128 | 0 31 | 21 | 12 24 | 101 | | |
| | 4 | 4 19 | 144 | 18 13 | 130 | 11 26 | 10 | 23 36 | 76 | 4 | | 上弦 | 9 39 | 111 | 18 12 | 118 | 1 19 | 31 | 13 35 | 104 | |
| | 5 | 5 9 | 136 | 18 39 | 130 | | | 12 2 | 24 | 5 | | 11 7 | 112 | 19 9 | 106 | 2 18 | 41 | 15 53 | 102 | | |
| | 6 | 6 2 | 125 | 19 5 | 131 | 0 24 | 68 | 12 35 | 40 | 6 | | 12 3 | 115 | 21 17 | 97 | 3 36 | 49 | 17 53 | 91 | | |
| | 7 | 7 1 | 113 | 19 33 | 132 | 1 17 | 62 | 13 6 | 57 | 7 | | 12 38 | 118 | 23 40 | 97 | 4 58 | 54 | 18 47 | 78 | | |
| | 8 | 上弦 | 8 19 | 101 | 20 5 | 132 | 2 20 | 57 | 13 38 | 73 | | 8 | | | 13 5 | 120 | 6 3 | 56 | 19 22 | 85 | |
| | 9 | 10 30 | 95 | 20 45 | 131 | 3 36 | 53 | 14 16 | 88 | 9 | | 1 1 | 104 | 13 28 | 123 | 6 54 | 58 | 19 53 | 51 | | |
| | 10 | 13 20 | 102 | 21 40 | 130 | 4 59 | 47 | 15 29 | 100 | 10 | | 1 55 | 112 | 13 49 | 126 | 7 36 | 61 | 20 22 | 38 | | |
| | 11 | 14 26 | 112 | 22 55 | 129 | 6 13 | 39 | 17 29 | 106 | 11 | | 2 40 | 119 | 14 9 | 130 | 8 13 | 65 | 20 51 | 27 | | |
| | 12 | | | 15 2 | 120 | 7 12 | 31 | 19 3 | 105 | 12 | | 3 21 | 125 | 14 30 | 133 | 8 47 | 71 | 21 21 | 17 | | |
| | 13 | 0 11 | 130 | 15 32 | 125 | 8 0 | 24 | 20 5 | 101 | 13 | | 4 0 | 129 | 14 52 | 135 | 9 18 | 77 | 21 51 | 10 | | |
| | 14 | 1 12 | 133 | 16 0 | 128 | 8 41 | 19 | 20 50 | 95 | 14 | | 4 40 | 130 | 15 14 | 137 | 9 49 | 84 | 22 24 | 6 | | |
| | 15 | 望 | 2 1 | 137 | 16 25 | 129 | 9 18 | 17 | 21 27 | 89 | | 15 | 5 22 | 130 | 15 38 | 138 | 10 18 | 90 | 22 58 | 5 | |
| | 16 | 2 43 | 139 | 16 49 | 129 | 9 51 | 17 | 22 0 | 83 | 16 | | 6 6 | 127 | 16 4 | 137 | 10 47 | 96 | 23 35 | 8 | | |
| | 17 | 3 22 | 139 | 17 10 | 128 | 10 21 | 20 | 22 33 | 77 | 17 | | 6 56 | 122 | 16 32 | 135 | 11 18 | 100 | | | | |
| | 18 | 3 59 | 137 | 17 31 | 128 | 10 49 | 25 | 23 5 | 71 | 18 | | 7 56 | 118 | 17 3 | 129 | 0 16 | 13 | 11 57 | 104 | | |
| | 19 | 4 36 | 133 | 17 50 | 127 | 11 15 | 32 | 23 39 | 67 | 19 | | 9 8 | 115 | 17 42 | 120 | 1 5 | 21 | 13 0 | 106 | | |
| | 20 | 5 15 | 127 | 18 10 | 127 | 11 39 | 42 | | | 20 | | 下弦 | 10 22 | 115 | 18 46 | 108 | 2 6 | 30 | 15 13 | 103 | |
| | 21 | 5 56 | 120 | 18 30 | 127 | 0 14 | 63 | 12 3 | 52 | 21 | | 11 17 | 117 | 21 17 | 98 | 3 22 | 40 | 17 25 | 90 | | |
| | 22 | 6 43 | 112 | 18 51 | 127 | 0 54 | 60 | 12 26 | 64 | 22 | | 11 56 | 120 | 23 51 | 100 | 4 41 | 48 | 18 25 | 72 | | |
| | 23 | 7 45 | 104 | 19 14 | 126 | 1 42 | 57 | 12 49 | 77 | 23 | | | | 12 27 | 125 | 5 49 | 55 | 19 8 | 53 | | |
| | 24 | 8 50 | 98 | 19 43 | 126 | 2 44 | 54 | 13 11 | 89 | 24 | | 1 20 | 109 | 12 56 | 130 | 6 46 | 63 | 19 47 | 35 | | |
