

# 目 次

|                             |     |
|-----------------------------|-----|
| 凡 例                         | 2   |
| カレンダー                       | 4   |
| 国民の祝日, 日曜表, 二十四節気, 雑節       | 5   |
| 太陽, 月                       | 6   |
| 世界時 0 <sup>h</sup> のグリニジ恒星時 | 30  |
| 章 動                         | 33  |
| 東京の夜明, 日暮, 日出入方位, 日南中高度     | 37  |
| 各地の日出, 南中, 日入               | 38  |
| 太陽と月の出入・南中推算表               | 50  |
| 東京の潮汐, 各地潮時の平均改正数           | 51  |
| 水星                          | 54  |
| 金星                          | 62  |
| 火星                          | 70  |
| 木星                          | 78  |
| 土星                          | 86  |
| 天王星                         | 94  |
| 海王星                         | 102 |
| 冥王星, Eris, Makemake, Haumea | 110 |
| Ceres, Pallas               | 112 |
| Juno, Vesta                 | 113 |
| 惑星現象                        | 114 |
| 日食                          | 115 |
| 月食                          | 117 |
| 太陽の自転軸                      | 120 |
| ユリウス日                       | 123 |
| 最近四百年年代表                    | 124 |
| 暦の改訂について                    | 126 |

# 曆象年表

令和 8 年 西暦 2026 年 ( 平年 )

令和 8 年は、年の干支は<sup>ひのえうま</sup>丙午、1月1日の干支は<sup>きのとのみ</sup>乙亥、1月1日世界時<sup>0<sup>h</sup></sup>のユリウス日(JD)は246 1041.5である。ユリウス日より240 0000.5日を引いたものをMJD(Modified Julian Date)という。

## 凡 例

時刻、日付 この年表で使われている時刻には、中央標準時、世界時(UT1)、地球時(TT)の3種があり、その関係はつぎのとおりである。ただし、 $\Delta UT1 \cdot \Delta T$ は観測により決められる値で、本年表では $\Delta UT1=0$ 、 $\Delta T = 69^s$ としている。

$$\text{中央標準時} = \text{協定世界時} + 9^h$$

$$\text{協定世界時} = \text{世界時} - \Delta UT1$$

$$\text{地球時} = \text{世界時} + \Delta T$$

また、便宜上時刻を示すのに<sup>0<sup>h</sup></sup>から<sup>24<sup>h</sup></sup>まで数える方法を用いているが、<sup>0<sup>h</sup></sup>から<sup>12<sup>h</sup></sup>までが午前、<sup>12<sup>h</sup></sup>から<sup>24<sup>h</sup></sup>までが午後に対応する。

表中、1月0日以前は前年の、12月32日以降は翌年の日付を表す。たとえば1月0日=前年12月31日、1月-1日=前年12月30日、12月32日=翌年1月1日、12月33日=翌年1月2日である。

二十四節気、雑節 太陽の視黄経が各節名に記した値を取る時刻である。彼岸、土用はそれぞれ彼岸の入り、土用の入りを表す。

赤経、赤緯 太陽・月・惑星の視赤経、視赤緯は真春分点に基づいたもので、光行差を含む。他の天体の赤経、赤緯は国際天文基準座標系における天文測定位置である。

東京の日の出入、月の出入、惑星の出入 日の出入の時刻は太陽の上辺が旧東京天文台(日本経緯度原点)における地平線に一致する時刻である。月の出入、惑星の出入はそれぞれの中心が同地平線に一致する時刻である。地平大気差の定数として $35'08''$ を用い、標高の効果は考慮していない。

均時差 視太陽の時角から平均太陽の時角を引いたものである。

太陽の黄経、黄緯 黄経、黄緯はJ2000.0の平均黄道座標系に基づいている。

距離、視差、視半径 距離は天文単位(au、 $1 \text{ au} = 149\,597\,870.7 \text{ km}$ )で表した地球からの真距離である。ただし、月の距離は月と地球との平均距離(384 400 km)を単位として表す。視差は赤道地平視差で、その正弦は地球の赤道半径と地球・天体間の距離の比に等しい。太陽の視半径は距離が1天文単位の際の値を $16'01''.18$ として算出したものであり、他の天体の視半径の正弦はその天体の赤道半径と地球・天体間の距離の比に等しい。これらの諸量は光行差の影響を含んでいない。

正午月齢 直前の朔から当日の中央標準時<sup>12<sup>h</sup></sup>までに経過した時間を日の単位で表す。

朔・弦・望 朔、上弦、望、下弦の時刻は月と太陽との視黄経の差がそれぞれ、 $0^\circ$ 、 $90^\circ$ 、 $180^\circ$ 、 $270^\circ$ になる時刻である。

分点均差 視恒星時から平均恒星時を引いたもので、赤経における章動である。

夜明、日暮 視太陽の中心の伏角が $7^\circ 21' 40''$ になる時刻である。

日出入方位，日南中高度 方位は東または西を基準として南北に測ったもので，北を正としている．高度は大気差を算入した太陽の中心の視高度である．

惑星現象 留，合（内合，外合），衝，最大離角 留の時刻は惑星の地心視赤経の時間変化が 0 となる時刻である．合の時刻は太陽と惑星との地心視黄経が等しくなる時刻で，内惑星（水星，金星）は内合，外合がある．衝の時刻は，太陽と外惑星との地心視黄経の差が  $180^\circ$  となる時刻である．最大離角の時刻は太陽と内惑星との地心直角距離が最大となる時刻である．

日食，月食 要素には視赤経の合または衝の時刻とその時の要素を，状況には地球全体でもっとも早く，またはもっとも遅く日食を見ることが出来る時刻とその地点の経緯度，あるいは月食の始めと終りの時刻とそのとき月が天頂に見える地点の経緯度を示している．ただし，太陽の視半径は距離が 1 天文単位のときの値を  $15'59''.63$  として，月の視半径  $s_M$  は視差  $\pi_M$  から  $\sin s_M = 0.2725076 \sin \pi_M$  により算出したものであり，月の黄経・黄緯には重心と形状中心の差としてそれぞれ  $0''.5$ ， $-0''.25$  の補正を加えてある．日食の食分は欠けた部分の最大の幅と太陽の視直径との比であるが，皆既または金環中では太陽と月の視半径の和から両中心の角距離を引いた値と太陽の視直径との比をいう．月食の食分は本影によっておおわれた部分の最大の幅と月の視直径との比であるが，皆既中では本影と月の視半径の和から両中心の角距離を引いた値と月の視直径との比をいい，1 より大きくなる．位置角は太陽面の中心に対する月の中心の方向，あるいは月面の中心に対する本影の中心の方向を示すもので，いずれも天頂に向う方向から反時計まわりに測った角度である．ただし皆既の始めと終りでは，太陽の中心から太陽と月の接点の方向，あるいは月面の中心から月面と影の接点の方向を示している．日本で見えるものについては，太陽や月が欠けながら出る，あるいは入る場合には，出入り時刻を記してある．この場合の出入り時刻は上辺が地平線に一致する時刻である．

経緯度 この年表で使われている東京（日本経緯度原点）の経緯度はつぎのとおりである．東京以外の地点については各地の日出入の下欄に記載したとおりである（すべて世界測地系）．

日本経緯度原点（東京都港区麻布台 2）

東経  $139^\circ 44' 28''.8869$   
北緯  $35^\circ 39' 29''.1572$

## 略 符

|    |      |  |   |      |  |   |   |
|----|------|--|---|------|--|---|---|
| °  | 度    |  | h | 時    |  | E | 東 |
| '  | 分（角） |  | m | 分（時） |  | W | 西 |
| '' | 秒（角） |  | s | 秒（時） |  | S | 南 |
|    |      |  |   |      |  | N | 北 |

【附記 1】 曆象年表 Web 版：<https://eco.mtk.nao.ac.jp/koyomi/cande/>

【附記 2】 曆象年表 PDF 版：<https://eco.mtk.nao.ac.jp/koyomi/cande/pdf/cande2026.pdf>

【附記 3】 潮汐の数値は海上保安庁海洋情報部による．

カレンダー

令和 8 年 2026

中央標準時

| 1月      |         |         |         |         |         |         | 2月      |         |         |         |         |         |         | 3月      |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 日       | 月       | 火       | 水       | 木       | 金       | 土       | 日       | 月       | 火       | 水       | 木       | 金       | 土       | 日       | 月       | 火       | 水       | 木       | 金       | 土       |
|         |         |         |         |         | 1<br>元日 | 2<br>●  | 1<br>●  | 2<br>●  | 3<br>●  | 4<br>●  | 5       | 6       | 7       | 1<br>●  | 2       | 3<br>●  | 4       | 5<br>●  | 6       | 7       |
| 4       | 5<br>小寒 | 6       | 7       | 8       | 9       | 10      | 8       | 9<br>●  | 10      | 11<br>● | 12      | 13      | 14      | 8       | 9       | 10      | 11<br>● | 12      | 13      | 14      |
| 11<br>● | 12<br>● | 13      | 14      | 15      | 16      | 17<br>● | 15      | 16      | 17<br>● | 18      | 19<br>● | 20      | 21      | 15      | 16      | 17<br>● | 18      | 19<br>● | 20<br>● | 21      |
| 18      | 19      | 20      | 21      | 22      | 23      | 24      | 22      | 23<br>● | 24<br>● | 25      | 26      | 27      | 28      | 22      | 23      | 24      | 25      | 26<br>● | 27      | 28      |
| 25      | 26<br>● | 27      | 28      | 29      | 30      | 31      |         |         |         |         |         |         |         | 29      | 30      | 31      |         |         |         |         |
| 4月      |         |         |         |         |         |         | 5月      |         |         |         |         |         |         | 6月      |         |         |         |         |         |         |
| 日       | 月       | 火       | 水       | 木       | 金       | 土       | 日       | 月       | 火       | 水       | 木       | 金       | 土       | 日       | 月       | 火       | 水       | 木       | 金       | 土       |
|         |         |         | 1       | 2<br>●  | 3       | 4       |         |         |         |         |         | 1<br>●  | 2<br>●  |         | 1       | 2       | 3       | 4       | 5       | 6<br>●  |
| 5<br>●  | 6       | 7       | 8       | 9       | 10<br>● | 11      | 3<br>●  | 4<br>●  | 5<br>●  | 6<br>●  | 7       | 8       | 9       | 7       | 8<br>●  | 9       | 10      | 11<br>● | 12      | 13      |
| 12      | 13      | 14      | 15      | 16      | 17<br>● | 18      | 10<br>● | 11      | 12      | 13      | 14      | 15      | 16      | 14      | 15<br>● | 16      | 17      | 18      | 19      | 20      |
| 19      | 20<br>● | 21      | 22      | 23      | 24<br>● | 25      | 17      | 18      | 19      | 20      | 21<br>● | 22      | 23<br>● | 21<br>● | 22      | 23      | 24      | 25      | 26      | 27      |
| 26      | 27      | 28      | 29<br>● | 30      |         |         | 24      | 25      | 26      | 27      | 28      | 29      | 30      | 28      | 29      | 30<br>● |         |         |         |         |
|         |         |         |         |         |         |         | 31<br>● |         |         |         |         |         |         |         |         |         |         |         |         |         |
| 7月      |         |         |         |         |         |         | 8月      |         |         |         |         |         |         | 9月      |         |         |         |         |         |         |
| 日       | 月       | 火       | 水       | 木       | 金       | 土       | 日       | 月       | 火       | 水       | 木       | 金       | 土       | 日       | 月       | 火       | 水       | 木       | 金       | 土       |
|         |         |         | 1       | 2<br>●  | 3       | 4       |         |         |         |         |         |         | 1       |         |         | 1<br>●  | 2       | 3       | 4<br>●  | 5       |
| 5       | 6       | 7<br>●  | 8       | 9       | 10      | 11      | 2       | 3       | 4       | 5       | 6<br>●  | 7       | 8       | 6       | 7<br>●  | 8       | 9       | 10      | 11<br>● | 12      |
| 12      | 13      | 14<br>● | 15      | 16      | 17      | 18      | 9       | 10      | 11<br>● | 12      | 13<br>● | 14      | 15      | 13      | 14      | 15      | 16      | 17      | 18      | 19<br>● |
| 19      | 20<br>● | 21<br>● | 22      | 23<br>● | 24      | 25      | 16      | 17      | 18      | 19      | 20<br>● | 21      | 22      | 20<br>● | 21<br>● | 22<br>● | 23<br>● | 24      | 25      | 26      |
| 26      | 27      | 28      | 29<br>● | 30      | 31      |         | 23<br>● | 24      | 25      | 26      | 27      | 28<br>● | 29      | 27<br>● | 28      | 29      | 30      |         |         |         |
|         |         |         |         |         |         |         | 30      | 31      |         |         |         |         |         |         |         |         |         |         |         |         |
| 10月     |         |         |         |         |         |         | 11月     |         |         |         |         |         |         | 12月     |         |         |         |         |         |         |
| 日       | 月       | 火       | 水       | 木       | 金       | 土       | 日       | 月       | 火       | 水       | 木       | 金       | 土       | 日       | 月       | 火       | 水       | 木       | 金       | 土       |
|         |         |         |         | 1       | 2       | 3<br>●  | 1<br>●  | 2<br>●  | 3<br>●  | 4       | 5       | 6       | 7<br>●  |         |         | 1<br>●  | 2       | 3       | 4       | 5       |
| 4       | 5       | 6       | 7       | 8<br>●  | 9       | 10      | 8       | 9<br>●  | 10      | 11      | 12      | 13      | 14      | 6       | 7<br>●  | 8       | 9<br>●  | 10      | 11      | 12      |
| 11<br>● | 12<br>● | 13      | 14      | 15      | 16      | 17      | 15      | 16      | 17<br>● | 18      | 19      | 20      | 21      | 13      | 14      | 15      | 16      | 17<br>● | 18      | 19      |
| 18      | 19<br>● | 20      | 21      | 22      | 23<br>● | 24      | 22<br>● | 23<br>● | 24<br>● | 25      | 26      | 27      | 28      | 20      | 21      | 22<br>● | 23<br>● | 24      | 25      | 26      |
| 25      | 26<br>● | 27      | 28      | 29      | 30      | 31      | 29      | 30      |         |         |         |         |         | 27<br>● | 28      | 29      | 30      | 31<br>● |         |         |

国民の祝日 令和 8 年 2026

| 名 称    | 月 日  | 名 称    | 月 日   |
|--------|------|--------|-------|
| 元 日    | 1 1  | こどもの日  | 5 5   |
| 成人の日   | 1 12 | 海の日    | 7 20  |
| 建国記念の日 | 2 11 | 山の日    | 8 11  |
| 天皇誕生日  | 2 23 | 敬老の日   | 9 21  |
| 春分の日   | 3 20 | 秋分の日   | 9 23  |
| 昭和の日   | 4 29 | スポーツの日 | 10 12 |
| 憲法記念日  | 5 3  | 文化の日   | 11 3  |
| みどりの日  | 5 4  | 勤労感謝の日 | 11 23 |

5月6日, 9月22日は休日になる。

日 曜 表 令和 8 年 2026

| 月 | 日             | 月  | 日            |
|---|---------------|----|--------------|
| 1 | 4 11 18 25    | 7  | 5 12 19 26   |
| 2 | 1 8 15 22     | 8  | 2 9 16 23 30 |
| 3 | 1 8 15 22 29  | 9  | 6 13 20 27   |
| 4 | 5 12 19 26    | 10 | 4 11 18 25   |
| 5 | 3 10 17 24 31 | 11 | 1 8 15 22 29 |
| 6 | 7 14 21 28    | 12 | 6 13 20 27   |

二十四節気, 雑節 令和 8 年 2026

| 名 称                           | 太陽<br>黄経 | 中央標準時 |                                 | 名 称                                     | 太陽<br>黄経          | 中央標準時 |                                 |      |
|-------------------------------|----------|-------|---------------------------------|---|-------------------|-------|---------------------------------|------|
|                               |          | 月 日   | 時 刻                             |   |                   | 月 日   | 時 刻                             |      |
| 小 寒<br>大 寒<br>立 春<br>雨 啓<br>啓 | 285°     | 1 5   | 17 <sup>h</sup> 23 <sup>m</sup> | 寒 露<br>霜 降<br>立 冬<br>小 雪<br>大 雪         | 195°              | 10 8  | 15 <sup>h</sup> 29 <sup>m</sup> |      |
|                               | 300      | 1 20  | 10 45                           |   | 210               | 10 23 | 18 38                           |      |
|                               | 315      | 2 4   | 5 2                             |   | 225               | 11 7  | 18 52                           |      |
|                               | 330      | 2 19  | 0 52                            |   | 240               | 11 22 | 16 23                           |      |
|                               | 345      | 3 5   | 22 59                           |   | 255               | 12 7  | 11 53                           |      |
| 春 分<br>清 穀<br>穀 立<br>小 満      | 0        | 3 20  | 23 46                           | 冬 至                                     | 270               | 12 22 | 5 50                            |      |
|                               | 15       | 4 5   | 3 40                            |   | 土 用<br>節 分<br>彼 岸 | 297   | 1 17                            | 12 3 |
|                               | 30       | 4 20  | 10 39                           |   |                   | 2     | 3                               |      |
|                               | 45       | 5 5   | 20 49                           |   |                   | 3     | 17                              |      |
|                               | 60       | 5 21  | 9 37                            |   |                   |       |                                 |      |
| 芒 種<br>夏 至<br>小 暑<br>大 立      | 75       | 6 6   | 0 48                            | 土 用<br>八 十 八 夜<br>入 梅 生<br>半 夏 用<br>土 用 | 27                | 4 17  | 9 1                             |      |
|                               | 90       | 6 21  | 17 25                           |   | 80                | 5 2   |                                 |      |
|                               | 105      | 7 7   | 10 57                           |   | 100               | 6 11  | 6 14                            |      |
|                               | 120      | 7 23  | 4 13                            |   | 117               | 7 2   | 5 4                             |      |
|                               | 135      | 8 7   | 20 43                           |   |                   | 7 20  | 0 48                            |      |
| 処 暑<br>白 露<br>秋 分             | 150      | 8 23  | 11 19                           | 二 百 十 日<br>彼 岸 用<br>土 用                 |                   | 9 1   |                                 |      |
|                               | 165      | 9 7   | 23 41                           |   |                   | 9 20  |                                 |      |
|                               | 180      | 9 23  | 9 5                             |   | 207               | 10 20 | 18 13                           |      |

太 陽 令和 8 年 1 月 2026

| 日  | 通日 | 真春分点にもとづく座標系  |                 |                         | 地球時 0 <sup>h</sup> |            |                                    | 世界時 0 <sup>h</sup>             | 東京, 中央標準時                                       |                                 |  |
|----|----|---|-----------------|-------------------------|--------------------|------------|------------------------------------|--------------------------------|---|---------------------------------|--|
|    |    | 視赤経   | 視赤緯             | 距離                      | 視差                 | 視半径        | 均時差                                | 出                              | 南中  | 入                               |  |
| 1  | 1  | 18 <sup>h</sup> 45 <sup>m</sup> 58.519 <sup>s</sup> | -23° 01' 02.33" | 0.9833267 <sup>au</sup> | 8.94"              | 16' 17.48" | -03 <sup>m</sup> 19.8 <sup>s</sup> | 6 <sup>h</sup> 51 <sup>m</sup> | 11 <sup>h</sup> 44 <sup>m</sup> 25 <sup>s</sup> | 16 <sup>h</sup> 38 <sup>m</sup> |  |
| 2  | 2  | 18 50 23.199  | -22 55 57.85    | 0.9833119               | 8.94               | 16 17.49   | -03 47.9                           | 6 51                           | 11 44 53  | 16 39                           |  |
| 3  | 3  | 18 54 47.532  | -22 50 26.06    | 0.9833038               | 8.94               | 16 17.50   | -04 15.7                           | 6 51                           | 11 45 21  | 16 40                           |  |
| 4  | 4  | 18 59 11.491  | -22 44 27.11    | 0.9833023               | 8.94               | 16 17.50   | -04 43.1                           | 6 51                           | 11 45 48  | 16 41                           |  |
| 5  | 5  | 19 03 35.049  | -22 38 01.15    | 0.9833075               | 8.94               | 16 17.50   | -05 10.1                           | 6 51                           | 11 46 15  | 16 42                           |  |
| 6  | 6  | 19 07 58.182  | -22 31 08.34    | 0.9833192               | 8.94               | 16 17.49   | -05 36.6                           | 6 51                           | 11 46 42  | 16 42                           |  |
| 7  | 7  | 19 12 20.868  | -22 23 48.86    | 0.9833372               | 8.94               | 16 17.47   | -06 02.8                           | 6 51                           | 11 47 8   | 16 43                           |  |
| 8  | 8  | 19 16 43.082  | -22 16 02.89    | 0.9833612               | 8.94               | 16 17.44   | -06 28.4                           | 6 51                           | 11 47 33  | 16 44                           |  |
| 9  | 9  | 19 21 04.803  | -22 07 50.63    | 0.9833911               | 8.94               | 16 17.41   | -06 53.6                           | 6 51                           | 11 47 59  | 16 45                           |  |
| 10 | 10 | 19 25 26.008  | -21 59 12.31    | 0.9834264               | 8.94               | 16 17.38   | -07 18.2                           | 6 51                           | 11 48 23  | 16 46                           |  |
| 11 | 11 | 19 29 46.674  | -21 50 08.16    | 0.9834670               | 8.94               | 16 17.34   | -07 42.4                           | 6 51                           | 11 48 47  | 16 47                           |  |
| 12 | 12 | 19 34 06.779  | -21 40 38.45    | 0.9835125               | 8.94               | 16 17.29   | -08 05.9                           | 6 51                           | 11 49 11  | 16 48                           |  |
| 13 | 13 | 19 38 26.299  | -21 30 43.44    | 0.9835628               | 8.94               | 16 17.24   | -08 28.9                           | 6 51                           | 11 49 34  | 16 49                           |  |
| 14 | 14 | 19 42 45.212  | -21 20 23.41    | 0.9836176               | 8.94               | 16 17.19   | -08 51.2                           | 6 50                           | 11 49 56  | 16 50                           |  |
| 15 | 15 | 19 47 03.495  | -21 09 38.67    | 0.9836767               | 8.94               | 16 17.13   | -09 12.9                           | 6 50                           | 11 50 18  | 16 51                           |  |
| 16 | 16 | 19 51 21.127  | -20 58 29.51    | 0.9837399               | 8.94               | 16 17.07   | -09 34.0                           | 6 50                           | 11 50 39  | 16 52                           |  |
| 17 | 17 | 19 55 38.085  | -20 46 56.27    | 0.9838070               | 8.94               | 16 17.00   | -09 54.4                           | 6 50                           | 11 50 59  | 16 53                           |  |
| 18 | 18 | 19 59 54.349  | -20 34 59.27    | 0.9838779               | 8.94               | 16 16.93   | -10 14.1                           | 6 49                           | 11 51 18  | 16 54                           |  |
| 19 | 19 | 20 04 09.897  | -20 22 38.86    | 0.9839524               | 8.94               | 16 16.86   | -10 33.1                           | 6 49                           | 11 51 37  | 16 55                           |  |
| 20 | 20 | 20 08 24.711  | -20 09 55.37    | 0.9840306               | 8.94               | 16 16.78   | -10 51.3                           | 6 48                           | 11 51 56  | 16 56                           |  |
| 21 | 21 | 20 12 38.773  | -19 56 49.18    | 0.9841124               | 8.94               | 16 16.70   | -11 08.8                           | 6 48                           | 11 52 13  | 16 57                           |  |
| 22 | 22 | 20 16 52.066  | -19 43 20.63    | 0.9841978               | 8.94               | 16 16.61   | -11 25.6                           | 6 48                           | 11 52 30  | 16 58                           |  |
| 23 | 23 | 20 21 04.577  | -19 29 30.11    | 0.9842869               | 8.93               | 16 16.52   | -11 41.5                           | 6 47                           | 11 52 45  | 16 59                           |  |
| 24 | 24 | 20 25 16.293  | -19 15 17.99    | 0.9843800               | 8.93               | 16 16.43   | -11 56.7                           | 6 46                           | 11 53 1   | 17 0                            |  |
| 25 | 25 | 20 29 27.206  | -19 00 44.64    | 0.9844771               | 8.93               | 16 16.34   | -12 11.1                           | 6 46                           | 11 53 15  | 17 1                            |  |
| 26 | 26 | 20 33 37.308  | -18 45 50.47    | 0.9845785               | 8.93               | 16 16.23   | -12 24.6                           | 6 45                           | 11 53 28  | 17 2                            |  |
| 27 | 27 | 20 37 46.593  | -18 30 35.87    | 0.9846846               | 8.93               | 16 16.13   | -12 37.3                           | 6 45                           | 11 53 41  | 17 3                            |  |
| 28 | 28 | 20 41 55.056  | -18 15 01.25    | 0.9847956               | 8.93               | 16 16.02   | -12 49.2                           | 6 44                           | 11 53 53  | 17 4                            |  |
| 29 | 29 | 20 46 02.695  | -17 59 07.00    | 0.9849119               | 8.93               | 16 15.90   | -13 00.3                           | 6 43                           | 11 54 4   | 17 5                            |  |
| 30 | 30 | 20 50 09.506  | -17 42 53.53    | 0.9850336               | 8.93               | 16 15.78   | -13 10.6                           | 6 43                           | 11 54 14  | 17 6                            |  |
| 31 | 31 | 20 54 15.489  | -17 26 21.24    | 0.9851611               | 8.93               | 16 15.66   | -13 20.0                           | 6 42                           | 11 54 23  | 17 7                            |  |

黄 経・黄 緯

J2000.0 の平均黄道座標系 地球時 0<sup>h</sup>

| 日  | 黄経              | 黄緯      | 日  | 黄経              | 黄緯      | 日  | 黄経              | 黄緯     |
|----|-----------------|---------|----|-----------------|---------|----|-----------------|--------|
| 1  | 280° 12' 31.83" | +12.43" | 11 | 290° 23' 49.08" | +10.70" | 21 | 300° 34' 58.75" | +9.87" |
| 2  | 281 13 39.40    | +12.36  | 12 | 291 24 57.10    | +10.52  | 22 | 301 36 02.96    | +9.88  |
| 3  | 282 14 46.91    | +12.25  | 13 | 292 26 05.08    | +10.35  | 23 | 302 37 06.30    | +9.88  |
| 4  | 283 15 54.42    | +12.11  | 14 | 293 27 12.94    | +10.22  | 24 | 303 38 08.70    | +9.87  |
| 5  | 284 17 01.97    | +11.94  | 15 | 294 28 20.62    | +10.10  | 25 | 304 39 10.08    | +9.84  |
| 6  | 285 18 09.59    | +11.75  | 16 | 295 29 28.07    | +10.01  | 26 | 305 40 10.37    | +9.79  |
| 7  | 286 19 17.31    | +11.54  | 17 | 296 30 35.19    | +9.95   | 27 | 306 41 09.52    | +9.71  |
| 8  | 287 20 25.14    | +11.32  | 18 | 297 31 41.90    | +9.90   | 28 | 307 42 07.50    | +9.60  |
| 9  | 288 21 33.06    | +11.11  | 19 | 298 32 48.13    | +9.88   | 29 | 308 43 04.29    | +9.44  |
| 10 | 289 22 41.05    | +10.90  | 20 | 299 33 53.78    | +9.87   | 30 | 309 43 59.90    | +9.25  |
|    |                 |         |    |                 |         | 31 | 310 44 54.34    | +9.03  |

月

令和 8 年

1 月

2026

| 日  | 状況 | 真春分点にもとづく座標系  |                 |           | 地球時 0 <sup>h</sup> |            |                                | 東京, 中央標準時                       |                                |      | 正午<br>月齢 |
|----|----|---|-----------------|-----------|--------------------|------------|--------------------------------|---------------------------------|--------------------------------|------|----------|
|    |    | 視赤経   | 視赤緯             | 距離        | 視差                 | 視半径        | 出                              | 南中                              | 入                              |      |          |
| 1  |    | 04 <sup>h</sup> 15 <sup>m</sup> 37.727 <sup>s</sup> | +26° 24' 05.49" | 0.9391936 | 60' 44.21"         | 16' 32.63" | 14 <sup>h</sup> 4 <sup>m</sup> | 21 <sup>h</sup> 47 <sup>m</sup> | 4 <sup>h</sup> 21 <sup>m</sup> | 12.1 |          |
| 2  | NP | 05 22 38.471  | +28 08 34.77    | 0.9374486 | 60 50.99           | 16 34.48   | 15 5                           | 22 54                           | 5 35                           | 13.1 |          |
| 3  | ●  | 06 30 32.550  | +27 48 42.26    | 0.9401021 | 60 40.69           | 16 31.67   | 16 16                          | — —                             | 6 42                           | 14.1 |          |
| 4  |    | 07 36 09.483  | +25 28 47.40    | 0.9471399 | 60 13.63           | 16 24.30   | 17 31                          | 0 0                             | 7 38                           | 15.1 |          |
| 5  |    | 08 37 14.516  | +21 30 19.34    | 0.9580358 | 59 32.53           | 16 13.11   | 18 45                          | 1 1                             | 8 22                           | 16.1 |          |
| 6  |    | 09 33 05.717  | +16 22 50.70    | 0.9718345 | 58 41.80           | 15 59.29   | 19 55                          | 1 57                            | 8 58                           | 17.1 |          |
| 7  |    | 10 24 14.179  | +10 35 03.55    | 0.9873131 | 57 46.58           | 15 44.25   | 21 1                           | 2 47                            | 9 28                           | 18.1 |          |
| 8  |    | 11 11 47.127  | +04 30 22.43    | 1.0031677 | 56 51.79           | 15 29.33   | 22 4                           | 3 33                            | 9 55                           | 19.1 |          |
| 9  | E  | 11 57 01.707  | −01 33 38.58    | 1.0181787 | 56 01.48           | 15 15.63   | 23 4                           | 4 16                            | 10 19                          | 20.1 |          |
| 10 |    | 12 41 12.672  | −07 23 54.80    | 1.0313287 | 55 18.62           | 15 03.95   | — —                            | 4 57                            | 10 43                          | 21.1 |          |
| 11 | ●  | 13 25 28.010  | −12 50 00.89    | 1.0418705 | 54 45.04           | 14 54.81   | 0 3                            | 5 39                            | 11 7                           | 22.1 |          |
| 12 |    | 14 10 46.925  | −17 42 31.19    | 1.0493504 | 54 21.62           | 14 48.43   | 1 2                            | 6 21                            | 11 34                          | 23.1 |          |
| 13 |    | 14 57 56.663  | −21 51 47.94    | 1.0535997 | 54 08.46           | 14 44.85   | 2 1                            | 7 6                             | 12 4                           | 24.1 |          |
| 14 | A  | 15 47 26.539  | −25 07 29.45    | 1.0547042 | 54 05.06           | 14 43.92   | 3 1                            | 7 52                            | 12 40                          | 25.1 |          |
| 15 |    | 16 39 19.800  | −27 18 52.55    | 1.0529570 | 54 10.45           | 14 45.39   | 4 0                            | 8 42                            | 13 22                          | 26.1 |          |
| 16 | S  | 17 33 07.467  | −28 16 16.90    | 1.0488018 | 54 23.32           | 14 48.89   | 4 56                           | 9 34                            | 14 10                          | 27.1 |          |
| 17 |    | 18 27 51.013  | −27 53 12.98    | 1.0427679 | 54 42.21           | 14 54.04   | 5 48                           | 10 26                           | 15 6                           | 28.1 |          |
| 18 |    | 19 22 17.914  | −26 08 19.39    | 1.0354044 | 55 05.55           | 15 00.39   | 6 34                           | 11 19                           | 16 7                           | 29.1 |          |
| 19 | ●  | 20 15 24.792  | −23 06 05.86    | 1.0272176 | 55 31.90           | 15 07.57   | 7 13                           | 12 9                            | 17 11                          | 0.3  |          |
| 20 |    | 21 06 36.012  | −18 56 01.88    | 1.0186218 | 56 00.02           | 15 15.23   | 7 47                           | 12 58                           | 18 15                          | 1.3  |          |
| 21 |    | 21 55 49.818  | −13 50 50.95    | 1.0099116 | 56 29.00           | 15 23.12   | 8 17                           | 13 44                           | 19 19                          | 2.3  |          |
| 22 |    | 22 43 33.946  | −08 04 50.61    | 1.0012613 | 56 58.28           | 15 31.10   | 8 44                           | 14 29                           | 20 23                          | 3.3  |          |
| 23 | E  | 23 30 37.399  | −01 52 55.86    | 0.9927557 | 57 27.57           | 15 39.08   | 9 10                           | 15 14                           | 21 27                          | 4.3  |          |
| 24 |    | 00 18 03.148  | +04 29 26.24    | 0.9844446 | 57 56.68           | 15 47.00   | 9 35                           | 15 59                           | 22 32                          | 5.3  |          |
| 25 |    | 01 07 02.505  | +10 45 39.54    | 0.9764123 | 58 25.28           | 15 54.79   | 10 3                           | 16 46                           | 23 40                          | 6.3  |          |
| 26 | ●  | 01 58 48.676  | +16 36 57.34    | 0.9688442 | 58 52.67           | 16 02.25   | 10 33                          | 17 37                           | — —                            | 7.3  |          |
| 27 |    | 02 54 24.810  | +21 41 29.72    | 0.9620715 | 59 17.54           | 16 09.03   | 11 10                          | 18 32                           | 0 51                           | 8.3  |          |
| 28 |    | 03 54 21.969  | +25 34 42.88    | 0.9565776 | 59 37.97           | 16 14.59   | 11 54                          | 19 32                           | 2 4                            | 9.3  |          |
| 29 |    | 04 58 09.720  | +27 52 19.13    | 0.9529546 | 59 51.58           | 16 18.30   | 12 48                          | 20 36                           | 3 17                           | 10.3 |          |
| 30 | NP | 06 03 59.781  | +28 16 33.18    | 0.9518092 | 59 55.90           | 16 19.47   | 13 53                          | 21 41                           | 4 25                           | 11.3 |          |
| 31 |    | 07 09 12.239  | +26 43 09.66    | 0.9536357 | 59 49.01           | 16 17.60   | 15 5                           | 22 43                           | 5 24                           | 12.3 |          |

● 朔, ● 上弦, ● 望, ● 下弦, S 最南, E 赤道通過, N 最北, P 最近, A 最遠

| 名称 | 中央標準時   | 名称   | 中央標準時  | 名称 | 中央標準時   | 距離    |
|----|---|------|--|----|---|-------|
| 望  | 3 <sup>h</sup> 19 <sup>m</sup> 3 <sup>s</sup> | 最北   | 2 <sup>h</sup> 17 <sup>m</sup> 11 <sup>s</sup> | 最近 | 2 <sup>h</sup> 6 <sup>m</sup> 44 <sup>s</sup> | 0.937 |
| 下弦 | 11 0 48                                       | 赤道通過 | 9 2 45   | 最遠 | 14 5 47                                       | 1.055 |
| 朔  | 19 4 52                                       | 最南   | 16 14 15                                       | 最近 | 30 6 46                                       | 0.952 |
| 上弦 | 26 13 47                                      | 赤道通過 | 23 16 6  |    |   |       |
|    |   | 最北   | 30 1 54  |    |   |       |

太 陽 令和 8 年 2 月 2026

| 日  | 通日 | 真春分点にもとづく座標系  |                 |                         | 地球時 0 <sup>h</sup> |            |                                    | 世界時 0 <sup>h</sup>             | 東京, 中央標準時                                       |                                |  |
|----|----|---|-----------------|-------------------------|--------------------|------------|------------------------------------|--------------------------------|---|--------------------------------|--|
|    |    | 視赤経   | 視赤緯             | 距離                      | 視差                 | 視半径        | 均時差                                | 出                              | 南中  | 入                              |  |
| 1  | 32 | 20 <sup>h</sup> 58 <sup>m</sup> 20.645 <sup>s</sup> | -17° 09' 30.50" | 0.9852945 <sup>au</sup> | 8.93"              | 16' 15.53" | -13 <sup>m</sup> 28.6 <sup>s</sup> | 6 <sup>h</sup> 41 <sup>m</sup> | 11 <sup>h</sup> 54 <sup>m</sup> 32 <sup>s</sup> | 17 <sup>h</sup> 8 <sup>m</sup> |  |
| 2  | 33 | 21 02 24.977  | -16 52 21.70    | 0.9854338               | 8.92               | 16 15.39   | -13 36.3                           | 6 40                           | 11 54 39  | 17 9                           |  |
| 3  | 34 | 21 06 28.490  | -16 34 55.19    | 0.9855791               | 8.92               | 16 15.24   | -13 43.3                           | 6 40                           | 11 54 46  | 17 10                          |  |
| 4  | 35 | 21 10 31.191  | -16 17 11.36    | 0.9857301               | 8.92               | 16 15.09   | -13 49.5                           | 6 39                           | 11 54 52  | 17 11                          |  |
| 5  | 36 | 21 14 33.088  | -15 59 10.57    | 0.9858867               | 8.92               | 16 14.94   | -13 54.8                           | 6 38                           | 11 54 57  | 17 12                          |  |
| 6  | 37 | 21 18 34.190  | -15 40 53.21    | 0.9860486               | 8.92               | 16 14.78   | -13 59.4                           | 6 37                           | 11 55 2   | 17 13                          |  |
| 7  | 38 | 21 22 34.504  | -15 22 19.65    | 0.9862156               | 8.92               | 16 14.61   | -14 03.1                           | 6 36                           | 11 55 6   | 17 14                          |  |
| 8  | 39 | 21 26 34.038  | -15 03 30.31    | 0.9863873               | 8.92               | 16 14.44   | -14 06.1                           | 6 35                           | 11 55 8   | 17 15                          |  |
| 9  | 40 | 21 30 32.801  | -14 44 25.59    | 0.9865635               | 8.91               | 16 14.27   | -14 08.3                           | 6 34                           | 11 55 11  | 17 16                          |  |
| 10 | 41 | 21 34 30.799  | -14 25 05.89    | 0.9867439               | 8.91               | 16 14.09   | -14 09.7                           | 6 33                           | 11 55 12  | 17 17                          |  |
| 11 | 42 | 21 38 28.041  | -14 05 31.64    | 0.9869282               | 8.91               | 16 13.91   | -14 10.4                           | 6 32                           | 11 55 13  | 17 18                          |  |
| 12 | 43 | 21 42 24.532  | -13 45 43.26    | 0.9871161               | 8.91               | 16 13.73   | -14 10.4                           | 6 31                           | 11 55 12  | 17 19                          |  |
| 13 | 44 | 21 46 20.281  | -13 25 41.18    | 0.9873074               | 8.91               | 16 13.54   | -14 09.5                           | 6 30                           | 11 55 11  | 17 20                          |  |
| 14 | 45 | 21 50 15.295  | -13 05 25.82    | 0.9875016               | 8.91               | 16 13.35   | -14 08.0                           | 6 29                           | 11 55 10  | 17 21                          |  |
| 15 | 46 | 21 54 09.582  | -12 44 57.62    | 0.9876987               | 8.90               | 16 13.15   | -14 05.7                           | 6 28                           | 11 55 7   | 17 22                          |  |
| 16 | 47 | 21 58 03.149  | -12 24 17.00    | 0.9878984               | 8.90               | 16 12.95   | -14 02.7                           | 6 27                           | 11 55 4   | 17 23                          |  |
| 17 | 48 | 22 01 56.004  | -12 03 24.42    | 0.9881004               | 8.90               | 16 12.76   | -13 59.0                           | 6 26                           | 11 55 1   | 17 24                          |  |
| 18 | 49 | 22 05 48.156  | -11 42 20.30    | 0.9883047               | 8.90               | 16 12.55   | -13 54.6                           | 6 25                           | 11 54 56  | 17 25                          |  |
| 19 | 50 | 22 09 39.616  | -11 21 05.08    | 0.9885110               | 8.90               | 16 12.35   | -13 49.5                           | 6 24                           | 11 54 51  | 17 26                          |  |
| 20 | 51 | 22 13 30.393  | -10 59 39.19    | 0.9887195               | 8.89               | 16 12.15   | -13 43.8                           | 6 23                           | 11 54 45  | 17 27                          |  |
| 21 | 52 | 22 17 20.502  | -10 38 03.07    | 0.9889300               | 8.89               | 16 11.94   | -13 37.3                           | 6 21                           | 11 54 39  | 17 28                          |  |
| 22 | 53 | 22 21 09.954  | -10 16 17.14    | 0.9891429               | 8.89               | 16 11.73   | -13 30.2                           | 6 20                           | 11 54 31  | 17 29                          |  |
| 23 | 54 | 22 24 58.764  | -09 54 21.85    | 0.9893581               | 8.89               | 16 11.52   | -13 22.5                           | 6 19                           | 11 54 24  | 17 30                          |  |
| 24 | 55 | 22 28 46.947  | -09 32 17.61    | 0.9895760               | 8.89               | 16 11.30   | -13 14.1                           | 6 18                           | 11 54 15  | 17 31                          |  |
| 25 | 56 | 22 32 34.516  | -09 10 04.86    | 0.9897968               | 8.88               | 16 11.09   | -13 05.1                           | 6 17                           | 11 54 6   | 17 32                          |  |
| 26 | 57 | 22 36 21.489  | -08 47 44.01    | 0.9900208               | 8.88               | 16 10.87   | -12 55.5                           | 6 15                           | 11 53 56  | 17 33                          |  |
| 27 | 58 | 22 40 07.880  | -08 25 15.47    | 0.9902483               | 8.88               | 16 10.65   | -12 45.4                           | 6 14                           | 11 53 46  | 17 34                          |  |
| 28 | 59 | 22 43 53.708  | -08 02 39.65    | 0.9904794               | 8.88               | 16 10.42   | -12 34.6                           | 6 13                           | 11 53 35  | 17 35                          |  |

黄 経・黄 緯

J2000.0 の平均黄道座標系 地球時 0<sup>h</sup>

| 日  | 黄経              | 黄緯     | 日  | 黄経              | 黄緯     | 日  | 黄経              | 黄緯     |
|----|-----------------|--------|----|-----------------|--------|----|-----------------|--------|
| 1  | 311° 45' 47.66" | +8.77" | 11 | 321° 53' 44.97" | +6.06" | 21 | 331° 59' 48.49" | +5.11" |
| 2  | 312 46 39.87    | +8.50  | 12 | 322 54 27.15    | +5.89  | 22 | 333 00 16.29    | +5.01  |
| 3  | 313 47 31.05    | +8.20  | 13 | 323 55 08.21    | +5.74  | 23 | 334 00 42.21    | +4.88  |
| 4  | 314 48 21.20    | +7.89  | 14 | 324 55 48.09    | +5.62  | 24 | 335 01 06.20    | +4.72  |
| 5  | 315 49 10.38    | +7.59  | 15 | 325 56 26.74    | +5.52  | 25 | 336 01 28.22    | +4.52  |
| 6  | 316 49 58.59    | +7.29  | 16 | 326 57 04.10    | +5.45  | 26 | 337 01 48.24    | +4.29  |
| 7  | 317 50 45.84    | +7.00  | 17 | 327 57 40.07    | +5.38  | 27 | 338 02 06.27    | +4.02  |
| 8  | 318 51 32.12    | +6.73  | 18 | 328 58 14.58    | +5.32  | 28 | 339 02 22.31    | +3.73  |
| 9  | 319 52 17.42    | +6.48  | 19 | 329 58 47.55    | +5.26  |    |                 |        |
| 10 | 320 53 01.71    | +6.26  | 20 | 330 59 18.88    | +5.20  |    |                 |        |



| 日  | 状況 | 真春分点にもとづく座標系  |                 |           | 地球時 0 <sup>h</sup> |            |                                 | 東京, 中央標準時                       |                                |                   | 正午<br>月齡 |
|----|----|---|-----------------|-----------|--------------------|------------|---------------------------------|---------------------------------|--------------------------------|-------------------|----------|
|    |    | 視赤経   | 視赤緯             | 距離        | 視差                 | 視半径        | 出                               | 南中                              | 入                              |                   |          |
| 1  |    | 08 <sup>h</sup> 11 <sup>m</sup> 20.640 <sup>s</sup> | +23° 23' 50.00" | 0.9586854 | 59' 30.11"         | 16' 12.45" | 16 <sup>h</sup> 19 <sup>m</sup> | 23 <sup>h</sup> 41 <sup>m</sup> | 6 <sup>h</sup> 13 <sup>m</sup> | 13.3 <sup>日</sup> |          |
| 2  | ●  | 09 09 05.797  | +18 41 53.70    | 0.9668718 | 58 59.88           | 16 04.22   | 17 31                           | — —                             | 6 52                           | 14.3              |          |
| 3  |    | 10 02 22.620  | +13 04 49.92    | 0.9777414 | 58 20.52           | 15 53.50   | 18 40                           | 0 34                            | 7 25                           | 15.3              |          |
| 4  |    | 10 51 55.003  | +06 58 24.45    | 0.9905184 | 57 35.36           | 15 41.20   | 19 46                           | 1 22                            | 7 53                           | 16.3              |          |
| 5  | E  | 11 38 48.331  | +00 44 00.36    | 1.0042072 | 56 48.25           | 15 28.37   | 20 48                           | 2 7                             | 8 19                           | 17.3              |          |
| 6  |    | 12 24 12.369  | −05 21 35.20    | 1.0177227 | 56 02.99           | 15 16.04   | 21 49                           | 2 50                            | 8 43                           | 18.3              |          |
| 7  |    | 13 09 13.338  | −11 05 11.63    | 1.0300177 | 55 22.84           | 15 05.10   | 22 49                           | 3 32                            | 9 8                            | 19.3              |          |
| 8  |    | 13 54 50.368  | −16 15 53.27    | 1.0401870 | 54 50.35           | 14 56.25   | 23 49                           | 4 15                            | 9 34                           | 20.3              |          |
| 9  | ●  | 14 41 52.461  | −20 43 44.10    | 1.0475404 | 54 27.25           | 14 49.96   | — —                             | 4 59                            | 10 3                           | 21.3              |          |
| 10 |    | 15 30 53.767  | −24 18 57.17    | 1.0516448 | 54 14.50           | 14 46.49   | 0 49                            | 5 45                            | 10 36                          | 22.3              |          |
| 11 | A  | 16 22 06.863  | −26 51 44.19    | 1.0523402 | 54 12.35           | 14 45.90   | 1 49                            | 6 34                            | 11 16                          | 23.3              |          |
| 12 | S  | 17 15 16.525  | −28 12 56.70    | 1.0497345 | 54 20.43           | 14 48.10   | 2 47                            | 7 25                            | 12 2                           | 24.3              |          |
| 13 |    | 18 09 39.188  | −28 15 34.38    | 1.0441804 | 54 37.77           | 14 52.83   | 3 40                            | 8 17                            | 12 55                          | 25.3              |          |
| 14 |    | 19 04 12.829  | −26 56 28.69    | 1.0362351 | 55 02.90           | 14 59.67   | 4 29                            | 9 9                             | 13 54                          | 26.3              |          |
| 15 |    | 19 57 55.818  | −24 17 31.42    | 1.0266042 | 55 33.89           | 15 08.11   | 5 10                            | 10 1                            | 14 57                          | 27.3              |          |
| 16 |    | 20 50 05.907  | −20 25 35.24    | 1.0160701 | 56 08.46           | 15 17.53   | 5 47                            | 10 51                           | 16 2                           | 28.3              |          |
| 17 | ●  | 21 40 30.418  | −15 31 37.38    | 1.0054105 | 56 44.18           | 15 27.26   | 6 18                            | 11 39                           | 17 7                           | 29.3              |          |
| 18 |    | 22 29 25.915  | −09 49 26.17    | 0.9953161 | 57 18.70           | 15 36.66   | 6 47                            | 12 25                           | 18 12                          | 0.6               |          |
| 19 | E  | 23 17 31.879  | −03 34 44.31    | 0.9863201 | 57 50.07           | 15 45.20   | 7 13                            | 13 10                           | 19 18                          | 1.6               |          |
| 20 |    | 00 05 43.333  | +02 55 18.94    | 0.9787565 | 58 16.89           | 15 52.51   | 7 39                            | 13 56                           | 20 24                          | 2.6               |          |
| 21 |    | 00 55 04.327  | +09 22 09.92    | 0.9727574 | 58 38.46           | 15 58.38   | 8 6                             | 14 44                           | 21 32                          | 3.6               |          |
| 22 |    | 01 46 41.011  | +15 25 37.62    | 0.9682917 | 58 54.68           | 16 02.80   | 8 36                            | 15 34                           | 22 42                          | 4.6               |          |
| 23 |    | 02 41 30.872  | +20 43 45.56    | 0.9652364 | 59 05.87           | 16 05.85   | 9 10                            | 16 28                           | 23 55                          | 5.6               |          |
| 24 | ●  | 03 40 04.767  | +24 53 28.63    | 0.9634592 | 59 12.42           | 16 07.63   | 9 52                            | 17 26                           | — —                            | 6.6               |          |
| 25 | P  | 04 42 03.579  | +27 32 51.96    | 0.9628909 | 59 14.51           | 16 08.20   | 10 42                           | 18 27                           | 1 7                            | 7.6               |          |
| 26 | N  | 05 46 03.746  | +28 25 38.55    | 0.9635654 | 59 12.02           | 16 07.52   | 11 42                           | 19 30                           | 2 16                           | 8.6               |          |
| 27 |    | 06 49 53.586  | +27 26 14.09    | 0.9656172 | 59 04.48           | 16 05.47   | 12 49                           | 20 32                           | 3 16                           | 9.6               |          |
| 28 |    | 07 51 22.225  | +24 42 04.97    | 0.9692358 | 58 51.24           | 16 01.86   | 14 1                            | 21 30                           | 4 7                            | 10.6              |          |

● 朔, ● 上弦, ● 望, ● 下弦, S 最南, E 赤道通過, N 最北, P 最近, A 最遠

| 名称  | 中央標準時  | 名称   | 中央標準時  | 名称  | 中央標準時  | 距離    |
|-----|--|------|--|-----|--|-------|
| 望   | 2 <sup>日</sup> 7 <sup>h</sup> 9 <sup>m</sup> | 赤道通過 | 5 <sup>日</sup> 11 <sup>h</sup> 49 <sup>m</sup> | 最 遠 | 11 <sup>日</sup> 1 <sup>h</sup> 52 <sup>m</sup> | 1.052 |
| 下 弦 | 9 21 43                                      | 最 南  | 12 21 48                                       | 最 近 | 25 8 14  | 0.963 |
| 朔   | 17 21 1                                      | 赤道通過 | 19 22 14                                       |     |  |       |
| 上 弦 | 24 21 28                                     | 最 北  | 26 8 15  |     |  |       |

太 陽 令和 8 年 3 月 2026

| 日  | 通日 | 真春分点にもとづく座標系  |                 |                         | 地球時 0 <sup>h</sup> |            |                                    | 世界時 0 <sup>h</sup>             | 東京, 中央標準時                                       |                                 |  |
|----|----|---|-----------------|-------------------------|--------------------|------------|------------------------------------|--------------------------------|---|---------------------------------|--|
|    |    | 視赤経   | 視赤緯             | 距離                      | 視差                 | 視半径        | 均時差                                | 出                              | 南中  | 入                               |  |
| 1  | 60 | 22 <sup>h</sup> 47 <sup>m</sup> 38.990 <sup>s</sup> | -07° 39' 56.91" | 0.9907145 <sup>au</sup> | 8.88"              | 16' 10.19" | -12 <sup>m</sup> 23.4 <sup>s</sup> | 6 <sup>h</sup> 11 <sup>m</sup> | 11 <sup>h</sup> 53 <sup>m</sup> 24 <sup>s</sup> | 17 <sup>h</sup> 36 <sup>m</sup> |  |
| 2  | 61 | 22 51 23.748  | -07 17 07.63    | 0.9909535               | 8.87               | 16 09.95   | -12 11.6                           | 6 10                           | 11 53 12  | 17 37                           |  |
| 3  | 62 | 22 55 08.005  | -06 54 12.18    | 0.9911965               | 8.87               | 16 09.72   | -11 59.3                           | 6 9                            | 11 53 0   | 17 38                           |  |
| 4  | 63 | 22 58 51.783  | -06 31 10.90    | 0.9914436               | 8.87               | 16 09.48   | -11 46.5                           | 6 8                            | 11 52 47  | 17 39                           |  |
| 5  | 64 | 23 02 35.106  | -06 08 04.15    | 0.9916945               | 8.87               | 16 09.23   | -11 33.3                           | 6 6                            | 11 52 34  | 17 39                           |  |
| 6  | 65 | 23 06 17.999  | -05 44 52.28    | 0.9919491               | 8.87               | 16 08.98   | -11 19.6                           | 6 5                            | 11 52 20  | 17 40                           |  |
| 7  | 66 | 23 10 00.485  | -05 21 35.64    | 0.9922072               | 8.86               | 16 08.73   | -11 05.6                           | 6 4                            | 11 52 6   | 17 41                           |  |
| 8  | 67 | 23 13 42.587  | -04 58 14.60    | 0.9924686               | 8.86               | 16 08.47   | -10 51.1                           | 6 2                            | 11 51 51  | 17 42                           |  |
| 9  | 68 | 23 17 24.326  | -04 34 49.54    | 0.9927329               | 8.86               | 16 08.22   | -10 36.3                           | 6 1                            | 11 51 37  | 17 43                           |  |
| 10 | 69 | 23 21 05.723  | -04 11 20.81    | 0.9929998               | 8.86               | 16 07.96   | -10 21.1                           | 5 59                           | 11 51 21  | 17 44                           |  |
| 11 | 70 | 23 24 46.799  | -03 47 48.81    | 0.9932691               | 8.85               | 16 07.69   | -10 05.6                           | 5 58                           | 11 51 6   | 17 45                           |  |
| 12 | 71 | 23 28 27.572  | -03 24 13.91    | 0.9935404               | 8.85               | 16 07.43   | -09 49.9                           | 5 57                           | 11 50 50  | 17 46                           |  |
| 13 | 72 | 23 32 08.063  | -03 00 36.49    | 0.9938135               | 8.85               | 16 07.16   | -09 33.8                           | 5 55                           | 11 50 34  | 17 46                           |  |
| 14 | 73 | 23 35 48.291  | -02 36 56.94    | 0.9940880               | 8.85               | 16 06.90   | -09 17.5                           | 5 54                           | 11 50 18  | 17 47                           |  |
| 15 | 74 | 23 39 28.272  | -02 13 15.65    | 0.9943635               | 8.84               | 16 06.63   | -09 00.9                           | 5 52                           | 11 50 1   | 17 48                           |  |
| 16 | 75 | 23 43 08.027  | -01 49 33.00    | 0.9946398               | 8.84               | 16 06.36   | -08 44.1                           | 5 51                           | 11 49 44  | 17 49                           |  |
| 17 | 76 | 23 46 47.572  | -01 25 49.40    | 0.9949166               | 8.84               | 16 06.09   | -08 27.1                           | 5 50                           | 11 49 27  | 17 50                           |  |
| 18 | 77 | 23 50 26.926  | -01 02 05.23    | 0.9951936               | 8.84               | 16 05.82   | -08 09.9                           | 5 48                           | 11 49 10  | 17 51                           |  |
| 19 | 78 | 23 54 06.106  | -00 38 20.89    | 0.9954705               | 8.83               | 16 05.55   | -07 52.5                           | 5 47                           | 11 48 53  | 17 52                           |  |
| 20 | 79 | 23 57 45.131  | -00 14 36.76    | 0.9957472               | 8.83               | 16 05.29   | -07 35.0                           | 5 45                           | 11 48 35  | 17 52                           |  |
| 21 | 80 | 00 01 24.019  | +00 09 06.76    | 0.9960237               | 8.83               | 16 05.02   | -07 17.3                           | 5 44                           | 11 48 17  | 17 53                           |  |
| 22 | 81 | 00 05 02.787  | +00 32 49.29    | 0.9962999               | 8.83               | 16 04.75   | -06 59.6                           | 5 42                           | 11 48 0   | 17 54                           |  |
| 23 | 82 | 00 08 41.455  | +00 56 30.44    | 0.9965759               | 8.82               | 16 04.48   | -06 41.7                           | 5 41                           | 11 47 42  | 17 55                           |  |
| 24 | 83 | 00 12 20.037  | +01 20 09.82    | 0.9968519               | 8.82               | 16 04.22   | -06 23.7                           | 5 40                           | 11 47 24  | 17 56                           |  |
| 25 | 84 | 00 15 58.551  | +01 43 47.05    | 0.9971282               | 8.82               | 16 03.95   | -06 05.6                           | 5 38                           | 11 47 6   | 17 57                           |  |
| 26 | 85 | 00 19 37.013  | +02 07 21.75    | 0.9974050               | 8.82               | 16 03.68   | -05 47.5                           | 5 37                           | 11 46 48  | 17 57                           |  |
| 27 | 86 | 00 23 15.442  | +02 30 53.57    | 0.9976825               | 8.81               | 16 03.41   | -05 29.4                           | 5 35                           | 11 46 29  | 17 58                           |  |
| 28 | 87 | 00 26 53.857  | +02 54 22.14    | 0.9979610               | 8.81               | 16 03.14   | -05 11.3                           | 5 34                           | 11 46 11  | 17 59                           |  |
| 29 | 88 | 00 30 32.278  | +03 17 47.13    | 0.9982408               | 8.81               | 16 02.87   | -04 53.1                           | 5 32                           | 11 45 53  | 18 0                            |  |
| 30 | 89 | 00 34 10.728  | +03 41 08.21    | 0.9985219               | 8.81               | 16 02.60   | -04 35.0                           | 5 31                           | 11 45 35  | 18 1                            |  |
| 31 | 90 | 00 37 49.230  | +04 04 25.05    | 0.9988044               | 8.80               | 16 02.33   | -04 17.0                           | 5 30                           | 11 45 17  | 18 2                            |  |

黄 経・黄 緯

J2000.0 の平均黄道座標系 地球時 0<sup>h</sup>

| 日  | 黄経              | 黄緯     | 日  | 黄経              | 黄緯     | 日  | 黄経            | 黄緯     |
|----|-----------------|--------|----|-----------------|--------|----|---------------|--------|
| 1  | 340° 02' 36.39" | +3.40" | 11 | 350° 03' 18.71" | +0.36" | 21 | 0° 01' 09.73" | -0.76" |
| 2  | 341 02 48.56    | +3.07  | 12 | 351 03 13.70    | +0.18  | 22 | 1 00 46.18    | -0.89  |
| 3  | 342 02 58.86    | +2.72  | 13 | 352 03 07.03    | +0.02  | 23 | 2 00 20.42    | -1.05  |
| 4  | 343 03 07.33    | +2.37  | 14 | 353 02 58.68    | -0.11  | 24 | 2 59 52.38    | -1.25  |
| 5  | 344 03 14.03    | +2.02  | 15 | 354 02 48.63    | -0.22  | 25 | 3 59 22.02    | -1.48  |
| 6  | 345 03 18.99    | +1.69  | 16 | 355 02 36.83    | -0.32  | 26 | 4 58 49.33    | -1.74  |
| 7  | 346 03 22.26    | +1.38  | 17 | 356 02 23.24    | -0.40  | 27 | 5 58 14.29    | -2.03  |
| 8  | 347 03 23.85    | +1.08  | 18 | 357 02 07.81    | -0.48  | 28 | 6 57 36.91    | -2.34  |
| 9  | 348 03 23.78    | +0.81  | 19 | 358 01 50.46    | -0.56  | 29 | 7 56 57.24    | -2.67  |
| 10 | 349 03 22.07    | +0.57  | 20 | 359 01 31.13    | -0.65  | 30 | 8 56 15.29    | -3.01  |
|    |                 |        |    |                 |        | 31 | 9 55 31.14    | -3.35  |