| | 25 | 9 20 | | 20 24 | 124 | 4 4 | 48 | | | 25 | | 2 24 | 119 | 13 25 | 136 | 7 36 | 71 | 20 26 | 19 | | |
| | 26 | | | 21 38 | 123 | 5 27 | 39 | | | 26 | | 朔 | 3 17 | 126 | 13 55 | 141 | 8 20 | 80 | 21 4 | 7 | |
| | 27 | 14 49 | 120 | 23 24 | 125 | 6 36 | 28 | 18 45 | 111 | 27 | | 4 6 | 131 | 14 26 | 145 | 9 1 | 87 | 21 41 | 1 | | |
| | 28 | | | 15 15 | 126 | 7 33 | 17 | 19 52 | 105 | 28 | | 4 52 | 132 | 14 58 | 147 | 9 40 | 93 | 22 19 | -1 | | |
| | 29 | 0 48 | 131 | 15 41 | 130 | 8 23 | 9 | 20 37 | 96 | 29 | | 5 36 | 131 | 15 31 | 146 | 10 18 | 97 | 22 56 | 2 | | |
| | 30 | 1 52 | 138 | 16 7 | 131 | 9 7 | 5 | 21 17 | 84 | 30 | | 6 20 | 128 | 16 6 | 143 | 10 56 | 100 | 23 33 | 8 | | |
| | 31 | 2 46 | 143 | 16 31 | 132 | 9 48 | 8 | 21 57 | 71 | | | | | | | | | | | | |
| 9月 | 1 | 3 27 | 144 | 16 55 | 133 | 10 25 | 16 | 22 36 | 59 | 12月 | 1 | 7 4 | 125 | 16 41 | 137 | 11 37 | 101 | | | | |
| | 2 | 4 27 | 141 | 17 17 | 134 | 10 59 | 28 | 23 17 | 50 | | 2 | 7 50 | 121 | 17 18 | 128 | 0 10 | 17 | 12 25 | 101 | | |
| | 3 | 5 16 | 133 | 17 39 | 136 | 11 30 | 43 | 23 59 | 44 | | 3 | 8 39 | 118 | 17 59 | 117 | 0 50 | 27 | 13 30 | 100 | | |
| | 4 | 6 8 | 123 | 18 3 | 137 | 11 59 | 59 | | | | 4 | 上弦 | 9 33 | 117 | 18 52 | 105 | 1 32 | 38 | 15 3 | 97 | |
| | 5 | 7 6 | 112 | 18 30 | 137 | 0 46 | 41 | 12 25 | 73 | | 5 | 10 24 | 117 | 20 25 | 94 | 2 23 | 49 | 16 50 | 87 | | |
| | 6 | 上弦 | 8 23 | 103 | 19 1 | 134 | 1 39 | 42 | 12 50 | | 87 | 6 | 11 9 | 119 | 22 51 | 90 | 3 27 | 59 | 18 1 | 74 | |
| | 7 | 10 56 | 99 | 19 39 | 129 | 2 45 | 44 | 13 13 | 98 | | 7 | 11 46 | 121 | | | 4 39 | 68 | 18 46 | 60 | | |
| | 8 | | | 20 38 | 122 | 4 11 | 46 | | | | 8 | 0 45 | 96 | 12 17 | 125 | 5 45 | 74 | 19 21 | 46 | | |
| | 9 | 14 9 | 115 | 22 22 | 118 | 5 39 | 43 | 17 56 | 107 | | 9 | 1 52 | 106 | 12 46 | 128 | 6 41 | 80 | 19 54 | 32 | | |
| | 10 | | | 14 33 | 121 | 6 46 | 38 | 19 18 | 99 | | 10 | 2 41 | 115 | 13 14 | 132 | 7 29 | 86 | 20 27 | 20 | | |
| | 11 | 0 5 | 119 | 14 57 | 124 | 7 36 | 33 | 20 4 | 90 | | 11 | 望 | 3 24 | 123 | 13 43 | 137 | 8 12 | 91 | 21 1 | 9 | |
| | 12 | 1 11 | 124 | 15 20 | 127 | 8 17 | 29 | 20 40 | 81 | | 12 | 4 5 | 129 | 14 12 | 140 | 8 52 | 96 | 21 36 | 2 | | |
| | 13 | 2 0 | 129 | 15 40 | 128 | 8 53 | 27 | 21 11 | 72 | | 13 | 4 46 | 132 | 14 43 | 143 | 9 29 | 99 | 22 12 | -2 | | |
| | 14 | 2 42 | 132 | 16 0 | 128 | 9 24 | 29 | 21 41 | 64 | | 14 | 5 28 | 132 | 15 16 | 144 | 10 5 | 102 | 22 50 | -3 | | |
| | 15 | 3 21 | 134 | 16 18 | 129 | 9 53 | 32 | 22 10 | 56 | | 15 | 6 12 | 130 | 15 51 | 143 | 10 41 | 103 | 23 29</ | | | |