月

令和 8 年

3 月

2026

| 日  | 状況 | 真春分点にもとづく座標系  |                 |           | 地球時 0 <sup>h</sup> |            |                                 | 東京, 中央標準時                       |                                |      | 正午<br>月齡 |
|----|----|---|-----------------|-----------|--------------------|------------|---------------------------------|---------------------------------|--------------------------------|------|----------|
|    |    | 視赤経   | 視赤緯             | 距離        | 視差                 | 視半径        | 出                               | 南中                              | 入                              |      |          |
| 1  |    | 08 <sup>h</sup> 49 <sup>m</sup> 07.581 <sup>s</sup> | +20° 31' 11.54" | 0.9745894 | 58' 31.84"         | 15' 56.58" | 15 <sup>h</sup> 12 <sup>m</sup> | 22 <sup>h</sup> 23 <sup>m</sup> | 4 <sup>h</sup> 49 <sup>m</sup> | 11.6 |          |
| 2  |    | 09 42 51.037  | +15 16 49.75    | 0.9817373 | 58 06.27           | 15 49.62   | 16 21                           | 23 12                           | 5 23                           | 12.6 |          |
| 3  | ●  | 10 33 02.177  | +09 22 42.81    | 0.9905581 | 57 35.22           | 15 41.16   | 17 28                           | 23 58                           | 5 53                           | 13.6 |          |
| 4  | E  | 11 20 35.756  | +03 10 18.80    | 1.0007115 | 57 00.16           | 15 31.61   | 18 31                           | — —                             | 6 19                           | 14.6 |          |
| 5  |    | 12 06 34.705  | −03 02 01.07    | 1.0116440 | 56 23.20           | 15 21.54   | 19 33                           | 0 42                            | 6 44                           | 15.6 |          |
| 6  |    | 12 52 00.916  | −08 58 51.23    | 1.0226367 | 55 46.83           | 15 11.64   | 20 34                           | 1 25                            | 7 8                            | 16.6 |          |
| 7  |    | 13 37 50.611  | −14 27 02.77    | 1.0328796 | 55 13.63           | 15 02.60   | 21 35                           | 2 8                             | 7 34                           | 17.6 |          |
| 8  |    | 14 24 50.934  | −19 14 58.56    | 1.0415588 | 54 46.02           | 14 55.07   | 22 36                           | 2 52                            | 8 2                            | 18.6 |          |
| 9  |    | 15 13 35.645  | −23 11 57.66    | 1.0479396 | 54 26.01           | 14 49.62   | 23 37                           | 3 38                            | 8 34                           | 19.6 |          |
| 10 | A  | 16 04 19.416  | −26 08 03.45    | 1.0514384 | 54 15.14           | 14 46.66   | — —                             | 4 26                            | 9 11                           | 20.6 |          |
| 11 | ●  | 16 56 52.501  | −27 54 26.54    | 1.0516776 | 54 14.40           | 14 46.46   | 0 35                            | 5 16                            | 9 54                           | 21.6 |          |
| 12 | S  | 17 50 39.807  | −28 24 21.78    | 1.0485238 | 54 24.19           | 14 49.13   | 1 31                            | 6 7                             | 10 44                          | 22.6 |          |
| 13 |    | 18 44 48.360  | −27 34 18.63    | 1.0421078 | 54 44.29           | 14 54.60   | 2 21                            | 6 59                            | 11 40                          | 23.6 |          |
| 14 |    | 19 38 22.749  | −25 24 50.44    | 1.0328281 | 55 13.80           | 15 02.64   | 3 5                             | 7 51                            | 12 40                          | 24.6 |          |
| 15 |    | 20 30 42.109  | −22 00 38.54    | 1.0213325 | 55 51.10           | 15 12.80   | 3 43                            | 8 41                            | 13 44                          | 25.6 |          |
| 16 |    | 21 21 30.889  | −17 29 59.17    | 1.0084764 | 56 33.83           | 15 24.44   | 4 16                            | 9 29                            | 14 49                          | 26.6 |          |
| 17 |    | 22 11 00.694  | −12 04 03.10    | 0.9952524 | 57 18.92           | 15 36.72   | 4 46                            | 10 16                           | 15 55                          | 27.6 |          |
| 18 |    | 22 59 45.981  | −05 56 33.96    | 0.9826929 | 58 02.88           | 15 48.69   | 5 13                            | 11 2                            | 17 1                           | 28.6 |          |
| 19 | ●E | 23 48 37.759  | +00 36 09.68    | 0.9717511 | 58 42.10           | 15 59.37   | 5 40                            | 11 49                           | 18 8                           | 0.1  |          |
| 20 |    | 00 38 37.319  | +07 15 00.14    | 0.9631823 | 59 13.44           | 16 07.91   | 6 7                             | 12 37                           | 19 17                          | 1.1  |          |
| 21 |    | 01 30 49.080  | +13 37 53.29    | 0.9574495 | 59 34.72           | 16 13.70   | 6 37                            | 13 27                           | 20 29                          | 2.1  |          |
| 22 | P  | 02 26 09.467  | +19 20 11.18    | 0.9546816 | 59 45.08           | 16 16.53   | 7 10                            | 14 21                           | 21 43                          | 3.1  |          |
| 23 |    | 03 25 08.592  | +23 56 06.75    | 0.9546986 | 59 45.02           | 16 16.51   | 7 50                            | 15 19                           | 22 57                          | 4.1  |          |
| 24 |    | 04 27 26.749  | +27 01 49.40    | 0.9570955 | 59 36.04           | 16 14.06   | 8 38                            | 16 21                           | — —                            | 5.1  |          |
| 25 | N  | 05 31 40.046  | +28 20 14.70    | 0.9613602 | 59 20.17           | 16 09.74   | 9 36                            | 17 24                           | 0 8                            | 6.1  |          |
| 26 | ●  | 06 35 37.014  | +27 45 51.80    | 0.9669883 | 58 59.45           | 16 04.10   | 10 41                           | 18 26                           | 1 11                           | 7.1  |          |
| 27 |    | 07 37 07.539  | +25 26 14.72    | 0.9735685 | 58 35.52           | 15 57.58   | 11 51                           | 19 24                           | 2 5                            | 8.1  |          |
| 28 |    | 08 34 50.494  | +21 38 52.98    | 0.9808210 | 58 09.53           | 15 50.50   | 13 1                            | 20 18                           | 2 49                           | 9.1  |          |
| 29 |    | 09 28 28.008  | +16 45 42.95    | 0.9885890 | 57 42.10           | 15 43.03   | 14 10                           | 21 8                            | 3 24                           | 10.1 |          |
| 30 |    | 10 18 30.087  | +11 08 41.04    | 0.9967946 | 57 13.60           | 15 35.27   | 15 15                           | 21 54                           | 3 55                           | 11.1 |          |
| 31 |    | 11 05 51.676  | +05 07 36.03    | 1.0053746 | 56 44.30           | 15 27.29   | 16 19                           | 22 37                           | 4 22                           | 12.1 |          |

● 朔, ● 上弦, ● 望, ● 下弦, S 最南, E 赤道通過, N 最北, P 最近, A 最遠

| 名称  | 中央標準時  | 名称   | 中央標準時  | 名称  | 中央標準時   | 距離    |
|-----|--|------|--|-----|---|-------|
| 望   | 3 <sup>日</sup> 20 <sup>h</sup> 38 <sup>m</sup> | 赤道通過 | 4 <sup>日</sup> 21 <sup>h</sup> 11 <sup>m</sup> | 最 遠 | 10 <sup>日</sup> 22 <sup>h</sup> 43 <sup>m</sup> | 1.052 |
| 下 弦 | 11 18 39                                       | 最 南  | 12 6 3   | 最 近 | 22 20 40  | 0.954 |
| 朔   | 19 10 23                                       | 赤道通過 | 19 6 48  |     |   |       |
| 上 弦 | 26 4 18  | 最 北  | 25 13 35                                       |     |   |       |

太 陽 令和 8 年 4 月 2026

| 日  | 通日  | 真春分点にもとづく座標系  |                 |                         | 地球時 0 <sup>h</sup> |            |                                    | 世界時 0 <sup>h</sup>             | 東京, 中央標準時                                       |                                |  |
|----|-----|---|-----------------|-------------------------|--------------------|------------|------------------------------------|--------------------------------|---|--------------------------------|--|
|    |     | 視赤経   | 視赤緯             | 距離                      | 視差                 | 視半径        | 均時差                                | 出                              | 南中  | 入                              |  |
| 1  | 91  | 00 <sup>h</sup> 41 <sup>m</sup> 27.809 <sup>s</sup> | +04° 27' 37.34" | 0.9990885 <sup>au</sup> | 8.80"              | 16' 02.06" | -03 <sup>m</sup> 59.0 <sup>s</sup> | 5 <sup>h</sup> 28 <sup>m</sup> | 11 <sup>h</sup> 44 <sup>m</sup> 59 <sup>s</sup> | 18 <sup>h</sup> 2 <sup>m</sup> |  |
| 2  | 92  | 00 45 06.488  | +04 50 44.78    | 0.9993741               | 8.80               | 16 01.78   | -03 41.2                           | 5 27                           | 11 44 41  | 18 3                           |  |
| 3  | 93  | 00 48 45.292  | +05 13 47.05    | 0.9996611               | 8.80               | 16 01.51   | -03 23.4                           | 5 25                           | 11 44 23  | 18 4                           |  |
| 4  | 94  | 00 52 24.243  | +05 36 43.82    | 0.9999494               | 8.79               | 16 01.23   | -03 05.8                           | 5 24                           | 11 44 6   | 18 5                           |  |
| 5  | 95  | 00 56 03.363  | +05 59 34.80    | 1.0002388               | 8.79               | 16 00.95   | -02 48.4                           | 5 23                           | 11 43 48  | 18 6                           |  |
| 6  | 96  | 00 59 42.674  | +06 22 19.64    | 1.0005290               | 8.79               | 16 00.67   | -02 31.1                           | 5 21                           | 11 43 31  | 18 6                           |  |
| 7  | 97  | 01 03 22.196  | +06 44 58.02    | 1.0008199               | 8.79               | 16 00.39   | -02 14.1                           | 5 20                           | 11 43 14  | 18 7                           |  |
| 8  | 98  | 01 07 01.947  | +07 07 29.60    | 1.0011112               | 8.78               | 16 00.11   | -01 57.3                           | 5 18                           | 11 42 57  | 18 8                           |  |
| 9  | 99  | 01 10 41.947  | +07 29 54.05    | 1.0014026               | 8.78               | 15 59.83   | -01 40.7                           | 5 17                           | 11 42 41  | 18 9                           |  |
| 10 | 100 | 01 14 22.213  | +07 52 11.02    | 1.0016937               | 8.78               | 15 59.55   | -01 24.4                           | 5 16                           | 11 42 25  | 18 10                          |  |
| 11 | 101 | 01 18 02.762  | +08 14 20.16    | 1.0019844               | 8.78               | 15 59.28   | -01 08.4                           | 5 14                           | 11 42 9   | 18 11                          |  |
| 12 | 102 | 01 21 43.610  | +08 36 21.12    | 1.0022741               | 8.77               | 15 59.00   | -00 52.7                           | 5 13                           | 11 41 53  | 18 11                          |  |
| 13 | 103 | 01 25 24.774  | +08 58 13.55    | 1.0025627               | 8.77               | 15 58.72   | -00 37.3                           | 5 12                           | 11 41 38  | 18 12                          |  |
| 14 | 104 | 01 29 06.269  | +09 19 57.10    | 1.0028497               | 8.77               | 15 58.45   | -00 22.3                           | 5 10                           | 11 41 23  | 18 13                          |  |
| 15 | 105 | 01 32 48.110  | +09 41 31.39    | 1.0031348               | 8.77               | 15 58.18   | -00 07.6                           | 5 9                            | 11 41 8   | 18 14                          |  |
| 16 | 106 | 01 36 30.311  | +10 02 56.09    | 1.0034177               | 8.76               | 15 57.91   | +00 06.8                           | 5 8                            | 11 40 54  | 18 15                          |  |
| 17 | 107 | 01 40 12.886  | +10 24 10.82    | 1.0036981               | 8.76               | 15 57.64   | +00 20.7                           | 5 6                            | 11 40 40  | 18 16                          |  |
| 18 | 108 | 01 43 55.847  | +10 45 15.23    | 1.0039758               | 8.76               | 15 57.37   | +00 34.3                           | 5 5                            | 11 40 26  | 18 16                          |  |
| 19 | 109 | 01 47 39.206  | +11 06 08.96    | 1.0042507               | 8.76               | 15 57.11   | +00 47.5                           | 5 4                            | 11 40 13  | 18 17                          |  |
| 20 | 110 | 01 51 22.971  | +11 26 51.67    | 1.0045227               | 8.75               | 15 56.85   | +01 00.3                           | 5 3                            | 11 40 0   | 18 18                          |  |
| 21 | 111 | 01 55 07.149  | +11 47 22.98    | 1.0047921               | 8.75               | 15 56.60   | +01 12.7                           | 5 1                            | 11 39 48  | 18 19                          |  |
| 22 | 112 | 01 58 51.748  | +12 07 42.55    | 1.0050590               | 8.75               | 15 56.34   | +01 24.7                           | 5 0                            | 11 39 36  | 18 20                          |  |
| 23 | 113 | 02 02 36.774  | +12 27 50.02    | 1.0053236               | 8.75               | 15 56.09   | +01 36.2                           | 4 59                           | 11 39 25  | 18 21                          |  |
| 24 | 114 | 02 06 22.237  | +12 47 45.04    | 1.0055862               | 8.75               | 15 55.84   | +01 47.3                           | 4 58                           | 11 39 14  | 18 21                          |  |
| 25 | 115 | 02 10 08.146  | +13 07 27.30    | 1.0058471               | 8.74               | 15 55.59   | +01 58.0                           | 4 56                           | 11 39 3   | 18 22                          |  |
| 26 | 116 | 02 13 54.514  | +13 26 56.46    | 1.0061065               | 8.74               | 15 55.35   | +02 08.1                           | 4 55                           | 11 38 53  | 18 23                          |  |
| 27 | 117 | 02 17 41.354  | +13 46 12.23    | 1.0063646               | 8.74               | 15 55.10   | +02 17.9                           | 4 54                           | 11 38 43  | 18 24                          |  |
| 28 | 118 | 02 21 28.678  | +14 05 14.29    | 1.0066215               | 8.74               | 15 54.86   | +02 27.1                           | 4 53                           | 11 38 34  | 18 25                          |  |
| 29 | 119 | 02 25 16.500  | +14 24 02.37    | 1.0068775               | 8.73               | 15 54.61   | +02 35.8                           | 4 52                           | 11 38 25  | 18 26                          |  |
| 30 | 120 | 02 29 04.833  | +14 42 36.15    | 1.0071325               | 8.73               | 15 54.37   | +02 44.0                           | 4 51                           | 11 38 17  | 18 26                          |  |

黄 経・黄 緯

J2000.0 の平均黄道座標系 地球時 0<sup>h</sup>

| 日  | 黄経             | 黄緯     | 日  | 黄経             | 黄緯     | 日  | 黄経             | 黄緯     |
|----|----------------|--------|----|----------------|--------|----|----------------|--------|
| 1  | 10° 54' 44.82" | -3.68" | 11 | 20° 45' 14.55" | -5.84" | 21 | 30° 32' 43.49" | -6.76" |
| 2  | 11 53 56.41    | -4.01  | 12 | 21 44 07.62    | -5.91  | 22 | 31 31 17.45    | -6.97  |
| 3  | 12 53 05.96    | -4.32  | 13 | 22 42 58.97    | -5.98  | 23 | 32 29 49.22    | -7.21  |
| 4  | 13 52 13.52    | -4.60  | 14 | 23 41 48.57    | -6.03  | 24 | 33 28 18.80    | -7.47  |
| 5  | 14 51 19.15    | -4.86  | 15 | 24 40 36.40    | -6.08  | 25 | 34 26 46.20    | -7.74  |
| 6  | 15 50 22.89    | -5.10  | 16 | 25 39 22.43    | -6.14  | 26 | 35 25 11.44    | -8.03  |
| 7  | 16 49 24.79    | -5.30  | 17 | 26 38 06.61    | -6.21  | 27 | 36 23 34.57    | -8.32  |
| 8  | 17 48 24.88    | -5.47  | 18 | 27 36 48.87    | -6.31  | 28 | 37 21 55.64    | -8.60  |
| 9  | 18 47 23.19    | -5.62  | 19 | 28 35 29.15    | -6.42  | 29 | 38 20 14.70    | -8.87  |
| 10 | 19 46 19.74    | -5.74  | 20 | 29 34 07.38    | -6.57  | 30 | 39 18 31.82    | -9.13  |

月 令和 8 年 4 月 2026

| 日  | 状況 | 真春分点にもとづく座標系  |                 |           | 地球時 0 <sup>h</sup> |            |                                 | 東京, 中央標準時                       |                                |      | 正午<br>月齢 |
|----|----|---|-----------------|-----------|--------------------|------------|---------------------------------|---------------------------------|--------------------------------|------|----------|
|    |    | 視赤経   | 視赤緯             | 距離        | 視差                 | 視半径        | 出                               | 南中                              | 入                              |      |          |
| 1  | E  | 11 <sup>h</sup> 51 <sup>m</sup> 35.788 <sup>s</sup> | -01° 00' 13.56" | 1.0142161 | 56' 14.62"         | 15' 19.21" | 17 <sup>h</sup> 20 <sup>m</sup> | 23 <sup>h</sup> 20 <sup>m</sup> | 4 <sup>h</sup> 46 <sup>m</sup> | 13.1 |          |
| 2  | ●  | 12 36 44.373  | -06 59 34.45    | 1.0231073 | 55 45.29           | 15 11.22   | 18 21                           | - -                             | 5 11                           | 14.1 |          |
| 3  |    | 13 22 13.742  | -12 36 42.80    | 1.0317140 | 55 17.38           | 15 03.62   | 19 22                           | 0 2                             | 5 36                           | 15.1 |          |
| 4  |    | 14 08 51.230  | -17 38 54.61    | 1.0395850 | 54 52.26           | 14 56.77   | 20 23                           | 0 46                            | 6 3                            | 16.1 |          |
| 5  |    | 14 57 10.963  | -21 54 11.12    | 1.0461849 | 54 31.49           | 14 51.12   | 21 24                           | 1 31                            | 6 33                           | 17.1 |          |
| 6  |    | 15 47 28.262  | -25 11 26.57    | 1.0509455 | 54 16.67           | 14 47.08   | 22 24                           | 2 18                            | 7 8                            | 18.1 |          |
| 7  | A  | 16 39 34.335  | -27 21 04.07    | 1.0533272 | 54 09.30           | 14 45.07   | 23 21                           | 3 8                             | 7 48                           | 19.1 |          |
| 8  | S  | 17 32 55.196  | -28 15 55.33    | 1.0528837 | 54 10.67           | 14 45.45   | - -                             | 3 59                            | 8 35                           | 20.1 |          |
| 9  |    | 18 26 38.755  | -27 52 22.72    | 1.0493227 | 54 21.70           | 14 48.45   | 0 13                            | 4 50                            | 9 29                           | 21.1 |          |
| 10 | ●  | 19 19 49.861  | -26 10 50.98    | 1.0425587 | 54 42.87           | 14 54.22   | 0 59                            | 5 41                            | 10 27                          | 22.1 |          |
| 11 |    | 20 11 47.124  | -23 15 30.20    | 1.0327549 | 55 14.03           | 15 02.70   | 1 39                            | 6 31                            | 11 28                          | 23.1 |          |
| 12 |    | 21 02 13.891  | -19 13 23.78    | 1.0203491 | 55 54.33           | 15 13.68   | 2 13                            | 7 19                            | 12 32                          | 24.1 |          |
| 13 |    | 21 51 20.515  | -14 13 38.19    | 1.0060582 | 56 41.98           | 15 26.66   | 2 44                            | 8 6                             | 13 36                          | 25.1 |          |
| 14 |    | 22 39 40.555  | -08 27 05.92    | 0.9908521 | 57 34.20           | 15 40.88   | 3 12                            | 8 52                            | 14 40                          | 26.1 |          |
| 15 | E  | 23 28 05.088  | -02 06 51.16    | 0.9758877 | 58 27.17           | 15 55.31   | 3 39                            | 9 38                            | 15 47                          | 27.1 |          |
| 16 |    | 00 17 37.293  | +04 30 52.84    | 0.9623968 | 59 16.34           | 16 08.70   | 4 6                             | 10 25                           | 16 55                          | 28.1 |          |
| 17 | ●  | 01 09 26.514  | +11 05 40.48    | 0.9515343 | 59 56.94           | 16 19.76   | 4 34                            | 11 15                           | 18 6                           | 29.1 |          |
| 18 |    | 02 04 38.315  | +17 12 23.49    | 0.9442086 | 60 24.85           | 16 27.36   | 5 6                             | 12 8                            | 19 21                          | 0.6  |          |
| 19 | P  | 03 03 55.781  | +22 22 08.39    | 0.9409366 | 60 37.46           | 16 30.79   | 5 45                            | 13 6                            | 20 38                          | 1.6  |          |
| 20 |    | 04 07 11.286  | +26 05 45.58    | 0.9417688 | 60 34.24           | 16 29.92   | 6 31                            | 14 9                            | 21 54                          | 2.6  |          |
| 21 | N  | 05 13 02.497  | +28 00 10.98    | 0.9463128 | 60 16.79           | 16 25.16   | 7 27                            | 15 14                           | 23 2                           | 3.6  |          |
| 22 |    | 06 19 02.084  | +27 55 31.45    | 0.9538461 | 59 48.22           | 16 17.38   | 8 32                            | 16 18                           | - -                            | 4.6  |          |
| 23 |    | 07 22 33.160  | +25 58 10.96    | 0.9634803 | 59 12.34           | 16 07.61   | 9 42                            | 17 19                           | 0 1                            | 5.6  |          |
| 24 | ●  | 08 21 52.317  | +22 27 11.99    | 0.9743243 | 58 32.80           | 15 56.84   | 10 53                           | 18 15                           | 0 48                           | 6.6  |          |
| 25 |    | 09 16 32.426  | +17 46 52.23    | 0.9856080 | 57 52.58           | 15 45.89   | 12 3                            | 19 6                            | 1 26                           | 7.6  |          |
| 26 |    | 10 07 04.806  | +12 20 42.18    | 0.9967481 | 57 13.76           | 15 35.31   | 13 9                            | 19 52                           | 1 58                           | 8.6  |          |
| 27 |    | 10 54 30.315  | +06 28 47.83    | 1.0073585 | 56 37.59           | 15 25.46   | 14 12                           | 20 36                           | 2 26                           | 9.6  |          |
| 28 | E  | 11 39 58.517  | +00 27 45.66    | 1.0172190 | 56 04.65           | 15 16.49   | 15 13                           | 21 18                           | 2 51                           | 10.6 |          |
| 29 |    | 12 24 37.141  | -05 28 18.08    | 1.0262190 | 55 35.14           | 15 08.45   | 16 13                           | 22 0                            | 3 15                           | 11.6 |          |
| 30 |    | 13 09 27.508  | -11 06 39.88    | 1.0342930 | 55 09.11           | 15 01.36   | 17 13                           | 22 43                           | 3 39                           | 12.6 |          |

● 朔, ● 上弦, ● 望, ● 下弦, S 最南, E 赤道通過, N 最北, P 最近, A 最遠

| 名称  | 中央標準時  | 名称   | 中央標準時  | 名称  | 中央標準時  | 距離    |
|-----|--|------|--|-----|--|-------|
| 望   | 2 <sup>日</sup> 11 <sup>h</sup> 12 <sup>m</sup> | 赤道通過 | 1 <sup>日</sup> 5 <sup>h</sup> 2 <sup>m</sup> | 最 遠 | 7 <sup>日</sup> 17 <sup>h</sup> 31 <sup>m</sup> | 1.054 |
| 下 弦 | 10 13 52                                       | 最 南  | 8 13 50                                      | 最 近 | 19 15 56                                       | 0.941 |
| 朔   | 17 20 52                                       | 赤道通過 | 15 16 42                                     |     |  |       |
| 上 弦 | 24 11 32                                       | 最 北  | 21 19 59                                     |     |  |       |
|     |  | 赤道通過 | 28 10 50                                     |     |  |       |

太 陽 令和 8 年 5 月 2026

| 日  | 通日  | 真春分点にもとづく座標系                           |   |               | 地球時 0 <sup>h</sup> |                            |                           | 世界時 0 <sup>h</sup>        | 東京, 中央標準時                              |                           |  |
|----|-----|--|---|---------------|--------------------|----------------------------|---------------------------|---------------------------|--|---------------------------|--|
|    |     | 視赤経                                    | 視赤緯                                     | 距離            | 視差                 | 視半径                        | 均時差                       | 出                         | 南中                                     | 入                         |  |
| 日  | 日   | <sup>h</sup> <sup>m</sup> <sup>s</sup> | <sup>°</sup> <sup>'</sup> <sup>''</sup> | <sup>au</sup> | <sup>''</sup>      | <sup>'</sup> <sup>''</sup> | <sup>m</sup> <sup>s</sup> | <sup>h</sup> <sup>m</sup> | <sup>h</sup> <sup>m</sup> <sup>s</sup> | <sup>h</sup> <sup>m</sup> |  |
| 1  | 121 | 02 32 53.689                           | +15 00 55.37                            | 1.0073865     | 8.73               | 15 54.13                   | +02 51.7                  | 4 50                      | 11 38 10                               | 18 27                     |  |
| 2  | 122 | 02 36 43.080                           | +15 18 59.72                            | 1.0076396     | 8.73               | 15 53.89                   | +02 58.9                  | 4 48                      | 11 38 2                                | 18 28                     |  |
| 3  | 123 | 02 40 33.016                           | +15 36 48.92                            | 1.0078917     | 8.73               | 15 53.65                   | +03 05.5                  | 4 47                      | 11 37 56                               | 18 29                     |  |
| 4  | 124 | 02 44 23.507                           | +15 54 22.66                            | 1.0081426     | 8.72               | 15 53.42                   | +03 11.6                  | 4 46                      | 11 37 50                               | 18 30                     |  |
| 5  | 125 | 02 48 14.559                           | +16 11 40.65                            | 1.0083921     | 8.72               | 15 53.18                   | +03 17.1                  | 4 45                      | 11 37 44                               | 18 31                     |  |
| 6  | 126 | 02 52 06.179                           | +16 28 42.60                            | 1.0086402     | 8.72               | 15 52.95                   | +03 22.0                  | 4 44                      | 11 37 40                               | 18 31                     |  |
| 7  | 127 | 02 55 58.375                           | +16 45 28.18                            | 1.0088865     | 8.72               | 15 52.71                   | +03 26.4                  | 4 43                      | 11 37 35                               | 18 32                     |  |
| 8  | 128 | 02 59 51.149                           | +17 01 57.11                            | 1.0091308     | 8.71               | 15 52.48                   | +03 30.2                  | 4 42                      | 11 37 32                               | 18 33                     |  |
| 9  | 129 | 03 03 44.506                           | +17 18 09.06                            | 1.0093729     | 8.71               | 15 52.25                   | +03 33.4                  | 4 41                      | 11 37 28                               | 18 34                     |  |
| 10 | 130 | 03 07 38.450                           | +17 34 03.74                            | 1.0096124     | 8.71               | 15 52.03                   | +03 36.0                  | 4 41                      | 11 37 26                               | 18 35                     |  |
| 11 | 131 | 03 11 32.982                           | +17 49 40.83                            | 1.0098491     | 8.71               | 15 51.81                   | +03 38.0                  | 4 40                      | 11 37 24                               | 18 36                     |  |
| 12 | 132 | 03 15 28.104                           | +18 05 00.03                            | 1.0100826     | 8.71               | 15 51.59                   | +03 39.4                  | 4 39                      | 11 37 23                               | 18 36                     |  |
| 13 | 133 | 03 19 23.817                           | +18 20 01.02                            | 1.0103125     | 8.70               | 15 51.37                   | +03 40.3                  | 4 38                      | 11 37 22                               | 18 37                     |  |
| 14 | 134 | 03 23 20.118                           | +18 34 43.51                            | 1.0105385     | 8.70               | 15 51.16                   | +03 40.5                  | 4 37                      | 11 37 22                               | 18 38                     |  |
| 15 | 135 | 03 27 17.008                           | +18 49 07.19                            | 1.0107602     | 8.70               | 15 50.95                   | +03 40.2                  | 4 36                      | 11 37 22                               | 18 39                     |  |
| 16 | 136 | 03 31 14.480                           | +19 03 11.79                            | 1.0109773     | 8.70               | 15 50.74                   | +03 39.3                  | 4 36                      | 11 37 23                               | 18 40                     |  |
| 17 | 137 | 03 35 12.527                           | +19 16 57.01                            | 1.0111897     | 8.70               | 15 50.54                   | +03 37.8                  | 4 35                      | 11 37 25                               | 18 40                     |  |
| 18 | 138 | 03 39 11.138                           | +19 30 22.57                            | 1.0113971     | 8.70               | 15 50.35                   | +03 35.7                  | 4 34                      | 11 37 27                               | 18 41                     |  |
| 19 | 139 | 03 43 10.301                           | +19 43 28.19                            | 1.0115997     | 8.69               | 15 50.16                   | +03 33.1                  | 4 33                      | 11 37 29                               | 18 42                     |  |
| 20 | 140 | 03 47 10.001                           | +19 56 13.59                            | 1.0117975     | 8.69               | 15 49.97                   | +03 30.0                  | 4 33                      | 11 37 32                               | 18 43                     |  |
| 21 | 141 | 03 51 10.224                           | +20 08 38.50                            | 1.0119908     | 8.69               | 15 49.79                   | +03 26.3                  | 4 32                      | 11 37 36                               | 18 44                     |  |
| 22 | 142 | 03 55 10.958                           | +20 20 42.65                            | 1.0121797     | 8.69               | 15 49.61                   | +03 22.2                  | 4 31                      | 11 37 40                               | 18 44                     |  |
| 23 | 143 | 03 59 12.194                           | +20 32 25.78                            | 1.0123647     | 8.69               | 15 49.44                   | +03 17.5                  | 4 31                      | 11 37 45                               | 18 45                     |  |
| 24 | 144 | 04 03 13.922                           | +20 43 47.68                            | 1.0125459     | 8.69               | 15 49.27                   | +03 12.3                  | 4 30                      | 11 37 50                               | 18 46                     |  |
| 25 | 145 | 04 07 16.135                           | +20 54 48.10                            | 1.0127236     | 8.68               | 15 49.10                   | +03 06.6                  | 4 30                      | 11 37 56                               | 18 47                     |  |
| 26 | 146 | 04 11 18.825                           | +21 05 26.85                            | 1.0128980     | 8.68               | 15 48.94                   | +03 00.5                  | 4 29                      | 11 38 2                                | 18 47                     |  |
| 27 | 147 | 04 15 21.984                           | +21 15 43.71                            | 1.0130694     | 8.68               | 15 48.78                   | +02 53.9                  | 4 29                      | 11 38 9                                | 18 48                     |  |
| 28 | 148 | 04 19 25.603                           | +21 25 38.51                            | 1.0132378     | 8.68               | 15 48.62                   | +02 46.8                  | 4 28                      | 11 38 16                               | 18 49                     |  |
| 29 | 149 | 04 23 29.673                           | +21 35 11.04                            | 1.0134034     | 8.68               | 15 48.47                   | +02 39.3                  | 4 28                      | 11 38 24                               | 18 49                     |  |
| 30 | 150 | 04 27 34.182                           | +21 44 21.14                            | 1.0135663     | 8.68               | 15 48.31                   | +02 31.4                  | 4 27                      | 11 38 32                               | 18 50                     |  |
| 31 | 151 | 04 31 39.121                           | +21 53 08.61                            | 1.0137264     | 8.68               | 15 48.17                   | +02 23.0                  | 4 27                      | 11 38 40                               | 18 51                     |  |

黄 経・黄 緯

J2000.0 の平均黄道座標系 地球時 0<sup>h</sup>

| 日  | 黄経                                      | 黄緯            | 日  | 黄経                                      | 黄緯            | 日  | 黄経                                      | 黄緯            |
|----|---|---------------|----|---|---------------|----|---|---------------|
| 日  | <sup>°</sup> <sup>'</sup> <sup>''</sup> | <sup>''</sup> | 日  | <sup>°</sup> <sup>'</sup> <sup>''</sup> | <sup>''</sup> | 日  | <sup>°</sup> <sup>'</sup> <sup>''</sup> | <sup>''</sup> |
| 1  | 40 16 47.07                             | -9.36         | 11 | 49 57 50.76                             | -10.23        | 21 | 59 36 35.76                             | -10.93        |
| 2  | 41 15 00.52                             | -9.57         | 12 | 50 55 49.38                             | -10.22        | 22 | 60 34 19.99                             | -11.13        |
| 3  | 42 13 12.24                             | -9.75         | 13 | 51 53 46.72                             | -10.22        | 23 | 61 32 02.61                             | -11.33        |
| 4  | 43 11 22.28                             | -9.90         | 14 | 52 51 42.76                             | -10.22        | 24 | 62 29 43.63                             | -11.54        |
| 5  | 44 09 30.73                             | -10.02        | 15 | 53 49 37.50                             | -10.24        | 25 | 63 27 23.09                             | -11.74        |
| 6  | 45 07 37.63                             | -10.11        | 16 | 54 47 30.89                             | -10.28        | 26 | 64 25 01.04                             | -11.93        |
| 7  | 46 05 43.04                             | -10.17        | 17 | 55 45 22.89                             | -10.35        | 27 | 65 22 37.53                             | -12.11        |
| 8  | 47 03 47.02                             | -10.21        | 18 | 56 43 13.43                             | -10.46        | 28 | 66 20 12.63                             | -12.26        |
| 9  | 48 01 49.60                             | -10.23        | 19 | 57 41 02.45                             | -10.59        | 29 | 67 17 46.40                             | -12.38        |
| 10 | 48 59 50.84                             | -10.24        | 20 | 58 38 49.91                             | -10.75        | 30 | 68 15 18.92                             | -12.48        |
|    |   |               |    |   |               | 31 | 69 12 50.26                             | -12.54        |

月

令和 8 年

5 月

2026

| 日  | 状況           | 真春分点にもとづく座標系  |                 |              | 地球時 0 <sup>h</sup> |            |                                 | 東京, 中央標準時                       |                               |       | 正午<br>月齢 |
|----|--------------|---|-----------------|--------------|--------------------|------------|---------------------------------|---------------------------------|-------------------------------|-------|----------|
|    |              | 視赤経   | 視赤緯             | 距離           | 視差                 | 視半径        | 出                               | 南中                              | 入                             |       |          |
| 1  | ●            | 13 <sup>h</sup> 55 <sup>m</sup> 21.671 <sup>s</sup> | -16° 15' 07.83" | 1.0413622    | 54' 46.64"         | 14' 55.24" | 18 <sup>h</sup> 13 <sup>m</sup> | 23 <sup>h</sup> 27 <sup>m</sup> | 4 <sup>h</sup> 5 <sup>m</sup> | 13.6  |          |
| 2  |              | 14 42 58.583  | -20 41 37.38    | 1.0472914    | 54 28.03           | 14 50.17   | 19 14                           | - -                             | 4 34                          | 14.6  |          |
| 3  |              | 15 32 38.365  | -24 14 20.67    | 1.0518683    | 54 13.81           | 14 46.30   | 20 14                           | 0 13                            | 5 7                           | 15.6  |          |
| 4  |              | 16 24 16.077  | -26 42 34.06    | 1.0548061    | 54 04.75           | 14 43.83   | 21 12                           | 1 2                             | 5 46                          | 16.6  |          |
| 5  |              | SA  | 17 17 19.054    | -27 57 57.19 | 1.0557683          | 54 01.79   | 14 43.03                        | 22 6                            | 1 52                          | 6 31  | 17.6     |
| 6  |              | 18 10 52.769  | -27 55 57.12    | 1.0544107    | 54 05.96           | 14 44.16   | 22 54                           | 2 44                            | 7 22                          | 18.6  |          |
| 7  | 19 03 56.216 | -26 36 34.97  | 1.0504362       | 54 18.25     | 14 47.51           | 23 36      | 3 35                            | 8 18                            | 19.6                          |       |          |
| 8  | 19 55 40.727 | -24 04 06.58  | 1.0436549       | 54 39.42     | 14 53.28           | - -        | 4 24                            | 9 18                            | 20.6                          |       |          |
| 9  | 20 45 43.208 | -20 25 49.29  | 1.0340451       | 55 09.90     | 15 01.58           | 0 12       | 5 12                            | 10 19                           | 21.6                          |       |          |
| 10 | ●            | 21 34 09.549  | -15 50 39.53    | 1.0218095    | 55 49.54           | 15 12.37   | 0 43                            | 5 58                            | 11 21                         | 22.6  |          |
| 11 | E            | 22 21 30.807  | -10 28 24.60    | 1.0074182    | 56 37.39           | 15 25.41   | 1 11                            | 6 43                            | 12 24                         | 23.6  |          |
| 12 |              | 23 08 37.140  | -04 29 47.91    | 0.9916299    | 57 31.49           | 15 40.14   | 1 38                            | 7 28                            | 13 27                         | 24.6  |          |
| 13 |              | 23 56 32.640  | +01 52 34.30    | 0.9754782    | 58 28.64           | 15 55.71   | 2 4                             | 8 13                            | 14 33                         | 25.6  |          |
| 14 |              | 00 46 31.012  | +08 22 40.33    | 0.9602075    | 59 24.45           | 16 10.91   | 2 31                            | 9 1                             | 15 41                         | 26.6  |          |
| 15 |              | 01 39 49.045  | +14 39 23.02    | 0.9471494    | 60 13.59           | 16 24.29   | 3 1                             | 9 52                            | 16 54                         | 27.6  |          |
| 16 | ●P           | 02 37 32.169  | +20 15 37.40    | 0.9375424    | 60 50.63           | 16 34.38   | 3 36                            | 10 48                           | 18 11                         | 28.6  |          |
| 17 |              | 03 40 06.400  | +24 39 50.01    | 0.9323256    | 61 11.06           | 16 39.94   | 4 19                            | 11 50                           | 19 29                         | 0.3   |          |
| 18 |              | 04 46 41.641  | +27 21 35.21    | 0.9319619    | 61 12.49           | 16 40.33   | 5 11                            | 12 55                           | 20 43                         | 1.3   |          |
| 19 |              | N   | 05 54 56.380    | +28 00 57.98 | 0.9363508          | 60 55.27   | 16 35.65                        | 6 15                            | 14 3                          | 21 48 | 2.3      |
| 20 | 07 01 40.886 | +26 36 34.25  | 0.9448666       | 60 22.33     | 16 26.67           | 7 26       | 15 8                            | 22 42                           | 3.3                           |       |          |
| 21 | ●            | 08 04 20.971  | +23 25 20.95    | 0.9565066    | 59 38.24           | 16 14.66   | 8 40                            | 16 7                            | 23 25                         | 4.3   |          |
| 22 |              | 09 01 51.223  | +18 54 21.18    | 0.9700944    | 58 48.12           | 16 01.01   | 9 52                            | 17 1                            | 24 0                          | 5.3   |          |
| 23 |              | 09 54 27.409  | +13 31 28.06    | 0.9844746    | 57 56.58           | 15 46.98   | 11 1                            | 17 50                           | - -                           | 6.3   |          |
| 24 |              | 10 43 10.557  | +07 40 19.06    | 0.9986548    | 57 07.21           | 15 33.53   | 12 5                            | 18 35                           | 0 29                          | 7.3   |          |
| 25 |              | E   | 11 29 16.884    | +01 39 20.00 | 1.0118813          | 56 22.40   | 15 21.33                        | 13 7                            | 19 18                         | 0 55  | 8.3      |
| 26 | ●            | 12 14 02.025  | -04 17 05.58    | 1.0236547    | 55 43.50           | 15 10.73   | 14 7                            | 19 59                           | 1 19                          | 9.3   |          |
| 27 |              | 12 58 34.801  | -09 56 56.55    | 1.0337021    | 55 11.00           | 15 01.88   | 15 7                            | 20 41                           | 1 43                          | 10.3  |          |
| 28 |              | 13 43 54.499  | -15 09 08.09    | 1.0419239    | 54 44.87           | 14 54.76   | 16 6                            | 21 25                           | 2 9                           | 11.3  |          |
| 29 |              | 14 30 47.799  | -19 42 36.19    | 1.0483289    | 54 24.80           | 14 49.29   | 17 7                            | 22 10                           | 2 37                          | 12.3  |          |
| 30 |              | 15 19 43.523  | -23 26 02.38    | 1.0529720    | 54 10.40           | 14 45.37   | 18 7                            | 22 58                           | 3 8                           | 13.3  |          |
| 31 |              | ●   | 16 10 45.763    | -26 08 26.34 | 1.0558993          | 54 01.39   | 14 42.92                        | 19 6                            | 23 48                         | 3 45  | 14.3     |

● 朔, ● 上弦, ● 望, ● 下弦, S 最南, E 赤道通過, N 最北, P 最近, A 最遠

| 名称  | 中央標準時   | 名称   | 中央標準時  | 名称  | 中央標準時   | 距離    |
|-----|---|------|--|-----|---|-------|
| 望   | 2 <sup>日</sup> 2 <sup>h</sup> 23 <sup>m</sup> | 最 南  | 5 <sup>日</sup> 20 <sup>h</sup> 22 <sup>m</sup> | 最 遠 | 5 <sup>日</sup> 7 <sup>h</sup> 30 <sup>m</sup> | 1.056 |
| 下 弦 | 10 6 10                                       | 赤道通過 | 13 2 1   | 最 近 | 17 22 44                                      | 0.932 |
| 朔   | 17 5 1  | 最 北  | 19 4 25  |     |   |       |
| 上 弦 | 23 20 11                                      | 赤道通過 | 25 15 36                                       |     |   |       |
| 望   | 31 17 45                                      |      |  |     |   |       |

太 陽 令和 8 年 6 月 2026

| 日  | 通日  | 真春分点にもとづく座標系  |                 |                         | 地球時 0 <sup>h</sup> |            |                                    | 世界時 0 <sup>h</sup>             | 東京, 中央標準時                                       |                                 |  |
|----|-----|---|-----------------|-------------------------|--------------------|------------|------------------------------------|--------------------------------|---|---------------------------------|--|
|    |     | 視赤経   | 視赤緯             | 距離                      | 視差                 | 視半径        | 均時差                                | 出                              | 南中  | 入                               |  |
| 1  | 152 | 04 <sup>h</sup> 35 <sup>m</sup> 44.475 <sup>s</sup> | +22° 01' 33.28" | 1.0138837 <sup>au</sup> | 8.67"              | 15' 48.02" | +02 <sup>m</sup> 14.2 <sup>s</sup> | 4 <sup>h</sup> 27 <sup>m</sup> | 11 <sup>h</sup> 38 <sup>m</sup> 49 <sup>s</sup> | 18 <sup>h</sup> 51 <sup>m</sup> |  |
| 2  | 153 | 04 39 50.233  | +22 09 34.98    | 1.0140383               | 8.67               | 15 47.87   | +02 05.0                           | 4 26                           | 11 38 58  | 18 52                           |  |
| 3  | 154 | 04 43 56.379  | +22 17 13.55    | 1.0141899               | 8.67               | 15 47.73   | +01 55.4                           | 4 26                           | 11 39 8   | 18 52                           |  |
| 4  | 155 | 04 48 02.898  | +22 24 28.81    | 1.0143385               | 8.67               | 15 47.59   | +01 45.5                           | 4 26                           | 11 39 18  | 18 53                           |  |
| 5  | 156 | 04 52 09.776  | +22 31 20.60    | 1.0144840               | 8.67               | 15 47.46   | +01 35.1                           | 4 26                           | 11 39 28  | 18 54                           |  |
| 6  | 157 | 04 56 16.994  | +22 37 48.76    | 1.0146261               | 8.67               | 15 47.32   | +01 24.5                           | 4 25                           | 11 39 39  | 18 54                           |  |
| 7  | 158 | 05 00 24.538  | +22 43 53.14    | 1.0147646               | 8.67               | 15 47.20   | +01 13.5                           | 4 25                           | 11 39 50  | 18 55                           |  |
| 8  | 159 | 05 04 32.389  | +22 49 33.60    | 1.0148992               | 8.67               | 15 47.07   | +01 02.2                           | 4 25                           | 11 40 1   | 18 55                           |  |
| 9  | 160 | 05 08 40.529  | +22 54 49.98    | 1.0150296               | 8.66               | 15 46.95   | +00 50.6                           | 4 25                           | 11 40 13  | 18 56                           |  |
| 10 | 161 | 05 12 48.940  | +22 59 42.17    | 1.0151556               | 8.66               | 15 46.83   | +00 38.7                           | 4 25                           | 11 40 25  | 18 56                           |  |
| 11 | 162 | 05 16 57.603  | +23 04 10.05    | 1.0152767               | 8.66               | 15 46.72   | +00 26.6                           | 4 25                           | 11 40 37  | 18 57                           |  |
| 12 | 163 | 05 21 06.496  | +23 08 13.51    | 1.0153927               | 8.66               | 15 46.61   | +00 14.3                           | 4 25                           | 11 40 49  | 18 57                           |  |
| 13 | 164 | 05 25 15.597  | +23 11 52.47    | 1.0155031               | 8.66               | 15 46.51   | +00 01.8                           | 4 25                           | 11 41 2   | 18 58                           |  |
| 14 | 165 | 05 29 24.878  | +23 15 06.85    | 1.0156076               | 8.66               | 15 46.41   | -00 11.0                           | 4 25                           | 11 41 14  | 18 58                           |  |
| 15 | 166 | 05 33 34.310  | +23 17 56.60    | 1.0157062               | 8.66               | 15 46.32   | -00 23.8                           | 4 25                           | 11 41 27  | 18 58                           |  |
| 16 | 167 | 05 37 43.862  | +23 20 21.65    | 1.0157986               | 8.66               | 15 46.23   | -00 36.8                           | 4 25                           | 11 41 40  | 18 59                           |  |
| 17 | 168 | 05 41 53.500  | +23 22 21.96    | 1.0158848               | 8.66               | 15 46.15   | -00 49.9                           | 4 25                           | 11 41 53  | 18 59                           |  |
| 18 | 169 | 05 46 03.193  | +23 23 57.48    | 1.0159651               | 8.66               | 15 46.08   | -01 03.0                           | 4 25                           | 11 42 7   | 18 59                           |  |
| 19 | 170 | 05 50 12.913  | +23 25 08.18    | 1.0160397               | 8.66               | 15 46.01   | -01 16.2                           | 4 25                           | 11 42 20  | 19 0                            |  |
| 20 | 171 | 05 54 22.633  | +23 25 54.05    | 1.0161087               | 8.65               | 15 45.94   | -01 29.3                           | 4 25                           | 11 42 33  | 19 0                            |  |
| 21 | 172 | 05 58 32.329  | +23 26 15.07    | 1.0161726               | 8.65               | 15 45.88   | -01 42.5                           | 4 25                           | 11 42 46  | 19 0                            |  |
| 22 | 173 | 06 02 41.978  | +23 26 11.26    | 1.0162316               | 8.65               | 15 45.83   | -01 55.6                           | 4 26                           | 11 42 59  | 19 0                            |  |
| 23 | 174 | 06 06 51.559  | +23 25 42.64    | 1.0162860               | 8.65               | 15 45.78   | -02 08.6                           | 4 26                           | 11 43 12  | 19 0                            |  |
| 24 | 175 | 06 11 01.051  | +23 24 49.26    | 1.0163360               | 8.65               | 15 45.73   | -02 21.5                           | 4 26                           | 11 43 25  | 19 1                            |  |
| 25 | 176 | 06 15 10.433  | +23 23 31.14    | 1.0163818               | 8.65               | 15 45.69   | -02 34.4                           | 4 26                           | 11 43 38  | 19 1                            |  |
| 26 | 177 | 06 19 19.684  | +23 21 48.36    | 1.0164237               | 8.65               | 15 45.65   | -02 47.1                           | 4 27                           | 11 43 51  | 19 1                            |  |
| 27 | 178 | 06 23 28.782  | +23 19 40.98    | 1.0164618               | 8.65               | 15 45.61   | -02 59.6                           | 4 27                           | 11 44 3   | 19 1                            |  |
| 28 | 179 | 06 27 37.708  | +23 17 09.05    | 1.0164963               | 8.65               | 15 45.58   | -03 12.0                           | 4 27                           | 11 44 15  | 19 1                            |  |
| 29 | 180 | 06 31 46.441  | +23 14 12.65    | 1.0165271               | 8.65               | 15 45.55   | -03 24.1                           | 4 28                           | 11 44 28  | 19 1                            |  |
| 30 | 181 | 06 35 54.961  | +23 10 51.87    | 1.0165544               | 8.65               | 15 45.53   | -03 36.1                           | 4 28                           | 11 44 40  | 19 1                            |  |

黄 経・黄 緯

J2000.0 の平均黄道座標系 地球時 0<sup>h</sup>

| 日  | 黄経             | 黄緯      | 日  | 黄経             | 黄緯      | 日  | 黄経             | 黄緯      |
|----|----------------|---------|----|----------------|---------|----|----------------|---------|
| 1  | 70° 10' 20.50" | -12.58" | 11 | 79° 44' 37.95" | -11.94" | 21 | 89° 17' 54.66" | -12.51" |
| 2  | 71 07 49.72    | -12.59  | 12 | 80 42 00.39    | -11.89  | 22 | 90 15 10.37    | -12.61  |
| 3  | 72 05 17.99    | -12.57  | 13 | 81 39 22.33    | -11.87  | 23 | 91 12 25.38    | -12.70  |
| 4  | 73 02 45.38    | -12.53  | 14 | 82 36 43.73    | -11.87  | 24 | 92 09 39.72    | -12.76  |
| 5  | 74 00 11.97    | -12.46  | 15 | 83 34 04.54    | -11.91  | 25 | 93 06 53.45    | -12.79  |
| 6  | 74 57 37.83    | -12.38  | 16 | 84 31 24.73    | -11.97  | 26 | 94 04 06.63    | -12.80  |
| 7  | 75 55 03.00    | -12.29  | 17 | 85 28 44.22    | -12.06  | 27 | 95 01 19.34    | -12.77  |
| 8  | 76 52 27.56    | -12.20  | 18 | 86 26 02.98    | -12.17  | 28 | 95 58 31.64    | -12.72  |
| 9  | 77 49 51.55    | -12.10  | 19 | 87 23 20.98    | -12.28  | 29 | 96 55 43.61    | -12.64  |
| 10 | 78 47 15.00    | -12.02  | 20 | 88 20 38.21    | -12.40  | 30 | 97 52 55.33    | -12.52  |



月

令和 8 年

6 月

2026

| 日  | 状況  | 真春分点にもとづく座標系  |                 |           | 地球時 0 <sup>h</sup> |            |                                | 東京, 中央標準時 |                                |      | 正午<br>月齡 |
|----|-----|---|-----------------|-----------|--------------------|------------|--------------------------------|-----------|--------------------------------|------|----------|
|    |     | 視赤経   | 視赤緯             | 距離        | 視差                 | 視半径        | 出                              | 南中        | 入                              |      |          |
| 1  | A   | 17 <sup>h</sup> 03 <sup>m</sup> 28.939 <sup>s</sup> | -27° 40' 26.26" | 1.0571114 | 53' 57.67"         | 14' 41.91" | 20 <sup>h</sup> 1 <sup>m</sup> | - -       | 4 <sup>h</sup> 28 <sup>m</sup> | 15.3 |          |
| 2  | S   | 17 57 00.540  | -27 56 04.05    | 1.0565452 | 53 59.41           | 14 42.38   | 20 51                          | 0 39      | 5 17                           | 16.3 |          |
| 3  |     | 18 50 14.844  | -26 54 07.30    | 1.0540787 | 54 06.99           | 14 44.44   | 21 34                          | 1 30      | 6 12                           | 17.3 |          |
| 4  |     | 19 42 13.296  | -24 38 20.06    | 1.0495554 | 54 20.98           | 14 48.25   | 22 12                          | 2 20      | 7 10                           | 18.3 |          |
| 5  |     | 20 32 21.433  | -21 16 15.93    | 1.0428278 | 54 42.02           | 14 53.99   | 22 44                          | 3 9       | 8 11                           | 19.3 |          |
| 6  |     | 21 20 35.402  | -16 57 35.51    | 1.0338132 | 55 10.64           | 15 01.78   | 23 12                          | 3 55      | 9 12                           | 20.3 |          |
| 7  |     | 22 07 19.125  | -11 52 42.58    | 1.0225571 | 55 47.09           | 15 11.71   | 23 39                          | 4 39      | 10 13                          | 21.3 |          |
| 8  | ●   | 22 53 17.718  | -06 12 11.14    | 1.0092963 | 56 31.07           | 15 23.69   | - -                            | 5 22      | 11 15                          | 22.3 |          |
| 9  | E   | 23 39 31.614  | -00 07 08.73    | 0.9945117 | 57 21.48           | 15 37.42   | 0 4                            | 6 6       | 12 17                          | 23.3 |          |
| 10 |     | 00 27 12.609  | +06 09 32.32    | 0.9789584 | 58 16.17           | 15 52.31   | 0 30                           | 6 51      | 13 22                          | 24.3 |          |
| 11 |     | 01 17 40.028  | +12 21 30.30    | 0.9636570 | 59 11.69           | 16 07.43   | 0 57                           | 7 39      | 14 31                          | 25.3 |          |
| 12 |     | 02 12 12.422  | +18 07 05.26    | 0.9498284 | 60 03.40           | 16 21.52   | 1 29                           | 8 31      | 15 44                          | 26.3 |          |
| 13 |     | 03 11 47.803  | +22 58 32.12    | 0.9387617 | 60 45.88           | 16 33.09   | 2 7                            | 9 29      | 17 1                           | 27.3 |          |
| 14 |     | 04 16 28.182  | +26 24 16.95    | 0.9316217 | 61 13.83           | 16 40.70   | 2 54                           | 10 32     | 18 17                          | 28.3 |          |
| 15 | ●NP | 05 24 42.632  | +27 56 13.97    | 0.9292332 | 61 23.27           | 16 43.27   | 3 52                           | 11 40     | 19 28                          | 0.0  |          |
| 16 |     | 06 33 31.391  | +27 20 26.93    | 0.9319047 | 61 12.71           | 16 40.40   | 5 1                            | 12 48     | 20 28                          | 1.0  |          |
| 17 |     | 07 39 37.357  | +24 43 51.29    | 0.9393557 | 60 43.58           | 16 32.46   | 6 17                           | 13 52     | 21 17                          | 2.0  |          |
| 18 |     | 08 40 53.050  | +20 30 38.11    | 0.9507764 | 59 59.81           | 16 20.54   | 7 33                           | 14 50     | 21 57                          | 3.0  |          |
| 19 |     | 09 36 49.643  | +15 11 48.79    | 0.9649967 | 59 06.75           | 16 06.09   | 8 45                           | 15 43     | 22 29                          | 4.0  |          |
| 20 |     | 10 28 09.168  | +09 16 19.81    | 0.9807003 | 58 09.96           | 15 50.62   | 9 54                           | 16 30     | 22 57                          | 5.0  |          |
| 21 | E   | 11 16 05.328  | +03 07 16.23    | 0.9966224 | 57 14.20           | 15 35.43   | 10 58                          | 17 15     | 23 22                          | 6.0  |          |
| 22 | ●   | 12 01 58.164  | -02 58 03.84    | 1.0116892 | 56 23.05           | 15 21.50   | 12 0                           | 17 58     | 23 47                          | 7.0  |          |
| 23 |     | 12 47 02.779  | -08 46 29.21    | 1.0250928 | 55 38.81           | 15 09.45   | 13 0                           | 18 40     | - -                            | 8.0  |          |
| 24 |     | 13 32 25.118  | -14 07 03.14    | 1.0363078 | 55 02.67           | 14 59.61   | 14 0                           | 19 23     | 0 12                           | 9.0  |          |
| 25 |     | 14 18 59.217  | -18 49 34.50    | 1.0450686 | 54 34.98           | 14 52.07   | 15 0                           | 20 8      | 0 39                           | 10.0 |          |
| 26 |     | 15 07 22.890  | -22 43 47.86    | 1.0513221 | 54 15.50           | 14 46.76   | 16 0                           | 20 55     | 1 10                           | 11.0 |          |
| 27 |     | 15 57 51.258  | -25 39 23.16    | 1.0551674 | 54 03.64           | 14 43.53   | 17 0                           | 21 44     | 1 45                           | 12.0 |          |
| 28 | A   | 16 50 10.472  | -27 26 50.83    | 1.0567934 | 53 58.65           | 14 42.17   | 17 56                          | 22 35     | 2 25                           | 13.0 |          |
| 29 | S   | 17 43 36.972  | -27 59 11.24    | 1.0564194 | 53 59.79           | 14 42.48   | 18 48                          | 23 26     | 3 13                           | 14.0 |          |
| 30 | ●   | 18 37 07.274  | -27 13 38.69    | 1.0542470 | 54 06.47           | 14 44.30   | 19 33                          | - -       | 4 6                            | 15.0 |          |

● 朔, ● 上弦, ● 望, ● 下弦, S 最南, E 赤道通過, N 最北, P 最近, A 最遠

| 名称  | 中央標準時   | 名称   | 中央標準時   | 名称  | 中央標準時  | 距離    |
|-----|---|------|---|-----|--|-------|
| 下 弦 | 8 <sup>h</sup> 19 <sup>m</sup> 1 <sup>s</sup> | 最 南  | 2 <sup>h</sup> 1 <sup>m</sup> 48 <sup>s</sup> | 最 遠 | 1 <sup>h</sup> 13 <sup>m</sup> 33 <sup>s</sup> | 1.057 |
| 朔   | 15 11 54                                      | 赤道通過 | 9 9 26  | 最 近 | 15 8 20  | 0.929 |
| 上 弦 | 22 6 55                                       | 最 北  | 15 14 17                                      | 最 遠 | 28 16 11                                       | 1.057 |
| 望   | 30 8 57                                       | 赤道通過 | 21 21 12                                      |     |  |       |
|     |   | 最 南  | 29 6 58                                       |     |  |       |

太 陽 令和 8 年 7 月 2026

| 日  | 通日  | 真春分点にもとづく座標系  |                 |                         | 地球時 0 <sup>h</sup> |            |                                    | 世界時 0 <sup>h</sup>             | 東京, 中央標準時                                       |                                |  |
|----|-----|---|-----------------|-------------------------|--------------------|------------|------------------------------------|--------------------------------|---|--------------------------------|--|
|    |     | 視赤経   | 視赤緯             | 距離                      | 視差                 | 視半径        | 均時差                                | 出                              | 南中  | 入                              |  |
| 1  | 182 | 06 <sup>h</sup> 40 <sup>m</sup> 03.248 <sup>s</sup> | +23° 07' 06.77" | 1.0165783 <sup>au</sup> | 8.65"              | 15' 45.51" | -03 <sup>m</sup> 47.8 <sup>s</sup> | 4 <sup>h</sup> 29 <sup>m</sup> | 11 <sup>h</sup> 44 <sup>m</sup> 51 <sup>s</sup> | 19 <sup>h</sup> 1 <sup>m</sup> |  |
| 2  | 183 | 06 44 11.283  | +23 02 57.47    | 1.0165986               | 8.65               | 15 45.49   | -03 59.3                           | 4 29                           | 11 45 3   | 19 1                           |  |
| 3  | 184 | 06 48 19.047  | +22 58 24.03    | 1.0166153               | 8.65               | 15 45.47   | -04 10.5                           | 4 30                           | 11 45 14  | 19 1                           |  |
| 4  | 185 | 06 52 26.522  | +22 53 26.57    | 1.0166283               | 8.65               | 15 45.46   | -04 21.4                           | 4 30                           | 11 45 25  | 19 1                           |  |
| 5  | 186 | 06 56 33.692  | +22 48 05.18    | 1.0166376               | 8.65               | 15 45.45   | -04 32.0                           | 4 31                           | 11 45 35  | 19 0                           |  |
| 6  | 187 | 07 00 40.540  | +22 42 19.97    | 1.0166428               | 8.65               | 15 45.45   | -04 42.3                           | 4 31                           | 11 45 46  | 19 0                           |  |
| 7  | 188 | 07 04 47.050  | +22 36 11.07    | 1.0166438               | 8.65               | 15 45.44   | -04 52.3                           | 4 32                           | 11 45 55  | 19 0                           |  |
| 8  | 189 | 07 08 53.206  | +22 29 38.60    | 1.0166403               | 8.65               | 15 45.45   | -05 01.9                           | 4 32                           | 11 46 5   | 19 0                           |  |
| 9  | 190 | 07 12 58.993  | +22 22 42.71    | 1.0166320               | 8.65               | 15 45.46   | -05 11.1                           | 4 33                           | 11 46 14  | 19 0                           |  |
| 10 | 191 | 07 17 04.395  | +22 15 23.56    | 1.0166186               | 8.65               | 15 45.47   | -05 20.0                           | 4 33                           | 11 46 23  | 18 59                          |  |
| 11 | 192 | 07 21 09.393  | +22 07 41.33    | 1.0165996               | 8.65               | 15 45.49   | -05 28.4                           | 4 34                           | 11 46 31  | 18 59                          |  |
| 12 | 193 | 07 25 13.970  | +21 59 36.21    | 1.0165749               | 8.65               | 15 45.51   | -05 36.4                           | 4 34                           | 11 46 39  | 18 59                          |  |
| 13 | 194 | 07 29 18.102  | +21 51 08.40    | 1.0165442               | 8.65               | 15 45.54   | -05 44.0                           | 4 35                           | 11 46 47  | 18 58                          |  |
| 14 | 195 | 07 33 21.767  | +21 42 18.12    | 1.0165072               | 8.65               | 15 45.57   | -05 51.1                           | 4 36                           | 11 46 54  | 18 58                          |  |
| 15 | 196 | 07 37 24.942  | +21 33 05.59    | 1.0164638               | 8.65               | 15 45.61   | -05 57.7                           | 4 36                           | 11 47 0   | 18 57                          |  |
| 16 | 197 | 07 41 27.606  | +21 23 31.04    | 1.0164142               | 8.65               | 15 45.66   | -06 03.8                           | 4 37                           | 11 47 7   | 18 57                          |  |
| 17 | 198 | 07 45 29.740  | +21 13 34.68    | 1.0163584               | 8.65               | 15 45.71   | -06 09.4                           | 4 38                           | 11 47 12  | 18 56                          |  |
| 18 | 199 | 07 49 31.331  | +21 03 16.74    | 1.0162968               | 8.65               | 15 45.77   | -06 14.4                           | 4 38                           | 11 47 17  | 18 56                          |  |
| 19 | 200 | 07 53 32.366  | +20 52 37.47    | 1.0162295               | 8.65               | 15 45.83   | -06 18.9                           | 4 39                           | 11 47 21  | 18 55                          |  |
| 20 | 201 | 07 57 32.834  | +20 41 37.10    | 1.0161569               | 8.65               | 15 45.90   | -06 22.8                           | 4 40                           | 11 47 25  | 18 55                          |  |
| 21 | 202 | 08 01 32.727  | +20 30 15.89    | 1.0160792               | 8.65               | 15 45.97   | -06 26.1                           | 4 40                           | 11 47 29  | 18 54                          |  |
| 22 | 203 | 08 05 32.038  | +20 18 34.09    | 1.0159969               | 8.66               | 15 46.05   | -06 28.9                           | 4 41                           | 11 47 31  | 18 53                          |  |
| 23 | 204 | 08 09 30.760  | +20 06 31.97    | 1.0159101               | 8.66               | 15 46.13   | -06 31.1                           | 4 42                           | 11 47 33  | 18 53                          |  |
| 24 | 205 | 08 13 28.886  | +19 54 09.79    | 1.0158191               | 8.66               | 15 46.21   | -06 32.6                           | 4 43                           | 11 47 35  | 18 52                          |  |
| 25 | 206 | 08 17 26.413  | +19 41 27.81    | 1.0157242               | 8.66               | 15 46.30   | -06 33.6                           | 4 43                           | 11 47 36  | 18 51                          |  |
| 26 | 207 | 08 21 23.335  | +19 28 26.30    | 1.0156255               | 8.66               | 15 46.39   | -06 34.0                           | 4 44                           | 11 47 36  | 18 51                          |  |
| 27 | 208 | 08 25 19.650  | +19 15 05.51    | 1.0155233               | 8.66               | 15 46.49   | -06 33.7                           | 4 45                           | 11 47 36  | 18 50                          |  |
| 28 | 209 | 08 29 15.356  | +19 01 25.72    | 1.0154177               | 8.66               | 15 46.59   | -06 32.8                           | 4 46                           | 11 47 35  | 18 49                          |  |
| 29 | 210 | 08 33 10.452  | +18 47 27.18    | 1.0153089               | 8.66               | 15 46.69   | -06 31.4                           | 4 46                           | 11 47 33  | 18 48                          |  |
| 30 | 211 | 08 37 04.937  | +18 33 10.17    | 1.0151970               | 8.66               | 15 46.79   | -06 29.3                           | 4 47                           | 11 47 31  | 18 47                          |  |
| 31 | 212 | 08 40 58.813  | +18 18 34.93    | 1.0150819               | 8.66               | 15 46.90   | -06 26.6                           | 4 48                           | 11 47 28  | 18 47                          |  |

黄 経・黄 緯

J2000.0 の平均黄道座標系 地球時 0<sup>h</sup>

| 日  | 黄経             | 黄緯      | 日  | 黄経              | 黄緯      | 日  | 黄経              | 黄緯      |
|----|----------------|---------|----|-----------------|---------|----|-----------------|---------|
| 1  | 98° 50' 06.88" | -12.39" | 11 | 108° 22' 09.45" | -10.78" | 21 | 117° 54' 44.19" | -10.80" |
| 2  | 99 47 18.33    | -12.23  | 12 | 109 19 23.62    | -10.72  | 22 | 118 52 00.86    | -10.75  |
| 3  | 100 44 29.78   | -12.06  | 13 | 110 16 38.18    | -10.69  | 23 | 119 49 17.80    | -10.68  |
| 4  | 101 41 41.29   | -11.87  | 14 | 111 13 53.10    | -10.68  | 24 | 120 46 35.04    | -10.57  |
| 5  | 102 38 52.96   | -11.68  | 15 | 112 11 08.33    | -10.70  | 25 | 121 43 52.65    | -10.44  |
| 6  | 103 36 04.84   | -11.50  | 16 | 113 08 23.82    | -10.72  | 26 | 122 41 10.68    | -10.28  |
| 7  | 104 33 17.01   | -11.31  | 17 | 114 05 39.53    | -10.76  | 27 | 123 38 29.19    | -10.09  |
| 8  | 105 30 29.51   | -11.15  | 18 | 115 02 55.42    | -10.79  | 28 | 124 35 48.27    | -9.87   |
| 9  | 106 27 42.41   | -11.00  | 19 | 116 00 11.50    | -10.81  | 29 | 125 33 07.97    | -9.63   |
| 10 | 107 24 55.72   | -10.88  | 20 | 116 57 27.75    | -10.81  | 30 | 126 30 28.39    | -9.37   |
|    |                |         |    |                 |         | 31 | 127 27 49.60    | -9.11   |

| 日  | 状況 | 真春分点にもとづく座標系  |                 |           | 地球時 0 <sup>h</sup> |            |                                 | 東京, 中央標準時                      |                               |      | 正午<br>月齡 |
|----|----|---|-----------------|-----------|--------------------|------------|---------------------------------|--------------------------------|-------------------------------|------|----------|
|    |    | 視赤経   | 視赤緯             | 距離        | 視差                 | 視半径        | 出                               | 南中                             | 入                             |      |          |
| 1  |    | 19 <sup>h</sup> 29 <sup>m</sup> 37.120 <sup>s</sup> | -25° 12' 33.43" | 1.0504263 | 54' 18.28"         | 14' 47.52" | 20 <sup>h</sup> 12 <sup>m</sup> | 0 <sup>h</sup> 17 <sup>m</sup> | 5 <sup>h</sup> 4 <sup>m</sup> | 16.0 |          |
| 2  |    | 20 20 21.042  | -22 02 50.87    | 1.0450421 | 54 35.07           | 14 52.09   | 20 46                           | 1 6                            | 6 5                           | 17.0 |          |
| 3  |    | 21 09 03.046  | -17 54 29.05    | 1.0381217 | 54 56.90           | 14 58.04   | 21 16                           | 1 53                           | 7 6                           | 18.0 |          |
| 4  |    | 21 55 56.537  | -12 58 48.12    | 1.0296639 | 55 23.98           | 15 05.41   | 21 42                           | 2 38                           | 8 7                           | 19.0 |          |
| 5  |    | 22 41 38.237  | -07 27 25.02    | 1.0196871 | 55 56.51           | 15 14.27   | 22 7                            | 3 21                           | 9 8                           | 20.0 |          |
| 6  | E  | 23 27 01.512  | -01 31 59.56    | 1.0082896 | 56 34.45           | 15 24.61   | 22 32                           | 4 4                            | 10 9                          | 21.0 |          |
| 7  |    | 00 13 11.658  | +04 35 11.49    | 0.9957138 | 57 17.33           | 15 36.29   | 22 58                           | 4 47                           | 11 11                         | 22.0 |          |
| 8  | ●  | 01 01 22.597  | +10 40 01.95    | 0.9824019 | 58 03.91           | 15 48.97   | 23 27                           | 5 32                           | 12 16                         | 23.0 |          |
| 9  |    | 01 52 51.994  | +16 25 00.67    | 0.9690288 | 58 52.00           | 16 02.07   | - -                             | 6 21                           | 13 25                         | 24.0 |          |
| 10 |    | 02 48 49.400  | +21 27 46.87    | 0.9564937 | 59 38.29           | 16 14.68   | 0 1                             | 7 14                           | 14 38                         | 25.0 |          |
| 11 |    | 03 49 51.332  | +25 21 13.17    | 0.9458547 | 60 18.54           | 16 25.64   | 0 42                            | 8 13                           | 15 53                         | 26.0 |          |
| 12 |    | 04 55 25.023  | +27 36 57.60    | 0.9382006 | 60 48.06           | 16 33.68   | 1 34                            | 9 18                           | 17 5                          | 27.0 |          |
| 13 | NP | 06 03 25.693  | +27 53 29.10    | 0.9344701 | 61 02.63           | 16 37.65   | 2 37                            | 10 25                          | 18 10                         | 28.0 |          |
| 14 | ●  | 07 10 47.182  | +26 05 25.93    | 0.9352606 | 60 59.53           | 16 36.81   | 3 49                            | 11 31                          | 19 5                          | 29.0 |          |
| 15 |    | 08 14 42.531  | +22 26 48.74    | 0.9406821 | 60 38.44           | 16 31.06   | 5 6                             | 12 33                          | 19 49                         | 0.7  |          |
| 16 |    | 09 13 47.788  | +17 25 05.08    | 0.9503124 | 60 01.57           | 16 21.02   | 6 22                            | 13 29                          | 20 25                         | 1.7  |          |
| 17 |    | 10 08 05.016  | +11 31 27.22    | 0.9632664 | 59 13.13           | 16 07.82   | 7 34                            | 14 20                          | 20 56                         | 2.7  |          |
| 18 |    | 10 58 28.717  | +05 13 52.68    | 0.9783558 | 58 18.32           | 15 52.90   | 8 42                            | 15 8                           | 21 23                         | 3.7  |          |
| 19 | E  | 11 46 13.272  | -01 05 29.80    | 0.9942822 | 57 22.28           | 15 37.63   | 9 47                            | 15 52                          | 21 48                         | 4.7  |          |
| 20 |    | 12 32 34.383  | -07 09 57.17    | 1.0098114 | 56 29.34           | 15 23.21   | 10 49                           | 16 36                          | 22 14                         | 5.7  |          |
| 21 | ●  | 13 18 40.987  | -12 46 37.50    | 1.0239004 | 55 42.70           | 15 10.51   | 11 51                           | 17 19                          | 22 41                         | 6.7  |          |
| 22 |    | 14 05 31.391  | -17 44 48.25    | 1.0357673 | 55 04.40           | 15 00.08   | 12 52                           | 18 4                           | 23 10                         | 7.7  |          |
| 23 |    | 14 53 49.429  | -21 54 39.42    | 1.0449140 | 54 35.47           | 14 52.20   | 13 53                           | 18 51                          | 23 44                         | 8.7  |          |
| 24 |    | 15 43 58.908  | -25 06 39.01    | 1.0511143 | 54 16.14           | 14 46.94   | 14 52                           | 19 39                          | - -                           | 9.7  |          |
| 25 |    | 16 35 57.416  | -27 11 51.30    | 1.0543783 | 54 06.06           | 14 44.19   | 15 50                           | 20 30                          | 0 23                          | 10.7 |          |
| 26 | SA | 17 29 13.537  | -28 03 06.10    | 1.0549024 | 54 04.45           | 14 43.75   | 16 43                           | 21 21                          | 1 8                           | 11.7 |          |
| 27 |    | 18 22 52.596  | -27 36 33.40    | 1.0530123 | 54 10.28           | 14 45.34   | 17 31                           | 22 12                          | 2 0                           | 12.7 |          |
| 28 |    | 19 15 52.212  | -25 52 55.82    | 1.0491027 | 54 22.39           | 14 48.64   | 18 12                           | 23 2                           | 2 57                          | 13.7 |          |
| 29 | ●  | 20 07 21.560  | -22 57 36.93    | 1.0435803 | 54 39.65           | 14 53.34   | 18 48                           | 23 50                          | 3 57                          | 14.7 |          |
| 30 |    | 20 56 54.982  | -18 59 43.64    | 1.0368148 | 55 01.06           | 14 59.17   | 19 19                           | - -                            | 4 58                          | 15.7 |          |
| 31 |    | 21 44 35.432  | -14 10 39.12    | 1.0291055 | 55 25.79           | 15 05.91   | 19 46                           | 0 36                           | 6 0                           | 16.7 |          |

● 朔, ● 上弦, ● 望, ● 下弦, S 最南, E 赤道通過, N 最北, P 最近, A 最遠

| 名称  | 中央標準時   | 名称   | 中央標準時   | 名称  | 中央標準時   | 距離    |
|-----|---|------|---|-----|---|-------|
| 下 弦 | 8 <sup>h</sup> 4 <sup>m</sup> 29 <sup>s</sup> | 赤道通過 | 6 <sup>h</sup> 15 <sup>m</sup> 2 <sup>s</sup> | 最 近 | 13 <sup>h</sup> 16 <sup>m</sup> 57 <sup>s</sup> | 0.934 |
| 朔   | 14 18 44                                      | 最 北  | 13 0 10                                       | 最 遠 | 26 1 45   | 1.055 |
| 上 弦 | 21 20 6                                       | 赤道通過 | 19 4 48                                       |     |   |       |
| 望   | 29 23 36                                      | 最 南  | 26 12 51                                      |     |   |       |

太 陽 令和 8 年 8 月 2026

| 日  | 通日  | 真春分点にもとづく座標系  |                 |                         | 地球時 0 <sup>h</sup> |            |                                    | 世界時 0 <sup>h</sup>             | 東京, 中央標準時                                       |                                 |  |
|----|-----|---|-----------------|-------------------------|--------------------|------------|------------------------------------|--------------------------------|---|---------------------------------|--|
|    |     | 視赤経   | 視赤緯             | 距離                      | 視差                 | 視半径        | 均時差                                | 出                              | 南中  | 入                               |  |
| 1  | 213 | 08 <sup>h</sup> 44 <sup>m</sup> 52.083 <sup>s</sup> | +18° 03' 41.72" | 1.0149638 <sup>au</sup> | 8.66"              | 15' 47.01" | -06 <sup>m</sup> 23.3 <sup>s</sup> | 4 <sup>h</sup> 49 <sup>m</sup> | 11 <sup>h</sup> 47 <sup>m</sup> 25 <sup>s</sup> | 18 <sup>h</sup> 46 <sup>m</sup> |  |
| 2  | 214 | 08 48 44.751  | +17 48 30.80    | 1.0148426               | 8.67               | 15 47.12   | -06 19.5                           | 4 49                           | 11 47 21  | 18 45                           |  |
| 3  | 215 | 08 52 36.822  | +17 33 02.44    | 1.0147181               | 8.67               | 15 47.24   | -06 15.0                           | 4 50                           | 11 47 17  | 18 44                           |  |
| 4  | 216 | 08 56 28.302  | +17 17 16.88    | 1.0145903               | 8.67               | 15 47.36   | -06 09.9                           | 4 51                           | 11 47 11  | 18 43                           |  |
| 5  | 217 | 09 00 19.196  | +17 01 14.42    | 1.0144589               | 8.67               | 15 47.48   | -06 04.3                           | 4 52                           | 11 47 6   | 18 42                           |  |
| 6  | 218 | 09 04 09.513  | +16 44 55.31    | 1.0143238               | 8.67               | 15 47.61   | -05 58.0                           | 4 53                           | 11 46 59  | 18 41                           |  |
| 7  | 219 | 09 07 59.256  | +16 28 19.87    | 1.0141845               | 8.67               | 15 47.74   | -05 51.2                           | 4 53                           | 11 46 52  | 18 40                           |  |
| 8  | 220 | 09 11 48.430  | +16 11 28.38    | 1.0140408               | 8.67               | 15 47.87   | -05 43.8                           | 4 54                           | 11 46 45  | 18 39                           |  |
| 9  | 221 | 09 15 37.037  | +15 54 21.17    | 1.0138924               | 8.67               | 15 48.01   | -05 35.9                           | 4 55                           | 11 46 37  | 18 38                           |  |
| 10 | 222 | 09 19 25.079  | +15 36 58.56    | 1.0137390               | 8.67               | 15 48.15   | -05 27.3                           | 4 56                           | 11 46 28  | 18 37                           |  |
| 11 | 223 | 09 23 12.556  | +15 19 20.90    | 1.0135804               | 8.68               | 15 48.30   | -05 18.2                           | 4 56                           | 11 46 19  | 18 36                           |  |
| 12 | 224 | 09 26 59.468  | +15 01 28.51    | 1.0134165               | 8.68               | 15 48.46   | -05 08.6                           | 4 57                           | 11 46 10  | 18 35                           |  |
| 13 | 225 | 09 30 45.818  | +14 43 21.73    | 1.0132471               | 8.68               | 15 48.61   | -04 58.4                           | 4 58                           | 11 45 59  | 18 33                           |  |
| 14 | 226 | 09 34 31.607  | +14 25 00.89    | 1.0130723               | 8.68               | 15 48.78   | -04 47.6                           | 4 59                           | 11 45 48  | 18 32                           |  |
| 15 | 227 | 09 38 16.843  | +14 06 26.32    | 1.0128923               | 8.68               | 15 48.95   | -04 36.3                           | 5 0                            | 11 45 37  | 18 31                           |  |
| 16 | 228 | 09 42 01.534  | +13 47 38.35    | 1.0127074               | 8.68               | 15 49.12   | -04 24.5                           | 5 0                            | 11 45 25  | 18 30                           |  |
| 17 | 229 | 09 45 45.687  | +13 28 37.32    | 1.0125176               | 8.69               | 15 49.30   | -04 12.1                           | 5 1                            | 11 45 13  | 18 29                           |  |
| 18 | 230 | 09 49 29.314  | +13 09 23.55    | 1.0123235               | 8.69               | 15 49.48   | -03 59.1                           | 5 2                            | 11 45 0   | 18 28                           |  |
| 19 | 231 | 09 53 12.424  | +12 49 57.37    | 1.0121253               | 8.69               | 15 49.67   | -03 45.7                           | 5 3                            | 11 44 46  | 18 26                           |  |
| 20 | 232 | 09 56 55.029  | +12 30 19.12    | 1.0119232               | 8.69               | 15 49.85   | -03 31.7                           | 5 3                            | 11 44 32  | 18 25                           |  |
| 21 | 233 | 10 00 37.141  | +12 10 29.11    | 1.0117176               | 8.69               | 15 50.05   | -03 17.3                           | 5 4                            | 11 44 18  | 18 24                           |  |
| 22 | 234 | 10 04 18.772  | +11 50 27.67    | 1.0115089               | 8.69               | 15 50.24   | -03 02.4                           | 5 5                            | 11 44 3   | 18 22                           |  |
| 23 | 235 | 10 07 59.935  | +11 30 15.12    | 1.0112972               | 8.70               | 15 50.44   | -02 47.0                           | 5 6                            | 11 43 47  | 18 21                           |  |
| 24 | 236 | 10 11 40.644  | +11 09 51.78    | 1.0110828               | 8.70               | 15 50.64   | -02 31.1                           | 5 7                            | 11 43 31  | 18 20                           |  |
| 25 | 237 | 10 15 20.914  | +10 49 17.95    | 1.0108661               | 8.70               | 15 50.85   | -02 14.8                           | 5 7                            | 11 43 15  | 18 19                           |  |
| 26 | 238 | 10 19 00.759  | +10 28 33.94    | 1.0106472               | 8.70               | 15 51.05   | -01 58.1                           | 5 8                            | 11 42 58  | 18 17                           |  |
| 27 | 239 | 10 22 40.198  | +10 07 40.06    | 1.0104263               | 8.70               | 15 51.26   | -01 41.0                           | 5 9                            | 11 42 41  | 18 16                           |  |
| 28 | 240 | 10 26 19.247  | +09 46 36.59    | 1.0102036               | 8.71               | 15 51.47   | -01 23.5                           | 5 10                           | 11 42 24  | 18 15                           |  |
| 29 | 241 | 10 29 57.926  | +09 25 23.83    | 1.0099792               | 8.71               | 15 51.68   | -01 05.6                           | 5 10                           | 11 42 6   | 18 13                           |  |
| 30 | 242 | 10 33 36.255  | +09 04 02.05    | 1.0097533               | 8.71               | 15 51.90   | -00 47.4                           | 5 11                           | 11 41 47  | 18 12                           |  |
| 31 | 243 | 10 37 14.255  | +08 42 31.55    | 1.0095258               | 8.71               | 15 52.11   | -00 28.9                           | 5 12                           | 11 41 29  | 18 10                           |  |

黄 経・黄 緯

J2000.0 の平均黄道座標系 地球時 0<sup>h</sup>

| 日  | 黄経              | 黄緯     | 日  | 黄経              | 黄緯     | 日  | 黄経              | 黄緯     |
|----|-----------------|--------|----|-----------------|--------|----|-----------------|--------|
| 1  | 128° 25' 11.69" | -8.83" | 11 | 137° 59' 55.80" | -7.02" | 21 | 147° 36' 39.95" | -6.17" |
| 2  | 129 22 34.74    | -8.56  | 12 | 138 57 31.21    | -6.97  | 22 | 148 34 26.32    | -5.96  |
| 3  | 130 19 58.83    | -8.30  | 13 | 139 55 07.82    | -6.94  | 23 | 149 32 13.84    | -5.71  |
| 4  | 131 17 24.04    | -8.04  | 14 | 140 52 45.59    | -6.91  | 24 | 150 30 02.57    | -5.44  |
| 5  | 132 14 50.43    | -7.81  | 15 | 141 50 24.46    | -6.87  | 25 | 151 27 52.55    | -5.15  |
| 6  | 133 12 18.06    | -7.61  | 16 | 142 48 04.41    | -6.81  | 26 | 152 25 43.84    | -4.84  |
| 7  | 134 09 46.97    | -7.43  | 17 | 143 45 45.41    | -6.74  | 27 | 153 23 36.51    | -4.52  |
| 8  | 135 07 17.21    | -7.28  | 18 | 144 43 27.45    | -6.64  | 28 | 154 21 30.62    | -4.19  |
| 9  | 136 04 48.76    | -7.17  | 19 | 145 41 10.55    | -6.51  | 29 | 155 19 26.27    | -3.86  |
| 10 | 137 02 21.64    | -7.08  | 20 | 146 38 54.71    | -6.36  | 30 | 156 17 23.52    | -3.54  |
|    |                 |        |    |                 |        | 31 | 157 15 22.45    | -3.23  |

月

令和 8 年

8 月

2026

| 日  | 状況 | 真春分点にもとづく座標系  |                 |           | 地球時 0 <sup>h</sup> |            |                                 | 東京, 中央標準時                      |                               |      | 正午<br>月齡 |
|----|----|---|-----------------|-----------|--------------------|------------|---------------------------------|--------------------------------|-------------------------------|------|----------|
|    |    | 視赤経   | 視赤緯             | 距離        | 視差                 | 視半径        | 出                               | 南中                             | 入                             |      |          |
| 1  |    | 22 <sup>h</sup> 30 <sup>m</sup> 50.300 <sup>s</sup> | -08° 42' 48.93" | 1.0206672 | 55' 53.29"         | 15' 13.40" | 20 <sup>h</sup> 12 <sup>m</sup> | 1 <sup>h</sup> 20 <sup>m</sup> | 7 <sup>h</sup> 2 <sup>m</sup> | 17.7 |          |
| 2  | E  | 23 16 24.861  | -02 49 03.51    | 1.0116405 | 56 23.21           | 15 21.55   | 20 37                           | 2 3                            | 8 3                           | 18.7 |          |
| 3  |    | 00 02 16.778  | +03 17 19.82    | 1.0021257 | 56 55.33           | 15 30.30   | 21 2                            | 2 46                           | 9 5                           | 19.7 |          |
| 4  |    | 00 49 32.186  | +09 22 01.03    | 0.9922356 | 57 29.38           | 15 39.57   | 21 29                           | 3 30                           | 10 9                          | 20.7 |          |
| 5  |    | 01 39 21.497  | +15 08 38.01    | 0.9821573 | 58 04.78           | 15 49.21   | 22 1                            | 4 17                           | 11 15                         | 21.7 |          |
| 6  | ●  | 02 32 51.162  | +20 17 43.26    | 0.9722085 | 58 40.44           | 15 58.92   | 22 38                           | 5 7                            | 12 25                         | 22.7 |          |
| 7  |    | 03 30 46.613  | +24 26 21.72    | 0.9628733 | 59 14.58           | 16 08.22   | 23 24                           | 6 3                            | 13 37                         | 23.7 |          |
| 8  |    | 04 33 05.033  | +27 09 49.23    | 0.9547992 | 59 44.64           | 16 16.41   | - -                             | 7 3                            | 14 48                         | 24.7 |          |
| 9  | N  | 05 38 30.222  | +28 06 28.21    | 0.9487427 | 60 07.52           | 16 22.64   | 0 20                            | 8 7                            | 15 55                         | 25.7 |          |
| 10 | P  | 06 44 38.448  | +27 05 07.24    | 0.9454637 | 60 20.04           | 16 26.05   | 1 27                            | 9 12                           | 16 53                         | 26.7 |          |
| 11 |    | 07 48 50.753  | +24 10 18.65    | 0.9455814 | 60 19.59           | 16 25.93   | 2 40                            | 10 15                          | 17 40                         | 27.7 |          |
| 12 |    | 08 49 17.509  | +19 41 12.53    | 0.9494289 | 60 04.92           | 16 21.93   | 3 56                            | 11 14                          | 18 20                         | 28.7 |          |
| 13 | ●  | 09 45 25.425  | +14 05 08.40    | 0.9569491 | 59 36.58           | 16 14.21   | 5 10                            | 12 7                           | 18 53                         | 0.4  |          |
| 14 |    | 10 37 42.100  | +07 50 35.06    | 0.9676669 | 58 56.97           | 16 03.42   | 6 21                            | 12 57                          | 19 22                         | 1.4  |          |
| 15 | E  | 11 27 06.890  | +01 22 51.17    | 0.9807479 | 58 09.79           | 15 50.57   | 7 28                            | 13 43                          | 19 48                         | 2.4  |          |
| 16 |    | 12 14 48.766  | -04 57 22.75    | 0.9951211 | 57 19.38           | 15 36.84   | 8 33                            | 14 28                          | 20 14                         | 3.4  |          |
| 17 |    | 13 01 54.341  | -10 53 45.37    | 1.0096293 | 56 29.95           | 15 23.38   | 9 37                            | 15 13                          | 20 41                         | 4.4  |          |
| 18 |    | 13 49 21.843  | -16 13 09.63    | 1.0231691 | 55 45.09           | 15 11.16   | 10 39                           | 15 58                          | 21 10                         | 5.4  |          |
| 19 |    | 14 37 56.751  | -20 44 33.10    | 1.0347995 | 55 07.49           | 15 00.92   | 11 41                           | 16 44                          | 21 42                         | 6.4  |          |
| 20 | ●  | 15 28 06.748  | -24 18 10.10    | 1.0438111 | 54 38.93           | 14 53.14   | 12 42                           | 17 33                          | 22 19                         | 7.4  |          |
| 21 |    | 16 19 56.181  | -26 45 22.92    | 1.0497592 | 54 20.35           | 14 48.08   | 13 41                           | 18 23                          | 23 2                          | 8.4  |          |
| 22 | SA | 17 13 02.880  | -27 59 17.09    | 1.0524681 | 54 11.96           | 14 45.80   | 14 36                           | 19 14                          | 23 52                         | 9.4  |          |
| 23 |    | 18 06 41.667  | -27 55 46.37    | 1.0520138 | 54 13.36           | 14 46.18   | 15 26                           | 20 5                           | - -                           | 10.4 |          |
| 24 |    | 18 59 56.572  | -26 34 33.30    | 1.0486900 | 54 23.67           | 14 48.99   | 16 10                           | 20 56                          | 0 47                          | 11.4 |          |
| 25 |    | 19 51 57.882  | -23 59 29.26    | 1.0429613 | 54 41.60           | 14 53.87   | 16 48                           | 21 45                          | 1 46                          | 12.4 |          |
| 26 |    | 20 42 16.188  | -20 18 04.05    | 1.0354058 | 55 05.55           | 15 00.39   | 17 20                           | 22 32                          | 2 48                          | 13.4 |          |
| 27 |    | 21 30 48.050  | -15 40 26.66    | 1.0266507 | 55 33.74           | 15 08.07   | 17 49                           | 23 17                          | 3 50                          | 14.4 |          |
| 28 | ●  | 22 17 53.964  | -10 18 29.77    | 1.0173060 | 56 04.37           | 15 16.41   | 18 16                           | - -                            | 4 52                          | 15.4 |          |
| 29 |    | 23 04 12.802  | -04 25 17.68    | 1.0079048 | 56 35.75           | 15 24.96   | 18 41                           | 0 1                            | 5 54                          | 16.4 |          |
| 30 | E  | 23 50 36.251  | +01 44 58.94    | 0.9988596 | 57 06.50           | 15 33.34   | 19 6                            | 0 44                           | 6 57                          | 17.4 |          |
| 31 |    | 00 38 04.349  | +07 56 47.47    | 0.9904434 | 57 35.62           | 15 41.27   | 19 33                           | 1 29                           | 8 1                           | 18.4 |          |

● 朔, ● 上弦, ● 望, ● 下弦, S 最南, E 赤道通過, N 最北, P 最近, A 最遠

| 名称  | 中央標準時  | 名称   | 中央標準時   | 名称  | 中央標準時   | 距離    |
|-----|--|------|---|-----|---|-------|
| 下 弦 | 6 <sup>h</sup> 11 <sup>m</sup> 21 <sup>s</sup> | 赤道通過 | 2 <sup>h</sup> 20 <sup>m</sup> 6 <sup>s</sup> | 最 近 | 10 <sup>h</sup> 20 <sup>m</sup> 18 <sup>s</sup> | 0.945 |
| 朔   | 13 2 37  | 最 北  | 9 8 38  | 最 遠 | 22 17 21  | 1.053 |
| 上 弦 | 20 11 46                                       | 赤道通過 | 15 14 8                                       |     |   |       |
| 望   | 28 13 19                                       | 最 南  | 22 19 55                                      |     |   |       |
|     |  | 赤道通過 | 30 2 14                                       |     |   |       |

| 日  | 通日  | 真春分点にもとづく座標系  |                 |                         | 地球時 0 <sup>h</sup> |            |                                    | 世界時 0 <sup>h</sup>             | 東京, 中央標準時                                       |                                |  |
|----|-----|---|-----------------|-------------------------|--------------------|------------|------------------------------------|--------------------------------|---|--------------------------------|--|
|    |     | 視赤経   | 視赤緯             | 距離                      | 視差                 | 視半径        | 均時差                                | 出                              | 南中  | 入                              |  |
| 1  | 244 | 10 <sup>h</sup> 40 <sup>m</sup> 51.947 <sup>s</sup> | +08° 20' 52.61" | 1.0092966 <sup>au</sup> | 8.71"              | 15' 52.33" | -00 <sup>m</sup> 10.0 <sup>s</sup> | 5 <sup>h</sup> 13 <sup>m</sup> | 11 <sup>h</sup> 41 <sup>m</sup> 10 <sup>s</sup> | 18 <sup>h</sup> 9 <sup>m</sup> |  |
| 2  | 245 | 10 44 29.354  | +07 59 05.52    | 1.0090657               | 8.72               | 15 52.54   | +00 09.1                           | 5 13                           | 11 40 51  | 18 8                           |  |
| 3  | 246 | 10 48 06.494  | +07 37 10.57    | 1.0088328               | 8.72               | 15 52.76   | +00 28.6                           | 5 14                           | 11 40 31  | 18 6                           |  |
| 4  | 247 | 10 51 43.389  | +07 15 08.09    | 1.0085977               | 8.72               | 15 52.99   | +00 48.2                           | 5 15                           | 11 40 12  | 18 5                           |  |
| 5  | 248 | 10 55 20.055  | +06 52 58.38    | 1.0083603               | 8.72               | 15 53.21   | +01 08.1                           | 5 16                           | 11 39 52  | 18 3                           |  |
| 6  | 249 | 10 58 56.508  | +06 30 41.80    | 1.0081200               | 8.72               | 15 53.44   | +01 28.2                           | 5 16                           | 11 39 32  | 18 2                           |  |
| 7  | 250 | 11 02 32.763  | +06 08 18.67    | 1.0078768               | 8.73               | 15 53.67   | +01 48.5                           | 5 17                           | 11 39 11  | 18 1                           |  |
| 8  | 251 | 11 06 08.836  | +05 45 49.36    | 1.0076304               | 8.73               | 15 53.90   | +02 09.0                           | 5 18                           | 11 38 51  | 17 59                          |  |
| 9  | 252 | 11 09 44.739  | +05 23 14.22    | 1.0073805               | 8.73               | 15 54.14   | +02 29.7                           | 5 19                           | 11 38 30  | 17 58                          |  |
| 10 | 253 | 11 13 20.488  | +05 00 33.61    | 1.0071271               | 8.73               | 15 54.38   | +02 50.5                           | 5 19                           | 11 38 9   | 17 56                          |  |
| 11 | 254 | 11 16 56.098  | +04 37 47.86    | 1.0068701               | 8.73               | 15 54.62   | +03 11.4                           | 5 20                           | 11 37 48  | 17 55                          |  |
| 12 | 255 | 11 20 31.588  | +04 14 57.35    | 1.0066095               | 8.74               | 15 54.87   | +03 32.5                           | 5 21                           | 11 37 27  | 17 53                          |  |
| 13 | 256 | 11 24 06.973  | +03 52 02.41    | 1.0063456               | 8.74               | 15 55.12   | +03 53.6                           | 5 22                           | 11 37 6   | 17 52                          |  |
| 14 | 257 | 11 27 42.271  | +03 29 03.40    | 1.0060785               | 8.74               | 15 55.37   | +04 14.9                           | 5 22                           | 11 36 45  | 17 50                          |  |
| 15 | 258 | 11 31 17.501  | +03 06 00.67    | 1.0058084               | 8.74               | 15 55.63   | +04 36.2                           | 5 23                           | 11 36 24  | 17 49                          |  |
| 16 | 259 | 11 34 52.679  | +02 42 54.57    | 1.0055357               | 8.75               | 15 55.89   | +04 57.6                           | 5 24                           | 11 36 2   | 17 48                          |  |
| 17 | 260 | 11 38 27.824  | +02 19 45.44    | 1.0052606               | 8.75               | 15 56.15   | +05 19.0                           | 5 25                           | 11 35 41  | 17 46                          |  |
| 18 | 261 | 11 42 02.954  | +01 56 33.62    | 1.0049835               | 8.75               | 15 56.41   | +05 40.4                           | 5 25                           | 11 35 19  | 17 45                          |  |
| 19 | 262 | 11 45 38.087  | +01 33 19.47    | 1.0047046               | 8.75               | 15 56.68   | +06 01.8                           | 5 26                           | 11 34 58  | 17 43                          |  |
| 20 | 263 | 11 49 13.243  | +01 10 03.31    | 1.0044243               | 8.76               | 15 56.95   | +06 23.2                           | 5 27                           | 11 34 37  | 17 42                          |  |
| 21 | 264 | 11 52 48.442  | +00 46 45.49    | 1.0041429               | 8.76               | 15 57.21   | +06 44.6                           | 5 28                           | 11 34 15  | 17 40                          |  |
| 22 | 265 | 11 56 23.703  | +00 23 26.34    | 1.0038607               | 8.76               | 15 57.48   | +07 05.9                           | 5 29                           | 11 33 54  | 17 39                          |  |
| 23 | 266 | 11 59 59.047  | +00 00 06.19    | 1.0035781               | 8.76               | 15 57.75   | +07 27.1                           | 5 29                           | 11 33 33  | 17 37                          |  |
| 24 | 267 | 12 03 34.496  | -00 23 14.64    | 1.0032952               | 8.77               | 15 58.02   | +07 48.2                           | 5 30                           | 11 33 12  | 17 36                          |  |
| 25 | 268 | 12 07 10.072  | -00 46 35.84    | 1.0030123               | 8.77               | 15 58.29   | +08 09.2                           | 5 31                           | 11 32 51  | 17 34                          |  |
| 26 | 269 | 12 10 45.801  | -01 09 57.08    | 1.0027298               | 8.77               | 15 58.56   | +08 30.0                           | 5 32                           | 11 32 30  | 17 33                          |  |
| 27 | 270 | 12 14 21.707  | -01 33 18.06    | 1.0024478               | 8.77               | 15 58.83   | +08 50.6                           | 5 32                           | 11 32 9   | 17 31                          |  |
| 28 | 271 | 12 17 57.817  | -01 56 38.48    | 1.0021664               | 8.78               | 15 59.10   | +09 11.1                           | 5 33                           | 11 31 49  | 17 30                          |  |
| 29 | 272 | 12 21 34.155  | -02 19 58.04    | 1.0018857               | 8.78               | 15 59.37   | +09 31.3                           | 5 34                           | 11 31 29  | 17 28                          |  |
| 30 | 273 | 12 25 10.748  | -02 43 16.42    | 1.0016056               | 8.78               | 15 59.64   | +09 51.2                           | 5 35                           | 11 31 9   | 17 27                          |  |

黄 経・黄 緯

J2000.0 の平均黄道座標系 地球時 0<sup>h</sup>

| 日  | 黄経              | 黄緯     | 日  | 黄経              | 黄緯     | 日  | 黄経              | 黄緯     |
|----|-----------------|--------|----|-----------------|--------|----|-----------------|--------|
| 1  | 158° 13' 23.16" | -2.94" | 11 | 167° 55' 17.02" | -1.52" | 21 | 177° 40' 12.68" | +0.39" |
| 2  | 159 11 25.70    | -2.68  | 12 | 168 53 38.99    | -1.44  | 22 | 178 38 51.40    | +0.71  |
| 3  | 160 09 30.15    | -2.45  | 13 | 169 52 02.72    | -1.34  | 23 | 179 37 31.83    | +1.04  |
| 4  | 161 07 36.55    | -2.25  | 14 | 170 50 28.17    | -1.22  | 24 | 180 36 14.03    | +1.39  |
| 5  | 162 05 44.95    | -2.08  | 15 | 171 48 55.30    | -1.07  | 25 | 181 34 58.03    | +1.73  |
| 6  | 163 03 55.36    | -1.94  | 16 | 172 47 24.08    | -0.90  | 26 | 182 33 43.90    | +2.07  |
| 7  | 164 02 07.78    | -1.83  | 17 | 173 45 54.52    | -0.69  | 27 | 183 32 31.71    | +2.39  |
| 8  | 165 00 22.19    | -1.74  | 18 | 174 44 26.59    | -0.46  | 28 | 184 31 21.52    | +2.70  |
| 9  | 165 58 38.57    | -1.66  | 19 | 175 43 00.30    | -0.20  | 29 | 185 30 13.41    | +2.97  |
| 10 | 166 56 56.86    | -1.59  | 20 | 176 41 35.66    | +0.08  | 30 | 186 29 07.46    | +3.22  |

月

令和 8 年

9 月

2026

| 日  | 状況  | 真春分点にもとづく座標系  |                 |           | 地球時 0 <sup>h</sup> |            |                                | 東京, 中央標準時                      |                               |      | 正午<br>月齡 |
|----|-----|---|-----------------|-----------|--------------------|------------|--------------------------------|--------------------------------|-------------------------------|------|----------|
|    |     | 視赤経   | 視赤緯             | 距離        | 視差                 | 視半径        | 出                              | 南中                             | 入                             |      |          |
| 1  |     | 01 <sup>h</sup> 27 <sup>m</sup> 40.921 <sup>s</sup> | +13° 52' 45.19" | 0.9828025 | 58' 02.49"         | 15' 48.59" | 20 <sup>h</sup> 3 <sup>m</sup> | 2 <sup>h</sup> 15 <sup>m</sup> | 9 <sup>h</sup> 7 <sup>m</sup> | 19.4 |          |
| 2  |     | 02 20 26.059  | +19 13 12.75    | 0.9759976 | 58 26.77           | 15 55.20   | 20 38                          | 3 4                            | 10 16                         | 20.4 |          |
| 3  |     | 03 17 02.050  | +23 36 18.57    | 0.9700652 | 58 48.22           | 16 01.04   | 21 21                          | 3 58                           | 11 27                         | 21.4 |          |
| 4  | ☾   | 04 17 31.739  | +26 39 26.01    | 0.9650824 | 59 06.44           | 16 06.00   | 22 13                          | 4 56                           | 12 38                         | 22.4 |          |
| 5  | N   | 05 20 57.912  | +28 02 53.61    | 0.9612174 | 59 20.70           | 16 09.89   | 23 14                          | 5 58                           | 13 45                         | 23.4 |          |
| 6  |     | 06 25 24.511  | +27 35 18.05    | 0.9587464 | 59 29.88           | 16 12.39   | — —                            | 7 1                            | 14 45                         | 24.4 |          |
| 7  | P   | 07 28 33.931  | +25 17 49.94    | 0.9580288 | 59 32.55           | 16 13.12   | 0 24                           | 8 3                            | 15 35                         | 25.4 |          |
| 8  |     | 08 28 40.328  | +21 24 11.65    | 0.9594396 | 59 27.30           | 16 11.69   | 1 37                           | 9 2                            | 16 16                         | 26.4 |          |
| 9  |     | 09 24 59.920  | +16 16 23.73    | 0.9632725 | 59 13.10           | 16 07.82   | 2 50                           | 9 56                           | 16 51                         | 27.4 |          |
| 10 |     | 10 17 45.860  | +10 19 27.30    | 0.9696400 | 58 49.77           | 16 01.46   | 4 1                            | 10 46                          | 17 21                         | 28.4 |          |
| 11 | ☉E  | 11 07 45.866  | +03 57 36.69    | 0.9783977 | 58 18.17           | 15 52.86   | 5 9                            | 11 33                          | 17 48                         | 29.4 |          |
| 12 |     | 11 56 01.568  | −02 27 29.37    | 0.9891172 | 57 40.26           | 15 42.53   | 6 15                           | 12 19                          | 18 14                         | 1.0  |          |
| 13 |     | 12 43 35.554  | −08 37 15.34    | 1.0011157 | 56 58.78           | 15 31.23   | 7 19                           | 13 4                           | 18 40                         | 2.0  |          |
| 14 |     | 13 31 24.099  | −14 15 54.62    | 1.0135306 | 56 16.90           | 15 19.83   | 8 23                           | 13 49                          | 19 9                          | 3.0  |          |
| 15 |     | 14 20 12.049  | −19 10 00.79    | 1.0254201 | 55 37.74           | 15 09.16   | 9 26                           | 14 36                          | 19 40                         | 4.0  |          |
| 16 |     | 15 10 27.610  | −23 08 03.90    | 1.0358682 | 55 04.07           | 14 59.99   | 10 29                          | 15 24                          | 20 15                         | 5.0  |          |
| 17 |     | 16 02 16.978  | −26 00 27.52    | 1.0440748 | 54 38.10           | 14 52.92   | 11 29                          | 16 14                          | 20 56                         | 6.0  |          |
| 18 |     | 16 55 21.208  | −27 39 54.00    | 1.0494251 | 54 21.39           | 14 48.37   | 12 27                          | 17 5                           | 21 43                         | 7.0  |          |
| 19 | ☾SA | 17 48 59.164  | −28 02 08.94    | 1.0515361 | 54 14.84           | 14 46.58   | 13 19                          | 17 57                          | 22 36                         | 8.0  |          |
| 20 |     | 18 42 18.484  | −27 06 39.04    | 1.0502800 | 54 18.73           | 14 47.64   | 14 5                           | 18 48                          | 23 34                         | 9.0  |          |
| 21 |     | 19 34 31.409  | −24 56 35.92    | 1.0457900 | 54 32.72           | 14 51.45   | 14 45                          | 19 37                          | — —                           | 10.0 |          |
| 22 |     | 20 25 08.406  | −21 38 20.78    | 1.0384469 | 54 55.87           | 14 57.76   | 15 19                          | 20 24                          | 0 34                          | 11.0 |          |
| 23 |     | 21 14 04.361  | −17 20 31.14    | 1.0288484 | 55 26.62           | 15 06.13   | 15 49                          | 21 10                          | 1 36                          | 12.0 |          |
| 24 |     | 22 01 37.440  | −12 13 19.83    | 1.0177588 | 56 02.87           | 15 16.01   | 16 17                          | 21 54                          | 2 38                          | 13.0 |          |
| 25 |     | 22 48 24.215  | −06 28 22.86    | 1.0060393 | 56 42.05           | 15 26.68   | 16 43                          | 22 38                          | 3 40                          | 14.0 |          |
| 26 | E   | 23 35 14.422  | −00 18 55.65    | 0.9945616 | 57 21.31           | 15 37.37   | 17 8                           | 23 23                          | 4 43                          | 15.0 |          |
| 27 | ☉   | 00 23 06.506  | +05 59 34.07    | 0.9841137 | 57 57.85           | 15 47.32   | 17 35                          | — —                            | 5 48                          | 16.0 |          |
| 28 |     | 01 13 02.953  | +12 08 52.58    | 0.9753134 | 58 29.23           | 15 55.87   | 18 5                           | 0 10                           | 6 55                          | 17.0 |          |
| 29 |     | 02 06 02.636  | +17 47 45.11    | 0.9685475 | 58 53.75           | 16 02.55   | 18 39                          | 0 59                           | 8 5                           | 18.0 |          |
| 30 |     | 03 02 46.753  | +22 32 28.78    | 0.9639540 | 59 10.59           | 16 07.13   | 19 20                          | 1 53                           | 9 17                          | 19.0 |          |

● 朔, ☾ 上弦, ☉ 望, ☽ 下弦, S 最南, E 赤道通過, N 最北, P 最近, A 最遠

| 名称  | 中央標準時  | 名称   | 中央標準時   | 名称  | 中央標準時   | 距離    |
|-----|--|------|---|-----|---|-------|
| 下 弦 | 4 <sup>h</sup> 16 <sup>m</sup> 51 <sup>s</sup> | 最 北  | 5 <sup>h</sup> 15 <sup>m</sup> 8 <sup>s</sup> | 最 近 | 7 <sup>h</sup> 5 <sup>m</sup> 43 <sup>s</sup> | 0.958 |
| 朔   | 11 12 27                                       | 赤道通過 | 11 23 44                                      | 最 遠 | 19 12 0                                       | 1.052 |
| 上 弦 | 19 5 44  | 最 南  | 19 3 48                                       |     |   |       |
| 望   | 27 1 49  | 赤道通過 | 26 10 11                                      |     |   |       |

| 日  | 通日  | 真春分点にもとづく座標系  |                 |                         | 地球時 0 <sup>h</sup> |            |                                    | 世界時 0 <sup>h</sup>             |   | 東京, 中央標準時                       |  |  |
|----|-----|---|-----------------|-------------------------|--------------------|------------|------------------------------------|--------------------------------|---|---------------------------------|--|--|
|    |     | 視赤経   | 視赤緯             | 距離                      | 視差                 | 視半径        | 均時差                                | 出                              | 南中  | 入                               |  |  |
| 1  | 274 | 12 <sup>h</sup> 28 <sup>m</sup> 47.621 <sup>s</sup> | -03° 06' 33.30" | 1.0013261 <sup>au</sup> | 8.78"              | 15' 59.91" | +10 <sup>m</sup> 10.9 <sup>s</sup> | 5 <sup>h</sup> 35 <sup>m</sup> | 11 <sup>h</sup> 30 <sup>m</sup> 49 <sup>s</sup> | 17 <sup>h</sup> 26 <sup>m</sup> |  |  |
| 2  | 275 | 12 32 24.794  | -03 29 48.35    | 1.0010469               | 8.78               | 16 00.17   | +10 30.3                           | 5 36                           | 11 30 30  | 17 24                           |  |  |
| 3  | 276 | 12 36 02.290  | -03 53 01.21    | 1.0007678               | 8.79               | 16 00.44   | +10 49.4                           | 5 37                           | 11 30 11  | 17 23                           |  |  |
| 4  | 277 | 12 39 40.128  | -04 16 11.53    | 1.0004887               | 8.79               | 16 00.71   | +11 08.1                           | 5 38                           | 11 29 52  | 17 21                           |  |  |
| 5  | 278 | 12 43 18.325  | -04 39 18.92    | 1.0002091               | 8.79               | 16 00.98   | +11 26.5                           | 5 39                           | 11 29 34  | 17 20                           |  |  |
| 6  | 279 | 12 46 56.901  | -05 02 23.01    | 0.9999289               | 8.79               | 16 01.25   | +11 44.4                           | 5 39                           | 11 29 16  | 17 19                           |  |  |
| 7  | 280 | 12 50 35.872  | -05 25 23.41    | 0.9996479               | 8.80               | 16 01.52   | +12 02.0                           | 5 40                           | 11 28 58  | 17 17                           |  |  |
| 8  | 281 | 12 54 15.258  | -05 48 19.72    | 0.9993658               | 8.80               | 16 01.79   | +12 19.2                           | 5 41                           | 11 28 41  | 17 16                           |  |  |
| 9  | 282 | 12 57 55.075  | -06 11 11.57    | 0.9990826               | 8.80               | 16 02.06   | +12 35.9                           | 5 42                           | 11 28 24  | 17 14                           |  |  |
| 10 | 283 | 13 01 35.341  | -06 33 58.57    | 0.9987983               | 8.80               | 16 02.34   | +12 52.2                           | 5 43                           | 11 28 8   | 17 13                           |  |  |
| 11 | 284 | 13 05 16.075  | -06 56 40.32    | 0.9985129               | 8.81               | 16 02.61   | +13 08.0                           | 5 44                           | 11 27 52  | 17 12                           |  |  |
| 12 | 285 | 13 08 57.290  | -07 19 16.43    | 0.9982265               | 8.81               | 16 02.89   | +13 23.3                           | 5 44                           | 11 27 37  | 17 10                           |  |  |
| 13 | 286 | 13 12 39.005  | -07 41 46.51    | 0.9979393               | 8.81               | 16 03.16   | +13 38.2                           | 5 45                           | 11 27 22  | 17 9                            |  |  |
| 14 | 287 | 13 16 21.234  | -08 04 10.18    | 0.9976514               | 8.81               | 16 03.44   | +13 52.5                           | 5 46                           | 11 27 8   | 17 8                            |  |  |
| 15 | 288 | 13 20 03.991  | -08 26 27.02    | 0.9973632               | 8.82               | 16 03.72   | +14 06.3                           | 5 47                           | 11 26 54  | 17 6                            |  |  |
| 16 | 289 | 13 23 47.292  | -08 48 36.66    | 0.9970749               | 8.82               | 16 04.00   | +14 19.6                           | 5 48                           | 11 26 41  | 17 5                            |  |  |
| 17 | 290 | 13 27 31.152  | -09 10 38.69    | 0.9967867               | 8.82               | 16 04.28   | +14 32.3                           | 5 49                           | 11 26 29  | 17 4                            |  |  |
| 18 | 291 | 13 31 15.586  | -09 32 32.73    | 0.9964991               | 8.83               | 16 04.56   | +14 44.4                           | 5 50                           | 11 26 16  | 17 2                            |  |  |
| 19 | 292 | 13 35 00.608  | -09 54 18.39    | 0.9962122               | 8.83               | 16 04.83   | +14 55.9                           | 5 50                           | 11 26 5   | 17 1                            |  |  |
| 20 | 293 | 13 38 46.235  | -10 15 55.27    | 0.9959264               | 8.83               | 16 05.11   | +15 06.9                           | 5 51                           | 11 25 54  | 17 0                            |  |  |
| 21 | 294 | 13 42 32.482  | -10 37 23.00    | 0.9956421               | 8.83               | 16 05.39   | +15 17.2                           | 5 52                           | 11 25 44  | 16 59                           |  |  |
| 22 | 295 | 13 46 19.366  | -10 58 41.19    | 0.9953595               | 8.84               | 16 05.66   | +15 26.8                           | 5 53                           | 11 25 34  | 16 57                           |  |  |
| 23 | 296 | 13 50 06.904  | -11 19 49.46    | 0.9950790               | 8.84               | 16 05.93   | +15 35.8                           | 5 54                           | 11 25 25  | 16 56                           |  |  |
| 24 | 297 | 13 53 55.113  | -11 40 47.45    | 0.9948010               | 8.84               | 16 06.20   | +15 44.2                           | 5 55                           | 11 25 17  | 16 55                           |  |  |
| 25 | 298 | 13 57 44.014  | -12 01 34.78    | 0.9945256               | 8.84               | 16 06.47   | +15 51.8                           | 5 56                           | 11 25 10  | 16 54                           |  |  |
| 26 | 299 | 14 01 33.625  | -12 22 11.11    | 0.9942533               | 8.84               | 16 06.74   | +15 58.8                           | 5 57                           | 11 25 3   | 16 53                           |  |  |
| 27 | 300 | 14 05 23.965  | -12 42 36.06    | 0.9939840               | 8.85               | 16 07.00   | +16 05.0                           | 5 58                           | 11 24 57  | 16 52                           |  |  |
| 28 | 301 | 14 09 15.054  | -13 02 49.29    | 0.9937180               | 8.85               | 16 07.26   | +16 10.4                           | 5 59                           | 11 24 51  | 16 51                           |  |  |
| 29 | 302 | 14 13 06.907  | -13 22 50.42    | 0.9934551               | 8.85               | 16 07.51   | +16 15.2                           | 6 0                            | 11 24 46  | 16 49                           |  |  |
| 30 | 303 | 14 16 59.538  | -13 42 39.07    | 0.9931954               | 8.85               | 16 07.77   | +16 19.1                           | 6 1                            | 11 24 43  | 16 48                           |  |  |
| 31 | 304 | 14 20 52.961  | -14 02 14.83    | 0.9929385               | 8.86               | 16 08.02   | +16 22.2                           | 6 1                            | 11 24 40  | 16 47                           |  |  |

黄 経・黄 緯

J2000.0 の平均黄道座標系 地球時 0<sup>h</sup>

| 日  | 黄経              | 黄緯     | 日  | 黄経              | 黄緯     | 日  | 黄経              | 黄緯     |
|----|-----------------|--------|----|-----------------|--------|----|-----------------|--------|
| 1  | 187° 28' 03.72" | +3.44" | 11 | 197° 19' 32.50" | +4.48" | 21 | 207° 14' 24.29" | +6.84" |
| 2  | 188 27 02.27    | +3.62  | 12 | 198 18 53.34    | +4.61  | 22 | 208 14 03.23    | +7.15  |
| 3  | 189 26 03.13    | +3.77  | 13 | 199 18 16.14    | +4.76  | 23 | 209 13 43.92    | +7.46  |
| 4  | 190 25 06.32    | +3.89  | 14 | 200 17 40.84    | +4.94  | 24 | 210 13 26.41    | +7.75  |
| 5  | 191 24 11.86    | +3.98  | 15 | 201 17 07.41    | +5.15  | 25 | 211 13 10.72    | +8.03  |
| 6  | 192 23 19.73    | +4.06  | 16 | 202 16 35.80    | +5.38  | 26 | 212 12 56.91    | +8.28  |
| 7  | 193 22 29.89    | +4.13  | 17 | 203 16 05.99    | +5.64  | 27 | 213 12 45.03    | +8.50  |
| 8  | 194 21 42.30    | +4.20  | 18 | 204 15 37.94    | +5.92  | 28 | 214 12 35.17    | +8.68  |
| 9  | 195 20 56.92    | +4.28  | 19 | 205 15 11.65    | +6.22  | 29 | 215 12 27.37    | +8.83  |
| 10 | 196 20 13.67    | +4.37  | 20 | 206 14 47.10    | +6.52  | 30 | 216 12 21.70    | +8.95  |
|    |                 |        |    |                 |        | 31 | 217 12 18.20    | +9.03  |



月

令和 8 年

10月

2026

| 日  | 状況 | 真春分点にもとづく座標系  |                 |           | 地球時 0 <sup>h</sup> |            |                                | 東京, 中央標準時                      |                                 |      | 正午<br>月齢 |
|----|----|---|-----------------|-----------|--------------------|------------|--------------------------------|--------------------------------|---------------------------------|------|----------|
|    |    | 視赤経   | 視赤緯             | 距離        | 視差                 | 視半径        | 出                              | 南中                             | 入                               |      |          |
| 1  |    | 04 <sup>h</sup> 03 <sup>m</sup> 17.473 <sup>s</sup> | +25° 58' 56.01" | 0.9614535 | 59' 19.83"         | 16' 09.65" | 20 <sup>h</sup> 9 <sup>m</sup> | 2 <sup>h</sup> 51 <sup>m</sup> | 10 <sup>h</sup> 29 <sup>m</sup> | 20.0 |          |
| 2  | NP | 05 06 37.845  | +27 46 39.99    | 0.9608210 | 59 22.17           | 16 10.29   | 21 8                           | 3 52                           | 11 38                           | 21.0 |          |
| 3  | ●  | 06 10 53.280  | +27 44 13.00    | 0.9617777 | 59 18.63           | 16 09.32   | 22 15                          | 4 55                           | 12 40                           | 22.0 |          |
| 4  |    | 07 13 48.234  | +25 52 45.83    | 0.9640762 | 59 10.14           | 16 07.01   | 23 26                          | 5 57                           | 13 32                           | 23.0 |          |
| 5  |    | 08 13 38.393  | +22 25 22.66    | 0.9675570 | 58 57.37           | 16 03.53   | — —                            | 6 55                           | 14 15                           | 24.0 |          |
| 6  |    | 09 09 40.440  | +17 42 28.66    | 0.9721631 | 58 40.61           | 15 58.97   | 0 38                           | 7 50                           | 14 51                           | 25.0 |          |
| 7  |    | 10 02 07.291  | +12 06 47.96    | 0.9779125 | 58 19.91           | 15 53.33   | 1 48                           | 8 40                           | 15 22                           | 26.0 |          |
| 8  |    | 10 51 46.352  | +06 00 13.73    | 0.9848392 | 57 55.29           | 15 46.62   | 2 55                           | 9 27                           | 15 49                           | 27.0 |          |
| 9  | E  | 11 39 39.312  | −00 17 21.00    | 0.9929204 | 57 27.00           | 15 38.92   | 4 0                            | 10 12                          | 16 15                           | 28.0 |          |
| 10 |    | 12 26 49.418  | −06 28 04.63    | 1.0020116 | 56 55.72           | 15 30.40   | 5 4                            | 10 57                          | 16 41                           | 29.0 |          |
| 11 | ●  | 13 14 14.288  | −12 15 46.84    | 1.0118063 | 56 22.65           | 15 21.39   | 6 7                            | 11 42                          | 17 9                            | 0.5  |          |
| 12 |    | 14 02 40.755  | −17 25 42.43    | 1.0218311 | 55 49.47           | 15 12.36   | 7 11                           | 12 28                          | 17 38                           | 1.5  |          |
| 13 |    | 14 52 39.387  | −21 44 31.41    | 1.0314747 | 55 18.15           | 15 03.83   | 8 14                           | 13 16                          | 18 12                           | 2.5  |          |
| 14 |    | 15 44 18.484  | −25 00 42.58    | 1.0400445 | 54 50.80           | 14 56.38   | 9 16                           | 14 5                           | 18 51                           | 3.5  |          |
| 15 |    | 16 37 20.014  | −27 05 21.30    | 1.0468367 | 54 29.45           | 14 50.56   | 10 15                          | 14 57                          | 19 36                           | 4.5  |          |
| 16 | S  | 17 31 01.740  | −27 53 08.36    | 1.0512109 | 54 15.85           | 14 46.86   | 11 10                          | 15 48                          | 20 27                           | 5.5  |          |
| 17 | A  | 18 24 28.197  | −27 23 00.26    | 1.0526574 | 54 11.37           | 14 45.64   | 11 58                          | 16 39                          | 21 22                           | 6.5  |          |
| 18 |    | 19 16 47.543  | −25 38 02.19    | 1.0508548 | 54 16.95           | 14 47.16   | 12 40                          | 17 29                          | 22 21                           | 7.5  |          |
| 19 | ●  | 20 07 26.600  | −22 44 31.11    | 1.0457138 | 54 32.96           | 14 51.52   | 13 16                          | 18 16                          | 23 22                           | 8.5  |          |
| 20 |    | 20 56 17.947  | −18 50 38.70    | 1.0374059 | 54 59.18           | 14 58.66   | 13 48                          | 19 2                           | — —                             | 9.5  |          |
| 21 |    | 21 43 38.871  | −14 05 32.86    | 1.0263751 | 55 34.64           | 15 08.32   | 14 16                          | 19 46                          | 0 23                            | 10.5 |          |
| 22 |    | 22 30 06.213  | −08 39 00.88    | 1.0133275 | 56 17.58           | 15 20.01   | 14 42                          | 20 30                          | 1 24                            | 11.5 |          |
| 23 | E  | 23 16 30.941  | −02 41 56.50    | 0.9991939 | 57 05.36           | 15 33.02   | 15 8                           | 21 14                          | 2 26                            | 12.5 |          |
| 24 |    | 00 03 53.962  | +03 32 40.30    | 0.9850588 | 57 54.51           | 15 46.41   | 15 34                          | 22 0                           | 3 29                            | 13.5 |          |
| 25 |    | 00 53 22.234  | +09 48 28.90    | 0.9720527 | 58 41.01           | 15 59.08   | 16 3                           | 22 48                          | 4 35                            | 14.5 |          |
| 26 | ●  | 01 46 02.221  | +15 44 46.07    | 0.9612181 | 59 20.70           | 16 09.89   | 16 36                          | 23 41                          | 5 45                            | 15.5 |          |
| 27 |    | 02 42 46.246  | +20 56 20.07    | 0.9533670 | 59 50.02           | 16 17.87   | 17 15                          | — —                            | 6 58                            | 16.5 |          |
| 28 |    | 03 43 48.697  | +24 55 25.03    | 0.9489671 | 60 06.67           | 16 22.41   | 18 2                           | 0 39                           | 8 13                            | 17.5 |          |
| 29 | P  | 04 48 18.713  | +27 16 33.23    | 0.9480885 | 60 10.01           | 16 23.32   | 19 0                           | 1 41                           | 9 26                            | 18.5 |          |
| 30 | N  | 05 54 13.267  | +27 43 42.31    | 0.9504318 | 60 01.11           | 16 20.89   | 20 6                           | 2 46                           | 10 32                           | 19.5 |          |
| 31 |    | 06 58 54.433  | +26 15 50.51    | 0.9554283 | 59 42.28           | 16 15.76   | 21 17                          | 3 50                           | 11 28                           | 20.5 |          |

● 朔, ● 上弦, ● 望, ● 下弦, S 最南, E 赤道通過, N 最北, P 最近, A 最遠

| 名称  | 中央標準時  | 名称   | 中央標準時  | 名称  | 中央標準時   | 距離    |
|-----|--|------|--|-----|---|-------|
| 下 弦 | 3 <sup>h</sup> 22 <sup>m</sup> 25 <sup>s</sup> | 最 北  | 2 <sup>h</sup> 20 <sup>m</sup> 27 <sup>s</sup> | 最 近 | 2 <sup>h</sup> 5 <sup>m</sup> 52 <sup>s</sup> | 0.961 |
| 朔   | 11 0 50  | 赤道通過 | 9 7 53   | 最 遠 | 17 7 56                                       | 1.053 |
| 上 弦 | 19 1 13  | 最 南  | 16 11 38                                       | 最 近 | 29 3 6  | 0.948 |
| 望   | 26 13 12                                       | 赤道通過 | 23 19 26                                       |     |   |       |
|     |  | 最 北  | 30 2 31  |     |   |       |

| 日  | 通日  | 真春分点にもとづく座標系  |                 |                         | 地球時 0 <sup>h</sup> |            |                                    | 世界時 0 <sup>h</sup>            |   | 東京, 中央標準時                       |  |  |
|----|-----|---|-----------------|-------------------------|--------------------|------------|------------------------------------|-------------------------------|---|---------------------------------|--|--|
|    |     | 視赤経   | 視赤緯             | 距離                      | 視差                 | 視半径        | 均時差                                | 出                             | 南中  | 入                               |  |  |
| 1  | 305 | 14 <sup>h</sup> 24 <sup>m</sup> 47.185 <sup>s</sup> | -14° 21' 37.30" | 0.9926843 <sup>au</sup> | 8.86"              | 16' 08.26" | +16 <sup>m</sup> 24.6 <sup>s</sup> | 6 <sup>h</sup> 2 <sup>m</sup> | 11 <sup>h</sup> 24 <sup>m</sup> 37 <sup>s</sup> | 16 <sup>h</sup> 46 <sup>m</sup> |  |  |
| 2  | 306 | 14 28 42.221  | -14 40 46.04    | 0.9924325               | 8.86               | 16 08.51   | +16 26.1                           | 6 3                           | 11 24 36  | 16 45                           |  |  |
| 3  | 307 | 14 32 38.079  | -14 59 40.65    | 0.9921828               | 8.86               | 16 08.75   | +16 26.8                           | 6 4                           | 11 24 35  | 16 44                           |  |  |
| 4  | 308 | 14 36 34.766  | -15 18 20.68    | 0.9919350               | 8.87               | 16 08.99   | +16 26.6                           | 6 5                           | 11 24 35  | 16 43                           |  |  |
| 5  | 309 | 14 40 32.289  | -15 36 45.72    | 0.9916889               | 8.87               | 16 09.24   | +16 25.7                           | 6 6                           | 11 24 37  | 16 42                           |  |  |
| 6  | 310 | 14 44 30.655  | -15 54 55.35    | 0.9914444               | 8.87               | 16 09.47   | +16 23.9                           | 6 7                           | 11 24 38  | 16 42                           |  |  |
| 7  | 311 | 14 48 29.869  | -16 12 49.14    | 0.9912013               | 8.87               | 16 09.71   | +16 21.2                           | 6 8                           | 11 24 41  | 16 41                           |  |  |
| 8  | 312 | 14 52 29.933  | -16 30 26.67    | 0.9909595               | 8.87               | 16 09.95   | +16 17.7                           | 6 9                           | 11 24 45  | 16 40                           |  |  |
| 9  | 313 | 14 56 30.848  | -16 47 47.54    | 0.9907192               | 8.88               | 16 10.18   | +16 13.3                           | 6 10                          | 11 24 49  | 16 39                           |  |  |
| 10 | 314 | 15 00 32.613  | -17 04 51.32    | 0.9904803               | 8.88               | 16 10.42   | +16 08.1                           | 6 11                          | 11 24 55  | 16 38                           |  |  |
| 11 | 315 | 15 04 35.228  | -17 21 37.61    | 0.9902429               | 8.88               | 16 10.65   | +16 02.1                           | 6 12                          | 11 25 1   | 16 37                           |  |  |
| 12 | 316 | 15 08 38.689  | -17 38 05.98    | 0.9900073               | 8.88               | 16 10.88   | +15 55.2                           | 6 13                          | 11 25 8   | 16 37                           |  |  |
| 13 | 317 | 15 12 42.992  | -17 54 16.04    | 0.9897736               | 8.89               | 16 11.11   | +15 47.4                           | 6 14                          | 11 25 15  | 16 36                           |  |  |
| 14 | 318 | 15 16 48.133  | -18 10 07.37    | 0.9895419               | 8.89               | 16 11.34   | +15 38.8                           | 6 15                          | 11 25 24  | 16 35                           |  |  |
| 15 | 319 | 15 20 54.106  | -18 25 39.58    | 0.9893126               | 8.89               | 16 11.56   | +15 29.4                           | 6 16                          | 11 25 34  | 16 35                           |  |  |
| 16 | 320 | 15 25 00.907  | -18 40 52.28    | 0.9890859               | 8.89               | 16 11.79   | +15 19.2                           | 6 17                          | 11 25 44  | 16 34                           |  |  |
| 17 | 321 | 15 29 08.529  | -18 55 45.07    | 0.9888621               | 8.89               | 16 12.01   | +15 08.1                           | 6 18                          | 11 25 55  | 16 33                           |  |  |
| 18 | 322 | 15 33 16.966  | -19 10 17.57    | 0.9886414               | 8.90               | 16 12.22   | +14 56.2                           | 6 19                          | 11 26 7   | 16 33                           |  |  |
| 19 | 323 | 15 37 26.212  | -19 24 29.42    | 0.9884243               | 8.90               | 16 12.44   | +14 43.5                           | 6 20                          | 11 26 20  | 16 32                           |  |  |
| 20 | 324 | 15 41 36.261  | -19 38 20.24    | 0.9882110               | 8.90               | 16 12.65   | +14 30.0                           | 6 21                          | 11 26 33  | 16 32                           |  |  |
| 21 | 325 | 15 45 47.107  | -19 51 49.67    | 0.9880019               | 8.90               | 16 12.85   | +14 15.7                           | 6 22                          | 11 26 48  | 16 31                           |  |  |
| 22 | 326 | 15 49 58.744  | -20 04 57.39    | 0.9877973               | 8.90               | 16 13.05   | +14 00.6                           | 6 23                          | 11 27 3   | 16 31                           |  |  |
| 23 | 327 | 15 54 11.168  | -20 17 43.05    | 0.9875975               | 8.90               | 16 13.25   | +13 44.8                           | 6 24                          | 11 27 19  | 16 30                           |  |  |
| 24 | 328 | 15 58 24.371  | -20 30 06.35    | 0.9874029               | 8.91               | 16 13.44   | +13 28.1                           | 6 25                          | 11 27 36  | 16 30                           |  |  |
| 25 | 329 | 16 02 38.346  | -20 42 06.96    | 0.9872136               | 8.91               | 16 13.63   | +13 10.7                           | 6 26                          | 11 27 53  | 16 29                           |  |  |
| 26 | 330 | 16 06 53.084  | -20 53 44.57    | 0.9870297               | 8.91               | 16 13.81   | +12 52.6                           | 6 27                          | 11 28 11  | 16 29                           |  |  |
| 27 | 331 | 16 11 08.572  | -21 04 58.87    | 0.9868511               | 8.91               | 16 13.99   | +12 33.6                           | 6 28                          | 11 28 30  | 16 29                           |  |  |
| 28 | 332 | 16 15 24.798  | -21 15 49.52    | 0.9866779               | 8.91               | 16 14.16   | +12 14.0                           | 6 29                          | 11 28 50  | 16 29                           |  |  |
| 29 | 333 | 16 19 41.746  | -21 26 16.19    | 0.9865097               | 8.91               | 16 14.32   | +11 53.6                           | 6 30                          | 11 29 11  | 16 28                           |  |  |
| 30 | 334 | 16 23 59.400  | -21 36 18.56    | 0.9863464               | 8.92               | 16 14.49   | +11 32.5                           | 6 31                          | 11 29 32  | 16 28                           |  |  |

黄 経・黄 緯

J2000.0 の平均黄道座標系 地球時 0<sup>h</sup>

| 日  | 黄経              | 黄緯     | 日  | 黄経              | 黄緯     | 日  | 黄経              | 黄緯      |
|----|-----------------|--------|----|-----------------|--------|----|-----------------|---------|
| 1  | 218° 12' 16.89" | +9.09" | 11 | 228° 13' 58.06" | +9.74" | 21 | 238° 18' 24.48" | +11.92" |
| 2  | 219 12 17.77    | +9.13  | 12 | 229 14 18.28    | +9.91  | 22 | 239 18 58.32    | +12.10  |
| 3  | 220 12 20.84    | +9.16  | 13 | 230 14 40.07    | +10.10 | 23 | 240 19 33.44    | +12.24  |
| 4  | 221 12 26.07    | +9.18  | 14 | 231 15 03.35    | +10.32 | 24 | 241 20 09.87    | +12.35  |
| 5  | 222 12 33.40    | +9.21  | 15 | 232 15 28.08    | +10.54 | 25 | 242 20 47.66    | +12.43  |
| 6  | 223 12 42.78    | +9.25  | 16 | 233 15 54.21    | +10.78 | 26 | 243 21 26.86    | +12.46  |
| 7  | 224 12 54.15    | +9.30  | 17 | 234 16 21.68    | +11.02 | 27 | 244 22 07.53    | +12.46  |
| 8  | 225 13 07.44    | +9.38  | 18 | 235 16 50.48    | +11.26 | 28 | 245 22 49.71    | +12.43  |
| 9  | 226 13 22.57    | +9.47  | 19 | 236 17 20.55    | +11.50 | 29 | 246 23 33.44    | +12.39  |
| 10 | 227 13 39.47    | +9.60  | 20 | 237 17 51.89    | +11.72 | 30 | 247 24 18.72    | +12.32  |

月

令和 8 年

11月

2026

| 日  | 状況 | 真春分点にもとづく座標系  |                 |           | 地球時 0 <sup>h</sup> |            |                                 | 東京, 中央標準時                      |                                 |      | 正午<br>月齢 |
|----|----|---|-----------------|-----------|--------------------|------------|---------------------------------|--------------------------------|---------------------------------|------|----------|
|    |    | 視赤経   | 視赤緯             | 距離        | 視差                 | 視半径        | 出                               | 南中                             | 入                               |      |          |
| 1  |    | 08 <sup>h</sup> 00 <sup>m</sup> 13.950 <sup>s</sup> | +23° 06' 37.94" | 0.9623796 | 59' 16.40"         | 16' 08.72" | 22 <sup>h</sup> 30 <sup>m</sup> | 4 <sup>h</sup> 50 <sup>m</sup> | 12 <sup>h</sup> 15 <sup>m</sup> | 21.5 |          |
| 2  | ●  | 08 57 14.690  | +18 38 30.85    | 0.9705957 | 58 46.29           | 16 00.52   | 23 40                           | 5 46                           | 12 53                           | 22.5 |          |
| 3  |    | 09 50 07.263  | +13 15 51.86    | 0.9794976 | 58 14.24           | 15 51.79   | — —                             | 6 37                           | 13 24                           | 23.5 |          |
| 4  |    | 10 39 43.337  | +07 20 54.93    | 0.9886678 | 57 41.83           | 15 42.96   | 0 47                            | 7 25                           | 13 52                           | 24.5 |          |
| 5  | E  | 11 27 10.899  | +01 12 40.21    | 0.9978499 | 57 09.97           | 15 34.28   | 1 52                            | 8 10                           | 14 19                           | 25.5 |          |
| 6  |    | 12 13 39.534  | −04 52 32.21    | 1.0069094 | 56 39.11           | 15 25.88   | 2 54                            | 8 54                           | 14 44                           | 26.5 |          |
| 7  |    | 13 00 13.059  | −10 40 01.07    | 1.0157706 | 56 09.45           | 15 17.80   | 3 57                            | 9 38                           | 15 10                           | 27.5 |          |
| 8  |    | 13 47 44.891  | −15 55 54.61    | 1.0243503 | 55 41.23           | 15 10.11   | 4 59                            | 10 23                          | 15 39                           | 28.5 |          |
| 9  | ●  | 14 36 52.925  | −20 26 51.37    | 1.0325014 | 55 14.85           | 15 02.93   | 6 2                             | 11 9                           | 16 11                           | 29.5 |          |
| 10 |    | 15 27 53.009  | −24 00 20.92    | 1.0399786 | 54 51.01           | 14 56.43   | 7 4                             | 11 58                          | 16 48                           | 0.8  |          |
| 11 |    | 16 20 32.983  | −26 25 45.96    | 1.0464313 | 54 30.72           | 14 50.91   | 8 4                             | 12 49                          | 17 31                           | 1.8  |          |
| 12 | S  | 17 14 12.109  | −27 35 50.91    | 1.0514231 | 54 15.19           | 14 46.68   | 9 1                             | 13 40                          | 18 20                           | 2.8  |          |
| 13 |    | 18 07 50.396  | −27 27 58.56    | 1.0544727 | 54 05.77           | 14 44.11   | 9 52                            | 14 32                          | 19 14                           | 3.8  |          |
| 14 | A  | 19 00 26.655  | −26 04 29.45    | 1.0551103 | 54 03.81           | 14 43.58   | 10 36                           | 15 22                          | 20 11                           | 4.8  |          |
| 15 |    | 19 51 17.039  | −23 31 46.34    | 1.0529404 | 54 10.50           | 14 45.40   | 11 14                           | 16 10                          | 21 10                           | 5.8  |          |
| 16 |    | 20 40 05.408  | −19 58 33.32    | 1.0477054 | 54 26.74           | 14 49.82   | 11 47                           | 16 55                          | 22 10                           | 6.8  |          |
| 17 | ●  | 21 27 03.602  | −15 34 21.49    | 1.0393450 | 54 53.02           | 14 56.98   | 12 15                           | 17 39                          | 23 10                           | 7.8  |          |
| 18 |    | 22 12 45.860  | −10 28 38.60    | 1.0280463 | 55 29.21           | 15 06.84   | 12 42                           | 18 22                          | — —                             | 8.8  |          |
| 19 |    | 22 58 02.501  | −04 50 52.89    | 1.0142793 | 56 14.41           | 15 19.15   | 13 7                            | 19 4                           | 0 10                            | 9.8  |          |
| 20 | E  | 23 43 55.419  | +01 08 35.53    | 0.9988092 | 57 06.68           | 15 33.38   | 13 32                           | 19 48                          | 1 11                            | 10.8 |          |
| 21 |    | 00 31 35.148  | +07 17 07.81    | 0.9826756 | 58 02.94           | 15 48.71   | 13 59                           | 20 35                          | 2 14                            | 11.8 |          |
| 22 |    | 01 22 17.005  | +13 18 00.73    | 0.9671247 | 58 58.95           | 16 03.96   | 14 30                           | 21 25                          | 3 21                            | 12.8 |          |
| 23 |    | 02 17 11.606  | +18 48 56.57    | 0.9534866 | 59 49.57           | 16 17.75   | 15 5                            | 22 21                          | 4 32                            | 13.8 |          |
| 24 | ●  | 03 17 03.681  | +23 21 59.68    | 0.9430020 | 60 29.49           | 16 28.62   | 15 49                           | 23 22                          | 5 46                            | 14.8 |          |
| 25 |    | 04 21 38.083  | +26 26 50.94    | 0.9366263 | 60 54.20           | 16 35.35   | 16 44                           | — —                            | 7 2                             | 15.8 |          |
| 26 | NP | 05 29 11.354  | +27 38 30.17    | 0.9348600 | 61 01.10           | 16 37.23   | 17 49                           | 0 28                           | 8 14                            | 16.8 |          |
| 27 |    | 06 36 47.705  | +26 46 47.21    | 0.9376653 | 60 50.15           | 16 34.25   | 19 1                            | 1 35                           | 9 17                            | 17.8 |          |
| 28 |    | 07 41 30.947  | +24 00 46.08    | 0.9444981 | 60 23.74           | 16 27.06   | 20 16                           | 2 39                           | 10 9                            | 18.8 |          |
| 29 |    | 08 41 36.993  | +19 44 00.96    | 0.9544482 | 59 45.96           | 16 16.77   | 21 30                           | 3 39                           | 10 51                           | 19.8 |          |
| 30 |    | 09 36 50.780  | +14 25 10.69    | 0.9664324 | 59 01.49           | 16 04.65   | 22 39                           | 4 33                           | 11 26                           | 20.8 |          |

● 朔, ● 上弦, ● 望, ● 下弦, S 最南, E 赤道通過, N 最北, P 最近, A 最遠

| 名称  | 中央標準時   | 名称   | 中央標準時  | 名称  | 中央標準時  | 距離    |
|-----|---|------|--|-----|--|-------|
| 下 弦 | 2 <sup>日</sup> 5 <sup>h</sup> 28 <sup>m</sup> | 赤道通過 | 5 <sup>日</sup> 13 <sup>h</sup> 43 <sup>m</sup> | 最 遠 | 14 <sup>日</sup> 2 <sup>h</sup> 50 <sup>m</sup> | 1.055 |
| 朔   | 9 16 2  | 最 南  | 12 18 31                                       | 最 近 | 26 6 1   | 0.935 |
| 上 弦 | 17 20 48                                      | 赤道通過 | 20 4 29  |     |  |       |
| 望   | 24 23 54                                      | 最 北  | 26 10 55                                       |     |  |       |

| 日  | 通日  | 真春分点にもとづく座標系  |                 |                         | 地球時 0 <sup>h</sup> |            |                                    | 世界時 0 <sup>h</sup>             | 東京, 中央標準時                                       |                                 |  |
|----|-----|---|-----------------|-------------------------|--------------------|------------|------------------------------------|--------------------------------|---|---------------------------------|--|
|    |     | 視赤経   | 視赤緯             | 距離                      | 視差                 | 視半径        | 均時差                                | 出                              | 南中  | 入                               |  |
| 1  | 335 | 16 <sup>h</sup> 28 <sup>m</sup> 17.745 <sup>s</sup> | -21° 45' 56.30" | 0.9861875 <sup>au</sup> | 8.92"              | 16' 14.64" | +11 <sup>m</sup> 10.7 <sup>s</sup> | 6 <sup>h</sup> 32 <sup>m</sup> | 11 <sup>h</sup> 29 <sup>m</sup> 54 <sup>s</sup> | 16 <sup>h</sup> 28 <sup>m</sup> |  |
| 2  | 336 | 16 32 36.760  | -21 55 09.11    | 0.9860329               | 8.92               | 16 14.80   | +10 48.2                           | 6 33                           | 11 30 16  | 16 28                           |  |
| 3  | 337 | 16 36 56.426  | -22 03 56.69    | 0.9858822               | 8.92               | 16 14.94   | +10 25.1                           | 6 33                           | 11 30 39  | 16 28                           |  |
| 4  | 338 | 16 41 16.720  | -22 12 18.77    | 0.9857354               | 8.92               | 16 15.09   | +10 01.4                           | 6 34                           | 11 31 3   | 16 28                           |  |
| 5  | 339 | 16 45 37.619  | -22 20 15.07    | 0.9855921               | 8.92               | 16 15.23   | +09 37.0                           | 6 35                           | 11 31 28  | 16 28                           |  |
| 6  | 340 | 16 49 59.094  | -22 27 45.35    | 0.9854522               | 8.92               | 16 15.37   | +09 12.1                           | 6 36                           | 11 31 53  | 16 28                           |  |
| 7  | 341 | 16 54 21.117  | -22 34 49.36    | 0.9853157               | 8.93               | 16 15.50   | +08 46.6                           | 6 37                           | 11 32 18  | 16 28                           |  |
| 8  | 342 | 16 58 43.659  | -22 41 26.88    | 0.9851825               | 8.93               | 16 15.64   | +08 20.7                           | 6 38                           | 11 32 44  | 16 28                           |  |
| 9  | 343 | 17 03 06.687  | -22 47 37.68    | 0.9850526               | 8.93               | 16 15.77   | +07 54.2                           | 6 38                           | 11 33 11  | 16 28                           |  |
| 10 | 344 | 17 07 30.168  | -22 53 21.58    | 0.9849260               | 8.93               | 16 15.89   | +07 27.3                           | 6 39                           | 11 33 38  | 16 28                           |  |
| 11 | 345 | 17 11 54.068  | -22 58 38.37    | 0.9848028               | 8.93               | 16 16.01   | +06 59.9                           | 6 40                           | 11 34 5   | 16 28                           |  |
| 12 | 346 | 17 16 18.353  | -23 03 27.88    | 0.9846830               | 8.93               | 16 16.13   | +06 32.2                           | 6 41                           | 11 34 33  | 16 28                           |  |
| 13 | 347 | 17 20 42.989  | -23 07 49.95    | 0.9845669               | 8.93               | 16 16.25   | +06 04.2                           | 6 41                           | 11 35 1   | 16 28                           |  |
| 14 | 348 | 17 25 07.941  | -23 11 44.42    | 0.9844546               | 8.93               | 16 16.36   | +05 35.8                           | 6 42                           | 11 35 29  | 16 29                           |  |
| 15 | 349 | 17 29 33.174  | -23 15 11.17    | 0.9843463               | 8.93               | 16 16.47   | +05 07.1                           | 6 43                           | 11 35 58  | 16 29                           |  |
| 16 | 350 | 17 33 58.654  | -23 18 10.08    | 0.9842422               | 8.93               | 16 16.57   | +04 38.2                           | 6 44                           | 11 36 27  | 16 29                           |  |
| 17 | 351 | 17 38 24.347  | -23 20 41.05    | 0.9841426               | 8.94               | 16 16.67   | +04 09.0                           | 6 44                           | 11 36 56  | 16 30                           |  |
| 18 | 352 | 17 42 50.220  | -23 22 43.99    | 0.9840477               | 8.94               | 16 16.76   | +03 39.7                           | 6 45                           | 11 37 26  | 16 30                           |  |
| 19 | 353 | 17 47 16.241  | -23 24 18.84    | 0.9839579               | 8.94               | 16 16.85   | +03 10.2                           | 6 45                           | 11 37 55  | 16 30                           |  |
| 20 | 354 | 17 51 42.378  | -23 25 25.55    | 0.9838735               | 8.94               | 16 16.93   | +02 40.6                           | 6 46                           | 11 38 25  | 16 31                           |  |
| 21 | 355 | 17 56 08.601  | -23 26 04.09    | 0.9837948               | 8.94               | 16 17.01   | +02 11.0                           | 6 46                           | 11 38 54  | 16 31                           |  |
| 22 | 356 | 18 00 34.879  | -23 26 14.45    | 0.9837222               | 8.94               | 16 17.08   | +01 41.3                           | 6 47                           | 11 39 24  | 16 32                           |  |
| 23 | 357 | 18 05 01.182  | -23 25 56.64    | 0.9836559               | 8.94               | 16 17.15   | +01 11.5                           | 6 47                           | 11 39 54  | 16 32                           |  |
| 24 | 358 | 18 09 27.478  | -23 25 10.66    | 0.9835961               | 8.94               | 16 17.21   | +00 41.8                           | 6 48                           | 11 40 24  | 16 33                           |  |
| 25 | 359 | 18 13 53.737  | -23 23 56.53    | 0.9835430               | 8.94               | 16 17.26   | +00 12.1                           | 6 48                           | 11 40 53  | 16 33                           |  |
| 26 | 360 | 18 18 19.927  | -23 22 14.26    | 0.9834964               | 8.94               | 16 17.31   | -00 17.5                           | 6 49                           | 11 41 23  | 16 34                           |  |
| 27 | 361 | 18 22 46.019  | -23 20 03.86    | 0.9834564               | 8.94               | 16 17.35   | -00 47.0                           | 6 49                           | 11 41 52  | 16 35                           |  |
| 28 | 362 | 18 27 11.983  | -23 17 25.37    | 0.9834225               | 8.94               | 16 17.38   | -01 16.4                           | 6 49                           | 11 42 22  | 16 35                           |  |
| 29 | 363 | 18 31 37.790  | -23 14 18.82    | 0.9833946               | 8.94               | 16 17.41   | -01 45.7                           | 6 50                           | 11 42 51  | 16 36                           |  |
| 30 | 364 | 18 36 03.412  | -23 10 44.28    | 0.9833723               | 8.94               | 16 17.43   | -02 14.8                           | 6 50                           | 11 43 20  | 16 37                           |  |
| 31 | 365 | 18 40 28.818  | -23 06 41.85    | 0.9833553               | 8.94               | 16 17.45   | -02 43.6                           | 6 50                           | 11 43 49  | 16 37                           |  |

黄 経・黄 緯

J2000.0 の平均黄道座標系 地球時 0<sup>h</sup>

| 日  | 黄経              | 黄緯      | 日  | 黄経              | 黄緯      | 日  | 黄経              | 黄緯      |
|----|-----------------|---------|----|-----------------|---------|----|-----------------|---------|
| 1  | 248° 25' 05.55" | +12.26" | 11 | 258° 34' 07.26" | +12.43" | 21 | 268° 44' 30.23" | +13.45" |
| 2  | 249 25 53.89    | +12.19  | 12 | 259 35 07.13    | +12.55  | 22 | 269 45 34.64    | +13.42  |
| 3  | 250 26 43.72    | +12.14  | 13 | 260 36 07.71    | +12.69  | 23 | 270 46 39.38    | +13.36  |
| 4  | 251 27 34.96    | +12.10  | 14 | 261 37 08.93    | +12.83  | 24 | 271 47 44.48    | +13.25  |
| 5  | 252 28 27.56    | +12.08  | 15 | 262 38 10.72    | +12.97  | 25 | 272 48 50.00    | +13.12  |
| 6  | 253 29 21.44    | +12.08  | 16 | 263 39 13.01    | +13.10  | 26 | 273 49 55.99    | +12.96  |
| 7  | 254 30 16.52    | +12.10  | 17 | 264 40 15.74    | +13.22  | 27 | 274 51 02.48    | +12.78  |
| 8  | 255 31 12.73    | +12.15  | 18 | 265 41 18.86    | +13.32  | 28 | 275 52 09.50    | +12.60  |
| 9  | 256 32 09.98    | +12.22  | 19 | 266 42 22.34    | +13.40  | 29 | 276 53 17.06    | +12.42  |
| 10 | 257 33 08.19    | +12.32  | 20 | 267 43 26.13    | +13.44  | 30 | 277 54 25.15    | +12.25  |
|    |                 |         |    |                 |         | 31 | 278 55 33.73    | +12.09  |

月

令和 8 年

12月

2026

| 日  | 状況 | 真春分点にもとづく座標系  |                 |           | 地球時 0 <sup>h</sup> |            |                                 | 東京, 中央標準時                      |                                 |      | 正午<br>月齢 |
|----|----|---|-----------------|-----------|--------------------|------------|---------------------------------|--------------------------------|---------------------------------|------|----------|
|    |    | 視赤経   | 視赤緯             | 距離        | 視差                 | 視半径        | 出                               | 南中                             | 入                               |      |          |
| 1  | ●  | 10 <sup>h</sup> 27 <sup>m</sup> 58.106 <sup>s</sup> | +08° 30' 44.79" | 0.9793842 | 58' 14.65"         | 15' 51.90" | 23 <sup>h</sup> 45 <sup>m</sup> | 5 <sup>h</sup> 23 <sup>m</sup> | 11 <sup>h</sup> 56 <sup>m</sup> | 21.8 |          |
| 2  | E  | 11 16 11.337  | +02 22 19.23    | 0.9923929 | 57 28.83           | 15 39.42   | — —                             | 6 9                            | 12 22                           | 22.8 |          |
| 3  |    | 12 02 47.696  | -03 43 03.59    | 1.0047778 | 56 46.32           | 15 27.84   | 0 49                            | 6 53                           | 12 48                           | 23.8 |          |
| 4  |    | 12 48 59.115  | -09 31 25.00    | 1.0161005 | 56 08.36           | 15 17.50   | 1 51                            | 7 36                           | 13 14                           | 24.8 |          |
| 5  |    | 13 35 47.431  | -14 50 18.50    | 1.0261332 | 55 35.42           | 15 08.53   | 2 52                            | 8 20                           | 13 41                           | 25.8 |          |
| 6  |    | 14 24 00.139  | -19 27 47.85    | 1.0347985 | 55 07.49           | 15 00.92   | 3 54                            | 9 6                            | 14 12                           | 26.8 |          |
| 7  |    | 15 14 04.449  | -23 12 10.52    | 1.0421000 | 54 44.31           | 14 54.61   | 4 56                            | 9 54                           | 14 47                           | 27.8 |          |
| 8  |    | 16 06 00.373  | -25 52 35.26    | 1.0480541 | 54 25.65           | 14 49.53   | 5 56                            | 10 44                          | 15 28                           | 28.8 |          |
| 9  | ●  | 16 59 16.941  | -27 20 28.55    | 1.0526365 | 54 11.44           | 14 45.65   | 6 54                            | 11 35                          | 16 15                           | 0.1  |          |
| 10 | S  | 17 52 57.312  | -27 31 18.67    | 1.0557477 | 54 01.85           | 14 43.04   | 7 46                            | 12 26                          | 17 7                            | 1.1  |          |
| 11 | A  | 18 45 54.802  | -26 25 42.40    | 1.0572044 | 53 57.39           | 14 41.83   | 8 33                            | 13 17                          | 18 4                            | 2.1  |          |
| 12 |    | 19 37 13.664  | -24 09 10.43    | 1.0567532 | 53 58.77           | 14 42.20   | 9 13                            | 14 5                           | 19 2                            | 3.1  |          |
| 13 |    | 20 26 24.184  | -20 50 37.60    | 1.0541079 | 54 06.90           | 14 44.42   | 9 47                            | 14 51                          | 20 2                            | 4.1  |          |
| 14 |    | 21 13 26.696  | -16 40 28.32    | 1.0490014 | 54 22.70           | 14 48.72   | 10 17                           | 15 35                          | 21 1                            | 5.1  |          |
| 15 |    | 21 58 47.127  | -11 49 09.76    | 1.0412505 | 54 46.99           | 14 55.34   | 10 43                           | 16 18                          | 21 59                           | 6.1  |          |
| 16 |    | 22 43 09.985  | -06 26 37.50    | 1.0308224 | 55 20.25           | 15 04.40   | 11 8                            | 16 59                          | 22 58                           | 7.1  |          |
| 17 | ●E | 23 27 32.803  | -00 42 33.08    | 1.0179009 | 56 02.40           | 15 15.88   | 11 32                           | 17 41                          | 23 59                           | 8.1  |          |
| 18 |    | 00 13 03.006  | +05 12 35.44    | 1.0029395 | 56 52.56           | 15 29.54   | 11 58                           | 18 24                          | — —                             | 9.1  |          |
| 19 |    | 01 00 55.772  | +11 05 59.78    | 0.9866939 | 57 48.75           | 15 44.85   | 12 25                           | 19 11                          | 1 1                             | 10.1 |          |
| 20 |    | 01 52 29.479  | +16 40 38.55    | 0.9702161 | 58 47.67           | 16 00.89   | 12 57                           | 20 3                           | 2 8                             | 11.1 |          |
| 21 |    | 02 48 52.962  | +21 33 43.27    | 0.9547940 | 59 44.66           | 16 16.41   | 13 36                           | 21 0                           | 3 19                            | 12.1 |          |
| 22 |    | 03 50 38.285  | +25 16 51.48    | 0.9418228 | 60 34.03           | 16 29.86   | 14 24                           | 22 3                           | 4 33                            | 13.1 |          |
| 23 | N  | 04 57 02.220  | +27 20 23.47    | 0.9326100 | 61 09.94           | 16 39.64   | 15 24                           | 23 10                          | 5 47                            | 14.1 |          |
| 24 | ●P | 06 05 45.602  | +27 22 36.88    | 0.9281454 | 61 27.59           | 16 44.45   | 16 34                           | — —                            | 6 56                            | 15.1 |          |
| 25 |    | 07 13 32.371  | +25 19 39.87    | 0.9289004 | 61 24.59           | 16 43.63   | 17 51                           | 0 18                           | 7 55                            | 16.1 |          |
| 26 |    | 08 17 36.803  | +21 27 54.55    | 0.9347264 | 61 01.63           | 16 37.38   | 19 8                            | 1 22                           | 8 43                            | 17.1 |          |
| 27 |    | 09 16 44.250  | +16 16 36.05    | 0.9448951 | 60 22.22           | 16 26.64   | 20 23                           | 2 21                           | 9 23                            | 18.1 |          |
| 28 |    | 10 11 06.809  | +10 17 31.26    | 0.9582638 | 59 31.68           | 16 12.88   | 21 33                           | 3 15                           | 9 55                            | 19.1 |          |
| 29 |    | 11 01 45.931  | +03 58 17.54    | 0.9735026 | 58 35.76           | 15 57.65   | 22 39                           | 4 4                            | 10 24                           | 20.1 |          |
| 30 | E  | 11 49 59.777  | -02 19 33.27    | 0.9893110 | 57 39.58           | 15 42.35   | 23 43                           | 4 50                           | 10 51                           | 21.1 |          |
| 31 | ●  | 12 37 05.511  | -08 19 42.07    | 1.0045761 | 56 47.00           | 15 28.03   | — —                             | 5 34                           | 11 17                           | 22.1 |          |

● 朔, ● 上弦, ● 望, ● 下弦, S 最南, E 赤道通過, N 最北, P 最近, A 最遠

| 名称  | 中央標準時   | 名称   | 中央標準時  | 名称  | 中央標準時   | 距離    |
|-----|---|------|--|-----|---|-------|
| 下 弦 | 1 <sup>日</sup> 15 <sup>h</sup> 9 <sup>m</sup> | 赤道通過 | 2 <sup>日</sup> 18 <sup>h</sup> 15 <sup>m</sup> | 最 遠 | 11 <sup>日</sup> 15 <sup>h</sup> 45 <sup>m</sup> | 1.057 |
| 朔   | 9 9 52  | 最 南  | 10 0 19  | 最 近 | 24 17 31  | 0.928 |
| 上 弦 | 17 14 43                                      | 赤道通過 | 17 11 53                                       |     |   |       |
| 望   | 24 10 28                                      | 最 北  | 23 21 26                                       |     |   |       |
| 下 弦 | 31 3 59                                       | 赤道通過 | 30 0 2   |     |   |       |

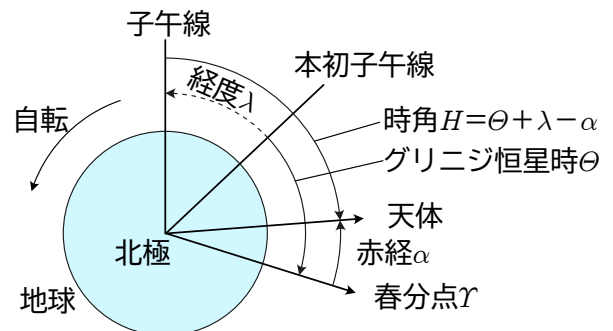
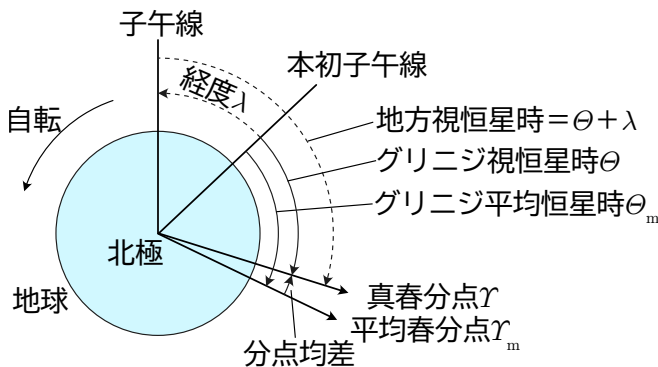
グリニジ恒星時

世界時 0<sup>h</sup>

令和 8 年

2026

| 日  | 1 月   |                     | 2 月   |                     | 3 月   |                     | 4 月   |                     |
|----|---|---------------------|---|---------------------|---|---------------------|---|---------------------|
|    | 視恒星時  | 分点均差                | 視恒星時  | 分点均差                | 視恒星時  | 分点均差                | 視恒星時  | 分点均差                |
| 1  | 06 <sup>h</sup> 42 <sup>m</sup> 38.934 <sup>s</sup> | +0.332 <sup>s</sup> | 08 <sup>h</sup> 44 <sup>m</sup> 52.265 <sup>s</sup> | +0.447 <sup>s</sup> | 10 <sup>h</sup> 35 <sup>m</sup> 15.816 <sup>s</sup> | +0.447 <sup>s</sup> | 12 <sup>h</sup> 37 <sup>m</sup> 28.964 <sup>s</sup> | +0.379 <sup>s</sup> |
| 2  | 06 46 35.502  | +0.345              | 08 48 48.825  | +0.451              | 10 39 12.370  | +0.446              | 12 41 25.511  | +0.370              |
| 3  | 06 50 32.072  | +0.359              | 08 52 45.380  | +0.451              | 10 43 08.920  | +0.441              | 12 45 22.059  | +0.363              |
| 4  | 06 54 28.640  | +0.371              | 08 56 41.931  | +0.447              | 10 47 05.468  | +0.433              | 12 49 18.609  | +0.357              |
| 5  | 06 58 25.204  | +0.380              | 09 00 38.481  | +0.441              | 10 51 02.015  | +0.424              | 12 53 15.161  | +0.355              |
| 6  | 07 02 21.764  | +0.385              | 09 04 35.030  | +0.434              | 10 54 58.562  | +0.416              | 12 57 11.717  | +0.354              |
| 7  | 07 06 18.319  | +0.385              | 09 08 31.579  | +0.429              | 10 58 55.110  | +0.409              | 13 01 08.274  | +0.356              |
| 8  | 07 10 14.872  | +0.382              | 09 12 28.131  | +0.425              | 11 02 51.661  | +0.405              | 13 05 04.833  | +0.360              |
| 9  | 07 14 11.424  | +0.379              | 09 16 24.685  | +0.423              | 11 06 48.215  | +0.403              | 13 09 01.392  | +0.364              |
| 10 | 07 18 07.975  | +0.375              | 09 20 21.241  | +0.424              | 11 10 44.770  | +0.403              | 13 12 57.951  | +0.367              |
| 11 | 07 22 04.528  | +0.372              | 09 24 17.800  | +0.427              | 11 14 41.328  | +0.405              | 13 16 54.509  | +0.370              |
| 12 | 07 26 01.083  | +0.372              | 09 28 14.360  | +0.432              | 11 18 37.887  | +0.409              | 13 20 51.064  | +0.370              |
| 13 | 07 29 57.640  | +0.374              | 09 32 10.921  | +0.438              | 11 22 34.446  | +0.413              | 13 24 47.617  | +0.367              |
| 14 | 07 33 54.200  | +0.378              | 09 36 07.482  | +0.443              | 11 26 31.004  | +0.415              | 13 28 44.167  | +0.362              |
| 15 | 07 37 50.762  | +0.384              | 09 40 04.041  | +0.447              | 11 30 27.561  | +0.417              | 13 32 40.715  | +0.354              |
| 16 | 07 41 47.325  | +0.392              | 09 44 00.599  | +0.449              | 11 34 24.115  | +0.415              | 13 36 37.262  | +0.346              |
| 17 | 07 45 43.888  | +0.400              | 09 47 57.153  | +0.448              | 11 38 20.666  | +0.411              | 13 40 33.810  | +0.339              |
| 18 | 07 49 40.451  | +0.408              | 09 51 53.704  | +0.444              | 11 42 17.214  | +0.404              | 13 44 30.361  | +0.335              |
| 19 | 07 53 37.013  | +0.414              | 09 55 50.253  | +0.438              | 11 46 13.760  | +0.395              | 13 48 26.917  | +0.335              |
| 20 | 07 57 33.572  | +0.418              | 09 59 46.801  | +0.430              | 11 50 10.306  | +0.385              | 13 52 23.477  | +0.340              |
| 21 | 08 01 30.128  | +0.418              | 10 03 43.348  | +0.422              | 11 54 06.854  | +0.378              | 13 56 20.041  | +0.348              |
| 22 | 08 05 26.681  | +0.416              | 10 07 39.898  | +0.417              | 11 58 03.406  | +0.374              | 14 00 16.605  | +0.357              |
| 23 | 08 09 23.232  | +0.412              | 10 11 36.452  | +0.415              | 12 01 59.962  | +0.375              | 14 04 13.169  | +0.365              |
| 24 | 08 13 19.782  | +0.407              | 10 15 33.010  | +0.417              | 12 05 56.521  | +0.379              | 14 08 09.730  | +0.371              |
| 25 | 08 17 16.333  | +0.402              | 10 19 29.571  | +0.423              | 12 09 53.083  | +0.386              | 14 12 06.286  | +0.372              |
| 26 | 08 21 12.887  | +0.400              | 10 23 26.134  | +0.431              | 12 13 49.646  | +0.393              | 14 16 02.839  | +0.370              |
| 27 | 08 25 09.444  | +0.402              | 10 27 22.697  | +0.439              | 12 17 46.207  | +0.398              | 14 19 59.389  | +0.364              |
| 28 | 08 29 06.005  | +0.408              | 10 31 19.258  | +0.445              | 12 21 42.765  | +0.401              | 14 23 55.938  | +0.358              |
| 29 | 08 33 02.570  | +0.417              |   |                     | 12 25 39.319  | +0.400              | 14 27 52.486  | +0.350              |
| 30 | 08 36 59.136  | +0.428              |   |                     | 12 29 35.870  | +0.395              | 14 31 49.035  | +0.344              |
| 31 | 08 40 55.702  | +0.439              |   |                     | 12 33 32.418  | +0.388              |   |                     |



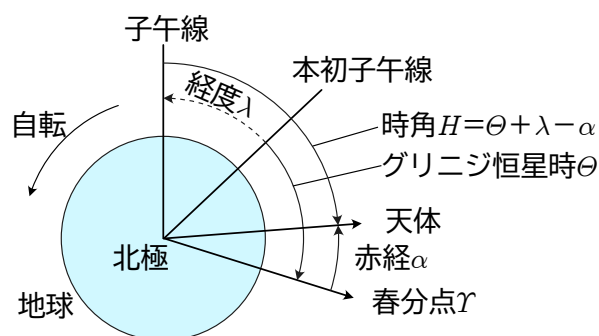
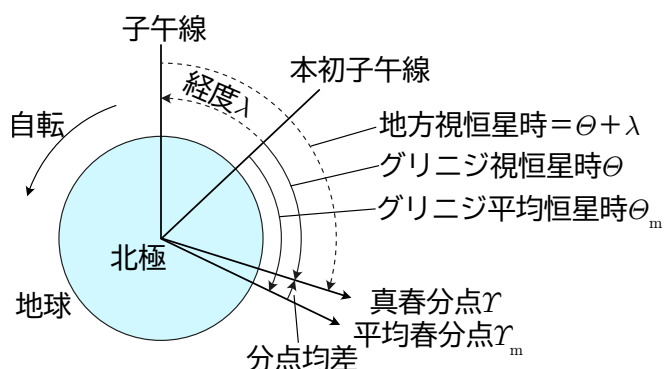
グリニジ恒星時

世界時 0<sup>h</sup>

令和 8 年

2026

| 日  | 5 月          |        | 6 月          |        | 7 月          |        | 8 月          |        |
|----|--------------|--------|--------------|--------|--------------|--------|--------------|--------|
|    | 視恒星時         | 分点均差   | 視恒星時         | 分点均差   | 視恒星時         | 分点均差   | 視恒星時         | 分点均差   |
| 1  | 14 35 45.587 | +0.340 | 16 37 58.861 | +0.398 | 18 36 15.632 | +0.508 | 20 38 28.920 | +0.580 |
| 2  | 14 39 42.141 | +0.339 | 16 41 55.424 | +0.406 | 18 40 12.193 | +0.514 | 20 42 25.470 | +0.575 |
| 3  | 14 43 38.697 | +0.340 | 16 45 51.987 | +0.414 | 18 44 08.752 | +0.517 | 20 46 22.020 | +0.568 |
| 4  | 14 47 35.256 | +0.343 | 16 49 48.549 | +0.420 | 18 48 05.308 | +0.518 | 20 50 18.569 | +0.563 |
| 5  | 14 51 31.816 | +0.348 | 16 53 45.110 | +0.426 | 18 52 01.862 | +0.516 | 20 54 15.121 | +0.559 |
| 6  | 14 55 28.378 | +0.354 | 16 57 41.668 | +0.428 | 18 55 58.413 | +0.512 | 20 58 11.675 | +0.558 |
| 7  | 14 59 24.939 | +0.360 | 17 01 38.224 | +0.428 | 18 59 54.964 | +0.508 | 21 02 08.234 | +0.561 |
| 8  | 15 03 21.499 | +0.365 | 17 05 34.777 | +0.426 | 19 03 51.516 | +0.504 | 21 06 04.796 | +0.568 |
| 9  | 15 07 18.057 | +0.368 | 17 09 31.328 | +0.422 | 19 07 48.070 | +0.503 | 21 10 01.361 | +0.578 |
| 10 | 15 11 14.613 | +0.368 | 17 13 27.879 | +0.418 | 19 11 44.628 | +0.506 | 21 13 57.927 | +0.588 |
| 11 | 15 15 11.166 | +0.366 | 17 17 24.432 | +0.415 | 19 15 41.190 | +0.513 | 21 17 54.491 | +0.597 |
| 12 | 15 19 07.717 | +0.361 | 17 21 20.988 | +0.416 | 19 19 37.756 | +0.523 | 21 21 51.051 | +0.602 |
| 13 | 15 23 04.266 | +0.355 | 17 25 17.548 | +0.420 | 19 23 34.325 | +0.536 | 21 25 47.607 | +0.602 |
| 14 | 15 27 00.816 | +0.350 | 17 29 14.113 | +0.430 | 19 27 30.893 | +0.549 | 21 29 44.158 | +0.598 |
| 15 | 15 30 57.368 | +0.346 | 17 33 10.681 | +0.443 | 19 31 27.458 | +0.559 | 21 33 40.707 | +0.591 |
| 16 | 15 34 53.924 | +0.347 | 17 37 07.250 | +0.457 | 19 35 24.019 | +0.564 | 21 37 37.255 | +0.584 |
| 17 | 15 38 50.485 | +0.352 | 17 41 03.818 | +0.469 | 19 39 20.574 | +0.565 | 21 41 33.804 | +0.578 |
| 18 | 15 42 47.050 | +0.362 | 17 45 00.382 | +0.478 | 19 43 17.127 | +0.562 | 21 45 30.355 | +0.573 |
| 19 | 15 46 43.618 | +0.375 | 17 48 56.941 | +0.482 | 19 47 13.677 | +0.557 | 21 49 26.908 | +0.571 |
| 20 | 15 50 40.185 | +0.386 | 17 52 53.496 | +0.482 | 19 51 10.228 | +0.552 | 21 53 23.464 | +0.571 |
| 21 | 15 54 36.749 | +0.396 | 17 56 50.049 | +0.479 | 19 55 06.780 | +0.548 | 21 57 20.022 | +0.574 |
| 22 | 15 58 33.310 | +0.401 | 18 00 46.600 | +0.475 | 19 59 03.333 | +0.547 | 22 01 16.581 | +0.578 |
| 23 | 16 02 29.866 | +0.402 | 18 04 43.152 | +0.471 | 20 02 59.890 | +0.547 | 22 05 13.141 | +0.582 |
| 24 | 16 06 26.419 | +0.399 | 18 08 39.705 | +0.469 | 20 06 56.448 | +0.551 | 22 09 09.701 | +0.587 |
| 25 | 16 10 22.970 | +0.395 | 18 12 36.261 | +0.469 | 20 10 53.009 | +0.556 | 22 13 06.259 | +0.590 |
| 26 | 16 14 19.521 | +0.390 | 18 16 32.819 | +0.472 | 20 14 49.571 | +0.562 | 22 17 02.816 | +0.591 |
| 27 | 16 18 16.072 | +0.386 | 18 20 29.380 | +0.477 | 20 18 46.133 | +0.569 | 22 20 59.369 | +0.589 |
| 28 | 16 22 12.625 | +0.384 | 18 24 25.942 | +0.484 | 20 22 42.695 | +0.576 | 22 24 55.920 | +0.585 |
| 29 | 16 26 09.180 | +0.384 | 18 28 22.505 | +0.492 | 20 26 39.255 | +0.580 | 22 28 52.469 | +0.578 |
| 30 | 16 30 05.738 | +0.386 | 18 32 19.069 | +0.500 | 20 30 35.813 | +0.583 | 22 32 49.016 | +0.570 |
| 31 | 16 34 02.299 | +0.391 |              |        | 20 34 32.368 | +0.583 | 22 36 45.563 | +0.562 |



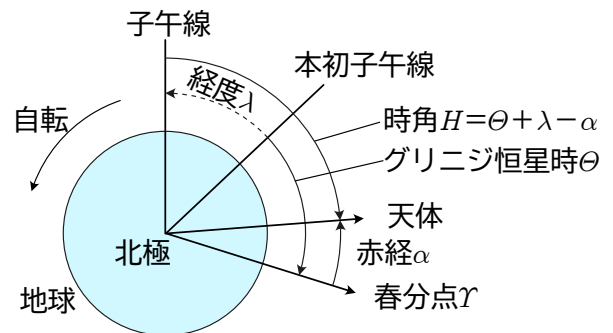
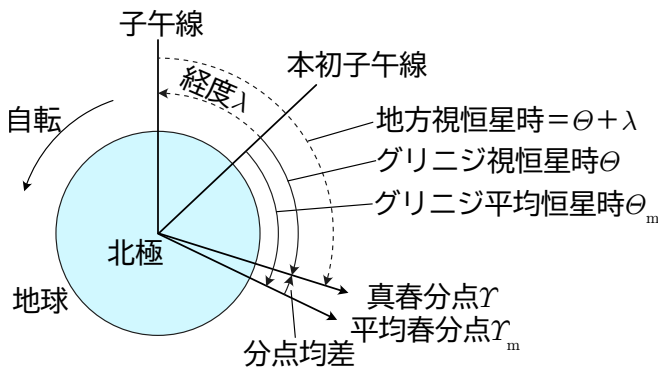
グリニジ恒星時

世界時 0<sup>h</sup>

令和 8 年

2026

| 日  | 9 月   |                     | 10 月  |                     | 11 月  |                     | 12 月  |                     |
|----|---|---------------------|---|---------------------|---|---------------------|---|---------------------|
|    | 視恒星時  | 分点均差                | 視恒星時  | 分点均差                | 視恒星時  | 分点均差                | 視恒星時  | 分点均差                |
| 1  | 22 <sup>h</sup> 40 <sup>m</sup> 42.112 <sup>s</sup> | +0.555 <sup>s</sup> | 00 <sup>h</sup> 38 <sup>m</sup> 58.723 <sup>s</sup> | +0.506 <sup>s</sup> | 02 <sup>h</sup> 41 <sup>m</sup> 11.940 <sup>s</sup> | +0.505 <sup>s</sup> | 04 <sup>h</sup> 39 <sup>m</sup> 28.652 <sup>s</sup> | +0.556 <sup>s</sup> |
| 2  | 22 44 38.663  | +0.551              | 00 42 55.285  | +0.511              | 02 45 08.499  | +0.509              | 04 43 25.204  | +0.553              |
| 3  | 22 48 35.219  | +0.551              | 00 46 51.847  | +0.519              | 02 49 05.053  | +0.508              | 04 47 21.755  | +0.549              |
| 4  | 22 52 31.778  | +0.555              | 00 50 48.409  | +0.525              | 02 53 01.605  | +0.504              | 04 51 18.307  | +0.546              |
| 5  | 22 56 28.340  | +0.562              | 00 54 44.969  | +0.529              | 02 56 58.154  | +0.498              | 04 55 14.861  | +0.544              |
| 6  | 23 00 24.903  | +0.570              | 00 58 41.525  | +0.530              | 03 00 54.703  | +0.492              | 04 59 11.417  | +0.545              |
| 7  | 23 04 21.465  | +0.576              | 01 02 38.077  | +0.527              | 03 04 51.252  | +0.486              | 05 03 07.976  | +0.548              |
| 8  | 23 08 18.024  | +0.580              | 01 06 34.625  | +0.520              | 03 08 47.804  | +0.482              | 05 07 04.537  | +0.554              |
| 9  | 23 12 14.580  | +0.580              | 01 10 31.172  | +0.511              | 03 12 44.359  | +0.481              | 05 11 01.100  | +0.561              |
| 10 | 23 16 11.131  | +0.575              | 01 14 27.719  | +0.503              | 03 16 40.916  | +0.483              | 05 14 57.664  | +0.570              |
| 11 | 23 20 07.678  | +0.568              | 01 18 24.267  | +0.495              | 03 20 37.475  | +0.487              | 05 18 54.227  | +0.578              |
| 12 | 23 24 04.225  | +0.559              | 01 22 20.817  | +0.490              | 03 24 34.037  | +0.493              | 05 22 50.790  | +0.586              |
| 13 | 23 28 00.771  | +0.550              | 01 26 17.370  | +0.487              | 03 28 30.599  | +0.500              | 05 26 47.351  | +0.591              |
| 14 | 23 31 57.320  | +0.543              | 01 30 13.925  | +0.488              | 03 32 27.160  | +0.506              | 05 30 43.910  | +0.595              |
| 15 | 23 35 53.870  | +0.538              | 01 34 10.483  | +0.490              | 03 36 23.721  | +0.511              | 05 34 40.466  | +0.596              |
| 16 | 23 39 50.424  | +0.536              | 01 38 07.042  | +0.494              | 03 40 20.279  | +0.514              | 05 38 37.020  | +0.594              |
| 17 | 23 43 46.980  | +0.537              | 01 42 03.602  | +0.498              | 03 44 16.835  | +0.515              | 05 42 33.573  | +0.591              |
| 18 | 23 47 43.537  | +0.539              | 01 46 00.161  | +0.502              | 03 48 13.389  | +0.514              | 05 46 30.125  | +0.588              |
| 19 | 23 51 40.096  | +0.542              | 01 49 56.718  | +0.504              | 03 52 09.941  | +0.510              | 05 50 26.677  | +0.585              |
| 20 | 23 55 36.655  | +0.546              | 01 53 53.274  | +0.504              | 03 56 06.491  | +0.505              | 05 54 23.232  | +0.585              |
| 21 | 23 59 33.212  | +0.548              | 01 57 49.827  | +0.502              | 04 00 03.042  | +0.500              | 05 58 19.791  | +0.589              |
| 22 | 00 03 29.768  | +0.549              | 02 01 46.377  | +0.497              | 04 03 59.594  | +0.497              | 06 02 16.355  | +0.597              |
| 23 | 00 07 26.322  | +0.547              | 02 05 42.926  | +0.490              | 04 07 56.149  | +0.496              | 06 06 12.922  | +0.609              |
| 24 | 00 11 22.873  | +0.542              | 02 09 39.473  | +0.482              | 04 11 52.709  | +0.501              | 06 10 09.492  | +0.623              |
| 25 | 00 15 19.421  | +0.535              | 02 13 36.021  | +0.475              | 04 15 49.273  | +0.510              | 06 14 06.062  | +0.637              |
| 26 | 00 19 15.968  | +0.527              | 02 17 32.572  | +0.470              | 04 19 45.841  | +0.522              | 06 18 02.628  | +0.648              |
| 27 | 00 23 12.514  | +0.517              | 02 21 29.126  | +0.469              | 04 23 42.409  | +0.535              | 06 21 59.189  | +0.654              |
| 28 | 00 27 09.061  | +0.509              | 02 25 25.685  | +0.472              | 04 27 38.976  | +0.546              | 06 25 55.746  | +0.656              |
| 29 | 00 31 05.611  | +0.504              | 02 29 22.248  | +0.480              | 04 31 35.539  | +0.554              | 06 29 52.300  | +0.654              |
| 30 | 00 35 02.165  | +0.503              | 02 33 18.813  | +0.489              | 04 35 32.097  | +0.557              | 06 33 48.852  | +0.651              |
| 31 |   |                     | 02 37 15.377  | +0.498              |   |                     | 06 37 45.404  | +0.647              |



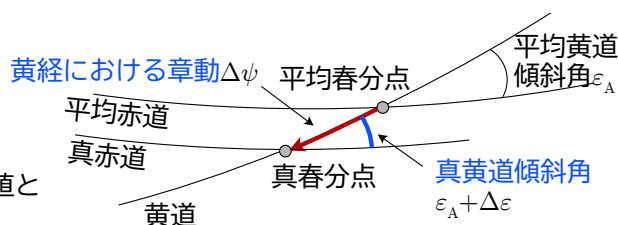


章 動 地球時 0<sup>h</sup> 令和 8 年 2026

| 日  | 1 月     |         |        | 2 月     |         |        | 3 月     |         |        |
|----|---------|---------|--------|---------|---------|--------|---------|---------|--------|
|    | 章動      |         | 黄道傾斜   | 章動      |         | 黄道傾斜   | 章動      |         | 黄道傾斜   |
|    | 黄経      | 黄道傾斜    | 23°26′ | 黄経      | 黄道傾斜    | 23°26′ | 黄経      | 黄道傾斜    | 23°26′ |
| 1  | +05.421 | +08.066 | 17.294 | +07.306 | +08.496 | 17.685 | +07.313 | +08.956 | 18.109 |
| 2  | +05.634 | +08.039 | 17.266 | +07.372 | +08.573 | 17.760 | +07.290 | +09.023 | 18.175 |
| 3  | +05.864 | +08.046 | 17.272 | +07.367 | +08.647 | 17.833 | +07.206 | +09.079 | 18.229 |
| 4  | +06.070 | +08.086 | 17.310 | +07.304 | +08.705 | 17.890 | +07.079 | +09.115 | 18.264 |
| 5  | +06.216 | +08.147 | 17.370 | +07.206 | +08.741 | 17.925 | +06.935 | +09.126 | 18.274 |
| 6  | +06.289 | +08.215 | 17.437 | +07.100 | +08.753 | 17.935 | +06.798 | +09.114 | 18.261 |
| 7  | +06.295 | +08.274 | 17.495 | +07.008 | +08.744 | 17.925 | +06.688 | +09.085 | 18.230 |
| 8  | +06.254 | +08.314 | 17.534 | +06.945 | +08.722 | 17.902 | +06.615 | +09.045 | 18.189 |
| 9  | +06.191 | +08.333 | 17.551 | +06.922 | +08.693 | 17.871 | +06.584 | +09.004 | 18.146 |
| 10 | +06.129 | +08.329 | 17.546 | +06.937 | +08.666 | 17.843 | +06.591 | +08.969 | 18.110 |
| 11 | +06.087 | +08.309 | 17.525 | +06.989 | +08.647 | 17.823 | +06.629 | +08.946 | 18.085 |
| 12 | +06.078 | +08.279 | 17.493 | +07.067 | +08.642 | 17.816 | +06.686 | +08.939 | 18.078 |
| 13 | +06.109 | +08.245 | 17.458 | +07.158 | +08.655 | 17.828 | +06.746 | +08.951 | 18.088 |
| 14 | +06.178 | +08.215 | 17.427 | +07.247 | +08.687 | 17.859 | +06.794 | +08.980 | 18.117 |
| 15 | +06.281 | +08.197 | 17.407 | +07.316 | +08.738 | 17.908 | +06.812 | +09.024 | 18.159 |
| 16 | +06.408 | +08.194 | 17.403 | +07.348 | +08.800 | 17.970 | +06.789 | +09.076 | 18.210 |
| 17 | +06.544 | +08.210 | 17.418 | +07.333 | +08.868 | 18.036 | +06.717 | +09.126 | 18.258 |
| 18 | +06.671 | +08.247 | 17.453 | +07.266 | +08.929 | 18.096 | +06.600 | +09.162 | 18.293 |
| 19 | +06.772 | +08.300 | 17.505 | +07.158 | +08.973 | 18.138 | +06.452 | +09.175 | 18.305 |
| 20 | +06.832 | +08.364 | 17.568 | +07.029 | +08.992 | 18.156 | +06.302 | +09.159 | 18.287 |
| 21 | +06.843 | +08.429 | 17.632 | +06.906 | +08.983 | 18.146 | +06.182 | +09.115 | 18.242 |
| 22 | +06.806 | +08.486 | 17.687 | +06.819 | +08.951 | 18.112 | +06.118 | +09.053 | 18.179 |
| 23 | +06.734 | +08.524 | 17.724 | +06.790 | +08.905 | 18.065 | +06.124 | +08.986 | 18.111 |
| 24 | +06.649 | +08.538 | 17.737 | +06.825 | +08.859 | 18.018 | +06.194 | +08.932 | 18.055 |
| 25 | +06.576 | +08.526 | 17.724 | +06.918 | +08.828 | 17.986 | +06.304 | +08.902 | 18.024 |
| 26 | +06.543 | +08.494 | 17.690 | +07.044 | +08.821 | 17.978 | +06.422 | +08.900 | 18.021 |
| 27 | +06.571 | +08.450 | 17.646 | +07.173 | +08.844 | 17.999 | +06.515 | +08.925 | 18.045 |
| 28 | +06.666 | +08.411 | 17.604 | +07.271 | +08.892 | 18.046 | +06.558 | +08.968 | 18.086 |
| 29 | +06.818 | +08.388 | 17.581 |         |         |        | +06.540 | +09.016 | 18.133 |
| 30 | +07.000 | +08.395 | 17.586 |         |         |        | +06.463 | +09.057 | 18.172 |
| 31 | +07.174 | +08.433 | 17.623 |         |         |        | +06.341 | +09.080 | 18.194 |

本表には地球時0<sup>h</sup>の、  
黄経における章動 $\Delta\psi$ 、  
黄道傾斜における章動 $\Delta\varepsilon$ 、  
真黄道傾斜角 $\varepsilon_A + \Delta\varepsilon$ の値を掲げている。

真黄道傾斜角については表の上段にある数値と  
あわせて、 $23^\circ 26' 22''.777$ のように読む。

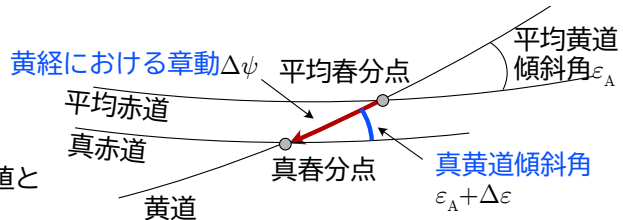


章 動 地球時 0<sup>h</sup> 令和 8 年 2026

| 日  | 4 月     |         |                | 5 月     |         |                | 6 月     |         |                |
|----|---------|---------|----------------|---------|---------|----------------|---------|---------|----------------|
|    | 章動      |         | 黄道傾斜<br>23°26' | 章動      |         | 黄道傾斜<br>23°26' | 章動      |         | 黄道傾斜<br>23°26' |
|    | 黄経      | 黄道傾斜    |                | 黄経      | 黄道傾斜    |                | 黄経      | 黄道傾斜    |                |
| 1  | +06.195 | +09.081 | 18.194         | +05.565 | +08.471 | 17.546         | +06.507 | +07.697 | 16.732         |
| 2  | +06.051 | +09.058 | 18.170         | +05.540 | +08.403 | 17.476         | +06.635 | +07.676 | 16.709         |
| 3  | +05.928 | +09.016 | 18.127         | +05.558 | +08.337 | 17.409         | +06.762 | +07.673 | 16.705         |
| 4  | +05.841 | +08.961 | 18.070         | +05.614 | +08.280 | 17.350         | +06.875 | +07.687 | 16.718         |
| 5  | +05.797 | +08.901 | 18.009         | +05.698 | +08.237 | 17.307         | +06.958 | +07.715 | 16.745         |
| 6  | +05.795 | +08.846 | 17.952         | +05.794 | +08.212 | 17.281         | +07.003 | +07.749 | 16.778         |
| 7  | +05.828 | +08.800 | 17.906         | +05.888 | +08.206 | 17.273         | +07.006 | +07.782 | 16.809         |
| 8  | +05.884 | +08.770 | 17.874         | +05.965 | +08.216 | 17.282         | +06.970 | +07.805 | 16.831         |
| 9  | +05.949 | +08.758 | 17.861         | +06.011 | +08.238 | 17.302         | +06.907 | +07.810 | 16.835         |
| 10 | +06.007 | +08.764 | 17.866         | +06.016 | +08.265 | 17.328         | +06.839 | +07.791 | 16.814         |
| 11 | +06.044 | +08.786 | 17.886         | +05.980 | +08.288 | 17.349         | +06.792 | +07.746 | 16.768         |
| 12 | +06.046 | +08.817 | 17.916         | +05.906 | +08.297 | 17.358         | +06.797 | +07.681 | 16.702         |
| 13 | +06.003 | +08.850 | 17.948         | +05.810 | +08.285 | 17.344         | +06.875 | +07.608 | 16.627         |
| 14 | +05.916 | +08.876 | 17.972         | +05.718 | +08.244 | 17.302         | +07.030 | +07.543 | 16.561         |
| 15 | +05.794 | +08.883 | 17.978         | +05.662 | +08.177 | 17.234         | +07.243 | +07.504 | 16.521         |
| 16 | +05.657 | +08.863 | 17.957         | +05.672 | +08.093 | 17.148         | +07.473 | +07.501 | 16.516         |
| 17 | +05.539 | +08.813 | 17.906         | +05.763 | +08.008 | 17.062         | +07.675 | +07.530 | 16.544         |
| 18 | +05.471 | +08.739 | 17.830         | +05.924 | +07.940 | 16.993         | +07.814 | +07.580 | 16.593         |
| 19 | +05.476 | +08.655 | 17.745         | +06.124 | +07.903 | 16.955         | +07.877 | +07.635 | 16.647         |
| 20 | +05.555 | +08.577 | 17.666         | +06.318 | +07.901 | 16.951         | +07.875 | +07.679 | 16.690         |
| 21 | +05.689 | +08.523 | 17.610         | +06.469 | +07.926 | 16.974         | +07.827 | +07.703 | 16.713         |
| 22 | +05.842 | +08.499 | 17.585         | +06.553 | +07.963 | 17.011         | +07.762 | +07.704 | 16.712         |
| 23 | +05.975 | +08.505 | 17.590         | +06.570 | +08.000 | 17.046         | +07.704 | +07.684 | 16.690         |
| 24 | +06.060 | +08.532 | 17.616         | +06.532 | +08.023 | 17.068         | +07.670 | +07.647 | 16.652         |
| 25 | +06.083 | +08.567 | 17.650         | +06.461 | +08.025 | 17.069         | +07.673 | +07.601 | 16.605         |
| 26 | +06.045 | +08.598 | 17.679         | +06.380 | +08.006 | 17.049         | +07.717 | +07.555 | 16.558         |
| 27 | +05.960 | +08.614 | 17.693         | +06.312 | +07.967 | 17.008         | +07.800 | +07.515 | 16.516         |
| 28 | +05.848 | +08.608 | 17.687         | +06.273 | +07.913 | 16.953         | +07.914 | +07.488 | 16.488         |
| 29 | +05.731 | +08.580 | 17.658         | +06.273 | +07.851 | 16.890         | +08.046 | +07.477 | 16.476         |
| 30 | +05.632 | +08.533 | 17.609         | +06.315 | +07.790 | 16.827         | +08.181 | +07.486 | 16.484         |
| 31 |         |         |                | +06.396 | +07.737 | 16.773         |         |         |                |

本表には地球時0<sup>h</sup>の、  
黄経における章動 $\Delta\psi$ 、  
黄道傾斜における章動 $\Delta\varepsilon$ 、  
真黄道傾斜角 $\varepsilon_A + \Delta\varepsilon$ の値を掲げている。

真黄道傾斜角については表の上段にある数値と  
あわせて、23°26'22".777のように読む。

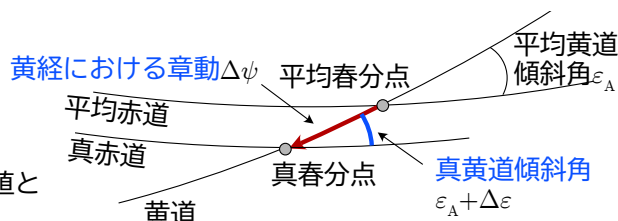


章 動 地球時 0<sup>h</sup> 令和 8 年 2026

| 日  | 7 月     |         |                | 8 月     |         |                | 9 月     |         |                |
|----|---------|---------|----------------|---------|---------|----------------|---------|---------|----------------|
|    | 章動      |         | 黄道傾斜<br>23°26′ | 章動      |         | 黄道傾斜<br>23°26′ | 章動      |         | 黄道傾斜<br>23°26′ |
|    | 黄経      | 黄道傾斜    |                | 黄経      | 黄道傾斜    |                | 黄経      | 黄道傾斜    |                |
| 1  | +08.304 | +07.513 | 16.510         | +09.479 | +07.963 | 16.920         | +09.073 | +08.350 | 17.267         |
| 2  | +08.399 | +07.554 | 16.550         | +09.396 | +08.003 | 16.958         | +09.012 | +08.305 | 17.221         |
| 3  | +08.455 | +07.604 | 16.598         | +09.295 | +08.021 | 16.975         | +09.014 | +08.255 | 17.169         |
| 4  | +08.467 | +07.654 | 16.646         | +09.199 | +08.015 | 16.968         | +09.077 | +08.214 | 17.127         |
| 5  | +08.439 | +07.696 | 16.687         | +09.134 | +07.988 | 16.940         | +09.186 | +08.194 | 17.105         |
| 6  | +08.380 | +07.721 | 16.711         | +09.122 | +07.947 | 16.897         | +09.312 | +08.202 | 17.112         |
| 7  | +08.308 | +07.725 | 16.713         | +09.174 | +07.904 | 16.852         | +09.422 | +08.238 | 17.147         |
| 8  | +08.249 | +07.704 | 16.692         | +09.290 | +07.872 | 16.820         | +09.484 | +08.295 | 17.203         |
| 9  | +08.228 | +07.663 | 16.649         | +09.449 | +07.866 | 16.812         | +09.480 | +08.360 | 17.266         |
| 10 | +08.268 | +07.609 | 16.594         | +09.618 | +07.890 | 16.835         | +09.409 | +08.417 | 17.322         |
| 11 | +08.380 | +07.558 | 16.542         | +09.758 | +07.945 | 16.888         | +09.286 | +08.455 | 17.359         |
| 12 | +08.557 | +07.524 | 16.507         | +09.837 | +08.017 | 16.960         | +09.138 | +08.466 | 17.368         |
| 13 | +08.770 | +07.521 | 16.502         | +09.841 | +08.093 | 17.034         | +08.995 | +08.451 | 17.352         |
| 14 | +08.977 | +07.553 | 16.532         | +09.779 | +08.154 | 17.094         | +08.878 | +08.416 | 17.316         |
| 15 | +09.136 | +07.612 | 16.590         | +09.672 | +08.193 | 17.131         | +08.802 | +08.371 | 17.269         |
| 16 | +09.222 | +07.683 | 16.660         | +09.551 | +08.204 | 17.142         | +08.771 | +08.324 | 17.221         |
| 17 | +09.232 | +07.750 | 16.726         | +09.444 | +08.192 | 17.129         | +08.779 | +08.284 | 17.180         |
| 18 | +09.184 | +07.798 | 16.773         | +09.368 | +08.165 | 17.100         | +08.816 | +08.257 | 17.152         |
| 19 | +09.105 | +07.822 | 16.795         | +09.334 | +08.131 | 17.064         | +08.869 | +08.247 | 17.141         |
| 20 | +09.024 | +07.821 | 16.793         | +09.340 | +08.099 | 17.031         | +08.923 | +08.255 | 17.148         |
| 21 | +08.963 | +07.802 | 16.772         | +09.382 | +08.077 | 17.008         | +08.961 | +08.280 | 17.171         |
| 22 | +08.937 | +07.770 | 16.740         | +09.448 | +08.069 | 16.998         | +08.972 | +08.318 | 17.208         |
| 23 | +08.951 | +07.736 | 16.704         | +09.524 | +08.079 | 17.007         | +08.943 | +08.362 | 17.251         |
| 24 | +09.005 | +07.706 | 16.673         | +09.596 | +08.107 | 17.034         | +08.870 | +08.405 | 17.292         |
| 25 | +09.090 | +07.688 | 16.653         | +09.647 | +08.151 | 17.077         | +08.755 | +08.437 | 17.323         |
| 26 | +09.197 | +07.685 | 16.650         | +09.663 | +08.207 | 17.132         | +08.612 | +08.449 | 17.334         |
| 27 | +09.310 | +07.702 | 16.665         | +09.637 | +08.267 | 17.190         | +08.460 | +08.436 | 17.319         |
| 28 | +09.413 | +07.736 | 16.698         | +09.565 | +08.322 | 17.244         | +08.328 | +08.396 | 17.278         |
| 29 | +09.491 | +07.786 | 16.747         | +09.453 | +08.364 | 17.284         | +08.243 | +08.337 | 17.218         |
| 30 | +09.532 | +07.846 | 16.805         | +09.318 | +08.384 | 17.303         | +08.221 | +08.269 | 17.148         |
| 31 | +09.528 | +07.908 | 16.866         | +09.183 | +08.379 | 17.297         |         |         |                |

本表には地球時0<sup>h</sup>の、  
黄経における章動 $\Delta\psi$ 、  
黄道傾斜における章動 $\Delta\varepsilon$ 、  
真黄道傾斜角 $\varepsilon_A + \Delta\varepsilon$ の値を掲げている。

真黄道傾斜角については表の上段にある数値と  
あわせて、23°26′22″.777のように読む。

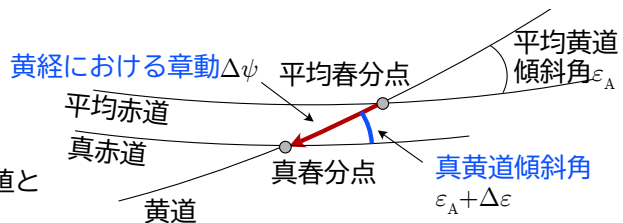


章 動 地球時 0<sup>h</sup> 令和 8 年 2026

| 日  | 10 月    |         |        | 11 月    |         |        | 12 月    |         |        |
|----|---------|---------|--------|---------|---------|--------|---------|---------|--------|
|    | 章動      |         | 黄道傾斜   | 章動      |         | 黄道傾斜   | 章動      |         | 黄道傾斜   |
|    | 黄経      | 黄道傾斜    | 23°26′ | 黄経      | 黄道傾斜    | 23°26′ | 黄経      | 黄道傾斜    | 23°26′ |
| 1  | +08.266 | +08.207 | 17.085 | +08.265 | +07.670 | 16.509 | +09.100 | +07.125 | 15.926 |
| 2  | +08.362 | +08.164 | 17.041 | +08.320 | +07.702 | 16.540 | +09.047 | +07.134 | 15.933 |
| 3  | +08.481 | +08.148 | 17.024 | +08.311 | +07.734 | 16.570 | +08.980 | +07.119 | 15.917 |
| 4  | +08.590 | +08.161 | 17.035 | +08.246 | +07.752 | 16.587 | +08.922 | +07.082 | 15.878 |
| 5  | +08.657 | +08.195 | 17.068 | +08.148 | +07.750 | 16.583 | +08.892 | +07.029 | 15.824 |
| 6  | +08.665 | +08.240 | 17.112 | +08.039 | +07.723 | 16.555 | +08.904 | +06.967 | 15.761 |
| 7  | +08.609 | +08.282 | 17.152 | +07.946 | +07.674 | 16.505 | +08.959 | +06.906 | 15.699 |
| 8  | +08.501 | +08.307 | 17.177 | +07.886 | +07.610 | 16.439 | +09.055 | +06.854 | 15.645 |
| 9  | +08.361 | +08.310 | 17.178 | +07.870 | +07.538 | 16.367 | +09.180 | +06.816 | 15.606 |
| 10 | +08.217 | +08.286 | 17.153 | +07.901 | +07.468 | 16.296 | +09.320 | +06.796 | 15.584 |
| 11 | +08.095 | +08.241 | 17.106 | +07.970 | +07.409 | 16.234 | +09.458 | +06.795 | 15.582 |
| 12 | +08.010 | +08.181 | 17.045 | +08.065 | +07.364 | 16.189 | +09.579 | +06.810 | 15.597 |
| 13 | +07.971 | +08.116 | 16.979 | +08.172 | +07.338 | 16.161 | +09.671 | +06.839 | 15.623 |
| 14 | +07.976 | +08.055 | 16.917 | +08.275 | +07.330 | 16.152 | +09.726 | +06.873 | 15.657 |
| 15 | +08.016 | +08.006 | 16.867 | +08.357 | +07.338 | 16.159 | +09.740 | +06.907 | 15.689 |
| 16 | +08.077 | +07.974 | 16.833 | +08.410 | +07.356 | 16.176 | +09.719 | +06.932 | 15.713 |
| 17 | +08.145 | +07.959 | 16.817 | +08.424 | +07.379 | 16.197 | +09.671 | +06.941 | 15.721 |
| 18 | +08.203 | +07.962 | 16.818 | +08.399 | +07.399 | 16.215 | +09.614 | +06.930 | 15.708 |
| 19 | +08.239 | +07.978 | 16.834 | +08.340 | +07.407 | 16.222 | +09.570 | +06.896 | 15.673 |
| 20 | +08.240 | +08.004 | 16.858 | +08.259 | +07.396 | 16.210 | +09.566 | +06.842 | 15.618 |
| 21 | +08.201 | +08.031 | 16.884 | +08.177 | +07.361 | 16.174 | +09.624 | +06.777 | 15.551 |
| 22 | +08.121 | +08.052 | 16.903 | +08.121 | +07.302 | 16.114 | +09.757 | +06.713 | 15.487 |
| 23 | +08.008 | +08.056 | 16.907 | +08.119 | +07.224 | 16.034 | +09.956 | +06.669 | 15.441 |
| 24 | +07.880 | +08.038 | 16.887 | +08.190 | +07.139 | 15.949 | +10.193 | +06.655 | 15.426 |
| 25 | +07.761 | +07.993 | 16.841 | +08.337 | +07.066 | 15.874 | +10.421 | +06.678 | 15.447 |
| 26 | +07.682 | +07.924 | 16.771 | +08.537 | +07.018 | 15.824 | +10.598 | +06.727 | 15.495 |
| 27 | +07.666 | +07.842 | 16.687 | +08.750 | +07.004 | 15.809 | +10.700 | +06.788 | 15.555 |
| 28 | +07.723 | +07.760 | 16.603 | +08.934 | +07.021 | 15.825 | +10.725 | +06.842 | 15.608 |
| 29 | +07.844 | +07.695 | 16.537 | +09.058 | +07.057 | 15.860 | +10.695 | +06.877 | 15.641 |
| 30 | +07.999 | +07.658 | 16.499 | +09.110 | +07.097 | 15.898 | +10.639 | +06.887 | 15.650 |
| 31 | +08.151 | +07.651 | 16.491 |         |         |        | +10.584 | +06.872 | 15.634 |

本表には地球時0<sup>h</sup>の、  
黄経における章動 $\Delta\psi$ 、  
黄道傾斜における章動 $\Delta\varepsilon$ 、  
真黄道傾斜角 $\varepsilon_A + \Delta\varepsilon$ の値を掲げている。

真黄道傾斜角については表の上段にある数値と  
あわせて、23°26′22″.777のように読む。



## 夜明, 日暮, 日出入方位, 日南中高度

東京 令和 8 年 2026

夜明, 日暮は視太陽の中心の伏角が  $7^{\circ}21'40''$  になる時刻である.

日出入方位は東または西を基準として南北に測ったもので, 北を正としている. 日南中高度は大気差を算入した太陽の中心の視高度である. 日出入・南中の時刻については太陽のページを参照のこと.

| 月 | 日  | 中央標準時                          |                                 | 日出入<br>方位          | 日南中<br>高度                       | 月  | 日  | 中央標準時                          |                                 | 日出入<br>方位          | 日南中<br>高度                       |
|---|----|--------------------------------|---------------------------------|--------------------|---------------------------------|----|----|--------------------------------|---------------------------------|--------------------|---------------------------------|
|   |    | 夜明                             | 日暮                              |                    |                                 |    |    | 夜明                             | 日暮                              |                    |                                 |
| 1 | 1  | 6 <sup>h</sup> 15 <sup>m</sup> | 17 <sup>h</sup> 14 <sup>m</sup> | -28.1 <sup>°</sup> | 31 <sup>°</sup> 21 <sup>'</sup> | 7  | 5  | 3 <sup>h</sup> 53 <sup>m</sup> | 19 <sup>h</sup> 38 <sup>m</sup> | +29.2 <sup>°</sup> | 77 <sup>°</sup> 08 <sup>'</sup> |
|   | 6  | 6 16                           | 17 18                           | -27.4              | 31 52                           |    | 10 | 3 56                           | 19 37                           | +28.5              | 76 35                           |
|   | 11 | 6 16                           | 17 22                           | -26.5              | 32 33                           |    | 15 | 3 59                           | 19 34                           | +27.5              | 75 53                           |
|   | 16 | 6 15                           | 17 27                           | -25.4              | 33 25                           |    | 20 | 4 3                            | 19 31                           | +26.4              | 75 01                           |
|   | 21 | 6 13                           | 17 31                           | -24.1              | 34 27                           |    | 25 | 4 7                            | 19 28                           | +25.1              | 74 01                           |
|   | 26 | 6 11                           | 17 36                           | -22.6              | 35 38                           |    | 30 | 4 11                           | 19 23                           | +23.7              | 72 52                           |
|   | 31 | 6 8                            | 17 41                           | -20.9              | 36 57                           | 8  | 4  | 4 16                           | 19 18                           | +22.1              | 71 36                           |
| 2 | 5  | 6 5                            | 17 46                           | -19.1              | 38 25                           |    | 9  | 4 20                           | 19 13                           | +20.3              | 70 13                           |
|   | 10 | 6 0                            | 17 51                           | -17.2              | 39 59                           |    | 14 | 4 24                           | 19 7                            | +18.4              | 68 44                           |
|   | 15 | 5 55                           | 17 55                           | -15.1              | 41 39                           |    | 19 | 4 29                           | 19 0                            | +16.5              | 67 09                           |
|   | 20 | 5 50                           | 18 0                            | -12.9              | 43 24                           |    | 24 | 4 33                           | 18 53                           | +14.4              | 65 28                           |
|   | 25 | 5 44                           | 18 5                            | -10.6              | 45 14                           |    | 29 | 4 37                           | 18 46                           | +12.2              | 63 44                           |
| 3 | 2  | 5 38                           | 18 9                            | - 8.3              | 47 07                           | 9  | 3  | 4 41                           | 18 39                           | +10.0              | 61 56                           |
|   | 7  | 5 31                           | 18 13                           | - 5.9              | 49 02                           |    | 8  | 4 45                           | 18 32                           | + 7.7              | 60 04                           |
|   | 12 | 5 25                           | 18 18                           | - 3.5              | 51 00                           |    | 13 | 4 49                           | 18 24                           | + 5.3              | 58 11                           |
|   | 17 | 5 18                           | 18 22                           | - 1.1              | 52 58                           |    | 18 | 4 53                           | 18 17                           | + 3.0              | 56 15                           |
|   | 22 | 5 10                           | 18 26                           | + 1.3              | 54 57                           |    | 23 | 4 57                           | 18 9                            | + 0.6              | 54 19                           |
|   | 27 | 5 3                            | 18 31                           | + 3.8              | 56 55                           |    | 28 | 5 1                            | 18 2                            | - 1.8              | 52 22                           |
| 4 | 1  | 4 56                           | 18 35                           | + 6.2              | 58 51                           | 10 | 3  | 5 5                            | 17 55                           | - 4.2              | 50 26                           |
|   | 6  | 4 49                           | 18 39                           | + 8.5              | 60 46                           |    | 8  | 5 9                            | 17 48                           | - 6.6              | 48 31                           |
|   | 11 | 4 41                           | 18 44                           | +10.8              | 62 38                           |    | 13 | 5 13                           | 17 41                           | - 8.9              | 46 37                           |
|   | 16 | 4 34                           | 18 48                           | +13.1              | 64 26                           |    | 18 | 5 17                           | 17 35                           | -11.2              | 44 47                           |
|   | 21 | 4 28                           | 18 53                           | +15.2              | 66 11                           |    | 23 | 5 21                           | 17 29                           | -13.4              | 42 59                           |
|   | 26 | 4 21                           | 18 57                           | +17.3              | 67 50                           |    | 28 | 5 26                           | 17 23                           | -15.5              | 41 17                           |
| 5 | 1  | 4 15                           | 19 2                            | +19.3              | 69 24                           | 11 | 2  | 5 30                           | 17 19                           | -17.6              | 39 39                           |
|   | 6  | 4 9                            | 19 7                            | +21.1              | 70 51                           |    | 7  | 5 35                           | 17 14                           | -19.5              | 38 07                           |
|   | 11 | 4 4                            | 19 11                           | +22.8              | 72 12                           |    | 12 | 5 39                           | 17 11                           | -21.3              | 36 42                           |
|   | 16 | 4 0                            | 19 16                           | +24.4              | 73 25                           |    | 17 | 5 44                           | 17 8                            | -22.9              | 35 24                           |
|   | 21 | 3 56                           | 19 20                           | +25.8              | 74 31                           |    | 22 | 5 49                           | 17 5                            | -24.4              | 34 15                           |
|   | 26 | 3 52                           | 19 24                           | +27.0              | 75 27                           |    | 27 | 5 53                           | 17 4                            | -25.6              | 33 16                           |
|   | 31 | 3 50                           | 19 28                           | +28.0              | 76 15                           | 12 | 2  | 5 57                           | 17 3                            | -26.7              | 32 26                           |
| 6 | 5  | 3 48                           | 19 31                           | +28.8              | 76 53                           |    | 7  | 6 1                            | 17 3                            | -27.5              | 31 46                           |
|   | 10 | 3 47                           | 19 34                           | +29.5              | 77 21                           |    | 12 | 6 5                            | 17 4                            | -28.1              | 31 18                           |
|   | 15 | 3 47                           | 19 37                           | +29.8              | 77 39                           |    | 17 | 6 9                            | 17 5                            | -28.5              | 31 01                           |
|   | 20 | 3 47                           | 19 38                           | +30.0              | 77 47                           |    | 22 | 6 11                           | 17 8                            | -28.6              | 30 56                           |
|   | 25 | 3 48                           | 19 39                           | +30.0              | 77 44                           |    | 27 | 6 13                           | 17 10                           | -28.5              | 31 02                           |
|   | 30 | 3 50                           | 19 39                           | +29.7              | 77 31                           |    | 32 | 6 15                           | 17 14                           | -28.1              | 31 20                           |

各地の日出, 南中, 日入 令和 8 年 2026 中央標準時

| 月 日  | 那 覇                            |                                 |                                 | 長 崎                            |                                 |                                 | 佐 賀                            |                                 |                                 | 福 岡                            |                                 |                                 |
|------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|
|      | 日出                             | 南中                              | 日入                              | 日出                             | 南中                              | 日入                              | 日出                             | 南中                              | 日入                              | 日出                             | 南中                              | 日入                              |
| 1 1  | 7 <sup>h</sup> 17 <sup>m</sup> | 12 <sup>h</sup> 33 <sup>m</sup> | 17 <sup>h</sup> 49 <sup>m</sup> | 7 <sup>h</sup> 23 <sup>m</sup> | 12 <sup>h</sup> 24 <sup>m</sup> | 17 <sup>h</sup> 25 <sup>m</sup> | 7 <sup>h</sup> 22 <sup>m</sup> | 12 <sup>h</sup> 22 <sup>m</sup> | 17 <sup>h</sup> 22 <sup>m</sup> | 7 <sup>h</sup> 23 <sup>m</sup> | 12 <sup>h</sup> 22 <sup>m</sup> | 17 <sup>h</sup> 21 <sup>m</sup> |
| 11   | 7 18                           | 12 37                           | 17 56                           | 7 23                           | 12 28                           | 17 33                           | 7 23                           | 12 27                           | 17 30                           | 7 23                           | 12 26                           | 17 29                           |
| 21   | 7 18                           | 12 41                           | 18 4                            | 7 21                           | 12 32                           | 17 42                           | 7 21                           | 12 30                           | 17 40                           | 7 21                           | 12 30                           | 17 39                           |
| 31   | 7 14                           | 12 43                           | 18 11                           | 7 16                           | 12 34                           | 17 52                           | 7 15                           | 12 32                           | 17 49                           | 7 16                           | 12 32                           | 17 48                           |
| 2 10 | 7 9                            | 12 43                           | 18 19                           | 7 9                            | 12 35                           | 18 1                            | 7 8                            | 12 33                           | 17 59                           | 7 8                            | 12 33                           | 17 58                           |
| 20   | 7 1                            | 12 43                           | 18 25                           | 6 59                           | 12 34                           | 18 10                           | 6 58                           | 12 33                           | 18 8                            | 6 58                           | 12 32                           | 18 7                            |
| 3 2  | 6 52                           | 12 41                           | 18 31                           | 6 48                           | 12 33                           | 18 18                           | 6 46                           | 12 31                           | 18 16                           | 6 46                           | 12 31                           | 18 16                           |
| 12   | 6 42                           | 12 39                           | 18 36                           | 6 35                           | 12 30                           | 18 26                           | 6 34                           | 12 29                           | 18 24                           | 6 33                           | 12 28                           | 18 24                           |
| 22   | 6 32                           | 12 36                           | 18 41                           | 6 22                           | 12 27                           | 18 33                           | 6 20                           | 12 26                           | 18 32                           | 6 20                           | 12 25                           | 18 31                           |
| 4 1  | 6 21                           | 12 33                           | 18 46                           | 6 9                            | 12 24                           | 18 40                           | 6 7                            | 12 23                           | 18 39                           | 6 7                            | 12 22                           | 18 39                           |
| 11   | 6 10                           | 12 30                           | 18 51                           | 5 56                           | 12 22                           | 18 47                           | 5 54                           | 12 20                           | 18 46                           | 5 53                           | 12 20                           | 18 46                           |
| 21   | 6 1                            | 12 28                           | 18 56                           | 5 44                           | 12 19                           | 18 55                           | 5 42                           | 12 18                           | 18 54                           | 5 41                           | 12 17                           | 18 54                           |
| 5 1  | 5 52                           | 12 26                           | 19 1                            | 5 34                           | 12 18                           | 19 2                            | 5 31                           | 12 16                           | 19 1                            | 5 30                           | 12 16                           | 19 1                            |
| 11   | 5 45                           | 12 26                           | 19 6                            | 5 25                           | 12 17                           | 19 9                            | 5 22                           | 12 15                           | 19 9                            | 5 21                           | 12 15                           | 19 9                            |
| 21   | 5 40                           | 12 26                           | 19 12                           | 5 18                           | 12 17                           | 19 16                           | 5 15                           | 12 15                           | 19 16                           | 5 14                           | 12 15                           | 19 16                           |
| 31   | 5 37                           | 12 27                           | 19 17                           | 5 14                           | 12 18                           | 19 23                           | 5 11                           | 12 16                           | 19 22                           | 5 10                           | 12 16                           | 19 23                           |
| 6 10 | 5 36                           | 12 29                           | 19 21                           | 5 12                           | 12 20                           | 19 28                           | 5 9                            | 12 18                           | 19 28                           | 5 8                            | 12 18                           | 19 28                           |
| 20   | 5 37                           | 12 31                           | 19 24                           | 5 13                           | 12 22                           | 19 31                           | 5 10                           | 12 20                           | 19 31                           | 5 8                            | 12 20                           | 19 32                           |
| 30   | 5 40                           | 12 33                           | 19 26                           | 5 16                           | 12 24                           | 19 33                           | 5 13                           | 12 22                           | 19 32                           | 5 11                           | 12 22                           | 19 33                           |
| 7 10 | 5 44                           | 12 35                           | 19 25                           | 5 20                           | 12 26                           | 19 31                           | 5 17                           | 12 24                           | 19 31                           | 5 16                           | 12 24                           | 19 31                           |
| 20   | 5 49                           | 12 36                           | 19 23                           | 5 26                           | 12 27                           | 19 27                           | 5 23                           | 12 25                           | 19 27                           | 5 22                           | 12 25                           | 19 27                           |
| 30   | 5 54                           | 12 36                           | 19 18                           | 5 33                           | 12 27                           | 19 21                           | 5 30                           | 12 25                           | 19 20                           | 5 29                           | 12 25                           | 19 20                           |
| 8 9  | 5 59                           | 12 35                           | 19 11                           | 5 40                           | 12 26                           | 19 12                           | 5 37                           | 12 24                           | 19 11                           | 5 36                           | 12 24                           | 19 12                           |
| 19   | 6 3                            | 12 33                           | 19 2                            | 5 46                           | 12 24                           | 19 2                            | 5 44                           | 12 23                           | 19 1                            | 5 43                           | 12 22                           | 19 1                            |
| 29   | 6 8                            | 12 30                           | 18 53                           | 5 53                           | 12 22                           | 18 50                           | 5 51                           | 12 20                           | 18 48                           | 5 50                           | 12 19                           | 18 48                           |
| 9 8  | 6 12                           | 12 27                           | 18 42                           | 5 59                           | 12 18                           | 18 37                           | 5 57                           | 12 17                           | 18 35                           | 5 57                           | 12 16                           | 18 35                           |
| 18   | 6 16                           | 12 24                           | 18 31                           | 6 6                            | 12 15                           | 18 23                           | 6 4                            | 12 13                           | 18 22                           | 6 3                            | 12 13                           | 18 21                           |
| 28   | 6 20                           | 12 20                           | 18 20                           | 6 12                           | 12 11                           | 18 10                           | 6 11                           | 12 10                           | 18 8                            | 6 10                           | 12 9                            | 18 8                            |
| 10 8 | 6 25                           | 12 17                           | 18 9                            | 6 19                           | 12 8                            | 17 57                           | 6 18                           | 12 6                            | 17 55                           | 6 17                           | 12 6                            | 17 54                           |
| 18   | 6 30                           | 12 15                           | 17 59                           | 6 26                           | 12 6                            | 17 45                           | 6 25                           | 12 4                            | 17 42                           | 6 25                           | 12 4                            | 17 42                           |
| 28   | 6 35                           | 12 13                           | 17 51                           | 6 34                           | 12 4                            | 17 34                           | 6 33                           | 12 3                            | 17 32                           | 6 33                           | 12 2                            | 17 31                           |
| 11 7 | 6 42                           | 12 13                           | 17 44                           | 6 43                           | 12 4                            | 17 25                           | 6 42                           | 12 2                            | 17 23                           | 6 42                           | 12 2                            | 17 22                           |
| 17   | 6 49                           | 12 14                           | 17 39                           | 6 52                           | 12 5                            | 17 19                           | 6 51                           | 12 4                            | 17 16                           | 6 51                           | 12 3                            | 17 15                           |
| 27   | 6 56                           | 12 17                           | 17 37                           | 7 1                            | 12 8                            | 17 15                           | 7 0                            | 12 6                            | 17 12                           | 7 1                            | 12 6                            | 17 11                           |
| 12 7 | 7 4                            | 12 21                           | 17 38                           | 7 9                            | 12 12                           | 17 14                           | 7 9                            | 12 10                           | 17 11                           | 7 9                            | 12 10                           | 17 10                           |
| 17   | 7 10                           | 12 25                           | 17 40                           | 7 16                           | 12 16                           | 17 17                           | 7 16                           | 12 15                           | 17 14                           | 7 16                           | 12 14                           | 17 12                           |
| 27   | 7 15                           | 12 30                           | 17 46                           | 7 21                           | 12 21                           | 17 22                           | 7 21                           | 12 20                           | 17 19                           | 7 21                           | 12 19                           | 17 17                           |
| 37   | 7 18                           | 12 35                           | 17 52                           | 7 23                           | 12 26                           | 17 29                           | 7 23                           | 12 24                           | 17 26                           | 7 23                           | 12 24                           | 17 25                           |
| 東 経  | 127° 40'                       |                                 |                                 | 129° 52'                       |                                 |                                 | 130° 18'                       |                                 |                                 | 130° 24'                       |                                 |                                 |
| 北 緯  | 26° 13'                        |                                 |                                 | 32° 45'                        |                                 |                                 | 33° 15'                        |                                 |                                 | 33° 35'                        |                                 |                                 |

東京の日出, 南中, 日入は太陽のページにある .

## 各地の日出, 南中, 日入 令和 8 年 2026 中央標準時

| 月 日  | 鹿 児 島                     |                           |                           | 熊 本                       |                           |                           | 宮 崎                       |                           |                           | 大 分                       |                           |                           |
|------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|      | 日出                        | 南中                        | 日入                        | 日出                        | 南中                        | 日入                        | 日出                        | 南中                        | 日入                        | 日出                        | 南中                        | 日入                        |
| 月 日  | <sup>h</sup> <sup>m</sup> | <sup>h</sup> <sup>m</sup> | <sup>h</sup> <sup>m</sup> | <sup>h</sup> <sup>m</sup> | <sup>h</sup> <sup>m</sup> | <sup>h</sup> <sup>m</sup> | <sup>h</sup> <sup>m</sup> | <sup>h</sup> <sup>m</sup> | <sup>h</sup> <sup>m</sup> | <sup>h</sup> <sup>m</sup> | <sup>h</sup> <sup>m</sup> | <sup>h</sup> <sup>m</sup> |
| 1 1  | 7 17                      | 12 21                     | 17 25                     | 7 19                      | 12 21                     | 17 22                     | 7 14                      | 12 18                     | 17 21                     | 7 17                      | 12 17                     | 17 17                     |
| 11   | 7 18                      | 12 26                     | 17 33                     | 7 20                      | 12 25                     | 17 30                     | 7 15                      | 12 22                     | 17 29                     | 7 18                      | 12 21                     | 17 25                     |
| 21   | 7 16                      | 12 29                     | 17 42                     | 7 18                      | 12 28                     | 17 39                     | 7 13                      | 12 26                     | 17 38                     | 7 15                      | 12 25                     | 17 34                     |
| 31   | 7 11                      | 12 31                     | 17 51                     | 7 13                      | 12 30                     | 17 48                     | 7 9                       | 12 28                     | 17 47                     | 7 10                      | 12 27                     | 17 44                     |
| 2 10 | 7 4                       | 12 32                     | 18 0                      | 7 5                       | 12 31                     | 17 58                     | 7 1                       | 12 28                     | 17 56                     | 7 2                       | 12 28                     | 17 54                     |
| 20   | 6 55                      | 12 32                     | 18 8                      | 6 56                      | 12 31                     | 18 7                      | 6 52                      | 12 28                     | 18 5                      | 6 52                      | 12 27                     | 18 3                      |
| 3 2  | 6 44                      | 12 30                     | 18 16                     | 6 44                      | 12 29                     | 18 15                     | 6 41                      | 12 26                     | 18 13                     | 6 41                      | 12 26                     | 18 11                     |
| 12   | 6 32                      | 12 28                     | 18 24                     | 6 32                      | 12 27                     | 18 23                     | 6 29                      | 12 24                     | 18 20                     | 6 28                      | 12 23                     | 18 19                     |
| 22   | 6 20                      | 12 25                     | 18 30                     | 6 19                      | 12 24                     | 18 30                     | 6 16                      | 12 21                     | 18 27                     | 6 15                      | 12 20                     | 18 26                     |
| 4 1  | 6 7                       | 12 22                     | 18 37                     | 6 6                       | 12 21                     | 18 37                     | 6 3                       | 12 18                     | 18 34                     | 6 2                       | 12 17                     | 18 34                     |
| 11   | 5 55                      | 12 19                     | 18 44                     | 5 53                      | 12 18                     | 18 44                     | 5 51                      | 12 15                     | 18 40                     | 5 49                      | 12 15                     | 18 41                     |
| 21   | 5 43                      | 12 17                     | 18 50                     | 5 41                      | 12 16                     | 18 51                     | 5 39                      | 12 13                     | 18 47                     | 5 37                      | 12 12                     | 18 48                     |
| 5 1  | 5 33                      | 12 15                     | 18 57                     | 5 30                      | 12 14                     | 18 59                     | 5 29                      | 12 11                     | 18 54                     | 5 26                      | 12 11                     | 18 56                     |
| 11   | 5 24                      | 12 14                     | 19 4                      | 5 21                      | 12 13                     | 19 6                      | 5 20                      | 12 11                     | 19 1                      | 5 17                      | 12 10                     | 19 3                      |
| 21   | 5 18                      | 12 14                     | 19 11                     | 5 15                      | 12 14                     | 19 13                     | 5 14                      | 12 11                     | 19 8                      | 5 10                      | 12 10                     | 19 10                     |
| 31   | 5 14                      | 12 15                     | 19 17                     | 5 10                      | 12 15                     | 19 20                     | 5 10                      | 12 12                     | 19 15                     | 5 6                       | 12 11                     | 19 17                     |
| 6 10 | 5 12                      | 12 17                     | 19 22                     | 5 8                       | 12 17                     | 19 25                     | 5 8                       | 12 14                     | 19 20                     | 5 4                       | 12 13                     | 19 22                     |
| 20   | 5 13                      | 12 19                     | 19 26                     | 5 9                       | 12 19                     | 19 28                     | 5 9                       | 12 16                     | 19 23                     | 5 4                       | 12 15                     | 19 26                     |
| 30   | 5 16                      | 12 21                     | 19 27                     | 5 12                      | 12 21                     | 19 29                     | 5 12                      | 12 18                     | 19 24                     | 5 7                       | 12 17                     | 19 27                     |
| 7 10 | 5 20                      | 12 23                     | 19 26                     | 5 17                      | 12 22                     | 19 28                     | 5 16                      | 12 20                     | 19 23                     | 5 12                      | 12 19                     | 19 26                     |
| 20   | 5 26                      | 12 24                     | 19 22                     | 5 23                      | 12 24                     | 19 24                     | 5 22                      | 12 21                     | 19 19                     | 5 18                      | 12 20                     | 19 21                     |
| 30   | 5 32                      | 12 24                     | 19 16                     | 5 29                      | 12 24                     | 19 18                     | 5 28                      | 12 21                     | 19 13                     | 5 25                      | 12 20                     | 19 15                     |
| 8 9  | 5 39                      | 12 23                     | 19 8                      | 5 36                      | 12 23                     | 19 9                      | 5 35                      | 12 20                     | 19 5                      | 5 32                      | 12 19                     | 19 6                      |
| 19   | 5 45                      | 12 22                     | 18 57                     | 5 43                      | 12 21                     | 18 58                     | 5 41                      | 12 18                     | 18 54                     | 5 39                      | 12 17                     | 18 55                     |
| 29   | 5 51                      | 12 19                     | 18 46                     | 5 49                      | 12 18                     | 18 46                     | 5 48                      | 12 15                     | 18 43                     | 5 45                      | 12 15                     | 18 43                     |
| 9 8  | 5 57                      | 12 16                     | 18 33                     | 5 56                      | 12 15                     | 18 33                     | 5 54                      | 12 12                     | 18 30                     | 5 52                      | 12 11                     | 18 30                     |
| 18   | 6 3                       | 12 12                     | 18 20                     | 6 2                       | 12 11                     | 18 20                     | 6 0                       | 12 9                      | 18 17                     | 5 59                      | 12 8                      | 18 16                     |
| 28   | 6 9                       | 12 9                      | 18 7                      | 6 9                       | 12 8                      | 18 6                      | 6 6                       | 12 5                      | 18 4                      | 6 5                       | 12 4                      | 18 3                      |
| 10 8 | 6 16                      | 12 5                      | 17 55                     | 6 16                      | 12 5                      | 17 53                     | 6 12                      | 12 2                      | 17 51                     | 6 12                      | 12 1                      | 17 50                     |
| 18   | 6 23                      | 12 3                      | 17 43                     | 6 23                      | 12 2                      | 17 41                     | 6 19                      | 12 0                      | 17 39                     | 6 20                      | 11 59                     | 17 37                     |
| 28   | 6 30                      | 12 2                      | 17 33                     | 6 31                      | 12 1                      | 17 30                     | 6 27                      | 11 58                     | 17 29                     | 6 28                      | 11 57                     | 17 26                     |
| 11 7 | 6 38                      | 12 1                      | 17 24                     | 6 40                      | 12 1                      | 17 22                     | 6 35                      | 11 58                     | 17 20                     | 6 37                      | 11 57                     | 17 17                     |
| 17   | 6 47                      | 12 3                      | 17 18                     | 6 49                      | 12 2                      | 17 15                     | 6 44                      | 11 59                     | 17 14                     | 6 46                      | 11 58                     | 17 11                     |
| 27   | 6 56                      | 12 5                      | 17 15                     | 6 58                      | 12 5                      | 17 11                     | 6 53                      | 12 2                      | 17 11                     | 6 55                      | 12 1                      | 17 7                      |
| 12 7 | 7 4                       | 12 9                      | 17 14                     | 7 6                       | 12 8                      | 17 11                     | 7 1                       | 12 6                      | 17 10                     | 7 3                       | 12 5                      | 17 6                      |
| 17   | 7 11                      | 12 14                     | 17 17                     | 7 13                      | 12 13                     | 17 13                     | 7 8                       | 12 10                     | 17 13                     | 7 10                      | 12 9                      | 17 8                      |
| 27   | 7 16                      | 12 19                     | 17 22                     | 7 18                      | 12 18                     | 17 18                     | 7 13                      | 12 15                     | 17 18                     | 7 15                      | 12 14                     | 17 13                     |
| 37   | 7 18                      | 12 23                     | 17 29                     | 7 20                      | 12 23                     | 17 25                     | 7 15                      | 12 20                     | 17 25                     | 7 18                      | 12 19                     | 17 21                     |
| 東 経  | 130° 33'                  |                           |                           | 130° 43'                  |                           |                           | 131° 25'                  |                           |                           | 131° 37'                  |                           |                           |
| 北 緯  | 31° 36'                   |                           |                           | 32° 48'                   |                           |                           | 31° 54'                   |                           |                           | 33° 14'                   |                           |                           |

東京の日出, 南中, 日入は太陽のページにある。

## 各地の日出, 南中, 日入

令和 8 年

2026

中央標準時

| 月 日  | 松 山                            |                                 |                                 | 高 知                            |                                |                                | 高 松                            |                                |                                | 徳 島                           |                                |                                |
|------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|
|      | 日出                             | 南中                              | 日入                              | 日出                             | 南中                             | 日入                             | 日出                             | 南中                             | 日入                             | 日出                            | 南中                             | 日入                             |
| 1 1  | 7 <sup>h</sup> 14 <sup>m</sup> | 12 <sup>h</sup> 12 <sup>m</sup> | 17 <sup>h</sup> 11 <sup>m</sup> | 7 <sup>h</sup> 10 <sup>m</sup> | 12 <sup>h</sup> 9 <sup>m</sup> | 17 <sup>h</sup> 9 <sup>m</sup> | 7 <sup>h</sup> 10 <sup>m</sup> | 12 <sup>h</sup> 7 <sup>m</sup> | 17 <sup>h</sup> 5 <sup>m</sup> | 7 <sup>h</sup> 7 <sup>m</sup> | 12 <sup>h</sup> 5 <sup>m</sup> | 17 <sup>h</sup> 3 <sup>m</sup> |
| 11   | 7 14                           | 12 17                           | 17 19                           | 7 11                           | 12 14                          | 17 17                          | 7 10                           | 12 12                          | 17 13                          | 7 8                           | 12 10                          | 17 12                          |
| 21   | 7 12                           | 12 20                           | 17 29                           | 7 8                            | 12 17                          | 17 26                          | 7 8                            | 12 15                          | 17 22                          | 7 5                           | 12 13                          | 17 21                          |
| 31   | 7 7                            | 12 22                           | 17 38                           | 7 3                            | 12 19                          | 17 36                          | 7 2                            | 12 17                          | 17 32                          | 7 0                           | 12 15                          | 17 31                          |
| 2 10 | 6 59                           | 12 23                           | 17 48                           | 6 55                           | 12 20                          | 17 45                          | 6 54                           | 12 18                          | 17 42                          | 6 52                          | 12 16                          | 17 41                          |
| 20   | 6 48                           | 12 23                           | 17 57                           | 6 45                           | 12 20                          | 17 55                          | 6 44                           | 12 18                          | 17 52                          | 6 42                          | 12 16                          | 17 50                          |
| 3 2  | 6 37                           | 12 21                           | 18 6                            | 6 33                           | 12 18                          | 18 3                           | 6 32                           | 12 16                          | 18 0                           | 6 30                          | 12 14                          | 17 59                          |
| 12   | 6 24                           | 12 19                           | 18 14                           | 6 21                           | 12 16                          | 18 11                          | 6 19                           | 12 14                          | 18 9                           | 6 17                          | 12 12                          | 18 7                           |
| 22   | 6 11                           | 12 16                           | 18 22                           | 6 7                            | 12 13                          | 18 19                          | 6 5                            | 12 11                          | 18 17                          | 6 3                           | 12 9                           | 18 15                          |
| 4 1  | 5 57                           | 12 13                           | 18 29                           | 5 54                           | 12 10                          | 18 26                          | 5 52                           | 12 8                           | 18 24                          | 5 50                          | 12 6                           | 18 22                          |
| 11   | 5 44                           | 12 10                           | 18 37                           | 5 41                           | 12 7                           | 18 33                          | 5 38                           | 12 5                           | 18 32                          | 5 36                          | 12 3                           | 18 30                          |
| 21   | 5 31                           | 12 8                            | 18 44                           | 5 29                           | 12 5                           | 18 41                          | 5 26                           | 12 3                           | 18 40                          | 5 24                          | 12 1                           | 18 38                          |
| 5 1  | 5 20                           | 12 6                            | 18 52                           | 5 18                           | 12 3                           | 18 49                          | 5 15                           | 12 1                           | 18 48                          | 5 13                          | 11 59                          | 18 45                          |
| 11   | 5 11                           | 12 5                            | 19 0                            | 5 9                            | 12 2                           | 18 56                          | 5 5                            | 12 0                           | 18 56                          | 5 4                           | 11 58                          | 18 53                          |
| 21   | 5 4                            | 12 6                            | 19 7                            | 5 2                            | 12 2                           | 19 4                           | 4 58                           | 12 0                           | 19 3                           | 4 57                          | 11 58                          | 19 1                           |
| 31   | 5 0                            | 12 7                            | 19 14                           | 4 57                           | 12 4                           | 19 10                          | 4 53                           | 12 1                           | 19 10                          | 4 52                          | 11 59                          | 19 7                           |
| 6 10 | 4 58                           | 12 8                            | 19 19                           | 4 55                           | 12 5                           | 19 15                          | 4 51                           | 12 3                           | 19 15                          | 4 50                          | 12 1                           | 19 13                          |
| 20   | 4 58                           | 12 10                           | 19 23                           | 4 56                           | 12 7                           | 19 19                          | 4 52                           | 12 5                           | 19 19                          | 4 50                          | 12 3                           | 19 16                          |
| 30   | 5 1                            | 12 13                           | 19 24                           | 4 59                           | 12 9                           | 19 20                          | 4 55                           | 12 7                           | 19 20                          | 4 53                          | 12 5                           | 19 17                          |
| 7 10 | 5 6                            | 12 14                           | 19 22                           | 5 4                            | 12 11                          | 19 19                          | 4 59                           | 12 9                           | 19 19                          | 4 58                          | 12 7                           | 19 16                          |
| 20   | 5 12                           | 12 15                           | 19 18                           | 5 10                           | 12 12                          | 19 15                          | 5 6                            | 12 10                          | 19 14                          | 5 4                           | 12 8                           | 19 12                          |
| 30   | 5 19                           | 12 15                           | 19 12                           | 5 16                           | 12 12                          | 19 8                           | 5 13                           | 12 10                          | 19 7                           | 5 11                          | 12 8                           | 19 5                           |
| 8 9  | 5 26                           | 12 15                           | 19 2                            | 5 23                           | 12 11                          | 18 59                          | 5 20                           | 12 9                           | 18 58                          | 5 19                          | 12 7                           | 18 56                          |
| 19   | 5 33                           | 12 13                           | 18 52                           | 5 31                           | 12 10                          | 18 48                          | 5 27                           | 12 8                           | 18 47                          | 5 26                          | 12 6                           | 18 45                          |
| 29   | 5 40                           | 12 10                           | 18 39                           | 5 37                           | 12 7                           | 18 36                          | 5 35                           | 12 5                           | 18 35                          | 5 33                          | 12 3                           | 18 32                          |
| 9 8  | 5 47                           | 12 7                            | 18 26                           | 5 44                           | 12 4                           | 18 23                          | 5 42                           | 12 2                           | 18 21                          | 5 40                          | 12 0                           | 18 19                          |
| 18   | 5 54                           | 12 3                            | 18 12                           | 5 51                           | 12 0                           | 18 9                           | 5 49                           | 11 58                          | 18 7                           | 5 47                          | 11 56                          | 18 5                           |
| 28   | 6 1                            | 12 0                            | 17 58                           | 5 58                           | 11 57                          | 17 55                          | 5 56                           | 11 55                          | 17 53                          | 5 54                          | 11 53                          | 17 51                          |
| 10 8 | 6 8                            | 11 57                           | 17 45                           | 6 5                            | 11 54                          | 17 42                          | 6 3                            | 11 51                          | 17 39                          | 6 1                           | 11 49                          | 17 37                          |
| 18   | 6 16                           | 11 54                           | 17 32                           | 6 12                           | 11 51                          | 17 29                          | 6 11                           | 11 49                          | 17 26                          | 6 9                           | 11 47                          | 17 25                          |
| 28   | 6 24                           | 11 53                           | 17 21                           | 6 21                           | 11 50                          | 17 18                          | 6 20                           | 11 48                          | 17 15                          | 6 17                          | 11 46                          | 17 13                          |
| 11 7 | 6 33                           | 11 53                           | 17 12                           | 6 30                           | 11 50                          | 17 9                           | 6 29                           | 11 47                          | 17 6                           | 6 26                          | 11 45                          | 17 4                           |
| 17   | 6 42                           | 11 54                           | 17 5                            | 6 39                           | 11 51                          | 17 2                           | 6 38                           | 11 49                          | 16 59                          | 6 36                          | 11 47                          | 16 57                          |
| 27   | 6 52                           | 11 56                           | 17 1                            | 6 48                           | 11 53                          | 16 59                          | 6 48                           | 11 51                          | 16 55                          | 6 45                          | 11 49                          | 16 53                          |
| 12 7 | 7 0                            | 12 0                            | 17 0                            | 6 56                           | 11 57                          | 16 58                          | 6 56                           | 11 55                          | 16 54                          | 6 54                          | 11 53                          | 16 52                          |
| 17   | 7 7                            | 12 5                            | 17 2                            | 7 4                            | 12 2                           | 17 0                           | 7 4                            | 12 0                           | 16 56                          | 7 1                           | 11 58                          | 16 55                          |
| 27   | 7 12                           | 12 10                           | 17 7                            | 7 8                            | 12 7                           | 17 5                           | 7 8                            | 12 5                           | 17 1                           | 7 6                           | 12 3                           | 17 0                           |
| 37   | 7 14                           | 12 14                           | 17 15                           | 7 11                           | 12 11                          | 17 12                          | 7 11                           | 12 9                           | 17 8                           | 7 8                           | 12 7                           | 17 7                           |
| 東 経  | 132° 46'                       |                                 |                                 | 133° 32'                       |                                |                                | 134° 03'                       |                                |                                | 134° 33'                      |                                |                                |
| 北 緯  | 33° 50'                        |                                 |                                 | 33° 33'                        |                                |                                | 34° 21'                        |                                |                                | 34° 04'                       |                                |                                |

東京の日出, 南中, 日入は太陽のページにある。



## 各地の日出, 南中, 日入 令和 8 年 2026 中央標準時

| 月 日  | 山 口                            |                                 |                                 | 広 島                            |                                 |                                 | 松 江                            |                                 |                                | 岡 山                            |                                |                                |
|------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
|      | 日出                             | 南中                              | 日入                              | 日出                             | 南中                              | 日入                              | 日出                             | 南中                              | 日入                             | 日出                             | 南中                             | 日入                             |
| 1 1  | 7 <sup>h</sup> 20 <sup>m</sup> | 12 <sup>h</sup> 18 <sup>m</sup> | 17 <sup>h</sup> 15 <sup>m</sup> | 7 <sup>h</sup> 16 <sup>m</sup> | 12 <sup>h</sup> 14 <sup>m</sup> | 17 <sup>h</sup> 11 <sup>m</sup> | 7 <sup>h</sup> 17 <sup>m</sup> | 12 <sup>h</sup> 11 <sup>m</sup> | 17 <sup>h</sup> 6 <sup>m</sup> | 7 <sup>h</sup> 11 <sup>m</sup> | 12 <sup>h</sup> 8 <sup>m</sup> | 17 <sup>h</sup> 4 <sup>m</sup> |
| 11   | 7 20                           | 12 22                           | 17 24                           | 7 17                           | 12 18                           | 17 19                           | 7 17                           | 12 16                           | 17 14                          | 7 12                           | 12 12                          | 17 13                          |
| 21   | 7 18                           | 12 25                           | 17 33                           | 7 14                           | 12 21                           | 17 29                           | 7 14                           | 12 19                           | 17 24                          | 7 9                            | 12 15                          | 17 22                          |
| 31   | 7 12                           | 12 27                           | 17 43                           | 7 9                            | 12 24                           | 17 39                           | 7 8                            | 12 21                           | 17 34                          | 7 3                            | 12 18                          | 17 32                          |
| 2 10 | 7 4                            | 12 28                           | 17 53                           | 7 1                            | 12 24                           | 17 49                           | 7 0                            | 12 22                           | 17 45                          | 6 55                           | 12 18                          | 17 42                          |
| 20   | 6 54                           | 12 28                           | 18 2                            | 6 50                           | 12 24                           | 17 58                           | 6 49                           | 12 22                           | 17 54                          | 6 45                           | 12 18                          | 17 52                          |
| 3 2  | 6 42                           | 12 26                           | 18 11                           | 6 38                           | 12 22                           | 18 7                            | 6 37                           | 12 20                           | 18 4                           | 6 33                           | 12 16                          | 18 1                           |
| 12   | 6 29                           | 12 24                           | 18 19                           | 6 25                           | 12 20                           | 18 15                           | 6 23                           | 12 18                           | 18 12                          | 6 20                           | 12 14                          | 18 9                           |
| 22   | 6 16                           | 12 21                           | 18 27                           | 6 12                           | 12 17                           | 18 23                           | 6 9                            | 12 15                           | 18 21                          | 6 6                            | 12 11                          | 18 17                          |
| 4 1  | 6 2                            | 12 18                           | 18 35                           | 5 58                           | 12 14                           | 18 31                           | 5 55                           | 12 12                           | 18 29                          | 5 52                           | 12 8                           | 18 25                          |
| 11   | 5 49                           | 12 15                           | 18 42                           | 5 45                           | 12 11                           | 18 39                           | 5 41                           | 12 9                            | 18 37                          | 5 38                           | 12 5                           | 18 33                          |
| 21   | 5 36                           | 12 13                           | 18 50                           | 5 32                           | 12 9                            | 18 46                           | 5 28                           | 12 7                            | 18 45                          | 5 26                           | 12 3                           | 18 41                          |
| 5 1  | 5 25                           | 12 11                           | 18 58                           | 5 21                           | 12 7                            | 18 54                           | 5 17                           | 12 5                            | 18 54                          | 5 14                           | 12 1                           | 18 49                          |
| 11   | 5 16                           | 12 10                           | 19 6                            | 5 11                           | 12 7                            | 19 2                            | 5 7                            | 12 4                            | 19 2                           | 5 5                            | 12 1                           | 18 57                          |
| 21   | 5 9                            | 12 11                           | 19 13                           | 5 4                            | 12 7                            | 19 10                           | 4 59                           | 12 4                            | 19 10                          | 4 58                           | 12 1                           | 19 4                           |
| 31   | 5 4                            | 12 12                           | 19 20                           | 4 59                           | 12 8                            | 19 17                           | 4 54                           | 12 5                            | 19 17                          | 4 53                           | 12 2                           | 19 11                          |
| 6 10 | 5 2                            | 12 14                           | 19 25                           | 4 57                           | 12 10                           | 19 22                           | 4 52                           | 12 7                            | 19 23                          | 4 51                           | 12 4                           | 19 17                          |
| 20   | 5 2                            | 12 16                           | 19 29                           | 4 58                           | 12 12                           | 19 25                           | 4 53                           | 12 9                            | 19 26                          | 4 51                           | 12 6                           | 19 20                          |
| 30   | 5 5                            | 12 18                           | 19 30                           | 5 1                            | 12 14                           | 19 27                           | 4 56                           | 12 11                           | 19 27                          | 4 54                           | 12 8                           | 19 21                          |
| 7 10 | 5 10                           | 12 19                           | 19 29                           | 5 6                            | 12 16                           | 19 25                           | 5 1                            | 12 13                           | 19 26                          | 4 59                           | 12 10                          | 19 20                          |
| 20   | 5 16                           | 12 21                           | 19 24                           | 5 12                           | 12 17                           | 19 21                           | 5 7                            | 12 14                           | 19 21                          | 5 5                            | 12 11                          | 19 16                          |
| 30   | 5 23                           | 12 21                           | 19 17                           | 5 19                           | 12 17                           | 19 14                           | 5 14                           | 12 14                           | 19 14                          | 5 12                           | 12 11                          | 19 9                           |
| 8 9  | 5 31                           | 12 20                           | 19 8                            | 5 26                           | 12 16                           | 19 5                            | 5 22                           | 12 13                           | 19 4                           | 5 20                           | 12 10                          | 18 59                          |
| 19   | 5 38                           | 12 18                           | 18 57                           | 5 34                           | 12 14                           | 18 54                           | 5 30                           | 12 12                           | 18 53                          | 5 27                           | 12 8                           | 18 48                          |
| 29   | 5 45                           | 12 15                           | 18 45                           | 5 41                           | 12 11                           | 18 41                           | 5 37                           | 12 9                            | 18 40                          | 5 35                           | 12 5                           | 18 35                          |
| 9 8  | 5 52                           | 12 12                           | 18 31                           | 5 48                           | 12 8                            | 18 27                           | 5 45                           | 12 6                            | 18 26                          | 5 42                           | 12 2                           | 18 22                          |
| 18   | 5 59                           | 12 8                            | 18 17                           | 5 55                           | 12 4                            | 18 13                           | 5 52                           | 12 2                            | 18 11                          | 5 49                           | 11 59                          | 18 8                           |
| 28   | 6 6                            | 12 5                            | 18 3                            | 6 2                            | 12 1                            | 17 59                           | 6 0                            | 11 59                           | 17 57                          | 5 56                           | 11 55                          | 17 53                          |
| 10 8 | 6 13                           | 12 2                            | 17 50                           | 6 10                           | 11 58                           | 17 46                           | 6 8                            | 11 55                           | 17 43                          | 6 4                            | 11 52                          | 17 39                          |
| 18   | 6 21                           | 11 59                           | 17 37                           | 6 18                           | 11 55                           | 17 33                           | 6 16                           | 11 53                           | 17 29                          | 6 12                           | 11 50                          | 17 27                          |
| 28   | 6 30                           | 11 58                           | 17 26                           | 6 26                           | 11 54                           | 17 21                           | 6 25                           | 11 52                           | 17 18                          | 6 21                           | 11 48                          | 17 15                          |
| 11 7 | 6 39                           | 11 58                           | 17 16                           | 6 35                           | 11 54                           | 17 12                           | 6 35                           | 11 51                           | 17 8                           | 6 30                           | 11 48                          | 17 6                           |
| 17   | 6 48                           | 11 59                           | 17 9                            | 6 45                           | 11 55                           | 17 5                            | 6 45                           | 11 53                           | 17 0                           | 6 39                           | 11 49                          | 16 59                          |
| 27   | 6 58                           | 12 2                            | 17 5                            | 6 54                           | 11 58                           | 17 1                            | 6 54                           | 11 55                           | 16 56                          | 6 49                           | 11 52                          | 16 54                          |
| 12 7 | 7 6                            | 12 5                            | 17 4                            | 7 3                            | 12 1                            | 17 0                            | 7 3                            | 11 59                           | 16 55                          | 6 58                           | 11 56                          | 16 53                          |
| 17   | 7 13                           | 12 10                           | 17 7                            | 7 10                           | 12 6                            | 17 2                            | 7 10                           | 12 4                            | 16 57                          | 7 5                            | 12 0                           | 16 55                          |
| 27   | 7 18                           | 12 15                           | 17 12                           | 7 15                           | 12 11                           | 17 7                            | 7 15                           | 12 9                            | 17 2                           | 7 10                           | 12 5                           | 17 1                           |
| 37   | 7 20                           | 12 20                           | 17 19                           | 7 17                           | 12 16                           | 17 15                           | 7 17                           | 12 13                           | 17 10                          | 7 12                           | 12 10                          | 17 8                           |
| 東 経  | 131° 28'                       |                                 |                                 | 132° 27'                       |                                 |                                 | 133° 03'                       |                                 |                                | 133° 56'                       |                                |                                |
| 北 緯  | 34° 11'                        |                                 |                                 | 34° 23'                        |                                 |                                 | 35° 28'                        |                                 |                                | 34° 40'                        |                                |                                |

東京の日出, 南中, 日入は太陽のページにある。

## 各地の日出, 南中, 日入 令和 8 年 2026 中央標準時

| 月日   | 鳥 取                            |                                |                                | 和 歌 山                         |                                |                                | 神 戸                           |                                |                                 | 大 阪                           |                                |                                 |
|------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|---------------------------------|-------------------------------|--------------------------------|---------------------------------|
|      | 日出                             | 南中                             | 日入                             | 日出                            | 南中                             | 日入                             | 日出                            | 南中                             | 日入                              | 日出                            | 南中                             | 日入                              |
| 1 1  | 7 <sup>h</sup> 12 <sup>m</sup> | 12 <sup>h</sup> 6 <sup>m</sup> | 17 <sup>h</sup> 1 <sup>m</sup> | 7 <sup>h</sup> 5 <sup>m</sup> | 12 <sup>h</sup> 3 <sup>m</sup> | 17 <sup>h</sup> 0 <sup>m</sup> | 7 <sup>h</sup> 6 <sup>m</sup> | 12 <sup>h</sup> 3 <sup>m</sup> | 16 <sup>h</sup> 59 <sup>m</sup> | 7 <sup>h</sup> 5 <sup>m</sup> | 12 <sup>h</sup> 1 <sup>m</sup> | 16 <sup>h</sup> 58 <sup>m</sup> |
| 11   | 7 13                           | 12 11                          | 17 9                           | 7 6                           | 12 7                           | 17 9                           | 7 7                           | 12 7                           | 17 8                            | 7 6                           | 12 6                           | 17 6                            |
| 21   | 7 10                           | 12 14                          | 17 19                          | 7 3                           | 12 11                          | 17 18                          | 7 4                           | 12 10                          | 17 17                           | 7 3                           | 12 9                           | 17 16                           |
| 31   | 7 4                            | 12 16                          | 17 29                          | 6 58                          | 12 13                          | 17 28                          | 6 58                          | 12 13                          | 17 27                           | 6 57                          | 12 11                          | 17 26                           |
| 2 10 | 6 55                           | 12 17                          | 17 40                          | 6 50                          | 12 13                          | 17 38                          | 6 50                          | 12 13                          | 17 37                           | 6 49                          | 12 12                          | 17 36                           |
| 20   | 6 44                           | 12 17                          | 17 50                          | 6 39                          | 12 13                          | 17 47                          | 6 40                          | 12 13                          | 17 47                           | 6 39                          | 12 12                          | 17 45                           |
| 3 2  | 6 32                           | 12 15                          | 17 59                          | 6 27                          | 12 11                          | 17 56                          | 6 28                          | 12 11                          | 17 56                           | 6 27                          | 12 10                          | 17 54                           |
| 12   | 6 19                           | 12 13                          | 18 8                           | 6 14                          | 12 9                           | 18 4                           | 6 15                          | 12 9                           | 18 4                            | 6 13                          | 12 8                           | 18 3                            |
| 22   | 6 4                            | 12 10                          | 18 16                          | 6 1                           | 12 6                           | 18 12                          | 6 1                           | 12 6                           | 18 12                           | 6 0                           | 12 5                           | 18 11                           |
| 4 1  | 5 50                           | 12 7                           | 18 24                          | 5 47                          | 12 3                           | 18 20                          | 5 47                          | 12 3                           | 18 20                           | 5 46                          | 12 2                           | 18 19                           |
| 11   | 5 36                           | 12 4                           | 18 32                          | 5 34                          | 12 0                           | 18 28                          | 5 33                          | 12 0                           | 18 28                           | 5 32                          | 11 59                          | 18 27                           |
| 21   | 5 23                           | 12 2                           | 18 41                          | 5 21                          | 11 58                          | 18 35                          | 5 21                          | 11 58                          | 18 36                           | 5 20                          | 11 57                          | 18 35                           |
| 5 1  | 5 12                           | 12 0                           | 18 49                          | 5 10                          | 11 56                          | 18 43                          | 5 9                           | 11 56                          | 18 44                           | 5 8                           | 11 55                          | 18 43                           |
| 11   | 5 2                            | 11 59                          | 18 57                          | 5 1                           | 11 56                          | 18 51                          | 5 0                           | 11 56                          | 18 52                           | 4 59                          | 11 54                          | 18 51                           |
| 21   | 4 54                           | 12 0                           | 19 5                           | 4 54                          | 11 56                          | 18 59                          | 4 53                          | 11 56                          | 19 0                            | 4 51                          | 11 55                          | 18 58                           |
| 31   | 4 49                           | 12 1                           | 19 12                          | 4 49                          | 11 57                          | 19 5                           | 4 48                          | 11 57                          | 19 6                            | 4 47                          | 11 56                          | 19 5                            |
| 6 10 | 4 47                           | 12 2                           | 19 18                          | 4 47                          | 11 59                          | 19 11                          | 4 46                          | 11 59                          | 19 12                           | 4 44                          | 11 57                          | 19 11                           |
| 20   | 4 48                           | 12 5                           | 19 21                          | 4 47                          | 12 1                           | 19 14                          | 4 46                          | 12 1                           | 19 15                           | 4 45                          | 12 0                           | 19 14                           |
| 30   | 4 51                           | 12 7                           | 19 23                          | 4 50                          | 12 3                           | 19 15                          | 4 49                          | 12 3                           | 19 17                           | 4 48                          | 12 2                           | 19 15                           |
| 7 10 | 4 56                           | 12 8                           | 19 21                          | 4 55                          | 12 5                           | 19 14                          | 4 54                          | 12 5                           | 19 15                           | 4 53                          | 12 3                           | 19 14                           |
| 20   | 5 2                            | 12 9                           | 19 16                          | 5 1                           | 12 6                           | 19 10                          | 5 0                           | 12 6                           | 19 11                           | 4 59                          | 12 4                           | 19 9                            |
| 30   | 5 10                           | 12 10                          | 19 9                           | 5 8                           | 12 6                           | 19 3                           | 5 7                           | 12 6                           | 19 4                            | 5 6                           | 12 5                           | 19 2                            |
| 8 9  | 5 17                           | 12 9                           | 19 0                           | 5 16                          | 12 5                           | 18 54                          | 5 15                          | 12 5                           | 18 54                           | 5 14                          | 12 4                           | 18 53                           |
| 19   | 5 25                           | 12 7                           | 18 48                          | 5 23                          | 12 3                           | 18 43                          | 5 22                          | 12 3                           | 18 43                           | 5 21                          | 12 2                           | 18 42                           |
| 29   | 5 33                           | 12 4                           | 18 35                          | 5 30                          | 12 0                           | 18 30                          | 5 30                          | 12 0                           | 18 30                           | 5 28                          | 11 59                          | 18 29                           |
| 9 8  | 5 40                           | 12 1                           | 18 21                          | 5 37                          | 11 57                          | 18 17                          | 5 37                          | 11 57                          | 18 17                           | 5 36                          | 11 56                          | 18 16                           |
| 18   | 5 48                           | 11 57                          | 18 7                           | 5 44                          | 11 54                          | 18 3                           | 5 44                          | 11 54                          | 18 3                            | 5 43                          | 11 52                          | 18 1                            |
| 28   | 5 55                           | 11 54                          | 17 52                          | 5 51                          | 11 50                          | 17 48                          | 5 51                          | 11 50                          | 17 48                           | 5 50                          | 11 49                          | 17 47                           |
| 10 8 | 6 3                            | 11 51                          | 17 38                          | 5 59                          | 11 47                          | 17 35                          | 5 59                          | 11 47                          | 17 34                           | 5 58                          | 11 46                          | 17 33                           |
| 18   | 6 12                           | 11 48                          | 17 25                          | 6 7                           | 11 45                          | 17 22                          | 6 7                           | 11 45                          | 17 22                           | 6 6                           | 11 43                          | 17 20                           |
| 28   | 6 20                           | 11 47                          | 17 13                          | 6 15                          | 11 43                          | 17 11                          | 6 16                          | 11 43                          | 17 10                           | 6 14                          | 11 42                          | 17 9                            |
| 11 7 | 6 30                           | 11 47                          | 17 3                           | 6 24                          | 11 43                          | 17 1                           | 6 25                          | 11 43                          | 17 1                            | 6 24                          | 11 42                          | 16 59                           |
| 17   | 6 40                           | 11 48                          | 16 56                          | 6 34                          | 11 44                          | 16 55                          | 6 34                          | 11 44                          | 16 54                           | 6 33                          | 11 43                          | 16 52                           |
| 27   | 6 50                           | 11 51                          | 16 51                          | 6 43                          | 11 47                          | 16 50                          | 6 44                          | 11 47                          | 16 49                           | 6 43                          | 11 46                          | 16 48                           |
| 12 7 | 6 58                           | 11 54                          | 16 50                          | 6 52                          | 11 51                          | 16 49                          | 6 53                          | 11 51                          | 16 48                           | 6 51                          | 11 49                          | 16 47                           |
| 17   | 7 6                            | 11 59                          | 16 52                          | 6 59                          | 11 55                          | 16 52                          | 7 0                           | 11 55                          | 16 50                           | 6 59                          | 11 54                          | 16 49                           |
| 27   | 7 11                           | 12 4                           | 16 57                          | 7 4                           | 12 0                           | 16 57                          | 7 5                           | 12 0                           | 16 56                           | 7 4                           | 11 59                          | 16 54                           |
| 37   | 7 13                           | 12 9                           | 17 5                           | 7 6                           | 12 5                           | 17 4                           | 7 7                           | 12 5                           | 17 3                            | 7 6                           | 12 4                           | 17 2                            |
| 東 経  | 134° 14'                       |                                |                                | 135° 10'                      |                                |                                | 135° 11'                      |                                |                                 | 135° 29'                      |                                |                                 |
| 北 緯  | 35° 30'                        |                                |                                | 34° 14'                       |                                |                                | 34° 41'                       |                                |                                 | 34° 41'                       |                                |                                 |

東京の日出, 南中, 日入は太陽のページにある。

## 各地の日出, 南中, 日入 令和 8 年 2026 中央標準時

| 月日   | 京 都                       |                           |                           | 奈 良                       |                           |                           | 大 津                       |                           |                           | 福 井                       |                           |                           |
|------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|      | 日出                        | 南中                        | 日入                        | 日出                        | 南中                        | 日入                        | 日出                        | 南中                        | 日入                        | 日出                        | 南中                        | 日入                        |
| 月日   | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> |
| 1 1  | 7 5                       | 12 0                      | 16 56 <sup>m</sup>        | 7 4                       | 12 0                      | 16 57 <sup>m</sup>        | 7 4                       | 12 0                      | 16 56 <sup>m</sup>        | 7 6                       | 11 59 <sup>m</sup>        | 16 51 <sup>m</sup>        |
| 11   | 7 5                       | 12 5                      | 17 4                      | 7 4                       | 12 4                      | 17 5                      | 7 5                       | 12 4                      | 17 4                      | 7 6                       | 12 3                      | 17 0                      |
| 21   | 7 3                       | 12 8                      | 17 14                     | 7 1                       | 12 8                      | 17 15                     | 7 2                       | 12 8                      | 17 14                     | 7 3                       | 12 6                      | 17 10                     |
| 31   | 6 57                      | 12 10                     | 17 24                     | 6 56                      | 12 10                     | 17 25                     | 6 56                      | 12 10                     | 17 24                     | 6 57                      | 12 8                      | 17 20                     |
| 2 10 | 6 48                      | 12 11                     | 17 34                     | 6 48                      | 12 11                     | 17 35                     | 6 48                      | 12 11                     | 17 34                     | 6 48                      | 12 9                      | 17 31                     |
| 20   | 6 38                      | 12 11                     | 17 44                     | 6 37                      | 12 10                     | 17 44                     | 6 37                      | 12 10                     | 17 44                     | 6 37                      | 12 9                      | 17 41                     |
| 3 2  | 6 26                      | 12 9                      | 17 53                     | 6 25                      | 12 9                      | 17 53                     | 6 25                      | 12 9                      | 17 53                     | 6 25                      | 12 7                      | 17 51                     |
| 12   | 6 12                      | 12 7                      | 18 2                      | 6 12                      | 12 6                      | 18 2                      | 6 12                      | 12 6                      | 18 1                      | 6 11                      | 12 5                      | 18 0                      |
| 22   | 5 58                      | 12 4                      | 18 10                     | 5 58                      | 12 4                      | 18 10                     | 5 58                      | 12 3                      | 18 10                     | 5 57                      | 12 2                      | 18 8                      |
| 4 1  | 5 44                      | 12 1                      | 18 18                     | 5 44                      | 12 1                      | 18 17                     | 5 44                      | 12 0                      | 18 18                     | 5 42                      | 11 59                     | 18 17                     |
| 11   | 5 31                      | 11 58                     | 18 26                     | 5 31                      | 11 58                     | 18 25                     | 5 30                      | 11 58                     | 18 25                     | 5 28                      | 11 56                     | 18 25                     |
| 21   | 5 18                      | 11 56                     | 18 34                     | 5 18                      | 11 55                     | 18 33                     | 5 18                      | 11 55                     | 18 34                     | 5 15                      | 11 54                     | 18 34                     |
| 5 1  | 5 7                       | 11 54                     | 18 42                     | 5 7                       | 11 54                     | 18 41                     | 5 6                       | 11 54                     | 18 42                     | 5 3                       | 11 52                     | 18 42                     |
| 11   | 4 57                      | 11 53                     | 18 50                     | 4 57                      | 11 53                     | 18 49                     | 4 57                      | 11 53                     | 18 50                     | 4 53                      | 11 51                     | 18 51                     |
| 21   | 4 50                      | 11 54                     | 18 58                     | 4 50                      | 11 53                     | 18 57                     | 4 49                      | 11 53                     | 18 58                     | 4 45                      | 11 52                     | 18 59                     |
| 31   | 4 45                      | 11 55                     | 19 5                      | 4 45                      | 11 54                     | 19 4                      | 4 44                      | 11 54                     | 19 4                      | 4 40                      | 11 53                     | 19 6                      |
| 6 10 | 4 42                      | 11 56                     | 19 10                     | 4 43                      | 11 56                     | 19 9                      | 4 42                      | 11 56                     | 19 10                     | 4 38                      | 11 55                     | 19 12                     |
| 20   | 4 43                      | 11 59                     | 19 14                     | 4 44                      | 11 58                     | 19 13                     | 4 43                      | 11 58                     | 19 14                     | 4 38                      | 11 57                     | 19 15                     |
| 30   | 4 46                      | 12 1                      | 19 15                     | 4 47                      | 12 0                      | 19 14                     | 4 46                      | 12 0                      | 19 15                     | 4 41                      | 11 59                     | 19 16                     |
| 7 10 | 4 51                      | 12 2                      | 19 14                     | 4 51                      | 12 2                      | 19 12                     | 4 50                      | 12 2                      | 19 13                     | 4 46                      | 12 0                      | 19 14                     |
| 20   | 4 57                      | 12 3                      | 19 9                      | 4 58                      | 12 3                      | 19 8                      | 4 57                      | 12 3                      | 19 9                      | 4 53                      | 12 2                      | 19 10                     |
| 30   | 5 4                       | 12 3                      | 19 2                      | 5 5                       | 12 3                      | 19 1                      | 5 4                       | 12 3                      | 19 2                      | 5 0                       | 12 2                      | 19 2                      |
| 8 9  | 5 12                      | 12 3                      | 18 53                     | 5 12                      | 12 2                      | 18 52                     | 5 12                      | 12 2                      | 18 52                     | 5 8                       | 12 1                      | 18 53                     |
| 19   | 5 20                      | 12 1                      | 18 41                     | 5 20                      | 12 0                      | 18 41                     | 5 19                      | 12 0                      | 18 41                     | 5 16                      | 11 59                     | 18 41                     |
| 29   | 5 27                      | 11 58                     | 18 29                     | 5 27                      | 11 58                     | 18 28                     | 5 27                      | 11 58                     | 18 28                     | 5 24                      | 11 56                     | 18 28                     |
| 9 8  | 5 34                      | 11 55                     | 18 15                     | 5 34                      | 11 54                     | 18 14                     | 5 34                      | 11 54                     | 18 14                     | 5 32                      | 11 53                     | 18 14                     |
| 18   | 5 42                      | 11 51                     | 18 0                      | 5 41                      | 11 51                     | 18 0                      | 5 41                      | 11 51                     | 18 0                      | 5 39                      | 11 49                     | 17 59                     |
| 28   | 5 49                      | 11 48                     | 17 46                     | 5 49                      | 11 47                     | 17 46                     | 5 49                      | 11 47                     | 17 46                     | 5 47                      | 11 46                     | 17 44                     |
| 10 8 | 5 57                      | 11 45                     | 17 32                     | 5 56                      | 11 44                     | 17 32                     | 5 56                      | 11 44                     | 17 32                     | 5 55                      | 11 43                     | 17 30                     |
| 18   | 6 5                       | 11 42                     | 17 19                     | 6 4                       | 11 42                     | 17 19                     | 6 4                       | 11 42                     | 17 19                     | 6 4                       | 11 40                     | 17 16                     |
| 28   | 6 14                      | 11 41                     | 17 7                      | 6 13                      | 11 40                     | 17 8                      | 6 13                      | 11 40                     | 17 7                      | 6 13                      | 11 39                     | 17 4                      |
| 11 7 | 6 23                      | 11 41                     | 16 58                     | 6 22                      | 11 40                     | 16 58                     | 6 23                      | 11 40                     | 16 57                     | 6 23                      | 11 39                     | 16 54                     |
| 17   | 6 33                      | 11 42                     | 16 51                     | 6 32                      | 11 42                     | 16 51                     | 6 32                      | 11 41                     | 16 50                     | 6 33                      | 11 40                     | 16 47                     |
| 27   | 6 42                      | 11 44                     | 16 46                     | 6 41                      | 11 44                     | 16 47                     | 6 42                      | 11 44                     | 16 46                     | 6 43                      | 11 43                     | 16 42                     |
| 12 7 | 6 51                      | 11 48                     | 16 45                     | 6 50                      | 11 48                     | 16 46                     | 6 51                      | 11 48                     | 16 45                     | 6 52                      | 11 46                     | 16 41                     |
| 17   | 6 58                      | 11 53                     | 16 47                     | 6 57                      | 11 53                     | 16 48                     | 6 58                      | 11 52                     | 16 47                     | 6 59                      | 11 51                     | 16 43                     |
| 27   | 7 3                       | 11 58                     | 16 52                     | 7 2                       | 11 58                     | 16 53                     | 7 3                       | 11 57                     | 16 52                     | 7 4                       | 11 56                     | 16 48                     |
| 37   | 7 5                       | 12 3                      | 17 0                      | 7 4                       | 12 2                      | 17 0                      | 7 5                       | 12 2                      | 16 59                     | 7 6                       | 12 1                      | 16 55                     |
| 東 経  | 135° 45'                  |                           |                           | 135° 50'                  |                           |                           | 135° 52'                  |                           |                           | 136° 13'                  |                           |                           |
| 北 緯  | 35° 01'                   |                           |                           | 34° 41'                   |                           |                           | 35° 00'                   |                           |                           | 36° 04'                   |                           |                           |

東京の日出, 南中, 日入は太陽のページにある。

各地の日出,南中,日入 令和8年 2026 中央標準時

| 月日   | 津                         |                           |                           | 金 沢                       |                           |                           | 岐 阜                       |                           |                           | 名 古 屋                     |                           |                           |
|------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|      | 日出                        | 南中                        | 日入                        | 日出                        | 南中                        | 日入                        | 日出                        | 南中                        | 日入                        | 日出                        | 南中                        | 日入                        |
| 月日   | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> |
| 1 1  | 7 1                       | 11 57                     | 16 54                     | 7 5                       | 11 57                     | 16 48                     | 7 2                       | 11 56                     | 16 51                     | 7 1                       | 11 56                     | 16 51                     |
| 11   | 7 2                       | 12 2                      | 17 2                      | 7 5                       | 12 1                      | 16 57                     | 7 2                       | 12 1                      | 16 59                     | 7 1                       | 12 0                      | 16 59                     |
| 21   | 6 59                      | 12 5                      | 17 12                     | 7 2                       | 12 5                      | 17 7                      | 6 59                      | 12 4                      | 17 9                      | 6 58                      | 12 4                      | 17 9                      |
| 31   | 6 53                      | 12 7                      | 17 22                     | 6 56                      | 12 7                      | 17 18                     | 6 53                      | 12 6                      | 17 19                     | 6 52                      | 12 6                      | 17 19                     |
| 2 10 | 6 45                      | 12 8                      | 17 32                     | 6 47                      | 12 8                      | 17 28                     | 6 45                      | 12 7                      | 17 30                     | 6 44                      | 12 6                      | 17 29                     |
| 20   | 6 34                      | 12 8                      | 17 41                     | 6 36                      | 12 7                      | 17 39                     | 6 34                      | 12 7                      | 17 40                     | 6 33                      | 12 6                      | 17 39                     |
| 3 2  | 6 22                      | 12 6                      | 17 50                     | 6 23                      | 12 6                      | 17 48                     | 6 22                      | 12 5                      | 17 49                     | 6 21                      | 12 5                      | 17 48                     |
| 12   | 6 9                       | 12 4                      | 17 59                     | 6 9                       | 12 3                      | 17 58                     | 6 8                       | 12 3                      | 17 58                     | 6 8                       | 12 2                      | 17 57                     |
| 22   | 5 55                      | 12 1                      | 18 7                      | 5 55                      | 12 0                      | 18 7                      | 5 54                      | 12 0                      | 18 6                      | 5 54                      | 11 59                     | 18 5                      |
| 4 1  | 5 42                      | 11 58                     | 18 15                     | 5 40                      | 11 57                     | 18 15                     | 5 40                      | 11 57                     | 18 14                     | 5 40                      | 11 56                     | 18 13                     |
| 11   | 5 28                      | 11 55                     | 18 23                     | 5 26                      | 11 55                     | 18 24                     | 5 26                      | 11 54                     | 18 22                     | 5 26                      | 11 53                     | 18 21                     |
| 21   | 5 15                      | 11 53                     | 18 31                     | 5 12                      | 11 52                     | 18 33                     | 5 13                      | 11 52                     | 18 31                     | 5 13                      | 11 51                     | 18 30                     |
| 5 1  | 5 4                       | 11 51                     | 18 39                     | 5 0                       | 11 51                     | 18 41                     | 5 2                       | 11 50                     | 18 39                     | 5 2                       | 11 49                     | 18 38                     |
| 11   | 4 54                      | 11 50                     | 18 47                     | 4 50                      | 11 50                     | 18 50                     | 4 52                      | 11 49                     | 18 47                     | 4 52                      | 11 49                     | 18 46                     |
| 21   | 4 47                      | 11 51                     | 18 54                     | 4 42                      | 11 50                     | 18 58                     | 4 45                      | 11 50                     | 18 55                     | 4 45                      | 11 49                     | 18 54                     |
| 31   | 4 42                      | 11 52                     | 19 1                      | 4 37                      | 11 51                     | 19 5                      | 4 40                      | 11 51                     | 19 2                      | 4 40                      | 11 50                     | 19 1                      |
| 6 10 | 4 40                      | 11 53                     | 19 7                      | 4 35                      | 11 53                     | 19 11                     | 4 37                      | 11 52                     | 19 7                      | 4 37                      | 11 52                     | 19 6                      |
| 20   | 4 41                      | 11 55                     | 19 10                     | 4 35                      | 11 55                     | 19 15                     | 4 38                      | 11 54                     | 19 11                     | 4 38                      | 11 54                     | 19 10                     |
| 30   | 4 44                      | 11 58                     | 19 11                     | 4 38                      | 11 57                     | 19 16                     | 4 41                      | 11 57                     | 19 12                     | 4 41                      | 11 56                     | 19 11                     |
| 7 10 | 4 49                      | 11 59                     | 19 10                     | 4 43                      | 11 59                     | 19 14                     | 4 46                      | 11 58                     | 19 11                     | 4 46                      | 11 58                     | 19 9                      |
| 20   | 4 55                      | 12 0                      | 19 5                      | 4 50                      | 12 0                      | 19 9                      | 4 52                      | 11 59                     | 19 6                      | 4 52                      | 11 59                     | 19 5                      |
| 30   | 5 2                       | 12 0                      | 18 58                     | 4 57                      | 12 0                      | 19 2                      | 5 0                       | 11 59                     | 18 59                     | 4 59                      | 11 59                     | 18 58                     |
| 8 9  | 5 9                       | 12 0                      | 18 49                     | 5 6                       | 11 59                     | 18 52                     | 5 7                       | 11 59                     | 18 49                     | 5 7                       | 11 58                     | 18 48                     |
| 19   | 5 17                      | 11 58                     | 18 38                     | 5 14                      | 11 57                     | 18 40                     | 5 15                      | 11 57                     | 18 38                     | 5 15                      | 11 56                     | 18 37                     |
| 29   | 5 24                      | 11 55                     | 18 25                     | 5 22                      | 11 54                     | 18 27                     | 5 23                      | 11 54                     | 18 25                     | 5 22                      | 11 53                     | 18 24                     |
| 9 8  | 5 31                      | 11 52                     | 18 11                     | 5 30                      | 11 51                     | 18 12                     | 5 30                      | 11 51                     | 18 11                     | 5 30                      | 11 50                     | 18 10                     |
| 18   | 5 39                      | 11 48                     | 17 57                     | 5 38                      | 11 48                     | 17 57                     | 5 37                      | 11 47                     | 17 56                     | 5 37                      | 11 47                     | 17 56                     |
| 28   | 5 46                      | 11 45                     | 17 43                     | 5 46                      | 11 44                     | 17 42                     | 5 45                      | 11 44                     | 17 42                     | 5 44                      | 11 43                     | 17 41                     |
| 10 8 | 5 54                      | 11 42                     | 17 29                     | 5 54                      | 11 41                     | 17 28                     | 5 53                      | 11 41                     | 17 28                     | 5 52                      | 11 40                     | 17 27                     |
| 18   | 6 2                       | 11 39                     | 17 16                     | 6 3                       | 11 39                     | 17 14                     | 6 1                       | 11 38                     | 17 15                     | 6 0                       | 11 38                     | 17 14                     |
| 28   | 6 10                      | 11 38                     | 17 5                      | 6 12                      | 11 37                     | 17 2                      | 6 10                      | 11 37                     | 17 3                      | 6 9                       | 11 36                     | 17 3                      |
| 11 7 | 6 20                      | 11 38                     | 16 55                     | 6 22                      | 11 37                     | 16 51                     | 6 20                      | 11 37                     | 16 53                     | 6 19                      | 11 36                     | 16 53                     |
| 17   | 6 29                      | 11 39                     | 16 48                     | 6 32                      | 11 38                     | 16 44                     | 6 30                      | 11 38                     | 16 46                     | 6 28                      | 11 37                     | 16 46                     |
| 27   | 6 39                      | 11 41                     | 16 44                     | 6 42                      | 11 41                     | 16 39                     | 6 39                      | 11 40                     | 16 41                     | 6 38                      | 11 40                     | 16 41                     |
| 12 7 | 6 47                      | 11 45                     | 16 43                     | 6 52                      | 11 45                     | 16 38                     | 6 48                      | 11 44                     | 16 40                     | 6 47                      | 11 44                     | 16 40                     |
| 17   | 6 55                      | 11 50                     | 16 45                     | 6 59                      | 11 49                     | 16 40                     | 6 55                      | 11 49                     | 16 42                     | 6 54                      | 11 48                     | 16 42                     |
| 27   | 7 0                       | 11 55                     | 16 50                     | 7 4                       | 11 54                     | 16 45                     | 7 0                       | 11 54                     | 16 47                     | 6 59                      | 11 53                     | 16 47                     |
| 37   | 7 2                       | 11 59                     | 16 57                     | 7 6                       | 11 59                     | 16 52                     | 7 2                       | 11 58                     | 16 55                     | 7 1                       | 11 58                     | 16 55                     |
| 東 経  | 136° 31'                  |                           |                           | 136° 39'                  |                           |                           | 136° 46'                  |                           |                           | 136° 55'                  |                           |                           |
| 北 緯  | 34° 44'                   |                           |                           | 36° 34'                   |                           |                           | 35° 25'                   |                           |                           | 35° 10'                   |                           |                           |

東京の日出,南中,日入は太陽のページにある。

## 各地の日出, 南中, 日入 令和 8 年 2026 中央標準時

| 月日   | 富山                        |                           |                           | 長野                        |                           |                           | 静岡                        |                           |                           | 甲府                        |                           |                           |
|------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|      | 日出                        | 南中                        | 日入                        | 日出                        | 南中                        | 日入                        | 日出                        | 南中                        | 日入                        | 日出                        | 南中                        | 日入                        |
| 月日   | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> | <sup>h</sup> <sub>m</sub> |
| 1 1  | 7 3                       | 11 55                     | 16 46                     | 6 59                      | 11 51                     | 16 42                     | 6 54                      | 11 50                     | 16 46                     | 6 55                      | 11 49                     | 16 43                     |
| 11   | 7 4                       | 11 59                     | 16 54                     | 7 0                       | 11 55                     | 16 51                     | 6 55                      | 11 54                     | 16 54                     | 6 56                      | 11 53                     | 16 52                     |
| 21   | 7 0                       | 12 2                      | 17 5                      | 6 56                      | 11 58                     | 17 1                      | 6 52                      | 11 58                     | 17 4                      | 6 53                      | 11 57                     | 17 1                      |
| 31   | 6 54                      | 12 4                      | 17 15                     | 6 50                      | 12 1                      | 17 11                     | 6 46                      | 12 0                      | 17 14                     | 6 47                      | 11 59                     | 17 12                     |
| 2 10 | 6 45                      | 12 5                      | 17 26                     | 6 41                      | 12 1                      | 17 22                     | 6 38                      | 12 1                      | 17 24                     | 6 38                      | 12 0                      | 17 22                     |
| 20   | 6 34                      | 12 5                      | 17 36                     | 6 30                      | 12 1                      | 17 32                     | 6 27                      | 12 0                      | 17 34                     | 6 27                      | 11 59                     | 17 32                     |
| 3 2  | 6 21                      | 12 3                      | 17 46                     | 6 17                      | 11 59                     | 17 42                     | 6 15                      | 11 59                     | 17 43                     | 6 15                      | 11 58                     | 17 41                     |
| 12   | 6 7                       | 12 1                      | 17 55                     | 6 3                       | 11 57                     | 17 52                     | 6 2                       | 11 56                     | 17 51                     | 6 1                       | 11 56                     | 17 50                     |
| 22   | 5 52                      | 11 58                     | 18 4                      | 5 49                      | 11 54                     | 18 0                      | 5 48                      | 11 53                     | 17 59                     | 5 47                      | 11 53                     | 17 59                     |
| 4 1  | 5 38                      | 11 55                     | 18 13                     | 5 34                      | 11 51                     | 18 9                      | 5 34                      | 11 50                     | 18 7                      | 5 33                      | 11 50                     | 18 7                      |
| 11   | 5 23                      | 11 52                     | 18 22                     | 5 20                      | 11 48                     | 18 18                     | 5 20                      | 11 48                     | 18 15                     | 5 19                      | 11 47                     | 18 15                     |
| 21   | 5 10                      | 11 50                     | 18 30                     | 5 6                       | 11 46                     | 18 27                     | 5 8                       | 11 45                     | 18 23                     | 5 6                       | 11 44                     | 18 24                     |
| 5 1  | 4 58                      | 11 48                     | 18 39                     | 4 54                      | 11 44                     | 18 35                     | 4 56                      | 11 44                     | 18 32                     | 4 54                      | 11 43                     | 18 32                     |
| 11   | 4 48                      | 11 47                     | 18 48                     | 4 44                      | 11 44                     | 18 44                     | 4 47                      | 11 43                     | 18 40                     | 4 44                      | 11 42                     | 18 40                     |
| 21   | 4 40                      | 11 48                     | 18 56                     | 4 36                      | 11 44                     | 18 52                     | 4 39                      | 11 43                     | 18 47                     | 4 37                      | 11 42                     | 18 48                     |
| 31   | 4 34                      | 11 49                     | 19 3                      | 4 31                      | 11 45                     | 19 0                      | 4 34                      | 11 44                     | 18 54                     | 4 32                      | 11 43                     | 18 55                     |
| 6 10 | 4 32                      | 11 51                     | 19 9                      | 4 28                      | 11 47                     | 19 5                      | 4 32                      | 11 46                     | 19 0                      | 4 29                      | 11 45                     | 19 1                      |
| 20   | 4 32                      | 11 53                     | 19 13                     | 4 29                      | 11 49                     | 19 9                      | 4 33                      | 11 48                     | 19 3                      | 4 30                      | 11 47                     | 19 5                      |
| 30   | 4 35                      | 11 55                     | 19 14                     | 4 32                      | 11 51                     | 19 10                     | 4 36                      | 11 50                     | 19 4                      | 4 33                      | 11 49                     | 19 6                      |
| 7 10 | 4 41                      | 11 56                     | 19 12                     | 4 37                      | 11 53                     | 19 8                      | 4 41                      | 11 52                     | 19 3                      | 4 38                      | 11 51                     | 19 4                      |
| 20   | 4 47                      | 11 58                     | 19 7                      | 4 44                      | 11 54                     | 19 3                      | 4 47                      | 11 53                     | 18 58                     | 4 44                      | 11 52                     | 18 59                     |
| 30   | 4 55                      | 11 58                     | 19 0                      | 4 51                      | 11 54                     | 18 56                     | 4 54                      | 11 53                     | 18 51                     | 4 52                      | 11 52                     | 18 52                     |
| 8 9  | 5 3                       | 11 57                     | 18 50                     | 4 59                      | 11 53                     | 18 46                     | 5 2                       | 11 52                     | 18 42                     | 5 0                       | 11 51                     | 18 43                     |
| 19   | 5 11                      | 11 55                     | 18 38                     | 5 7                       | 11 51                     | 18 34                     | 5 9                       | 11 50                     | 18 31                     | 5 7                       | 11 49                     | 18 31                     |
| 29   | 5 19                      | 11 52                     | 18 24                     | 5 16                      | 11 48                     | 18 21                     | 5 17                      | 11 48                     | 18 18                     | 5 15                      | 11 47                     | 18 18                     |
| 9 8  | 5 27                      | 11 49                     | 18 10                     | 5 24                      | 11 45                     | 18 6                      | 5 24                      | 11 44                     | 18 4                      | 5 23                      | 11 44                     | 18 4                      |
| 18   | 5 35                      | 11 45                     | 17 55                     | 5 31                      | 11 42                     | 17 51                     | 5 31                      | 11 41                     | 17 50                     | 5 30                      | 11 40                     | 17 49                     |
| 28   | 5 43                      | 11 42                     | 17 40                     | 5 40                      | 11 38                     | 17 36                     | 5 38                      | 11 37                     | 17 35                     | 5 38                      | 11 37                     | 17 35                     |
| 10 8 | 5 52                      | 11 39                     | 17 25                     | 5 48                      | 11 35                     | 17 21                     | 5 46                      | 11 34                     | 17 22                     | 5 46                      | 11 33                     | 17 20                     |
| 18   | 6 1                       | 11 36                     | 17 12                     | 5 57                      | 11 33                     | 17 8                      | 5 54                      | 11 32                     | 17 9                      | 5 54                      | 11 31                     | 17 7                      |
| 28   | 6 10                      | 11 35                     | 16 59                     | 6 6                       | 11 31                     | 16 55                     | 6 3                       | 11 30                     | 16 57                     | 6 3                       | 11 30                     | 16 55                     |
| 11 7 | 6 20                      | 11 35                     | 16 49                     | 6 16                      | 11 31                     | 16 45                     | 6 13                      | 11 30                     | 16 47                     | 6 13                      | 11 29                     | 16 45                     |
| 17   | 6 30                      | 11 36                     | 16 41                     | 6 27                      | 11 32                     | 16 37                     | 6 22                      | 11 31                     | 16 40                     | 6 23                      | 11 31                     | 16 38                     |
| 27   | 6 40                      | 11 39                     | 16 36                     | 6 37                      | 11 35                     | 16 33                     | 6 32                      | 11 34                     | 16 36                     | 6 33                      | 11 33                     | 16 34                     |
| 12 7 | 6 50                      | 11 42                     | 16 35                     | 6 46                      | 11 39                     | 16 31                     | 6 41                      | 11 38                     | 16 35                     | 6 42                      | 11 37                     | 16 32                     |
| 17   | 6 57                      | 11 47                     | 16 37                     | 6 53                      | 11 43                     | 16 33                     | 6 48                      | 11 42                     | 16 37                     | 6 49                      | 11 42                     | 16 34                     |
| 27   | 7 2                       | 11 52                     | 16 42                     | 6 58                      | 11 48                     | 16 38                     | 6 53                      | 11 47                     | 16 42                     | 6 54                      | 11 47                     | 16 39                     |
| 37   | 7 4                       | 11 57                     | 16 50                     | 7 0                       | 11 53                     | 16 46                     | 6 55                      | 11 52                     | 16 49                     | 6 56                      | 11 51                     | 16 47                     |
| 東経   | 137° 13'                  |                           |                           | 138° 11'                  |                           |                           | 138° 23'                  |                           |                           | 138° 34'                  |                           |                           |
| 北緯   | 36° 41'                   |                           |                           | 36° 39'                   |                           |                           | 34° 58'                   |                           |                           | 35° 40'                   |                           |                           |

東京の日出, 南中, 日入は太陽のページにある。

各地の日出, 南中, 日入 令和 8 年 2026 中央標準時

| 月 日  | 新潟                            |                                 |                                 | 前橋                             |                                 |                                 | 横浜                             |                                 |                                 | さいたま                           |                                 |                                 |
|------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|
|      | 日出                            | 南中                              | 日入                              | 日出                             | 南中                              | 日入                              | 日出                             | 南中                              | 日入                              | 日出                             | 南中                              | 日入                              |
| 1 1  | 7 <sup>h</sup> 0 <sup>m</sup> | 11 <sup>h</sup> 47 <sup>m</sup> | 16 <sup>h</sup> 35 <sup>m</sup> | 6 <sup>h</sup> 55 <sup>m</sup> | 11 <sup>h</sup> 47 <sup>m</sup> | 16 <sup>h</sup> 39 <sup>m</sup> | 6 <sup>h</sup> 50 <sup>m</sup> | 11 <sup>h</sup> 45 <sup>m</sup> | 16 <sup>h</sup> 39 <sup>m</sup> | 6 <sup>h</sup> 51 <sup>m</sup> | 11 <sup>h</sup> 45 <sup>m</sup> | 16 <sup>h</sup> 38 <sup>m</sup> |
| 11   | 6 59                          | 11 52                           | 16 44                           | 6 55                           | 11 51                           | 16 48                           | 6 51                           | 11 49                           | 16 48                           | 6 52                           | 11 49                           | 16 47                           |
| 21   | 6 56                          | 11 55                           | 16 54                           | 6 52                           | 11 55                           | 16 58                           | 6 48                           | 11 53                           | 16 58                           | 6 49                           | 11 53                           | 16 57                           |
| 31   | 6 49                          | 11 57                           | 17 6                            | 6 46                           | 11 57                           | 17 8                            | 6 42                           | 11 55                           | 17 8                            | 6 43                           | 11 55                           | 17 7                            |
| 2 10 | 6 40                          | 11 58                           | 17 17                           | 6 37                           | 11 58                           | 17 19                           | 6 33                           | 11 56                           | 17 18                           | 6 34                           | 11 56                           | 17 18                           |
| 20   | 6 28                          | 11 58                           | 17 28                           | 6 26                           | 11 57                           | 17 29                           | 6 23                           | 11 55                           | 17 28                           | 6 23                           | 11 55                           | 17 28                           |
| 3 2  | 6 15                          | 11 56                           | 17 38                           | 6 13                           | 11 56                           | 17 39                           | 6 10                           | 11 54                           | 17 37                           | 6 11                           | 11 54                           | 17 37                           |
| 12   | 6 0                           | 11 54                           | 17 48                           | 6 0                            | 11 54                           | 17 48                           | 5 57                           | 11 51                           | 17 46                           | 5 57                           | 11 51                           | 17 46                           |
| 22   | 5 45                          | 11 51                           | 17 57                           | 5 45                           | 11 51                           | 17 57                           | 5 43                           | 11 48                           | 17 54                           | 5 43                           | 11 48                           | 17 54                           |
| 4 1  | 5 30                          | 11 48                           | 18 6                            | 5 30                           | 11 48                           | 18 5                            | 5 29                           | 11 45                           | 18 3                            | 5 28                           | 11 45                           | 18 3                            |
| 11   | 5 15                          | 11 45                           | 18 16                           | 5 16                           | 11 45                           | 18 14                           | 5 15                           | 11 43                           | 18 11                           | 5 14                           | 11 43                           | 18 11                           |
| 21   | 5 1                           | 11 43                           | 18 25                           | 5 3                            | 11 42                           | 18 23                           | 5 2                            | 11 40                           | 18 19                           | 5 1                            | 11 40                           | 18 20                           |
| 5 1  | 4 48                          | 11 41                           | 18 34                           | 4 51                           | 11 41                           | 18 31                           | 4 50                           | 11 39                           | 18 27                           | 4 50                           | 11 39                           | 18 28                           |
| 11   | 4 38                          | 11 40                           | 18 43                           | 4 41                           | 11 40                           | 18 40                           | 4 40                           | 11 38                           | 18 36                           | 4 40                           | 11 38                           | 18 36                           |
| 21   | 4 29                          | 11 40                           | 18 52                           | 4 33                           | 11 40                           | 18 48                           | 4 33                           | 11 38                           | 18 43                           | 4 32                           | 11 38                           | 18 44                           |
| 31   | 4 24                          | 11 41                           | 19 0                            | 4 28                           | 11 41                           | 18 55                           | 4 28                           | 11 39                           | 18 50                           | 4 27                           | 11 39                           | 18 51                           |
| 6 10 | 4 21                          | 11 43                           | 19 6                            | 4 25                           | 11 43                           | 19 1                            | 4 26                           | 11 41                           | 18 56                           | 4 25                           | 11 41                           | 18 57                           |
| 20   | 4 21                          | 11 45                           | 19 9                            | 4 26                           | 11 45                           | 19 5                            | 4 26                           | 11 43                           | 19 0                            | 4 25                           | 11 43                           | 19 1                            |
| 30   | 4 24                          | 11 47                           | 19 10                           | 4 29                           | 11 47                           | 19 6                            | 4 29                           | 11 45                           | 19 1                            | 4 28                           | 11 45                           | 19 2                            |
| 7 10 | 4 30                          | 11 49                           | 19 8                            | 4 34                           | 11 49                           | 19 4                            | 4 34                           | 11 47                           | 18 59                           | 4 33                           | 11 47                           | 19 0                            |
| 20   | 4 37                          | 11 50                           | 19 3                            | 4 41                           | 11 50                           | 18 59                           | 4 41                           | 11 48                           | 18 55                           | 4 40                           | 11 48                           | 18 56                           |
| 30   | 4 45                          | 11 50                           | 18 55                           | 4 48                           | 11 50                           | 18 52                           | 4 48                           | 11 48                           | 18 47                           | 4 47                           | 11 48                           | 18 48                           |
| 8 9  | 4 53                          | 11 49                           | 18 45                           | 4 56                           | 11 49                           | 18 42                           | 4 56                           | 11 47                           | 18 38                           | 4 55                           | 11 47                           | 18 39                           |
| 19   | 5 2                           | 11 48                           | 18 32                           | 5 4                            | 11 47                           | 18 30                           | 5 3                            | 11 45                           | 18 26                           | 5 3                            | 11 45                           | 18 27                           |
| 29   | 5 11                          | 11 45                           | 18 19                           | 5 12                           | 11 45                           | 18 17                           | 5 11                           | 11 42                           | 18 13                           | 5 11                           | 11 42                           | 18 14                           |
| 9 8  | 5 19                          | 11 42                           | 18 4                            | 5 20                           | 11 42                           | 18 2                            | 5 18                           | 11 39                           | 17 59                           | 5 18                           | 11 39                           | 18 0                            |
| 18   | 5 28                          | 11 38                           | 17 48                           | 5 28                           | 11 38                           | 17 47                           | 5 26                           | 11 36                           | 17 45                           | 5 26                           | 11 36                           | 17 45                           |
| 28   | 5 36                          | 11 35                           | 17 32                           | 5 36                           | 11 35                           | 17 33                           | 5 33                           | 11 32                           | 17 30                           | 5 34                           | 11 32                           | 17 30                           |
| 10 8 | 5 45                          | 11 32                           | 17 17                           | 5 44                           | 11 31                           | 17 18                           | 5 41                           | 11 29                           | 17 16                           | 5 42                           | 11 29                           | 17 16                           |
| 18   | 5 55                          | 11 29                           | 17 3                            | 5 53                           | 11 29                           | 17 4                            | 5 50                           | 11 27                           | 17 3                            | 5 50                           | 11 27                           | 17 3                            |
| 28   | 6 5                           | 11 28                           | 16 50                           | 6 2                            | 11 28                           | 16 52                           | 5 59                           | 11 25                           | 16 51                           | 5 59                           | 11 25                           | 16 51                           |
| 11 7 | 6 15                          | 11 28                           | 16 39                           | 6 12                           | 11 27                           | 16 42                           | 6 8                            | 11 25                           | 16 41                           | 6 9                            | 11 25                           | 16 41                           |
| 17   | 6 26                          | 11 29                           | 16 31                           | 6 22                           | 11 29                           | 16 34                           | 6 18                           | 11 26                           | 16 34                           | 6 19                           | 11 26                           | 16 33                           |
| 27   | 6 36                          | 11 31                           | 16 26                           | 6 32                           | 11 31                           | 16 30                           | 6 28                           | 11 29                           | 16 30                           | 6 29                           | 11 29                           | 16 29                           |
| 12 7 | 6 46                          | 11 35                           | 16 24                           | 6 41                           | 11 35                           | 16 28                           | 6 37                           | 11 33                           | 16 28                           | 6 38                           | 11 33                           | 16 27                           |
| 17   | 6 53                          | 11 40                           | 16 26                           | 6 49                           | 11 40                           | 16 30                           | 6 44                           | 11 37                           | 16 31                           | 6 45                           | 11 37                           | 16 29                           |
| 27   | 6 58                          | 11 45                           | 16 31                           | 6 54                           | 11 45                           | 16 35                           | 6 49                           | 11 42                           | 16 36                           | 6 50                           | 11 42                           | 16 35                           |
| 37   | 7 0                           | 11 49                           | 16 39                           | 6 56                           | 11 49                           | 16 43                           | 6 51                           | 11 47                           | 16 43                           | 6 52                           | 11 47                           | 16 42                           |
| 東 経  | 139° 02'                      |                                 |                                 | 139° 04'                       |                                 |                                 | 139° 39'                       |                                 |                                 | 139° 39'                       |                                 |                                 |
| 北 緯  | 37° 55'                       |                                 |                                 | 36° 23'                        |                                 |                                 | 35° 27'                        |                                 |                                 | 35° 51'                        |                                 |                                 |

東京の日出, 南中, 日入は太陽のページにある .

## 各地の日出, 南中, 日入 令和 8 年 2026 中央標準時

| 月日   | 宇都宮                            |                                 |                                 | 秋田                            |                                 |                                 | 千葉                             |                                 |                                 | 山形                             |                                 |                                 |
|------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|
|      | 日出                             | 南中                              | 日入                              | 日出                            | 南中                              | 日入                              | 日出                             | 南中                              | 日入                              | 日出                             | 南中                              | 日入                              |
| 1 1  | 6 <sup>h</sup> 52 <sup>m</sup> | 11 <sup>h</sup> 44 <sup>m</sup> | 16 <sup>h</sup> 35 <sup>m</sup> | 7 <sup>h</sup> 0 <sup>m</sup> | 11 <sup>h</sup> 43 <sup>m</sup> | 16 <sup>h</sup> 26 <sup>m</sup> | 6 <sup>h</sup> 49 <sup>m</sup> | 11 <sup>h</sup> 43 <sup>m</sup> | 16 <sup>h</sup> 37 <sup>m</sup> | 6 <sup>h</sup> 55 <sup>m</sup> | 11 <sup>h</sup> 42 <sup>m</sup> | 16 <sup>h</sup> 29 <sup>m</sup> |
| 11   | 6 53                           | 11 48                           | 16 44                           | 7 0                           | 11 47                           | 16 35                           | 6 49                           | 11 47                           | 16 46                           | 6 55                           | 11 46                           | 16 38                           |
| 21   | 6 49                           | 11 52                           | 16 54                           | 6 56                          | 11 51                           | 16 46                           | 6 46                           | 11 51                           | 16 55                           | 6 51                           | 11 50                           | 16 48                           |
| 31   | 6 43                           | 11 54                           | 17 5                            | 6 49                          | 11 53                           | 16 58                           | 6 40                           | 11 53                           | 17 6                            | 6 45                           | 11 52                           | 17 0                            |
| 2 10 | 6 34                           | 11 55                           | 17 15                           | 6 38                          | 11 54                           | 17 9                            | 6 32                           | 11 54                           | 17 16                           | 6 35                           | 11 53                           | 17 11                           |
| 20   | 6 23                           | 11 54                           | 17 26                           | 6 26                          | 11 53                           | 17 21                           | 6 21                           | 11 53                           | 17 26                           | 6 23                           | 11 52                           | 17 22                           |
| 3 2  | 6 10                           | 11 53                           | 17 36                           | 6 12                          | 11 52                           | 17 32                           | 6 9                            | 11 52                           | 17 35                           | 6 10                           | 11 51                           | 17 32                           |
| 12   | 5 56                           | 11 50                           | 17 45                           | 5 56                          | 11 49                           | 17 43                           | 5 55                           | 11 49                           | 17 44                           | 5 55                           | 11 48                           | 17 42                           |
| 22   | 5 42                           | 11 47                           | 17 54                           | 5 41                          | 11 46                           | 17 53                           | 5 41                           | 11 46                           | 17 53                           | 5 40                           | 11 46                           | 17 52                           |
| 4 1  | 5 27                           | 11 44                           | 18 2                            | 5 24                          | 11 43                           | 18 3                            | 5 27                           | 11 43                           | 18 1                            | 5 24                           | 11 43                           | 18 1                            |
| 11   | 5 13                           | 11 42                           | 18 11                           | 5 9                           | 11 41                           | 18 13                           | 5 13                           | 11 41                           | 18 9                            | 5 9                            | 11 40                           | 18 11                           |
| 21   | 4 59                           | 11 39                           | 18 20                           | 4 54                          | 11 38                           | 18 23                           | 5 0                            | 11 38                           | 18 17                           | 4 55                           | 11 37                           | 18 20                           |
| 5 1  | 4 47                           | 11 38                           | 18 28                           | 4 41                          | 11 37                           | 18 33                           | 4 48                           | 11 37                           | 18 26                           | 4 43                           | 11 36                           | 18 30                           |
| 11   | 4 37                           | 11 37                           | 18 37                           | 4 29                          | 11 36                           | 18 43                           | 4 38                           | 11 36                           | 18 34                           | 4 32                           | 11 35                           | 18 39                           |
| 21   | 4 29                           | 11 37                           | 18 45                           | 4 20                          | 11 36                           | 18 52                           | 4 31                           | 11 36                           | 18 42                           | 4 23                           | 11 35                           | 18 48                           |
| 31   | 4 24                           | 11 38                           | 18 52                           | 4 14                          | 11 37                           | 19 0                            | 4 26                           | 11 37                           | 18 49                           | 4 18                           | 11 36                           | 18 55                           |
| 6 10 | 4 22                           | 11 40                           | 18 58                           | 4 11                          | 11 39                           | 19 7                            | 4 23                           | 11 39                           | 18 55                           | 4 15                           | 11 38                           | 19 1                            |
| 20   | 4 22                           | 11 42                           | 19 2                            | 4 11                          | 11 41                           | 19 11                           | 4 24                           | 11 41                           | 18 58                           | 4 15                           | 11 40                           | 19 5                            |
| 30   | 4 25                           | 11 44                           | 19 3                            | 4 15                          | 11 43                           | 19 12                           | 4 27                           | 11 43                           | 18 59                           | 4 18                           | 11 42                           | 19 6                            |
| 7 10 | 4 30                           | 11 46                           | 19 1                            | 4 20                          | 11 45                           | 19 9                            | 4 32                           | 11 45                           | 18 58                           | 4 24                           | 11 44                           | 19 4                            |
| 20   | 4 37                           | 11 47                           | 18 56                           | 4 28                          | 11 46                           | 19 4                            | 4 38                           | 11 46                           | 18 53                           | 4 31                           | 11 45                           | 18 59                           |
| 30   | 4 45                           | 11 47                           | 18 49                           | 4 36                          | 11 46                           | 18 55                           | 4 46                           | 11 46                           | 18 46                           | 4 39                           | 11 45                           | 18 51                           |
| 8 9  | 4 53                           | 11 46                           | 18 39                           | 4 45                          | 11 45                           | 18 44                           | 4 53                           | 11 45                           | 18 36                           | 4 48                           | 11 44                           | 18 40                           |
| 19   | 5 1                            | 11 44                           | 18 27                           | 4 55                          | 11 43                           | 18 31                           | 5 1                            | 11 43                           | 18 25                           | 4 56                           | 11 42                           | 18 28                           |
| 29   | 5 9                            | 11 42                           | 18 14                           | 5 4                           | 11 41                           | 18 16                           | 5 9                            | 11 41                           | 18 12                           | 5 5                            | 11 40                           | 18 14                           |
| 9 8  | 5 17                           | 11 38                           | 17 59                           | 5 14                          | 11 37                           | 18 0                            | 5 16                           | 11 37                           | 17 58                           | 5 14                           | 11 36                           | 17 58                           |
| 18   | 5 25                           | 11 35                           | 17 44                           | 5 23                          | 11 34                           | 17 44                           | 5 24                           | 11 34                           | 17 43                           | 5 22                           | 11 33                           | 17 43                           |
| 28   | 5 33                           | 11 31                           | 17 29                           | 5 32                          | 11 30                           | 17 28                           | 5 32                           | 11 30                           | 17 28                           | 5 31                           | 11 29                           | 17 27                           |
| 10 8 | 5 41                           | 11 28                           | 17 15                           | 5 42                          | 11 27                           | 17 12                           | 5 40                           | 11 27                           | 17 14                           | 5 40                           | 11 26                           | 17 12                           |
| 18   | 5 50                           | 11 26                           | 17 1                            | 5 52                          | 11 25                           | 16 57                           | 5 48                           | 11 25                           | 17 1                            | 5 50                           | 11 24                           | 16 57                           |
| 28   | 5 59                           | 11 24                           | 16 49                           | 6 3                           | 11 23                           | 16 43                           | 5 57                           | 11 23                           | 16 49                           | 6 0                            | 11 22                           | 16 44                           |
| 11 7 | 6 9                            | 11 24                           | 16 39                           | 6 14                          | 11 23                           | 16 32                           | 6 7                            | 11 23                           | 16 39                           | 6 10                           | 11 22                           | 16 34                           |
| 17   | 6 20                           | 11 25                           | 16 31                           | 6 26                          | 11 24                           | 16 23                           | 6 17                           | 11 24                           | 16 32                           | 6 21                           | 11 23                           | 16 25                           |
| 27   | 6 30                           | 11 28                           | 16 26                           | 6 37                          | 11 27                           | 16 17                           | 6 26                           | 11 27                           | 16 27                           | 6 32                           | 11 26                           | 16 20                           |
| 12 7 | 6 39                           | 11 32                           | 16 25                           | 6 46                          | 11 31                           | 16 15                           | 6 35                           | 11 31                           | 16 26                           | 6 41                           | 11 30                           | 16 18                           |
| 17   | 6 46                           | 11 36                           | 16 27                           | 6 54                          | 11 35                           | 16 17                           | 6 43                           | 11 35                           | 16 28                           | 6 49                           | 11 35                           | 16 20                           |
| 27   | 6 51                           | 11 41                           | 16 32                           | 6 59                          | 11 40                           | 16 22                           | 6 47                           | 11 40                           | 16 33                           | 6 54                           | 11 39                           | 16 25                           |
| 37   | 6 53                           | 11 46                           | 16 39                           | 7 1                           | 11 45                           | 16 30                           | 6 49                           | 11 45                           | 16 41                           | 6 56                           | 11 44                           | 16 33                           |
| 東経   | 139° 53'                       |                                 |                                 | 140° 07'                      |                                 |                                 | 140° 07'                       |                                 |                                 | 140° 21'                       |                                 |                                 |
| 北緯   | 36° 34'                        |                                 |                                 | 39° 43'                       |                                 |                                 | 35° 36'                        |                                 |                                 | 38° 15'                        |                                 |                                 |

東京の日出, 南中, 日入は太陽のページにある。

## 各地の日出, 南中, 日入 令和 8 年 2026 中央標準時

| 月 日  | 福 島                            |                                 |                                 | 水 戸                            |                                 |                                 | 青 森                           |                                 |                                 | 仙 台                            |                                 |                                 |
|------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|
|      | 日出                             | 南中                              | 日入                              | 日出                             | 南中                              | 日入                              | 日出                            | 南中                              | 日入                              | 日出                             | 南中                              | 日入                              |
| 1 1  | 6 <sup>h</sup> 53 <sup>m</sup> | 11 <sup>h</sup> 42 <sup>m</sup> | 16 <sup>h</sup> 30 <sup>m</sup> | 6 <sup>h</sup> 49 <sup>m</sup> | 11 <sup>h</sup> 41 <sup>m</sup> | 16 <sup>h</sup> 34 <sup>m</sup> | 7 <sup>h</sup> 1 <sup>m</sup> | 11 <sup>h</sup> 40 <sup>m</sup> | 16 <sup>h</sup> 20 <sup>m</sup> | 6 <sup>h</sup> 53 <sup>m</sup> | 11 <sup>h</sup> 40 <sup>m</sup> | 16 <sup>h</sup> 27 <sup>m</sup> |
| 11   | 6 53                           | 11 46                           | 16 39                           | 6 50                           | 11 46                           | 16 42                           | 7 1                           | 11 45                           | 16 29                           | 6 53                           | 11 44                           | 16 36                           |
| 21   | 6 50                           | 11 49                           | 16 49                           | 6 47                           | 11 49                           | 16 52                           | 6 56                          | 11 48                           | 16 41                           | 6 49                           | 11 48                           | 16 46                           |
| 31   | 6 43                           | 11 51                           | 17 0                            | 6 40                           | 11 51                           | 17 3                            | 6 49                          | 11 50                           | 16 53                           | 6 43                           | 11 50                           | 16 58                           |
| 2 10 | 6 34                           | 11 52                           | 17 11                           | 6 32                           | 11 52                           | 17 13                           | 6 38                          | 11 51                           | 17 5                            | 6 33                           | 11 51                           | 17 9                            |
| 20   | 6 22                           | 11 52                           | 17 22                           | 6 20                           | 11 52                           | 17 24                           | 6 25                          | 11 51                           | 17 17                           | 6 21                           | 11 50                           | 17 20                           |
| 3 2  | 6 9                            | 11 50                           | 17 32                           | 6 8                            | 11 50                           | 17 33                           | 6 10                          | 11 49                           | 17 29                           | 6 8                            | 11 49                           | 17 30                           |
| 12   | 5 54                           | 11 48                           | 17 42                           | 5 54                           | 11 48                           | 17 42                           | 5 54                          | 11 47                           | 17 40                           | 5 53                           | 11 46                           | 17 40                           |
| 22   | 5 39                           | 11 45                           | 17 51                           | 5 39                           | 11 45                           | 17 51                           | 5 38                          | 11 44                           | 17 51                           | 5 38                           | 11 43                           | 17 50                           |
| 4 1  | 5 24                           | 11 42                           | 18 1                            | 5 25                           | 11 42                           | 18 0                            | 5 21                          | 11 41                           | 18 1                            | 5 22                           | 11 40                           | 17 59                           |
| 11   | 5 9                            | 11 39                           | 18 10                           | 5 11                           | 11 39                           | 18 8                            | 5 5                           | 11 38                           | 18 12                           | 5 7                            | 11 38                           | 18 9                            |
| 21   | 4 55                           | 11 37                           | 18 19                           | 4 57                           | 11 37                           | 18 17                           | 4 50                          | 11 36                           | 18 22                           | 4 53                           | 11 35                           | 18 18                           |
| 5 1  | 4 43                           | 11 35                           | 18 28                           | 4 45                           | 11 35                           | 18 26                           | 4 36                          | 11 34                           | 18 33                           | 4 40                           | 11 34                           | 18 27                           |
| 11   | 4 32                           | 11 34                           | 18 37                           | 4 35                           | 11 34                           | 18 34                           | 4 24                          | 11 33                           | 18 43                           | 4 30                           | 11 33                           | 18 37                           |
| 21   | 4 24                           | 11 35                           | 18 46                           | 4 27                           | 11 35                           | 18 42                           | 4 15                          | 11 34                           | 18 53                           | 4 21                           | 11 33                           | 18 46                           |
| 31   | 4 18                           | 11 36                           | 18 53                           | 4 22                           | 11 36                           | 18 50                           | 4 8                           | 11 35                           | 19 1                            | 4 15                           | 11 34                           | 18 53                           |
| 6 10 | 4 16                           | 11 38                           | 18 59                           | 4 20                           | 11 37                           | 18 55                           | 4 5                           | 11 36                           | 19 8                            | 4 13                           | 11 36                           | 18 59                           |
| 20   | 4 16                           | 11 40                           | 19 3                            | 4 20                           | 11 40                           | 18 59                           | 4 5                           | 11 39                           | 19 12                           | 4 13                           | 11 38                           | 19 3                            |
| 30   | 4 19                           | 11 42                           | 19 4                            | 4 23                           | 11 42                           | 19 0                            | 4 8                           | 11 41                           | 19 13                           | 4 16                           | 11 40                           | 19 4                            |
| 7 10 | 4 25                           | 11 43                           | 19 2                            | 4 28                           | 11 43                           | 18 58                           | 4 14                          | 11 42                           | 19 10                           | 4 21                           | 11 42                           | 19 2                            |
| 20   | 4 32                           | 11 45                           | 18 57                           | 4 35                           | 11 44                           | 18 53                           | 4 22                          | 11 43                           | 19 4                            | 4 29                           | 11 43                           | 18 57                           |
| 30   | 4 40                           | 11 45                           | 18 49                           | 4 43                           | 11 45                           | 18 46                           | 4 31                          | 11 44                           | 18 55                           | 4 37                           | 11 43                           | 18 49                           |
| 8 9  | 4 48                           | 11 44                           | 18 39                           | 4 51                           | 11 44                           | 18 36                           | 4 41                          | 11 43                           | 18 44                           | 4 45                           | 11 42                           | 18 38                           |
| 19   | 4 57                           | 11 42                           | 18 26                           | 4 59                           | 11 42                           | 18 24                           | 4 51                          | 11 41                           | 18 30                           | 4 54                           | 11 40                           | 18 26                           |
| 29   | 5 5                            | 11 39                           | 18 13                           | 5 7                            | 11 39                           | 18 11                           | 5 0                           | 11 38                           | 18 15                           | 5 3                            | 11 38                           | 18 12                           |
| 9 8  | 5 14                           | 11 36                           | 17 58                           | 5 14                           | 11 36                           | 17 57                           | 5 10                          | 11 35                           | 17 59                           | 5 12                           | 11 34                           | 17 56                           |
| 18   | 5 22                           | 11 32                           | 17 42                           | 5 22                           | 11 32                           | 17 42                           | 5 20                          | 11 31                           | 17 42                           | 5 20                           | 11 31                           | 17 41                           |
| 28   | 5 31                           | 11 29                           | 17 27                           | 5 30                           | 11 29                           | 17 27                           | 5 30                          | 11 28                           | 17 25                           | 5 29                           | 11 27                           | 17 25                           |
| 10 8 | 5 39                           | 11 26                           | 17 12                           | 5 39                           | 11 26                           | 17 12                           | 5 40                          | 11 25                           | 17 9                            | 5 38                           | 11 24                           | 17 10                           |
| 18   | 5 49                           | 11 23                           | 16 57                           | 5 47                           | 11 23                           | 16 59                           | 5 51                          | 11 22                           | 16 53                           | 5 48                           | 11 22                           | 16 55                           |
| 28   | 5 59                           | 11 22                           | 16 45                           | 5 57                           | 11 22                           | 16 47                           | 6 2                           | 11 21                           | 16 39                           | 5 58                           | 11 20                           | 16 42                           |
| 11 7 | 6 9                            | 11 22                           | 16 34                           | 6 7                            | 11 22                           | 16 36                           | 6 14                          | 11 21                           | 16 27                           | 6 8                            | 11 20                           | 16 31                           |
| 17   | 6 20                           | 11 23                           | 16 26                           | 6 17                           | 11 23                           | 16 29                           | 6 26                          | 11 22                           | 16 18                           | 6 19                           | 11 21                           | 16 23                           |
| 27   | 6 30                           | 11 26                           | 16 21                           | 6 27                           | 11 26                           | 16 24                           | 6 37                          | 11 25                           | 16 12                           | 6 30                           | 11 24                           | 16 18                           |
| 12 7 | 6 39                           | 11 29                           | 16 19                           | 6 36                           | 11 29                           | 16 23                           | 6 47                          | 11 28                           | 16 9                            | 6 39                           | 11 28                           | 16 16                           |
| 17   | 6 47                           | 11 34                           | 16 21                           | 6 43                           | 11 34                           | 16 25                           | 6 55                          | 11 33                           | 16 11                           | 6 47                           | 11 32                           | 16 18                           |
| 27   | 6 52                           | 11 39                           | 16 26                           | 6 48                           | 11 39                           | 16 30                           | 7 0                           | 11 38                           | 16 16                           | 6 52                           | 11 37                           | 16 23                           |
| 37   | 6 54                           | 11 44                           | 16 34                           | 6 50                           | 11 44                           | 16 37                           | 7 1                           | 11 43                           | 16 24                           | 6 54                           | 11 42                           | 16 31                           |
| 東 経  | 140° 28'                       |                                 |                                 | 140° 29'                       |                                 |                                 | 140° 44'                      |                                 |                                 | 140° 52'                       |                                 |                                 |
| 北 緯  | 37° 45'                        |                                 |                                 | 36° 22'                        |                                 |                                 | 40° 49'                       |                                 |                                 | 38° 16'                        |                                 |                                 |

東京の日出, 南中, 日入は太陽のページにある。



## 各地の日出, 南中, 日入 令和 8 年 2026 中央標準時

| 月 日  | 盛 岡                            |                                 |                                 | 小 笠 原                          |                                 |                                 | 札 幌                           |                                 |                                 | 根 室                            |                                 |                                 |
|------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|
|      | 日出                             | 南中                              | 日入                              | 日出                             | 南中                              | 日入                              | 日出                            | 南中                              | 日入                              | 日出                             | 南中                              | 日入                              |
| 1 1  | 6 <sup>h</sup> 56 <sup>m</sup> | 11 <sup>h</sup> 39 <sup>m</sup> | 16 <sup>h</sup> 22 <sup>m</sup> | 6 <sup>h</sup> 20 <sup>m</sup> | 11 <sup>h</sup> 35 <sup>m</sup> | 16 <sup>h</sup> 49 <sup>m</sup> | 7 <sup>h</sup> 6 <sup>m</sup> | 11 <sup>h</sup> 38 <sup>m</sup> | 16 <sup>h</sup> 10 <sup>m</sup> | 6 <sup>h</sup> 50 <sup>m</sup> | 11 <sup>h</sup> 21 <sup>m</sup> | 15 <sup>h</sup> 52 <sup>m</sup> |
| 11   | 6 56                           | 11 43                           | 16 31                           | 6 22                           | 11 39                           | 16 56                           | 7 5                           | 11 42                           | 16 20                           | 6 49                           | 11 25                           | 16 2                            |
| 21   | 6 52                           | 11 47                           | 16 42                           | 6 21                           | 11 42                           | 17 4                            | 7 0                           | 11 46                           | 16 32                           | 6 44                           | 11 29                           | 16 14                           |
| 31   | 6 44                           | 11 49                           | 16 53                           | 6 18                           | 11 45                           | 17 12                           | 6 51                          | 11 48                           | 16 45                           | 6 35                           | 11 31                           | 16 28                           |
| 2 10 | 6 34                           | 11 50                           | 17 5                            | 6 12                           | 11 45                           | 17 19                           | 6 40                          | 11 49                           | 16 59                           | 6 23                           | 11 32                           | 16 41                           |
| 20   | 6 22                           | 11 49                           | 17 17                           | 6 4                            | 11 45                           | 17 26                           | 6 26                          | 11 48                           | 17 12                           | 6 9                            | 11 31                           | 16 54                           |
| 3 2  | 6 8                            | 11 48                           | 17 28                           | 5 55                           | 11 43                           | 17 33                           | 6 10                          | 11 47                           | 17 25                           | 5 53                           | 11 30                           | 17 7                            |
| 12   | 5 52                           | 11 45                           | 17 39                           | 5 44                           | 11 41                           | 17 38                           | 5 53                          | 11 44                           | 17 37                           | 5 36                           | 11 27                           | 17 20                           |
| 22   | 5 36                           | 11 42                           | 17 49                           | 5 33                           | 11 38                           | 17 43                           | 5 35                          | 11 42                           | 17 49                           | 5 18                           | 11 25                           | 17 32                           |
| 4 1  | 5 20                           | 11 39                           | 17 59                           | 5 22                           | 11 35                           | 17 48                           | 5 17                          | 11 39                           | 18 0                            | 5 0                            | 11 22                           | 17 44                           |
| 11   | 5 5                            | 11 37                           | 18 9                            | 5 12                           | 11 32                           | 17 53                           | 5 0                           | 11 36                           | 18 12                           | 4 43                           | 11 19                           | 17 55                           |
| 21   | 4 50                           | 11 34                           | 18 19                           | 5 2                            | 11 30                           | 17 59                           | 4 44                          | 11 33                           | 18 24                           | 4 26                           | 11 16                           | 18 7                            |
| 5 1  | 4 37                           | 11 33                           | 18 29                           | 4 53                           | 11 28                           | 18 4                            | 4 29                          | 11 32                           | 18 35                           | 4 11                           | 11 15                           | 18 19                           |
| 11   | 4 25                           | 11 32                           | 18 39                           | 4 46                           | 11 28                           | 18 10                           | 4 16                          | 11 31                           | 18 47                           | 3 58                           | 11 14                           | 18 30                           |
| 21   | 4 16                           | 11 32                           | 18 48                           | 4 41                           | 11 28                           | 18 15                           | 4 6                           | 11 31                           | 18 57                           | 3 48                           | 11 14                           | 18 41                           |
| 31   | 4 10                           | 11 33                           | 18 56                           | 4 37                           | 11 29                           | 18 21                           | 3 59                          | 11 32                           | 19 6                            | 3 41                           | 11 15                           | 18 50                           |
| 6 10 | 4 7                            | 11 35                           | 19 3                            | 4 36                           | 11 31                           | 18 25                           | 3 55                          | 11 34                           | 19 13                           | 3 37                           | 11 17                           | 18 57                           |
| 20   | 4 7                            | 11 37                           | 19 7                            | 4 37                           | 11 33                           | 18 28                           | 3 55                          | 11 36                           | 19 17                           | 3 37                           | 11 19                           | 19 1                            |
| 30   | 4 10                           | 11 39                           | 19 7                            | 4 40                           | 11 35                           | 18 30                           | 3 58                          | 11 38                           | 19 18                           | 3 40                           | 11 21                           | 19 2                            |
| 7 10 | 4 16                           | 11 41                           | 19 5                            | 4 44                           | 11 37                           | 18 29                           | 4 4                           | 11 40                           | 19 15                           | 3 47                           | 11 23                           | 18 59                           |
| 20   | 4 24                           | 11 42                           | 19 0                            | 4 49                           | 11 38                           | 18 26                           | 4 13                          | 11 41                           | 19 9                            | 3 55                           | 11 24                           | 18 53                           |
| 30   | 4 32                           | 11 42                           | 18 51                           | 4 54                           | 11 38                           | 18 21                           | 4 23                          | 11 41                           | 18 59                           | 4 5                            | 11 24                           | 18 43                           |
| 8 9  | 4 41                           | 11 41                           | 18 40                           | 4 59                           | 11 37                           | 18 14                           | 4 33                          | 11 40                           | 18 46                           | 4 16                           | 11 23                           | 18 30                           |
| 19   | 4 51                           | 11 39                           | 18 27                           | 5 4                            | 11 35                           | 18 5                            | 4 44                          | 11 38                           | 18 32                           | 4 27                           | 11 21                           | 18 15                           |
| 29   | 5 0                            | 11 36                           | 18 12                           | 5 9                            | 11 32                           | 17 55                           | 4 55                          | 11 36                           | 18 16                           | 4 38                           | 11 19                           | 17 59                           |
| 9 8  | 5 9                            | 11 33                           | 17 56                           | 5 13                           | 11 29                           | 17 44                           | 5 6                           | 11 32                           | 17 58                           | 4 49                           | 11 15                           | 17 41                           |
| 18   | 5 19                           | 11 30                           | 17 40                           | 5 18                           | 11 26                           | 17 33                           | 5 17                          | 11 29                           | 17 40                           | 5 0                            | 11 12                           | 17 23                           |
| 28   | 5 28                           | 11 26                           | 17 24                           | 5 22                           | 11 22                           | 17 22                           | 5 28                          | 11 25                           | 17 22                           | 5 11                           | 11 8                            | 17 5                            |
| 10 8 | 5 38                           | 11 23                           | 17 8                            | 5 27                           | 11 19                           | 17 11                           | 5 39                          | 11 22                           | 17 5                            | 5 22                           | 11 5                            | 16 47                           |
| 18   | 5 48                           | 11 21                           | 16 53                           | 5 32                           | 11 17                           | 17 0                            | 5 51                          | 11 20                           | 16 48                           | 5 34                           | 11 3                            | 16 31                           |
| 28   | 5 59                           | 11 19                           | 16 39                           | 5 38                           | 11 15                           | 16 52                           | 6 3                           | 11 18                           | 16 33                           | 5 47                           | 11 1                            | 16 15                           |
| 11 7 | 6 10                           | 11 19                           | 16 28                           | 5 45                           | 11 15                           | 16 45                           | 6 16                          | 11 18                           | 16 20                           | 6 0                            | 11 1                            | 16 2                            |
| 17   | 6 21                           | 11 20                           | 16 19                           | 5 52                           | 11 16                           | 16 40                           | 6 29                          | 11 19                           | 16 10                           | 6 13                           | 11 3                            | 15 52                           |
| 27   | 6 32                           | 11 23                           | 16 13                           | 6 0                            | 11 19                           | 16 37                           | 6 41                          | 11 22                           | 16 3                            | 6 25                           | 11 5                            | 15 45                           |
| 12 7 | 6 42                           | 11 27                           | 16 11                           | 6 7                            | 11 23                           | 16 38                           | 6 52                          | 11 26                           | 16 0                            | 6 36                           | 11 9                            | 15 42                           |
| 17   | 6 50                           | 11 31                           | 16 13                           | 6 14                           | 11 27                           | 16 41                           | 7 0                           | 11 31                           | 16 1                            | 6 44                           | 11 14                           | 15 43                           |
| 27   | 6 55                           | 11 36                           | 16 18                           | 6 19                           | 11 32                           | 16 46                           | 7 5                           | 11 35                           | 16 6                            | 6 49                           | 11 18                           | 15 48                           |
| 37   | 6 56                           | 11 41                           | 16 26                           | 6 22                           | 11 37                           | 16 52                           | 7 6                           | 11 40                           | 16 15                           | 6 50                           | 11 23                           | 15 57                           |
| 東 経  | 141° 09'                       |                                 |                                 | 142° 11'                       |                                 |                                 | 141° 21'                      |                                 |                                 | 145° 35'                       |                                 |                                 |
| 北 緯  | 39° 42'                        |                                 |                                 | 27° 05'                        |                                 |                                 | 43° 04'                       |                                 |                                 | 43° 20'                        |                                 |                                 |

東京の日出, 南中, 日入は太陽のページにある。

太陽と月の出入・南中推算表

第 1 表

| 東経   | 太陽<br>M 差                                    | 月<br>M 差                                     | 東経   | 太陽<br>M 差                                    | 月<br>M 差                                     | 東経   | 太陽<br>M 差                                   | 月<br>M 差                                    | 東経   | 太陽<br>M 差                                    | 月<br>M 差                                     |
|------|--|--|------|--|--|------|---|---|------|--|--|
| 120° | +1 <sup>h</sup> 19 <sup>m</sup> <sub>4</sub> | +1 <sup>h</sup> 22 <sup>m</sup> <sub>4</sub> | 130° | +0 <sup>h</sup> 39 <sup>m</sup> <sub>4</sub> | +0 <sup>h</sup> 40 <sup>m</sup> <sub>4</sub> | 140° | -0 <sup>h</sup> 1 <sup>m</sup> <sub>4</sub> | -0 <sup>h</sup> 1 <sup>m</sup> <sub>4</sub> | 150° | -0 <sup>h</sup> 41 <sup>m</sup> <sub>4</sub> | -0 <sup>h</sup> 42 <sup>m</sup> <sub>5</sub> |
| 121  | +1 15 <sub>4</sub>                           | +1 18 <sub>5</sub>                           | 131  | +0 35 <sub>4</sub>                           | +0 36 <sub>4</sub>                           | 141  | -0 5 <sub>4</sub>                           | -0 5 <sub>4</sub>                           | 151  | -0 45 <sub>4</sub>                           | -0 47 <sub>4</sub>                           |
| 122  | +1 11 <sub>4</sub>                           | +1 13 <sub>4</sub>                           | 132  | +0 31 <sub>4</sub>                           | +0 32 <sub>4</sub>                           | 142  | -0 9 <sub>4</sub>                           | -0 9 <sub>4</sub>                           | 152  | -0 49 <sub>4</sub>                           | -0 51 <sub>4</sub>                           |
| 123  | +1 7 <sub>4</sub>                            | +1 9 <sub>4</sub>                            | 133  | +0 27 <sub>4</sub>                           | +0 28 <sub>4</sub>                           | 143  | -0 13 <sub>4</sub>                          | -0 13 <sub>5</sub>                          | 153  | -0 53 <sub>4</sub>                           | -0 55 <sub>4</sub>                           |
| 124  | +1 3 <sub>4</sub>                            | +1 5 <sub>4</sub>                            | 134  | +0 23 <sub>4</sub>                           | +0 24 <sub>4</sub>                           | 144  | -0 17 <sub>4</sub>                          | -0 18 <sub>4</sub>                          | 154  | -0 57 <sub>4</sub>                           | -0 59 <sub>4</sub>                           |
| 125  | +0 59 <sub>4</sub>                           | +1 1 <sub>4</sub>                            | 135  | +0 19 <sub>4</sub>                           | +0 20 <sub>5</sub>                           | 145  | -0 21 <sub>4</sub>                          | -0 22 <sub>4</sub>                          | 155  | -1 1 <sub>4</sub>                            | -1 3 <sub>4</sub>                            |
| 126  | +0 55 <sub>4</sub>                           | +0 57 <sub>4</sub>                           | 136  | +0 15 <sub>4</sub>                           | +0 15 <sub>4</sub>                           | 146  | -0 25 <sub>4</sub>                          | -0 26 <sub>4</sub>                          | 156  | -1 5 <sub>4</sub>                            | -1 7 <sub>4</sub>                            |
| 127  | +0 51 <sub>4</sub>                           | +0 53 <sub>4</sub>                           | 137  | +0 11 <sub>4</sub>                           | +0 11 <sub>4</sub>                           | 147  | -0 29 <sub>4</sub>                          | -0 30 <sub>4</sub>                          | 157  | -1 9 <sub>4</sub>                            | -1 11 <sub>5</sub>                           |
| 128  | +0 47 <sub>4</sub>                           | +0 49 <sub>5</sub>                           | 138  | +0 7 <sub>4</sub>                            | +0 7 <sub>4</sub>                            | 148  | -0 33 <sub>4</sub>                          | -0 34 <sub>4</sub>                          | 158  | -1 13 <sub>4</sub>                           | -1 16 <sub>4</sub>                           |
| 129  | +0 43 <sub>4</sub>                           | +0 44 <sub>4</sub>                           | 139  | +0 3 <sub>4</sub>                            | +0 3 <sub>4</sub>                            | 149  | -0 37 <sub>4</sub>                          | -0 38 <sub>4</sub>                          | 159  | -1 17  | -1 20  |
| 130  | +0 39  | +0 40  | 140  | -0 1   | -0 1   | 150  | -0 41                                       | -0 42                                       |      |  |  |

第 2 表

| 北緯  | N 差                          |
|-----|------------------------------|
| 20° | -7 <sup>m</sup> <sub>4</sub> |
| 21  | -67 <sub>4</sub>             |
| 22  | -63 <sub>4</sub>             |
| 23  | -59 <sub>5</sub>             |
| 24  | -54 <sub>4</sub>             |
| 25  | -50 <sub>4</sub>             |
| 26  | -46 <sub>4</sub>             |
| 27  | -42 <sub>5</sub>             |
| 28  | -37 <sub>4</sub>             |
| 29  | -33 <sub>5</sub>             |
| 30  | -28 <sub>5</sub>             |
| 31  | -23 <sub>4</sub>             |
| 32  | -19 <sub>5</sub>             |
| 33  | -14 <sub>5</sub>             |
| 34  | - 9 <sub>6</sub>             |
| 35  | - 3 <sub>5</sub>             |
| 36  | + 2 <sub>5</sub>             |
| 37  | + 7 <sub>6</sub>             |
| 38  | +13 <sub>5</sub>             |
| 39  | +18 <sub>6</sub>             |
| 40  | +24 <sub>6</sub>             |
| 41  | +30 <sub>7</sub>             |
| 42  | +37 <sub>6</sub>             |
| 43  | +43 <sub>7</sub>             |
| 44  | +50 <sub>7</sub>             |
| 45  | +57 <sub>7</sub>             |
| 46  | +64 <sub>7</sub>             |
| 47  | +71 <sub>8</sub>             |
| 48  | +79 <sub>8</sub>             |
| 49  | +87 <sub>8</sub>             |
| 50  | +95                          |

第 3 表

| p                              | 太陽<br>n 差          | 月<br>n 差           |
|--------------------------------|--------------------|--------------------|
| 4 <sup>h</sup> 20 <sup>m</sup> |                    | -0.84 <sub>9</sub> |
| 30                             |                    | -0.75 <sub>8</sub> |
| 40                             | -0.60 <sub>7</sub> | -0.67 <sub>8</sub> |
| 50                             | -0.53 <sub>8</sub> | -0.59 <sub>8</sub> |
| 5 0                            | -0.45 <sub>8</sub> | -0.51 <sub>7</sub> |
| 10                             | -0.37 <sub>7</sub> | -0.44 <sub>8</sub> |
| 20                             | -0.30 <sub>7</sub> | -0.36 <sub>7</sub> |
| 30                             | -0.23 <sub>7</sub> | -0.29 <sub>7</sub> |
| 40                             | -0.16 <sub>7</sub> | -0.22 <sub>7</sub> |
| 50                             | -0.09 <sub>7</sub> | -0.15 <sub>7</sub> |
| 6 0                            | -0.02 <sub>7</sub> | -0.08 <sub>7</sub> |
| 10                             | +0.05 <sub>7</sub> | -0.01 <sub>7</sub> |
| 20                             | +0.12 <sub>7</sub> | +0.06 <sub>7</sub> |
| 30                             | +0.19 <sub>7</sub> | +0.13 <sub>7</sub> |
| 40                             | +0.26 <sub>7</sub> | +0.20 <sub>7</sub> |
| 50                             | +0.33 <sub>8</sub> | +0.27 <sub>7</sub> |
| 7 0                            | +0.41 <sub>7</sub> | +0.34 <sub>8</sub> |
| 10                             | +0.48 <sub>8</sub> | +0.42 <sub>7</sub> |
| 20                             | +0.56              | +0.49 <sub>8</sub> |
| 30                             |                    | +0.57 <sub>8</sub> |
| 40                             |                    | +0.65 <sub>8</sub> |
| 50                             |                    | +0.73 <sub>9</sub> |
| 8 0                            |                    | +0.82              |

この表は東京における太陽と月の出入・南中時刻をもとにしてわが国周辺の任意の地点に対する概略の時刻を求めるためのもので、その方法は以下のとおりである。

1. その地点の東経を引数として第 1 表から補助数 M を求める。
2. その地点の北緯を引数として第 2 表から補助数 N を求める。
3. 東京における出から入までの時間の 1/2 を p とし、これを引数として第 3 表から補助数 n を求める。
4. 東京の出入または南中の時刻を T<sub>0</sub> とすれば、所要の時刻 T はつぎの式から求められる。

$$T = T_0 + M \mp N \cdot n$$

ただし ( - ) は出 ( + ) は入、南中には N · n の項を省く。  
惑星の出入および南中は太陽の表を代用して求められるが、やや不精密な結果が出ることはまぬがれない。

例 1. 令和 8 年 1 月 1 日 東経 139.0°  
新潟 太陽 北緯 37.9°

|   |                                |   |                                |
|---|--------------------------------|---|--------------------------------|
| M | +0 <sup>h</sup> 3 <sup>m</sup> | p | 4 <sup>h</sup> 54 <sup>m</sup> |
| N | +0 12                          | n | -0.50                          |

| 記号             | 日出                             | 日南中                             | 日入                              |
|----------------|--------------------------------|---------------------------------|---------------------------------|
| T <sub>0</sub> | 6 <sup>h</sup> 51 <sup>m</sup> | 11 <sup>h</sup> 44 <sup>m</sup> | 16 <sup>h</sup> 38 <sup>m</sup> |
| M              | +0 3                           | +0 3                            | +0 3                            |
| ∓N · n         | +0 6                           |                                 | -0 6                            |
| T              | 7 0                            | 11 47                           | 16 35                           |

例 2. 令和 8 年 1 月 25 ~ 26 日 東経 133.9°  
岡山 月 北緯 34.7°

|   |                                 |   |                                |
|---|---------------------------------|---|--------------------------------|
| M | +0 <sup>h</sup> 24 <sup>m</sup> | p | 6 <sup>h</sup> 49 <sup>m</sup> |
| N | -0 5                            | n | +0.26                          |

| 記号             | 月出                   | 月南中                   | 月入                    |
|----------------|----------------------|-----------------------|-----------------------|
| T <sub>0</sub> | 25 10 3 <sup>m</sup> | 25 16 46 <sup>m</sup> | 25 23 40 <sup>m</sup> |
| M              | +0 24                | +0 24                 | +0 24                 |
| ∓N · n         | +0 1                 |                       | -0 1                  |
| T              | 25 10 28             | 25 17 10              | 26 0 3                |

## 東京 潮汐 令和 8 年 2026 中央標準時

| 日  | 1 月 |    |    |    | 2 月 |    |    |    | 3 月 |    |    |    | 4 月 |    |    |    |   |    |    |    |    |    |    |    |   |    |    |    |    |    |    |    |
|----|-----|----|----|----|-----|----|----|----|-----|----|----|----|-----|----|----|----|---|----|----|----|----|----|----|----|---|----|----|----|----|----|----|----|
|    | 満潮  |    | 干潮 |    | 満潮  |    | 干潮 |    | 満潮  |    | 干潮 |    | 満潮  |    | 干潮 |    |   |    |    |    |    |    |    |    |   |    |    |    |    |    |    |    |
| 日  | h   | m  | h  | m  | h   | m  | h  | m  | h   | m  | h  | m  | h   | m  | h  | m  | h | m  | h  | m  |    |    |    |    |   |    |    |    |    |    |    |    |
| 1  | 4   | 8  | 14 | 15 | 9   | 1  | 21 | 35 | 5   | 29 | 16 | 13 | 10  | 55 | 23 | 9  | 4 | 37 | 15 | 32 | 10 | 12 | 22 | 15 | 4 | 33 | 16 | 47 | 10 | 47 | 23 | 0  |
| 2  | 4   | 59 | 15 | 14 | 10  | 2  | 22 | 25 | 5   | 56 | 16 | 55 | 11  | 31 | 23 | 48 | 4 | 58 | 16 | 15 | 10 | 43 | 22 | 54 | 4 | 53 | 17 | 23 | 11 | 15 | 23 | 29 |
| 3  | 5   | 40 | 16 | 5  | 10  | 53 | 23 | 14 | 6   | 20 | 17 | 34 | -   | -  | 12 | 4  | 5 | 19 | 16 | 53 | 11 | 13 | 23 | 28 | 5 | 13 | 17 | 58 | 11 | 43 | 23 | 58 |
| 4  | 6   | 17 | 16 | 51 | 11  | 37 | 23 | 59 | 6   | 43 | 18 | 11 | 0   | 22 | 12 | 36 | 5 | 39 | 17 | 29 | 11 | 42 | 23 | 58 | 5 | 33 | 18 | 33 | -  | -  | 12 | 10 |
| 5  | 6   | 52 | 17 | 34 | -   | -  | 12 | 18 | 7   | 5  | 18 | 48 | 0   | 53 | 13 | 7  | 5 | 59 | 18 | 4  | -  | -  | 12 | 11 | 5 | 53 | 19 | 8  | 0  | 24 | 12 | 38 |
| 6  | 7   | 23 | 18 | 15 | 0   | 40 | 12 | 55 | 7   | 25 | 19 | 27 | 1   | 20 | 13 | 39 | 6 | 17 | 18 | 39 | 0  | 25 | 12 | 39 | 6 | 15 | 19 | 46 | 0  | 50 | 13 | 6  |
| 7  | 7   | 52 | 18 | 56 | 1   | 17 | 13 | 33 | 7   | 46 | 20 | 9  | 1   | 44 | 14 | 12 | 6 | 36 | 19 | 15 | 0  | 50 | 13 | 6  | 6 | 37 | 20 | 29 | 1  | 15 | 13 | 36 |
| 8  | 8   | 19 | 19 | 40 | 1   | 51 | 14 | 11 | 8   | 8  | 20 | 58 | 2   | 5  | 14 | 49 | 6 | 56 | 19 | 53 | 1  | 13 | 13 | 35 | 7 | 1  | 21 | 26 | 1  | 40 | 14 | 12 |
| 9  | 8   | 45 | 20 | 31 | 2   | 21 | 14 | 55 | 8   | 32 | 22 | 9  | 2   | 25 | 15 | 42 | 7 | 17 | 20 | 37 | 1  | 35 | 14 | 6  | 7 | 27 | 23 | 12 | 2  | 7  | 15 | 4  |
| 10 | 9   | 12 | 21 | 38 | 2   | 50 | 15 | 50 | 9   | 1  | -  | -  | 2   | 36 | 17 | 12 | 7 | 39 | 21 | 37 | 1  | 54 | 14 | 44 | 7 | 58 | -  | -  | 2  | 53 | 16 | 35 |
| 11 | 9   | 42 | 23 | 17 | 3   | 20 | 17 | 11 | 9   | 39 | -  | -  | -   | -  | 18 | 59 | 8 | 3  | -  | -  | 2  | 7  | 15 | 47 | 1 | 57 | 9  | 11 | 6  | 34 | 18 | 30 |
| 12 | 10  | 19 | -  | -  | 4   | 3  | 18 | 41 | 4   | 6  | 10 | 49 | 6   | 57 | 20 | 13 | 8 | 31 | -  | -  | -  | -  | 17 | 51 | 2 | 37 | 12 | 37 | 8  | 15 | 19 | 47 |
| 13 | 2   | 31 | 11 | 9  | 5   | 42 | 19 | 47 | 4   | 17 | 13 | 26 | 8   | 43 | 21 | 7  | 3 | 46 | 9  | 26 | 6  | 58 | 19 | 35 | 3 | 0  | 14 | 4  | 8  | 49 | 20 | 39 |
| 14 | 3   | 46 | 12 | 21 | 7   | 28 | 20 | 38 | 4   | 36 | 14 | 43 | 9   | 36 | 21 | 50 | 3 | 47 | 13 | 14 | 8  | 50 | 20 | 38 | 3 | 22 | 14 | 57 | 9  | 19 | 21 | 22 |
| 15 | 4   | 21 | 13 | 48 | 8   | 42 | 21 | 22 | 4   | 56 | 15 | 29 | 10  | 12 | 22 | 27 | 4 | 1  | 14 | 31 | 9  | 25 | 21 | 23 | 3 | 43 | 15 | 43 | 9  | 50 | 22 | 1  |
| 16 | 4   | 49 | 14 | 50 | 9   | 36 | 22 | 2  | 5   | 17 | 16 | 7  | 10  | 44 | 23 | 1  | 4 | 19 | 15 | 17 | 9  | 54 | 22 | 1  | 4 | 5  | 16 | 27 | 10 | 21 | 22 | 38 |
| 17 | 5   | 16 | 15 | 34 | 10  | 19 | 22 | 40 | 5   | 38 | 16 | 43 | 11  | 15 | 23 | 32 | 4 | 37 | 15 | 57 | 10 | 22 | 22 | 35 | 4 | 29 | 17 | 11 | 10 | 55 | 23 | 14 |
| 18 | 5   | 42 | 16 | 12 | 10  | 55 | 23 | 15 | 6   | 0  | 17 | 20 | 11  | 46 | -  | -  | 4 | 57 | 16 | 36 | 10 | 52 | 23 | 8  | 4 | 53 | 17 | 56 | 11 | 30 | 23 | 49 |
| 19 | 6   | 8  | 16 | 47 | 11  | 29 | 23 | 48 | 6   | 22 | 17 | 58 | 0   | 3  | 12 | 18 | 5 | 17 | 17 | 15 | 11 | 23 | 23 | 40 | 5 | 19 | 18 | 43 | -  | -  | 12 | 7  |
| 20 | 6   | 33 | 17 | 23 | -   | -  | 12 | 2  | 6   | 44 | 18 | 39 | 0   | 32 | 12 | 50 | 5 | 38 | 17 | 56 | 11 | 54 | -  | -  | 5 | 45 | 19 | 33 | 0  | 23 | 12 | 46 |
| 21 | 6   | 59 | 17 | 59 | 0   | 20 | 12 | 36 | 7   | 6  | 19 | 23 | 1   | 0  | 13 | 24 | 6 | 0  | 18 | 39 | 0  | 10 | 12 | 27 | 6 | 13 | 20 | 30 | 0  | 57 | 13 | 30 |
| 22 | 7   | 25 | 18 | 39 | 0   | 51 | 13 | 10 | 7   | 27 | 20 | 12 | 1   | 27 | 14 | 1  | 6 | 22 | 19 | 25 | 0  | 40 | 13 | 2  | 6 | 42 | 21 | 41 | 1  | 32 | 14 | 21 |
| 23 | 7   | 51 | 19 | 23 | 1   | 21 | 13 | 46 | 7   | 50 | 21 | 12 | 1   | 53 | 14 | 45 | 6 | 44 | 20 | 16 | 1  | 9  | 13 | 41 | 7 | 15 | 23 | 20 | 2  | 15 | 15 | 25 |
| 24 | 8   | 17 | 20 | 15 | 1   | 50 | 14 | 27 | 8   | 13 | 22 | 43 | 2   | 15 | 15 | 47 | 7 | 6  | 21 | 22 | 1  | 35 | 14 | 26 | 8 | 1  | -  | -  | 3  | 32 | 16 | 51 |
| 25 | 8   | 44 | 21 | 20 | 2   | 20 | 15 | 17 | 8   | 39 | -  | -  | 2   | 24 | 17 | 26 | 7 | 29 | 23 | 24 | 1  | 59 | 15 | 30 | 1 | 1  | 10 | 57 | 6  | 54 | 18 | 23 |
| 26 | 9   | 13 | 22 | 46 | 2   | 50 | 16 | 26 | 9   | 17 | -  | -  | -   | -  | 19 | 14 | 7 | 51 | -  | -  | 2  | 15 | 17 | 10 | 1 | 55 | 13 | 17 | 8  | 6  | 19 | 35 |
| 27 | 9   | 49 | -  | -  | 3   | 25 | 17 | 59 | 4   | 2  | 12 | 52 | 8   | 54 | 20 | 32 | 3 | 2  | -  | -  | -  | -  | 19 | 0  | 2 | 27 | 14 | 27 | 8  | 44 | 20 | 30 |
| 28 | 1   | 56 | 10 | 40 | 4   | 55 | 19 | 24 | 4   | 17 | 14 | 38 | 9   | 40 | 21 | 30 | 3 | 15 | 13 | 29 | 8  | 57 | 20 | 16 | 2 | 54 | 15 | 18 | 9  | 16 | 21 | 14 |
| 29 | 3   | 55 | 12 | 21 | 7   | 46 | 20 | 34 |     |    |    |    |     |    |    |    | 3 | 34 | 14 | 41 | 9  | 22 | 21 | 9  | 3 | 18 | 16 | 1  | 9  | 47 | 21 | 52 |
| 30 | 4   | 30 | 14 | 17 | 9   | 18 | 21 | 33 |     |    |    |    |     |    |    |    | 3 | 54 | 15 | 29 | 9  | 50 | 21 | 51 | 3 | 42 | 16 | 41 | 10 | 17 | 22 | 28 |
| 31 | 5   | 0  | 15 | 23 | 10  | 13 | 22 | 24 |     |    |    |    |     |    |    |    | 4 | 14 | 16 | 9  | 10 | 19 | 22 | 27 |   |    |    |    |    |    |    |    |

## 各地潮時の平均改正数

| 地名 | 改正数                             | 地名  | 改正数                             | 地名 | 改正数                             | 地名 | 改正数                             | 地名 | 改正数                             | 地名 | 改正数                             |
|----|---------------------------------|-----|---------------------------------|----|---------------------------------|----|---------------------------------|----|---------------------------------|----|---------------------------------|
| 長崎 | +3 <sup>h</sup> 20 <sup>m</sup> | 鹿児島 | +2 <sup>h</sup> 20 <sup>m</sup> | 高知 | +1 <sup>h</sup> 10 <sup>m</sup> | 高松 | +6 <sup>h</sup> 20 <sup>m</sup> | 下関 | +4 <sup>h</sup> 20 <sup>m</sup> | 広島 | +4 <sup>h</sup> 50 <sup>m</sup> |

この平均改正数を加えると各地の概略の値が得られる。ただし、その誤差は大きくなる場合がある。

| 日  | 5 月 |    |    |    | 6 月 |    |    |    | 7 月 |    |    |    | 8 月 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|-----|----|----|----|-----|----|----|----|-----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|    | 満潮  |    | 干潮 |    | 満潮  |    | 干潮 |    | 満潮  |    | 干潮 |    | 満潮  |    | 干潮 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 日  | h   | m  | h  | m  | h   | m  | h  | m  | h   | m  | h  | m  | h   | m  | h  | m  | h  | m  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 1  | 4   | 5  | 17 | 18 | 10  | 47 | 23 | 1  | 4   | 25 | 18 | 27 | 11  | 27 | 23 | 48 | 4  | 47 | 18 | 47 | 11 | 51 | -  | -  | 5  | 52 | 19 | 7  | 0  | 28 | 12 | 39 |
| 2  | 4   | 29 | 17 | 54 | 11  | 16 | 23 | 33 | 4   | 57 | 19 | 1  | -   | -  | 12 | 0  | 5  | 22 | 19 | 16 | 0  | 11 | 12 | 25 | 6  | 31 | 19 | 31 | 1  | 0  | 13 | 7  |
| 3  | 4   | 54 | 18 | 30 | 11  | 45 | -  | -  | 5   | 28 | 19 | 35 | 0   | 21 | 12 | 35 | 5  | 57 | 19 | 45 | 0  | 45 | 12 | 58 | 7  | 13 | 19 | 55 | 1  | 33 | 13 | 35 |
| 4  | 5   | 19 | 19 | 5  | 0   | 3  | 12 | 15 | 6   | 1  | 20 | 12 | 0   | 55 | 13 | 9  | 6  | 35 | 20 | 15 | 1  | 19 | 13 | 29 | 8  | 1  | 20 | 19 | 2  | 9  | 14 | 4  |
| 5  | 5   | 45 | 19 | 43 | 0   | 33 | 12 | 46 | 6   | 37 | 20 | 52 | 1   | 31 | 13 | 45 | 7  | 18 | 20 | 45 | 1  | 57 | 14 | 1  | 8  | 58 | 20 | 46 | 2  | 51 | 14 | 33 |
| 6  | 6   | 12 | 20 | 25 | 1   | 3  | 13 | 19 | 7   | 18 | 21 | 34 | 2   | 12 | 14 | 24 | 8  | 10 | 21 | 16 | 2  | 38 | 14 | 35 | 10 | 8  | 21 | 17 | 3  | 46 | 15 | 5  |
| 7  | 6   | 42 | 21 | 16 | 1   | 36 | 13 | 57 | 8   | 12 | 22 | 18 | 3   | 4  | 15 | 8  | 9  | 13 | 21 | 49 | 3  | 28 | 15 | 13 | 11 | 56 | 21 | 57 | 5  | 2  | 15 | 52 |
| 8  | 7   | 16 | 22 | 21 | 2   | 15 | 14 | 43 | 9   | 29 | 23 | 3  | 4   | 14 | 16 | 2  | 10 | 30 | 22 | 26 | 4  | 33 | 16 | 1  | 15 | 16 | 23 | 6  | 6  | 32 | 18 | 31 |
| 9  | 8   | 2  | 23 | 37 | 3   | 16 | 15 | 45 | 11  | 3  | 23 | 48 | 5   | 40 | 17 | 11 | 12 | 5  | 23 | 9  | 5  | 49 | 17 | 14 | -  | -  | 16 | 6  | 7  | 52 | 20 | 39 |
| 10 | 9   | 35 | -  | -  | 5   | 14 | 17 | 8  | -   | -  | 12 | 39 | 6   | 51 | 18 | 31 | -  | -  | 14 | 10 | 7  | 1  | 18 | 54 | 1  | 23 | 16 | 38 | 8  | 59 | 21 | 49 |
| 11 | 0   | 42 | 11 | 47 | 7   | 2  | 18 | 33 | 0   | 33 | 14 | 9  | 7   | 45 | 19 | 43 | 0  | 7  | 15 | 43 | 8  | 4  | 20 | 22 | 2  | 53 | 17 | 8  | 9  | 57 | 22 | 35 |
| 12 | 1   | 28 | 13 | 23 | 7   | 55 | 19 | 40 | 1   | 21 | 15 | 24 | 8   | 33 | 20 | 45 | 1  | 24 | 16 | 38 | 9  | 3  | 21 | 35 | 3  | 51 | 17 | 36 | 10 | 46 | 23 | 14 |
| 13 | 2   | 4  | 14 | 32 | 8   | 34 | 20 | 35 | 2   | 9  | 16 | 25 | 9   | 20 | 21 | 41 | 2  | 41 | 17 | 22 | 9  | 59 | 22 | 34 | 4  | 38 | 18 | 2  | 11 | 29 | 23 | 49 |
| 14 | 2   | 36 | 15 | 29 | 9   | 11 | 21 | 22 | 2   | 58 | 17 | 18 | 10  | 8  | 22 | 34 | 3  | 43 | 18 | 0  | 10 | 52 | 23 | 23 | 5  | 21 | 18 | 26 | -  | -  | 12 | 7  |
| 15 | 3   | 8  | 16 | 21 | 9   | 49 | 22 | 7  | 3   | 46 | 18 | 6  | 10  | 57 | 23 | 24 | 4  | 35 | 18 | 35 | 11 | 42 | -  | -  | 6  | 3  | 18 | 48 | 0  | 23 | 12 | 40 |
| 16 | 3   | 40 | 17 | 11 | 10  | 28 | 22 | 50 | 4   | 33 | 18 | 52 | 11  | 46 | -  | -  | 5  | 23 | 19 | 7  | 0  | 5  | 12 | 26 | 6  | 43 | 19 | 9  | 0  | 56 | 13 | 9  |
| 17 | 4   | 13 | 18 | 1  | 11  | 9  | 23 | 32 | 5   | 19 | 19 | 35 | 0   | 11 | 12 | 35 | 6  | 8  | 19 | 36 | 0  | 45 | 13 | 5  | 7  | 25 | 19 | 29 | 1  | 28 | 13 | 35 |
| 18 | 4   | 47 | 18 | 51 | 11  | 53 | -  | -  | 6   | 5  | 20 | 16 | 0   | 55 | 13 | 22 | 6  | 53 | 20 | 2  | 1  | 22 | 13 | 40 | 8  | 9  | 19 | 51 | 2  | 2  | 13 | 59 |
| 19 | 5   | 23 | 19 | 42 | 0   | 13 | 12 | 39 | 6   | 54 | 20 | 53 | 1   | 39 | 14 | 5  | 7  | 40 | 20 | 26 | 2  | 0  | 14 | 12 | 9  | 0  | 20 | 14 | 2  | 39 | 14 | 22 |
| 20 | 6   | 1  | 20 | 36 | 0   | 55 | 13 | 27 | 7   | 47 | 21 | 27 | 2   | 25 | 14 | 47 | 8  | 31 | 20 | 51 | 2  | 40 | 14 | 41 | 10 | 8  | 20 | 41 | 3  | 25 | 14 | 42 |
| 21 | 6   | 43 | 21 | 32 | 1   | 40 | 14 | 18 | 8   | 51 | 22 | 0  | 3   | 18 | 15 | 28 | 9  | 31 | 21 | 17 | 3  | 27 | 15 | 11 | -  | -  | 21 | 14 | 4  | 37 | -  | -  |
| 22 | 7   | 34 | 22 | 28 | 2   | 34 | 15 | 14 | 10  | 10 | 22 | 34 | 4   | 23 | 16 | 13 | 10 | 49 | 21 | 48 | 4  | 28 | 15 | 46 | 15 | 38 | 22 | 12 | 6  | 18 | 18 | 26 |
| 23 | 8   | 51 | 23 | 22 | 3   | 46 | 16 | 15 | 11  | 44 | 23 | 12 | 5   | 42 | 17 | 10 | 13 | 14 | 22 | 28 | 5  | 48 | 16 | 54 | -  | -  | 15 | 57 | 7  | 42 | 20 | 28 |
| 24 | 10  | 48 | -  | -  | 5   | 30 | 17 | 23 | 13  | 35 | 23 | 56 | 6   | 55 | 18 | 22 | 15 | 26 | 23 | 26 | 7  | 5  | 18 | 49 | 0  | 50 | 16 | 19 | 8  | 44 | 21 | 26 |
| 25 | 0   | 10 | 12 | 38 | 6   | 59 | 18 | 31 | -   | -  | 15 | 6  | 7   | 52 | 19 | 35 | -  | -  | 16 | 8  | 8  | 8  | 20 | 20 | 2  | 28 | 16 | 40 | 9  | 31 | 22 | 3  |
| 26 | 0   | 53 | 14 | 3  | 7   | 54 | 19 | 33 | 0   | 50 | 16 | 2  | 8   | 38 | 20 | 39 | 1  | 4  | 16 | 38 | 9  | 0  | 21 | 25 | 3  | 17 | 17 | 1  | 10 | 10 | 22 | 34 |
| 27 | 1   | 33 | 15 | 7  | 8   | 36 | 20 | 26 | 1   | 50 | 16 | 42 | 9   | 20 | 21 | 33 | 2  | 31 | 17 | 6  | 9  | 46 | 22 | 12 | 3  | 56 | 17 | 21 | 10 | 45 | 23 | 4  |
| 28 | 2   | 11 | 15 | 57 | 9   | 13 | 21 | 13 | 2   | 45 | 17 | 16 | 10  | 0  | 22 | 19 | 3  | 23 | 17 | 31 | 10 | 28 | 22 | 50 | 4  | 32 | 17 | 42 | 11 | 16 | 23 | 34 |
| 29 | 2   | 46 | 16 | 39 | 9   | 47 | 21 | 56 | 3   | 31 | 17 | 47 | 10  | 38 | 23 | 0  | 4  | 4  | 17 | 56 | 11 | 5  | 23 | 24 | 5  | 8  | 18 | 2  | 11 | 46 | -  | -  |
| 30 | 3   | 20 | 17 | 17 | 10  | 20 | 22 | 36 | 4   | 11 | 18 | 17 | 11  | 16 | 23 | 36 | 4  | 40 | 18 | 20 | 11 | 38 | 23 | 56 | 5  | 45 | 18 | 23 | 0  | 4  | 12 | 14 |
| 31 | 3   | 53 | 17 | 53 | 10  | 53 | 23 | 13 |     |    |    |    |     |    |    |    | 5  | 16 | 18 | 44 | -  | -  | 12 | 9  | 6  | 25 | 18 | 44 | 0  | 35 | 12 | 42 |

各地潮時の平均改正数

| 地名 | 改正数                             | 地名 | 改正数                             | 地名  | 改正数                            | 地名 | 改正数                             | 地名 | 改正数                            | 地名 | 改正数                            |
|----|---------------------------------|----|---------------------------------|-----|--------------------------------|----|---------------------------------|----|--------------------------------|----|--------------------------------|
| 神戸 | +2 <sup>h</sup> 30 <sup>m</sup> | 敦賀 | -2 <sup>h</sup> 40 <sup>m</sup> | 名古屋 | +1 <sup>h</sup> 0 <sup>m</sup> | 新潟 | -2 <sup>h</sup> 10 <sup>m</sup> | 横浜 | +0 <sup>h</sup> 0 <sup>m</sup> | 銚子 | -1 <sup>h</sup> 0 <sup>m</sup> |

この平均改正数を加えると各地の概略の値が得られる。ただし、その誤差は大きくなる場合がある。

東京 潮汐 令和 8 年 2026 中央標準時

| 日  | 9 月 |    |    |    | 10 月 |    |    |    | 11 月 |    |    |    | 12 月 |    |    |    |
|----|-----|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
|    | 満潮  |    | 干潮 |    | 満潮   |    | 干潮 |    | 満潮   |    | 干潮 |    | 満潮   |    | 干潮 |    |
| 日  | h   | m  | h  | m  | h    | m  | h  | m  | h    | m  | h  | m  | h    | m  | h  | m  |
| 1  | 7   | 7  | 19 | 5  | 1    | 7  | 13 | 10 | 7    | 55 | 18 | 45 | 1    | 20 | 13 | 15 |
| 2  | 7   | 55 | 19 | 28 | 1    | 42 | 13 | 36 | 8    | 56 | 19 | 10 | 2    | 3  | 13 | 43 |
| 3  | 8   | 50 | 19 | 51 | 2    | 22 | 14 | 1  | 10   | 31 | 19 | 36 | 3    | 0  | 14 | 13 |
| 4  | 10  | 6  | 20 | 18 | 3    | 15 | 14 | 22 | 13   | 53 | 20 | 10 | 4    | 26 | 16 | 24 |
| 5  | -   | -  | 20 | 52 | 4    | 35 | -  | -  | -    | -  | 14 | 41 | 6    | 13 | 20 | 22 |
| 6  | 15  | 33 | 23 | 0  | 6    | 21 | 19 | 49 | 0    | 31 | 15 | 5  | 7    | 38 | 20 | 54 |
| 7  | -   | -  | 15 | 51 | 7    | 50 | 21 | 11 | 2    | 7  | 15 | 27 | 8    | 37 | 21 | 25 |
| 8  | 1   | 58 | 16 | 12 | 8    | 56 | 21 | 48 | 3    | 3  | 15 | 48 | 9    | 23 | 21 | 56 |
| 9  | 3   | 4  | 16 | 35 | 9    | 47 | 22 | 21 | 3    | 48 | 16 | 10 | 10   | 2  | 22 | 27 |
| 10 | 3   | 53 | 16 | 57 | 10   | 30 | 22 | 53 | 4    | 30 | 16 | 31 | 10   | 37 | 22 | 57 |
| 11 | 4   | 35 | 17 | 18 | 11   | 7  | 23 | 25 | 5    | 9  | 16 | 52 | 11   | 10 | 23 | 27 |
| 12 | 5   | 15 | 17 | 39 | 11   | 40 | 23 | 56 | 5    | 46 | 17 | 13 | 11   | 40 | 23 | 56 |
| 13 | 5   | 54 | 17 | 59 | -    | -  | 12 | 10 | 6    | 24 | 17 | 35 | -    | -  | 12 | 9  |
| 14 | 6   | 32 | 18 | 18 | 0    | 26 | 12 | 37 | 7    | 1  | 17 | 57 | 0    | 25 | 12 | 37 |
| 15 | 7   | 11 | 18 | 38 | 0    | 55 | 13 | 2  | 7    | 40 | 18 | 21 | 0    | 55 | 13 | 4  |
| 16 | 7   | 52 | 19 | 0  | 1    | 26 | 13 | 26 | 8    | 25 | 18 | 46 | 1    | 27 | 13 | 32 |
| 17 | 8   | 38 | 19 | 22 | 1    | 58 | 13 | 49 | 9    | 24 | 19 | 13 | 2    | 5  | 14 | 3  |
| 18 | 9   | 42 | 19 | 47 | 2    | 37 | 14 | 10 | 11   | 2  | 19 | 45 | 2    | 55 | 14 | 59 |
| 19 | -   | -  | 20 | 16 | 3    | 37 | -  | -  | 13   | 15 | 20 | 55 | 4    | 17 | 18 | 10 |
| 20 | 15  | 3  | 21 | 9  | 5    | 23 | 18 | 37 | -    | -  | 14 | 9  | 6    | 4  | 19 | 58 |
| 21 | -   | -  | 15 | 21 | 7    | 8  | 20 | 35 | 0    | 11 | 14 | 37 | 7    | 22 | 20 | 34 |
| 22 | 0   | 48 | 15 | 40 | 8    | 15 | 21 | 10 | 1    | 45 | 14 | 59 | 8    | 16 | 21 | 4  |
| 23 | 2   | 15 | 15 | 58 | 9    | 2  | 21 | 39 | 2    | 40 | 15 | 20 | 8    | 59 | 21 | 33 |
| 24 | 3   | 2  | 16 | 17 | 9    | 40 | 22 | 7  | 3    | 26 | 15 | 42 | 9    | 37 | 22 | 3  |
| 25 | 3   | 42 | 16 | 36 | 10   | 14 | 22 | 36 | 4    | 9  | 16 | 5  | 10   | 13 | 22 | 35 |
| 26 | 4   | 20 | 16 | 55 | 10   | 46 | 23 | 5  | 4    | 52 | 16 | 30 | 10   | 49 | 23 | 9  |
| 27 | 4   | 59 | 17 | 16 | 11   | 18 | 23 | 36 | 5    | 36 | 16 | 55 | 11   | 24 | 23 | 45 |
| 28 | 5   | 39 | 17 | 37 | 11   | 48 | -  | -  | 6    | 21 | 17 | 22 | 11   | 58 | -  | -  |
| 29 | 6   | 20 | 17 | 59 | 0    | 8  | 12 | 18 | 7    | 10 | 17 | 51 | 0    | 24 | 12 | 32 |
| 30 | 7   | 5  | 18 | 22 | 0    | 42 | 12 | 47 | 8    | 4  | 18 | 21 | 1    | 7  | 13 | 8  |
| 31 |     |    |    |    |      |    |    |    | 9    | 10 | 18 | 55 | 1    | 56 | 13 | 49 |

## 各地潮時の平均改正数

| 地名 | 改正数                             | 地名 | 改正数                             | 地名 | 改正数                             | 地名 | 改正数                            |
|----|---------------------------------|----|---------------------------------|----|---------------------------------|----|--------------------------------|
| 石巻 | -1 <sup>h</sup> 20 <sup>m</sup> | 函館 | -1 <sup>h</sup> 40 <sup>m</sup> | 室蘭 | -1 <sup>h</sup> 50 <sup>m</sup> | 釧路 | -2 <sup>h</sup> 0 <sup>m</sup> |

この平均改正数を加えると各地の概略の値が得られる。ただし、その誤差は大きくなる場合がある。

水 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |   |                             | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                     |                                 |                                 |
|------|----|--------------|---|-----------------------------|------------------------|-------|-------|-------------------------------|---------------------------------|---------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯                         | 距離                     | 視差    | 視半径   | 出                             | 南中                              | 入                               |
| 1 0  |    | -0.6         | 17 <sup>h</sup> 47 <sup>m</sup> 26.226 <sup>s</sup> | -23 <sup>°</sup> 51' 55.22" | 1.369800 <sup>au</sup> | 6.42" | 2.46" | 6 <sup>h</sup> 0 <sup>m</sup> | 10 <sup>h</sup> 50 <sup>m</sup> | 15 <sup>h</sup> 40 <sup>m</sup> |
| 1 1  |    | -0.6         | 17 54 05.451  | -24 00 04.28                | 1.377642               | 6.38  | 2.44  | 6 3                           | 10 53                           | 15 42                           |
| 1 2  |    | -0.6         | 18 00 47.005  | -24 07 00.43                | 1.384925               | 6.35  | 2.43  | 6 6                           | 10 55                           | 15 44                           |
| 1 3  |    | -0.6         | 18 07 30.756  | -24 12 42.23                | 1.391656               | 6.32  | 2.42  | 6 10                          | 10 58                           | 15 47                           |
| 1 4  |    | -0.6         | 18 14 16.577  | -24 17 08.29                | 1.397841               | 6.29  | 2.41  | 6 13                          | 11 1                            | 15 49                           |
| 1 5  |    | -0.7         | 18 21 04.347  | -24 20 17.32                | 1.403484               | 6.27  | 2.40  | 6 16                          | 11 4                            | 15 52                           |
| 1 6  |    | -0.7         | 18 27 53.948  | -24 22 08.05                | 1.408589               | 6.24  | 2.39  | 6 19                          | 11 7                            | 15 55                           |
| 1 7  |    | -0.7         | 18 34 45.267  | -24 22 39.30                | 1.413159               | 6.22  | 2.38  | 6 22                          | 11 10                           | 15 58                           |
| 1 8  |    | -0.7         | 18 41 38.195  | -24 21 49.93                | 1.417194               | 6.21  | 2.37  | 6 25                          | 11 13                           | 16 1                            |
| 1 9  |    | -0.8         | 18 48 32.622  | -24 19 38.87                | 1.420697               | 6.19  | 2.37  | 6 27                          | 11 16                           | 16 4                            |
| 1 10 |    | -0.8         | 18 55 28.441  | -24 16 05.10                | 1.423666               | 6.18  | 2.36  | 6 30                          | 11 19                           | 16 7                            |
| 1 11 |    | -0.9         | 19 02 25.546  | -24 11 07.65                | 1.426099               | 6.17  | 2.36  | 6 33                          | 11 22                           | 16 11                           |
| 1 12 |    | -0.9         | 19 09 23.829  | -24 04 45.59                | 1.427995               | 6.16  | 2.36  | 6 36                          | 11 25                           | 16 14                           |
| 1 13 |    | -0.9         | 19 16 23.184  | -23 56 58.07                | 1.429350               | 6.15  | 2.35  | 6 38                          | 11 28                           | 16 18                           |
| 1 14 |    | -1.0         | 19 23 23.505  | -23 47 44.23                | 1.430157               | 6.15  | 2.35  | 6 41                          | 11 31                           | 16 21                           |
| 1 15 |    | -1.0         | 19 30 24.687  | -23 37 03.32                | 1.430413               | 6.15  | 2.35  | 6 43                          | 11 34                           | 16 25                           |
| 1 16 |    | -1.1         | 19 37 26.621  | -23 24 54.58                | 1.430108               | 6.15  | 2.35  | 6 46                          | 11 37                           | 16 29                           |
| 1 17 |    | -1.2         | 19 44 29.200  | -23 11 17.35                | 1.429233               | 6.15  | 2.35  | 6 48                          | 11 40                           | 16 33                           |
| 1 18 |    | -1.2         | 19 51 32.315  | -22 56 10.97                | 1.427780               | 6.16  | 2.36  | 6 50                          | 11 43                           | 16 37                           |
| 1 19 |    | -1.3         | 19 58 35.856  | -22 39 34.89                | 1.425736               | 6.17  | 2.36  | 6 52                          | 11 46                           | 16 41                           |
| 1 20 |    | -1.3         | 20 05 39.711  | -22 21 28.57                | 1.423088               | 6.18  | 2.36  | 6 54                          | 11 50                           | 16 45                           |
| 1 21 |    | -1.4         | 20 12 43.765  | -22 01 51.55                | 1.419821               | 6.19  | 2.37  | 6 56                          | 11 53                           | 16 49                           |
| 1 22 | 外合 | -1.4         | 20 19 47.899  | -21 40 43.47                | 1.415920               | 6.21  | 2.38  | 6 58                          | 11 56                           | 16 54                           |
| 1 23 |    | -1.4         | 20 26 51.990  | -21 18 04.01                | 1.411365               | 6.23  | 2.38  | 7 0                           | 11 59                           | 16 58                           |
| 1 24 |    | -1.4         | 20 33 55.907  | -20 53 53.02                | 1.406137               | 6.25  | 2.39  | 7 2                           | 12 2                            | 17 3                            |
| 1 25 |    | -1.4         | 20 40 59.515  | -20 28 10.43                | 1.400216               | 6.28  | 2.40  | 7 4                           | 12 5                            | 17 7                            |
| 1 26 |    | -1.4         | 20 48 02.665  | -20 00 56.30                | 1.393577               | 6.31  | 2.41  | 7 5                           | 12 8                            | 17 12                           |
| 1 27 |    | -1.3         | 20 55 05.193  | -19 32 10.89                | 1.386195               | 6.34  | 2.43  | 7 7                           | 12 11                           | 17 17                           |
| 1 28 |    | -1.3         | 21 02 06.921  | -19 01 54.62                | 1.378045               | 6.38  | 2.44  | 7 8                           | 12 14                           | 17 22                           |
| 1 29 |    | -1.3         | 21 09 07.642  | -18 30 08.15                | 1.369097               | 6.42  | 2.46  | 7 9                           | 12 18                           | 17 26                           |
| 1 30 |    | -1.3         | 21 16 07.128  | -17 56 52.42                | 1.359323               | 6.47  | 2.47  | 7 11                          | 12 21                           | 17 31                           |
| 1 31 |    | -1.3         | 21 23 05.113  | -17 22 08.66                | 1.348689               | 6.52  | 2.49  | 7 12                          | 12 24                           | 17 36                           |
| 2 1  |    | -1.2         | 21 30 01.296  | -16 45 58.51                | 1.337165               | 6.58  | 2.52  | 7 13                          | 12 27                           | 17 41                           |
| 2 2  |    | -1.2         | 21 36 55.327  | -16 08 24.03                | 1.324717               | 6.64  | 2.54  | 7 14                          | 12 30                           | 17 46                           |
| 2 3  |    | -1.2         | 21 43 46.804  | -15 29 27.80                | 1.311312               | 6.71  | 2.56  | 7 15                          | 12 32                           | 17 51                           |
| 2 4  |    | -1.2         | 21 50 35.261  | -14 49 13.03                | 1.296918               | 6.78  | 2.59  | 7 16                          | 12 35                           | 17 56                           |
| 2 5  |    | -1.2         | 21 57 20.154  | -14 07 43.68                | 1.281503               | 6.86  | 2.62  | 7 16                          | 12 38                           | 18 1                            |
| 2 6  |    | -1.2         | 22 04 00.851  | -13 25 04.54                | 1.265040               | 6.95  | 2.66  | 7 17                          | 12 41                           | 18 6                            |
| 2 7  |    | -1.2         | 22 10 36.619  | -12 41 21.39                | 1.247505               | 7.05  | 2.70  | 7 17                          | 12 44                           | 18 11                           |
| 2 8  |    | -1.2         | 22 17 06.610  | -11 56 41.15                | 1.228878               | 7.16  | 2.74  | 7 18                          | 12 46                           | 18 16                           |
| 2 9  |    | -1.1         | 22 23 29.847  | -11 11 11.99                | 1.209150               | 7.27  | 2.78  | 7 18                          | 12 49                           | 18 20                           |
| 2 10 |    | -1.1         | 22 29 45.210  | -10 25 03.47                | 1.188321               | 7.40  | 2.83  | 7 18                          | 12 51                           | 18 25                           |
| 2 11 |    | -1.1         | 22 35 51.430  | -09 38 26.72                | 1.166400               | 7.54  | 2.88  | 7 18                          | 12 53                           | 18 29                           |
| 2 12 |    | -1.0         | 22 41 47.075  | -08 51 34.49                | 1.143414               | 7.69  | 2.94  | 7 17                          | 12 55                           | 18 33                           |
| 2 13 |    | -1.0         | 22 47 30.549  | -08 04 41.29                | 1.119407               | 7.86  | 3.00  | 7 17                          | 12 57                           | 18 37                           |
| 2 14 |    | -0.9         | 22 53 00.094  | -07 18 03.41                | 1.094441               | 8.04  | 3.07  | 7 16                          | 12 58                           | 18 41                           |
| 2 15 |    | -0.9         | 22 58 13.798  | -06 31 58.88                | 1.068599               | 8.23  | 3.15  | 7 15                          | 12 59                           | 18 45                           |

西方：西方最大離角，東方：東方最大離角

水 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                      |                                 |                                 |
|------|----|--------------|---|-----------------|------------------------|-------|-------|--------------------------------|---------------------------------|---------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                              | 南中                              | 入                               |
| 2 15 |    | -0.9         | 22 <sup>h</sup> 58 <sup>m</sup> 13.798 <sup>s</sup> | -06° 31' 58.88" | 1.068599 <sup>au</sup> | 8.23" | 3.15" | 7 <sup>h</sup> 15 <sup>m</sup> | 12 <sup>h</sup> 59 <sup>m</sup> | 18 <sup>h</sup> 45 <sup>m</sup> |
| 16   |    | -0.8         | 23 03 09.613  | -05 46 47.45    | 1.041987               | 8.44  | 3.23  | 7 14                           | 13 0                            | 18 48                           |
| 17   |    | -0.7         | 23 07 45.382  | -05 02 50.38    | 1.014735               | 8.67  | 3.31  | 7 13                           | 13 1                            | 18 50                           |
| 18   |    | -0.6         | 23 11 58.878  | -04 20 30.22    | 0.986995               | 8.91  | 3.41  | 7 11                           | 13 1                            | 18 52                           |
| 19   |    | -0.5         | 23 15 47.855  | -03 40 10.49    | 0.958938               | 9.17  | 3.51  | 7 9                            | 13 1                            | 18 54                           |
| 20   | 東方 | -0.4         | 23 19 10.102  | -03 02 15.32    | 0.930757               | 9.45  | 3.61  | 7 6                            | 13 0                            | 18 55                           |
| 21   |    | -0.3         | 23 22 03.515  | -02 27 08.95    | 0.902657               | 9.74  | 3.73  | 7 4                            | 12 59                           | 18 55                           |
| 22   |    | -0.1         | 23 24 26.173  | -01 55 15.25    | 0.874854               | 10.05 | 3.84  | 7 1                            | 12 57                           | 18 55                           |
| 23   |    | +0.0         | 23 26 16.417  | -01 26 57.16    | 0.847572               | 10.38 | 3.97  | 6 57                           | 12 55                           | 18 54                           |
| 24   |    | +0.2         | 23 27 32.939  | -01 02 36.08    | 0.821032               | 10.71 | 4.10  | 6 54                           | 12 53                           | 18 52                           |
| 25   |    | +0.5         | 23 28 14.864  | -00 42 31.21    | 0.795454               | 11.06 | 4.23  | 6 49                           | 12 49                           | 18 49                           |
| 26   | 留  | +0.8         | 23 28 21.845  | -00 26 58.90    | 0.771047               | 11.41 | 4.36  | 6 45                           | 12 45                           | 18 46                           |
| 27   |    | +1.1         | 23 27 54.133  | -00 16 11.83    | 0.748007               | 11.76 | 4.50  | 6 40                           | 12 41                           | 18 42                           |
| 28   |    | +1.5         | 23 26 52.651  | -00 10 18.34    | 0.726513               | 12.10 | 4.63  | 6 35                           | 12 36                           | 18 37                           |
| 3 1  |    | +2.0         | 23 25 19.042  | -00 09 21.65    | 0.706724               | 12.44 | 4.76  | 6 29                           | 12 30                           | 18 31                           |
| 2    |    | +2.5         | 23 23 15.691  | -00 13 19.18    | 0.688772               | 12.77 | 4.88  | 6 24                           | 12 24                           | 18 25                           |
| 3    |    | +3.1         | 23 20 45.713  | -00 22 02.09    | 0.672767               | 13.07 | 5.00  | 6 18                           | 12 18                           | 18 18                           |
| 4    |    | +3.7         | 23 17 52.896  | -00 35 15.03    | 0.658788               | 13.35 | 5.11  | 6 11                           | 12 11                           | 18 10                           |
| 5    |    | +4.4         | 23 14 41.610  | -00 52 36.22    | 0.646887               | 13.59 | 5.20  | 6 5                            | 12 4                            | 18 2                            |
| 6    |    | +5.0         | 23 11 16.661  | -01 13 37.96    | 0.637085               | 13.80 | 5.28  | 5 59                           | 11 56                           | 17 53                           |
| 7    | 内含 | +5.5         | 23 07 43.126  | -01 37 47.57    | 0.629374               | 13.97 | 5.34  | 5 52                           | 11 49                           | 17 45                           |
| 8    |    | +5.5         | 23 04 06.162  | -02 04 28.59    | 0.623720               | 14.10 | 5.39  | 5 46                           | 11 41                           | 17 36                           |
| 9    |    | +5.2         | 23 00 30.807  | -02 33 02.40    | 0.620062               | 14.18 | 5.42  | 5 40                           | 11 34                           | 17 27                           |
| 10   |    | +4.6         | 22 57 01.805  | -03 02 49.78    | 0.618319               | 14.22 | 5.44  | 5 34                           | 11 27                           | 17 18                           |
| 11   |    | +4.1         | 22 53 43.450  | -03 33 12.51    | 0.618390               | 14.22 | 5.44  | 5 28                           | 11 19                           | 17 10                           |
| 12   |    | +3.6         | 22 50 39.475  | -04 03 34.74    | 0.620162               | 14.18 | 5.42  | 5 23                           | 11 12                           | 17 1                            |
| 13   |    | +3.1         | 22 47 52.986  | -04 33 24.06    | 0.623512               | 14.10 | 5.39  | 5 17                           | 11 6                            | 16 54                           |
| 14   |    | +2.7         | 22 45 26.434  | -05 02 12.20    | 0.628309               | 14.00 | 5.35  | 5 12                           | 10 59                           | 16 46                           |
| 15   |    | +2.3         | 22 43 21.626  | -05 29 35.35    | 0.634425               | 13.86 | 5.30  | 5 8                            | 10 53                           | 16 39                           |
| 16   |    | +2.0         | 22 41 39.776  | -05 55 14.21    | 0.641731               | 13.70 | 5.24  | 5 3                            | 10 48                           | 16 32                           |
| 17   |    | +1.7         | 22 40 21.560  | -06 18 53.75    | 0.650100               | 13.53 | 5.17  | 4 59                           | 10 43                           | 16 26                           |
| 18   |    | +1.5         | 22 39 27.199  | -06 40 22.84    | 0.659415               | 13.34 | 5.10  | 4 55                           | 10 38                           | 16 20                           |
| 19   |    | +1.3         | 22 38 56.531  | -06 59 33.76    | 0.669565               | 13.13 | 5.02  | 4 52                           | 10 33                           | 16 15                           |
| 20   | 留  | +1.2         | 22 38 49.095  | -07 16 21.64    | 0.680445               | 12.92 | 4.94  | 4 48                           | 10 29                           | 16 10                           |
| 21   |    | +1.0         | 22 39 04.202  | -07 30 43.98    | 0.691963               | 12.71 | 4.86  | 4 45                           | 10 26                           | 16 6                            |
| 22   |    | +0.9         | 22 39 40.993  | -07 42 40.16    | 0.704032               | 12.49 | 4.78  | 4 43                           | 10 22                           | 16 2                            |
| 23   |    | +0.8         | 22 40 38.496  | -07 52 11.00    | 0.716576               | 12.27 | 4.69  | 4 40                           | 10 20                           | 15 59                           |
| 24   |    | +0.8         | 22 41 55.673  | -07 59 18.42    | 0.729524               | 12.05 | 4.61  | 4 38                           | 10 17                           | 15 56                           |
| 25   |    | +0.7         | 22 43 31.452  | -08 04 05.13    | 0.742818               | 11.84 | 4.53  | 4 35                           | 10 15                           | 15 54                           |
| 26   |    | +0.6         | 22 45 24.755  | -08 06 34.37    | 0.756401               | 11.63 | 4.45  | 4 34                           | 10 13                           | 15 52                           |
| 27   |    | +0.6         | 22 47 34.524  | -08 06 49.75    | 0.770226               | 11.42 | 4.37  | 4 32                           | 10 11                           | 15 50                           |
| 28   |    | +0.5         | 22 49 59.733  | -08 04 55.06    | 0.784251               | 11.21 | 4.29  | 4 30                           | 10 9                            | 15 48                           |
| 29   |    | +0.5         | 22 52 39.401  | -08 00 54.19    | 0.798440               | 11.01 | 4.21  | 4 29                           | 10 8                            | 15 48                           |
| 30   |    | +0.5         | 22 55 32.598  | -07 54 51.03    | 0.812760               | 10.82 | 4.14  | 4 27                           | 10 7                            | 15 47                           |
| 31   |    | +0.4         | 22 58 38.453  | -07 46 49.44    | 0.827182               | 10.63 | 4.07  | 4 26                           | 10 6                            | 15 46                           |
| 4 1  |    | +0.4         | 23 01 56.151  | -07 36 53.19    | 0.841683               | 10.45 | 4.00  | 4 25                           | 10 5                            | 15 46                           |
| 2    |    | +0.4         | 23 05 24.937  | -07 25 05.91    | 0.856241               | 10.27 | 3.93  | 4 24                           | 10 5                            | 15 47                           |

西方：西方最大離角，東方：東方最大離角

水 星 令和 8 年 2026

| 月 日 | 状況   | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |          |       | 東京, 中央標準時                      |                                |                                 |
|-----|------|--------------|---|-----------------|------------------------|----------|-------|--------------------------------|--------------------------------|---------------------------------|
|     |      | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差       | 視半径   | 出                              | 南中                             | 入                               |
| 4 2 | 西方   | +0.4         | 23 <sup>h</sup> 05 <sup>m</sup> 24.937 <sup>s</sup> | -07° 25' 05.91" | 0.856241 <sup>au</sup> | 10.27"   | 3.93" | 4 <sup>h</sup> 24 <sup>m</sup> | 10 <sup>h</sup> 5 <sup>m</sup> | 15 <sup>h</sup> 47 <sup>m</sup> |
| 3   |      | +0.4         | 23 09 04.116  | -07 11 31.15    | 0.870837               | 10.10    | 3.86  | 4 23                           | 10 5                           | 15 47                           |
| 4   |      | +0.3         | 23 12 53.049  | -06 56 12.30    | 0.885455               | 9.93     | 3.80  | 4 22                           | 10 5                           | 15 48                           |
| 5   |      | +0.3         | 23 16 51.152  | -06 39 12.60    | 0.900081               | 9.77     | 3.74  | 4 21                           | 10 5                           | 15 49                           |
| 6   |      | +0.3         | 23 20 57.896  | -06 20 35.18    | 0.914702               | 9.61     | 3.68  | 4 20                           | 10 5                           | 15 50                           |
| 7   |      | +0.3         | 23 25 12.801  | -06 00 23.02    | 0.929308               | 9.46     | 3.62  | 4 20                           | 10 5                           | 15 51                           |
| 8   |      | +0.2         | 23 29 35.440  | -05 38 38.96    | 0.943888               | 9.32     | 3.56  | 4 19                           | 10 6                           | 15 53                           |
| 9   |      | +0.2         | 23 34 05.430  | -05 15 25.72    | 0.958434               | 9.18     | 3.51  | 4 18                           | 10 6                           | 15 54                           |
| 10  |      | +0.2         | 23 38 42.433  | -04 50 45.92    | 0.972937               | 9.04     | 3.46  | 4 18                           | 10 7                           | 15 56                           |
| 11  |      | +0.2         | 23 43 26.157  | -04 24 42.05    | 0.987391               | 8.91     | 3.41  | 4 17                           | 10 8                           | 15 58                           |
| 12  |      | +0.1         | 23 48 16.347  | -03 57 16.52    | 1.001787               | 8.78     | 3.36  | 4 17                           | 10 9                           | 16 1                            |
| 13  |      | +0.1         | 23 53 12.790  | -03 28 31.63    | 1.016119               | 8.65     | 3.31  | 4 17                           | 10 10                          | 16 3                            |
| 14  |      | +0.1         | 23 58 15.308  | -02 58 29.63    | 1.030379               | 8.53     | 3.26  | 4 16                           | 10 11                          | 16 6                            |
| 15  |      | +0.0         | 00 03 23.760  | -02 27 12.68    | 1.044560               | 8.42     | 3.22  | 4 16                           | 10 12                          | 16 8                            |
| 16  |      | +0.0         | 00 08 38.039  | -01 54 42.90    | 1.058653               | 8.31     | 3.18  | 4 16                           | 10 13                          | 16 11                           |
| 17  |      | -0.0         | 00 13 58.071  | -01 21 02.37    | 1.072650               | 8.20     | 3.14  | 4 15                           | 10 15                          | 16 14                           |
| 18  |      | -0.1         | 00 19 23.814  | -00 46 13.11    | 1.086542               | 8.09     | 3.10  | 4 15                           | 10 16                          | 16 18                           |
| 19  |      | -0.1         | 00 24 55.256  | -00 10 17.16    | 1.100318               | 7.99     | 3.06  | 4 15                           | 10 18                          | 16 21                           |
| 20  |      | -0.1         | 00 30 32.411  | +00 26 43.46    | 1.113967               | 7.89     | 3.02  | 4 15                           | 10 19                          | 16 24                           |
| 21  |      | -0.2         | 00 36 15.322  | +01 04 46.70    | 1.127474               | 7.80     | 2.98  | 4 15                           | 10 21                          | 16 28                           |
| 22  |      | -0.2         | 00 42 04.059  | +01 43 50.50    | 1.140826               | 7.71     | 2.95  | 4 15                           | 10 23                          | 16 32                           |
| 23  |      | -0.3         | 00 47 58.719  | +02 23 52.70    | 1.154005               | 7.62     | 2.91  | 4 15                           | 10 25                          | 16 36                           |
| 24  |      | -0.3         | 00 53 59.424  | +03 04 51.13    | 1.166991               | 7.54     | 2.88  | 4 15                           | 10 27                          | 16 40                           |
| 25  |      | -0.4         | 01 00 06.322  | +03 46 43.46    | 1.179762               | 7.45     | 2.85  | 4 15                           | 10 29                          | 16 44                           |
| 26  |      | -0.5         | 01 06 19.584  | +04 29 27.28    | 1.192294               | 7.38     | 2.82  | 4 15                           | 10 31                          | 16 49                           |
| 27  |      | -0.5         | 01 12 39.404  | +05 12 59.99    | 1.204557               | 7.30     | 2.79  | 4 16                           | 10 34                          | 16 53                           |
| 28  |      | -0.6         | 01 19 05.993  | +05 57 18.78    | 1.216519               | 7.23     | 2.76  | 4 16                           | 10 36                          | 16 58                           |
| 29  |      | -0.7         | 01 25 39.578  | +06 42 20.61    | 1.228145               | 7.16     | 2.74  | 4 16                           | 10 39                          | 17 3                            |
| 30  |      | -0.7         | 01 32 20.400  | +07 28 02.14    | 1.239394               | 7.10     | 2.71  | 4 17                           | 10 42                          | 17 8                            |
| 5 1 |      | 外合           | -0.8  | 01 39 08.707    | +08 14 19.67           | 1.250220 | 7.03  | 2.69                           | 4 18                           | 10 45                           |
| 2   | -0.9 |              | 01 46 04.751  | +09 01 09.11    | 1.260575               | 6.98     | 2.67  | 4 18                           | 10 48                          | 17 18                           |
| 3   | -1.0 |              | 01 53 08.779  | +09 48 25.89    | 1.270402               | 6.92     | 2.65  | 4 19                           | 10 51                          | 17 24                           |
| 4   | -1.1 |              | 02 00 21.029  | +10 36 04.93    | 1.279643               | 6.87     | 2.63  | 4 20                           | 10 54                          | 17 30                           |
| 5   | -1.1 |              | 02 07 41.720  | +11 24 00.53    | 1.288231               | 6.83     | 2.61  | 4 21                           | 10 57                          | 17 36                           |
| 6   | -1.2 |              | 02 15 11.043  | +12 12 06.36    | 1.296099               | 6.79     | 2.60  | 4 22                           | 11 1                           | 17 42                           |
| 7   | -1.3 |              | 02 22 49.144  | +13 00 15.37    | 1.303171               | 6.75     | 2.58  | 4 23                           | 11 5                           | 17 48                           |
| 8   | -1.4 |              | 02 30 36.119  | +13 48 19.74    | 1.309370               | 6.72     | 2.57  | 4 24                           | 11 9                           | 17 54                           |
| 9   | -1.6 |              | 02 38 31.991  | +14 36 10.85    | 1.314617               | 6.69     | 2.56  | 4 26                           | 11 13                          | 18 1                            |
| 10  | -1.7 |              | 02 46 36.700  | +15 23 39.29    | 1.318830               | 6.67     | 2.55  | 4 27                           | 11 17                          | 18 8                            |
| 11  | -1.8 |              | 02 54 50.085  | +16 10 34.86    | 1.321930               | 6.65     | 2.54  | 4 29                           | 11 21                          | 18 14                           |
| 12  | -2.0 |              | 03 03 11.867  | +16 56 46.60    | 1.323840               | 6.64     | 2.54  | 4 31                           | 11 26                          | 18 21                           |
| 13  | -2.2 |              | 03 11 41.637  | +17 42 02.96    | 1.324488               | 6.64     | 2.54  | 4 33                           | 11 30                          | 18 29                           |
| 14  | -2.4 |              | 03 20 18.843  | +18 26 11.89    | 1.323812               | 6.64     | 2.54  | 4 35                           | 11 35                          | 18 36                           |
| 15  | -2.4 |              | 03 29 02.821  | +19 09 01.25    | 1.321761               | 6.65     | 2.54  | 4 38                           | 11 40                          | 18 43                           |
| 16  | -2.2 |              | 03 37 52.668  | +19 50 18.28    | 1.318296               | 6.67     | 2.55  | 4 40                           | 11 45                          | 18 50                           |
| 17  | -2.1 |              | 03 46 47.434  | +20 29 51.25    | 1.313397               | 6.70     | 2.56  | 4 43                           | 11 50                          | 18 57                           |
| 18  | -1.9 |              | 03 55 45.995  | +21 07 28.54    | 1.307060               | 6.73     | 2.57  | 4 46                           | 11 55                          | 19 5                            |

西方：西方最大離角，東方：東方最大離角



水 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                      |                                 |                                |
|------|----|--------------|---|-----------------|------------------------|-------|-------|--------------------------------|---------------------------------|--------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                              | 南中                              | 入                              |
| 5 18 |    | -1.9         | 03 <sup>h</sup> 55 <sup>m</sup> 45.995 <sup>s</sup> | +21° 07' 28.54" | 1.307060 <sup>au</sup> | 6.73" | 2.57" | 4 <sup>h</sup> 46 <sup>m</sup> | 11 <sup>h</sup> 55 <sup>m</sup> | 19 <sup>h</sup> 5 <sup>m</sup> |
| 19   |    | -1.8         | 04 04 47.127  | +21 42 59.49    | 1.299301               | 6.77  | 2.59  | 4 49                           | 12 0                            | 19 12                          |
| 20   |    | -1.7         | 04 13 49.523  | +22 16 14.53    | 1.290154               | 6.82  | 2.61  | 4 52                           | 12 5                            | 19 19                          |
| 21   |    | -1.6         | 04 22 51.826  | +22 47 05.53    | 1.279672               | 6.87  | 2.63  | 4 55                           | 12 10                           | 19 26                          |
| 22   |    | -1.5         | 04 31 52.661  | +23 15 25.85    | 1.267924               | 6.94  | 2.65  | 4 59                           | 12 15                           | 19 32                          |
| 23   |    | -1.4         | 04 40 50.666  | +23 41 10.57    | 1.254993               | 7.01  | 2.68  | 5 2                            | 12 20                           | 19 39                          |
| 24   |    | -1.3         | 04 49 44.521  | +24 04 16.43    | 1.240971               | 7.09  | 2.71  | 5 6                            | 12 25                           | 19 45                          |
| 25   |    | -1.2         | 04 58 32.967  | +24 24 41.85    | 1.225960               | 7.17  | 2.74  | 5 9                            | 12 30                           | 19 51                          |
| 26   |    | -1.1         | 05 07 14.829  | +24 42 26.83    | 1.210065               | 7.27  | 2.78  | 5 13                           | 12 35                           | 19 57                          |
| 27   |    | -1.0         | 05 15 49.021  | +24 57 32.77    | 1.193392               | 7.37  | 2.82  | 5 17                           | 12 39                           | 20 2                           |
| 28   |    | -0.9         | 05 24 14.561  | +25 10 02.36    | 1.176047               | 7.48  | 2.86  | 5 20                           | 12 44                           | 20 8                           |
| 29   |    | -0.8         | 05 32 30.564  | +25 19 59.34    | 1.158132               | 7.59  | 2.90  | 5 24                           | 12 48                           | 20 12                          |
| 30   |    | -0.7         | 05 40 36.248  | +25 27 28.37    | 1.139745               | 7.72  | 2.95  | 5 28                           | 12 52                           | 20 17                          |
| 31   |    | -0.6         | 05 48 30.920  | +25 32 34.78    | 1.120977               | 7.85  | 3.00  | 5 31                           | 12 56                           | 20 21                          |
| 6 1  |    | -0.5         | 05 56 13.975  | +25 35 24.51    | 1.101914               | 7.98  | 3.05  | 5 35                           | 13 0                            | 20 25                          |
| 2    |    | -0.5         | 06 03 44.885  | +25 36 03.86    | 1.082632               | 8.12  | 3.11  | 5 39                           | 13 3                            | 20 28                          |
| 3    |    | -0.4         | 06 11 03.189  | +25 34 39.44    | 1.063204               | 8.27  | 3.16  | 5 42                           | 13 7                            | 20 31                          |
| 4    |    | -0.3         | 06 18 08.483  | +25 31 18.05    | 1.043693               | 8.43  | 3.22  | 5 45                           | 13 10                           | 20 34                          |
| 5    |    | -0.2         | 06 25 00.412  | +25 26 06.58    | 1.024157               | 8.59  | 3.28  | 5 49                           | 13 13                           | 20 37                          |
| 6    |    | -0.1         | 06 31 38.660  | +25 19 11.98    | 1.004647               | 8.75  | 3.35  | 5 52                           | 13 15                           | 20 39                          |
| 7    |    | -0.1         | 06 38 02.943  | +25 10 41.15    | 0.985209               | 8.93  | 3.41  | 5 55                           | 13 18                           | 20 40                          |
| 8    |    | +0.0         | 06 44 12.999  | +25 00 41.00    | 0.965886               | 9.10  | 3.48  | 5 58                           | 13 20                           | 20 42                          |
| 9    |    | +0.1         | 06 50 08.583  | +24 49 18.33    | 0.946712               | 9.29  | 3.55  | 6 0                            | 13 22                           | 20 43                          |
| 10   |    | +0.2         | 06 55 49.459  | +24 36 39.87    | 0.927721               | 9.48  | 3.63  | 6 3                            | 13 24                           | 20 44                          |
| 11   |    | +0.2         | 07 01 15.399  | +24 22 52.28    | 0.908944               | 9.68  | 3.70  | 6 5                            | 13 25                           | 20 44                          |
| 12   |    | +0.3         | 07 06 26.170  | +24 08 02.11    | 0.890406               | 9.88  | 3.78  | 6 8                            | 13 26                           | 20 44                          |
| 13   |    | +0.3         | 07 11 21.536  | +23 52 15.86    | 0.872132               | 10.08 | 3.86  | 6 10                           | 13 27                           | 20 44                          |
| 14   |    | +0.4         | 07 16 01.250  | +23 35 39.92    | 0.854145               | 10.30 | 3.94  | 6 11                           | 13 28                           | 20 44                          |
| 15   |    | +0.5         | 07 20 25.051  | +23 18 20.66    | 0.836467               | 10.51 | 4.02  | 6 13                           | 13 28                           | 20 43                          |
| 16   | 東方 | +0.5         | 07 24 32.667  | +23 00 24.35    | 0.819118               | 10.74 | 4.11  | 6 14                           | 13 28                           | 20 42                          |
| 17   |    | +0.6         | 07 28 23.808  | +22 41 57.23    | 0.802119               | 10.96 | 4.19  | 6 15                           | 13 28                           | 20 41                          |
| 18   |    | +0.7         | 07 31 58.176  | +22 23 05.49    | 0.785490               | 11.20 | 4.28  | 6 16                           | 13 28                           | 20 39                          |
| 19   |    | +0.7         | 07 35 15.464  | +22 03 55.29    | 0.769252               | 11.43 | 4.37  | 6 16                           | 13 27                           | 20 37                          |
| 20   |    | +0.8         | 07 38 15.357  | +21 44 32.77    | 0.753426               | 11.67 | 4.46  | 6 17                           | 13 26                           | 20 35                          |
| 21   |    | +0.9         | 07 40 57.540  | +21 25 04.05    | 0.738034               | 11.92 | 4.56  | 6 17                           | 13 25                           | 20 33                          |
| 22   |    | +1.0         | 07 43 21.701  | +21 05 35.27    | 0.723099               | 12.16 | 4.65  | 6 16                           | 13 23                           | 20 30                          |
| 23   |    | +1.1         | 07 45 27.533  | +20 46 12.56    | 0.708645               | 12.41 | 4.75  | 6 16                           | 13 21                           | 20 27                          |
| 24   |    | +1.2         | 07 47 14.749  | +20 27 02.04    | 0.694699               | 12.66 | 4.84  | 6 15                           | 13 19                           | 20 23                          |
| 25   |    | +1.3         | 07 48 43.088  | +20 08 09.85    | 0.681288               | 12.91 | 4.94  | 6 13                           | 13 17                           | 20 20                          |
| 26   |    | +1.4         | 07 49 52.330  | +19 49 42.09    | 0.668441               | 13.16 | 5.03  | 6 11                           | 13 14                           | 20 16                          |
| 27   |    | +1.5         | 07 50 42.307  | +19 31 44.85    | 0.656191               | 13.40 | 5.13  | 6 9                            | 13 11                           | 20 11                          |
| 28   |    | +1.7         | 07 51 12.923  | +19 14 24.14    | 0.644569               | 13.64 | 5.22  | 6 7                            | 13 7                            | 20 7                           |
| 29   | 留  | +1.8         | 07 51 24.176  | +18 57 45.89    | 0.633613               | 13.88 | 5.31  | 6 4                            | 13 3                            | 20 2                           |
| 30   |    | +2.0         | 07 51 16.172  | +18 41 55.91    | 0.623360               | 14.11 | 5.40  | 6 1                            | 12 59                           | 19 57                          |
| 7 1  |    | +2.2         | 07 50 49.154  | +18 26 59.83    | 0.613849               | 14.33 | 5.48  | 5 58                           | 12 55                           | 19 52                          |
| 2    |    | +2.4         | 07 50 03.522  | +18 13 03.06    | 0.605121               | 14.53 | 5.56  | 5 54                           | 12 50                           | 19 46                          |
| 3    |    | +2.7         | 07 48 59.858  | +18 00 10.71    | 0.597220               | 14.73 | 5.63  | 5 49                           | 12 45                           | 19 40                          |

西方：西方最大離角，東方：東方最大離角

水 星 令和 8 年 2026

| 月 日 | 状況  | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>     |        |       | 東京, 中央標準時                      |                                 |                                 |
|-----|-----|-------------------|---|-----------------|------------------------|--------|-------|--------------------------------|---------------------------------|---------------------------------|
|     |     | 等級                | 視赤経   | 視赤緯             | 距離                     | 視差     | 視半径   | 出                              | 南中                              | 入                               |
| 7 月 | 3 日 | +2.7 <sup>等</sup> | 07 <sup>h</sup> 48 <sup>m</sup> 59.858 <sup>s</sup> | +18° 00' 10.71" | 0.597220 <sup>au</sup> | 14.73" | 5.63" | 5 <sup>h</sup> 49 <sup>m</sup> | 12 <sup>h</sup> 45 <sup>m</sup> | 19 <sup>h</sup> 40 <sup>m</sup> |
|     | 4   | +3.0              | 07 47 38.946  | +17 48 27.54    | 0.590188               | 14.90  | 5.70  | 5 45                           | 12 40                           | 19 34                           |
|     | 5   | +3.2              | 07 46 01.794  | +17 37 57.88    | 0.584070               | 15.06  | 5.76  | 5 40                           | 12 34                           | 19 28                           |
|     | 6   | +3.6              | 07 44 09.645  | +17 28 45.53    | 0.578910               | 15.19  | 5.81  | 5 35                           | 12 28                           | 19 22                           |
|     | 7   | +3.9              | 07 42 03.989  | +17 20 53.77    | 0.574753               | 15.30  | 5.85  | 5 29                           | 12 22                           | 19 15                           |
|     | 8   | +4.3              | 07 39 46.558  | +17 14 25.18    | 0.571640               | 15.38  | 5.88  | 5 23                           | 12 16                           | 19 9                            |
|     | 9   | +4.6              | 07 37 19.326  | +17 09 21.68    | 0.569611               | 15.44  | 5.90  | 5 17                           | 12 10                           | 19 2                            |
|     | 10  | +5.0              | 07 34 44.482  | +17 05 44.42    | 0.568704               | 15.46  | 5.91  | 5 11                           | 12 3                            | 18 55                           |
|     | 11  | +5.3              | 07 32 04.408  | +17 03 33.75    | 0.568954               | 15.46  | 5.91  | 5 5                            | 11 57                           | 18 49                           |
|     | 12  | +5.5              | 07 29 21.637  | +17 02 49.25    | 0.570390               | 15.42  | 5.90  | 4 58                           | 11 50                           | 18 42                           |
|     | 13  | +5.6              | 07 26 38.811  | +17 03 29.63    | 0.573037               | 15.35  | 5.87  | 4 51                           | 11 43                           | 18 35                           |
|     | 14  | +5.4              | 07 23 58.629  | +17 05 32.81    | 0.576915               | 15.24  | 5.83  | 4 45                           | 11 37                           | 18 29                           |
|     | 15  | +5.2              | 07 21 23.802  | +17 08 55.88    | 0.582039               | 15.11  | 5.78  | 4 38                           | 11 30                           | 18 23                           |
|     | 16  | +4.8              | 07 18 56.992  | +17 13 35.17    | 0.588419               | 14.95  | 5.72  | 4 31                           | 11 24                           | 18 17                           |
|     | 17  | +4.4              | 07 16 40.771  | +17 19 26.27    | 0.596057               | 14.75  | 5.64  | 4 25                           | 11 18                           | 18 11                           |
|     | 18  | +4.0              | 07 14 37.576  | +17 26 24.11    | 0.604951               | 14.54  | 5.56  | 4 18                           | 11 12                           | 18 6                            |
|     | 19  | +3.6              | 07 12 49.667  | +17 34 22.97    | 0.615095               | 14.30  | 5.47  | 4 12                           | 11 6                            | 18 0                            |
|     | 20  | +3.2              | 07 11 19.101  | +17 43 16.59    | 0.626474               | 14.04  | 5.37  | 4 6                            | 11 1                            | 17 56                           |
|     | 21  | +2.9              | 07 10 07.711  | +17 52 58.19    | 0.639072               | 13.76  | 5.26  | 4 1                            | 10 56                           | 17 51                           |
|     | 22  | +2.5              | 07 09 17.099  | +18 03 20.51    | 0.652864               | 13.47  | 5.15  | 3 55                           | 10 51                           | 17 47                           |
|     | 23  | +2.2              | 07 08 48.628  | +18 14 15.85    | 0.667825               | 13.17  | 5.04  | 3 50                           | 10 47                           | 17 43                           |
|     | 24  | +1.9              | 07 08 43.435  | +18 25 36.13    | 0.683922               | 12.86  | 4.92  | 3 45                           | 10 43                           | 17 40                           |
|     | 25  | +1.6              | 07 09 02.437  | +18 37 12.90    | 0.701121               | 12.54  | 4.80  | 3 41                           | 10 39                           | 17 37                           |
|     | 26  | +1.4              | 07 09 46.349  | +18 48 57.32    | 0.719381               | 12.22  | 4.68  | 3 37                           | 10 36                           | 17 35                           |
|     | 27  | +1.2              | 07 10 55.698  | +19 00 40.23    | 0.738659               | 11.91  | 4.55  | 3 34                           | 10 33                           | 17 33                           |
|     | 28  | +1.0              | 07 12 30.842  | +19 12 12.16    | 0.758906               | 11.59  | 4.43  | 3 30                           | 10 31                           | 17 31                           |
|     | 29  | +0.8              | 07 14 31.985  | +19 23 23.27    | 0.780068               | 11.27  | 4.31  | 3 28                           | 10 29                           | 17 30                           |
|     | 30  | +0.6              | 07 16 59.192  | +19 34 03.45    | 0.802086               | 10.96  | 4.19  | 3 26                           | 10 27                           | 17 29                           |
|     | 31  | +0.5              | 07 19 52.395  | +19 44 02.28    | 0.824896               | 10.66  | 4.08  | 3 24                           | 10 26                           | 17 29                           |
| 8 月 | 1   | +0.3              | 07 23 11.406  | +19 53 09.09    | 0.848425               | 10.37  | 3.96  | 3 23                           | 10 26                           | 17 29                           |
|     | 2   | +0.2              | 07 26 55.917  | +20 01 12.96    | 0.872593               | 10.08  | 3.85  | 3 22                           | 10 26                           | 17 30                           |
|     | 3   | +0.1              | 07 31 05.500  | +20 08 02.84    | 0.897313               | 9.80   | 3.75  | 3 22                           | 10 26                           | 17 30                           |
|     | 4   | -0.1              | 07 35 39.602  | +20 13 27.60    | 0.922488               | 9.53   | 3.65  | 3 22                           | 10 26                           | 17 31                           |
|     | 5   | -0.2              | 07 40 37.541  | +20 17 16.15    | 0.948013               | 9.28   | 3.55  | 3 22                           | 10 27                           | 17 33                           |
|     | 6   | -0.3              | 07 45 58.493  | +20 19 17.58    | 0.973772               | 9.03   | 3.45  | 3 24                           | 10 29                           | 17 34                           |
|     | 7   | -0.4              | 07 51 41.486  | +20 19 21.36    | 0.999642               | 8.80   | 3.36  | 3 25                           | 10 31                           | 17 36                           |
|     | 8   | -0.5              | 07 57 45.390  | +20 17 17.53    | 1.025490               | 8.58   | 3.28  | 3 27                           | 10 33                           | 17 38                           |
|     | 9   | -0.6              | 08 04 08.915  | +20 12 56.96    | 1.051177               | 8.37   | 3.20  | 3 30                           | 10 35                           | 17 40                           |
|     | 10  | -0.7              | 08 10 50.608  | +20 06 11.54    | 1.076561               | 8.17   | 3.12  | 3 33                           | 10 38                           | 17 43                           |
|     | 11  | -0.9              | 08 17 48.865  | +19 56 54.52    | 1.101494               | 7.98   | 3.05  | 3 37                           | 10 41                           | 17 45                           |
|     | 12  | -1.0              | 08 25 01.943  | +19 45 00.66    | 1.125834               | 7.81   | 2.99  | 3 40                           | 10 44                           | 17 48                           |
|     | 13  | -1.1              | 08 32 27.985  | +19 30 26.50    | 1.149440               | 7.65   | 2.93  | 3 45                           | 10 48                           | 17 51                           |
|     | 14  | -1.1              | 08 40 05.056  | +19 13 10.46    | 1.172181               | 7.50   | 2.87  | 3 49                           | 10 52                           | 17 53                           |
|     | 15  | -1.2              | 08 47 51.174  | +18 53 12.95    | 1.193937               | 7.37   | 2.82  | 3 54                           | 10 56                           | 17 56                           |
|     | 16  | -1.3              | 08 55 44.358  | +18 30 36.32    | 1.214603               | 7.24   | 2.77  | 3 59                           | 10 59                           | 17 59                           |
|     | 17  | -1.4              | 09 03 42.667  | +18 05 24.83    | 1.234093               | 7.13   | 2.73  | 4 5                            | 11 4                            | 18 1                            |
|     | 18  | -1.4              | 09 11 44.244  | +17 37 44.40    | 1.252337               | 7.02   | 2.69  | 4 10                           | 11 8                            | 18 4                            |

西方：西方最大離角，東方：東方最大離角

水 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                      |                                |                                |
|------|----|-------------------|---|-----------------|------------------------|-------|-------|--------------------------------|--------------------------------|--------------------------------|
|      |    | 等級                | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                              | 南中                             | 入                              |
| 8 18 |    | -1.4 <sup>等</sup> | 09 <sup>h</sup> 11 <sup>m</sup> 44.244 <sup>s</sup> | +17° 37' 44.40" | 1.252337 <sup>au</sup> | 7.02" | 2.69" | 4 <sup>h</sup> 10 <sup>m</sup> | 11 <sup>h</sup> 8 <sup>m</sup> | 18 <sup>h</sup> 4 <sup>m</sup> |
| 19   |    | -1.5              | 09 19 47.349  | +17 07 42.43    | 1.269287               | 6.93  | 2.65  | 4 16                           | 11 12                          | 18 6                           |
| 20   |    | -1.5              | 09 27 50.392  | +16 35 27.49    | 1.284913               | 6.84  | 2.62  | 4 22                           | 11 16                          | 18 9                           |
| 21   |    | -1.6              | 09 35 51.954  | +16 01 09.02    | 1.299204               | 6.77  | 2.59  | 4 28                           | 11 20                          | 18 11                          |
| 22   |    | -1.7              | 09 43 50.796  | +15 24 57.04    | 1.312165               | 6.70  | 2.56  | 4 34                           | 11 24                          | 18 13                          |
| 23   |    | -1.7              | 09 51 45.867  | +14 47 01.84    | 1.323815               | 6.64  | 2.54  | 4 40                           | 11 28                          | 18 15                          |
| 24   |    | -1.8              | 09 59 36.297  | +14 07 33.77    | 1.334184               | 6.59  | 2.52  | 4 46                           | 11 32                          | 18 17                          |
| 25   |    | -1.8              | 10 07 21.392  | +13 26 43.00    | 1.343313               | 6.55  | 2.50  | 4 52                           | 11 36                          | 18 18                          |
| 26   |    | -1.9              | 10 15 00.614  | +12 44 39.39    | 1.351248               | 6.51  | 2.49  | 4 58                           | 11 39                          | 18 20                          |
| 27   |    | -1.9              | 10 22 33.572  | +12 01 32.32    | 1.358041               | 6.48  | 2.48  | 5 4                            | 11 43                          | 18 21                          |
| 28   | 外合 | -1.9              | 10 29 59.999  | +11 17 30.60    | 1.363746               | 6.45  | 2.47  | 5 9                            | 11 47                          | 18 22                          |
| 29   |    | -1.8              | 10 37 19.734  | +10 32 42.51    | 1.368418               | 6.43  | 2.46  | 5 15                           | 11 50                          | 18 24                          |
| 30   |    | -1.7              | 10 44 32.711  | +09 47 15.75    | 1.372112               | 6.41  | 2.45  | 5 21                           | 11 53                          | 18 25                          |
| 31   |    | -1.6              | 10 51 38.942  | +09 01 17.35    | 1.374883               | 6.40  | 2.45  | 5 26                           | 11 56                          | 18 25                          |
| 9 1  |    | -1.5              | 10 58 38.499  | +08 14 53.79    | 1.376782               | 6.39  | 2.44  | 5 31                           | 11 59                          | 18 26                          |
| 2    |    | -1.4              | 11 05 31.500  | +07 28 10.96    | 1.377859               | 6.38  | 2.44  | 5 37                           | 12 2                           | 18 27                          |
| 3    |    | -1.3              | 11 12 18.102  | +06 41 14.26    | 1.378160               | 6.38  | 2.44  | 5 42                           | 12 5                           | 18 27                          |
| 4    |    | -1.2              | 11 18 58.489  | +05 54 08.59    | 1.377729               | 6.38  | 2.44  | 5 47                           | 12 8                           | 18 28                          |
| 5    |    | -1.1              | 11 25 32.864  | +05 06 58.42    | 1.376606               | 6.39  | 2.44  | 5 52                           | 12 10                          | 18 28                          |
| 6    |    | -1.0              | 11 32 01.443  | +04 19 47.81    | 1.374827               | 6.40  | 2.45  | 5 57                           | 12 13                          | 18 28                          |
| 7    |    | -0.9              | 11 38 24.448  | +03 32 40.47    | 1.372428               | 6.41  | 2.45  | 6 1                            | 12 15                          | 18 28                          |
| 8    |    | -0.9              | 11 44 42.107  | +02 45 39.77    | 1.369438               | 6.42  | 2.46  | 6 6                            | 12 18                          | 18 28                          |
| 9    |    | -0.8              | 11 50 54.647  | +01 58 48.81    | 1.365886               | 6.44  | 2.46  | 6 11                           | 12 20                          | 18 28                          |
| 10   |    | -0.7              | 11 57 02.293  | +01 12 10.41    | 1.361797               | 6.46  | 2.47  | 6 15                           | 12 22                          | 18 28                          |
| 11   |    | -0.7              | 12 03 05.268  | +00 25 47.15    | 1.357193               | 6.48  | 2.48  | 6 19                           | 12 24                          | 18 28                          |
| 12   |    | -0.6              | 12 09 03.785  | -00 20 18.56    | 1.352096               | 6.50  | 2.49  | 6 24                           | 12 26                          | 18 28                          |
| 13   |    | -0.6              | 12 14 58.051  | -01 06 04.53    | 1.346522               | 6.53  | 2.50  | 6 28                           | 12 28                          | 18 28                          |
| 14   |    | -0.5              | 12 20 48.262  | -01 51 28.70    | 1.340488               | 6.56  | 2.51  | 6 32                           | 12 30                          | 18 27                          |
| 15   |    | -0.5              | 12 26 34.603  | -02 36 29.13    | 1.334009               | 6.59  | 2.52  | 6 36                           | 12 32                          | 18 27                          |
| 16   |    | -0.5              | 12 32 17.245  | -03 21 04.01    | 1.327095               | 6.63  | 2.53  | 6 40                           | 12 34                          | 18 27                          |
| 17   |    | -0.4              | 12 37 56.349  | -04 05 11.61    | 1.319759               | 6.66  | 2.55  | 6 44                           | 12 35                          | 18 26                          |
| 18   |    | -0.4              | 12 43 32.060  | -04 48 50.28    | 1.312009               | 6.70  | 2.56  | 6 47                           | 12 37                          | 18 26                          |
| 19   |    | -0.4              | 12 49 04.508  | -05 31 58.43    | 1.303854               | 6.74  | 2.58  | 6 51                           | 12 39                          | 18 25                          |
| 20   |    | -0.3              | 12 54 33.809  | -06 14 34.52    | 1.295298               | 6.79  | 2.60  | 6 55                           | 12 40                          | 18 25                          |
| 21   |    | -0.3              | 13 00 00.062  | -06 56 37.04    | 1.286348               | 6.84  | 2.61  | 6 58                           | 12 42                          | 18 24                          |
| 22   |    | -0.3              | 13 05 23.352  | -07 38 04.51    | 1.277009               | 6.89  | 2.63  | 7 2                            | 12 43                          | 18 24                          |
| 23   |    | -0.2              | 13 10 43.743  | -08 18 55.44    | 1.267283               | 6.94  | 2.65  | 7 5                            | 12 45                          | 18 23                          |
| 24   |    | -0.2              | 13 16 01.283  | -08 59 08.35    | 1.257172               | 7.00  | 2.68  | 7 9                            | 12 46                          | 18 22                          |
| 25   |    | -0.2              | 13 21 15.998  | -09 38 41.77    | 1.246680               | 7.05  | 2.70  | 7 12                           | 12 47                          | 18 22                          |
| 26   |    | -0.2              | 13 26 27.896  | -10 17 34.17    | 1.235805               | 7.12  | 2.72  | 7 15                           | 12 48                          | 18 21                          |
| 27   |    | -0.2              | 13 31 36.961  | -10 55 44.02    | 1.224550               | 7.18  | 2.75  | 7 18                           | 12 50                          | 18 20                          |
| 28   |    | -0.1              | 13 36 43.152  | -11 33 09.72    | 1.212915               | 7.25  | 2.77  | 7 21                           | 12 51                          | 18 20                          |
| 29   |    | -0.1              | 13 41 46.403  | -12 09 49.64    | 1.200897               | 7.32  | 2.80  | 7 24                           | 12 52                          | 18 19                          |
| 30   |    | -0.1              | 13 46 46.614  | -12 45 42.04    | 1.188498               | 7.40  | 2.83  | 7 27                           | 12 53                          | 18 18                          |
| 10 1 |    | -0.1              | 13 51 43.654  | -13 20 45.13    | 1.175716               | 7.48  | 2.86  | 7 30                           | 12 54                          | 18 17                          |
| 2    |    | -0.1              | 13 56 37.355  | -13 54 56.96    | 1.162550               | 7.56  | 2.89  | 7 33                           | 12 55                          | 18 16                          |
| 3    |    | -0.1              | 14 01 27.506  | -14 28 15.49    | 1.148999               | 7.65  | 2.93  | 7 35                           | 12 56                          | 18 16                          |

西方：西方最大離角，東方：東方最大離角

水 星 令和 8 年 2026

| 月 日  | 状況   | 真春分点にもとづく座標系 |   |                             | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                      |                                 |                                 |
|------|------|--------------|---|-----------------------------|------------------------|-------|-------|--------------------------------|---------------------------------|---------------------------------|
|      |      | 等級           | 視赤経   | 視赤緯                         | 距離                     | 視差    | 視半径   | 出                              | 南中                              | 入                               |
| 10 3 | 東方   | -0.1         | 14 <sup>h</sup> 01 <sup>m</sup> 27.506 <sup>s</sup> | -14 <sup>°</sup> 28' 15.49" | 1.148999 <sup>au</sup> | 7.65" | 2.93" | 7 <sup>h</sup> 35 <sup>m</sup> | 12 <sup>h</sup> 56 <sup>m</sup> | 18 <sup>h</sup> 16 <sup>m</sup> |
| 4    |      | -0.1         | 14 06 13.852  | -15 00 38.52                | 1.135062               | 7.75  | 2.96  | 7 38                           | 12 57                           | 18 15                           |
| 5    |      | -0.1         | 14 10 56.091  | -15 32 03.69                | 1.120739               | 7.85  | 3.00  | 7 40                           | 12 57                           | 18 14                           |
| 6    |      | -0.0         | 14 15 33.865  | -16 02 28.44                | 1.106031               | 7.95  | 3.04  | 7 42                           | 12 58                           | 18 13                           |
| 7    |      | -0.0         | 14 20 06.758  | -16 31 50.05                | 1.090939               | 8.06  | 3.08  | 7 45                           | 12 59                           | 18 12                           |
| 8    |      | -0.0         | 14 24 34.288  | -17 00 05.51                | 1.075465               | 8.18  | 3.13  | 7 47                           | 12 59                           | 18 11                           |
| 9    |      | -0.0         | 14 28 55.898  | -17 27 11.62                | 1.059614               | 8.30  | 3.17  | 7 48                           | 13 0                            | 18 10                           |
| 10   |      | -0.0         | 14 33 10.951  | -17 53 04.82                | 1.043391               | 8.43  | 3.22  | 7 50                           | 13 0                            | 18 9                            |
| 11   |      | +0.0         | 14 37 18.720  | -18 17 41.26                | 1.026804               | 8.56  | 3.28  | 7 52                           | 13 0                            | 18 8                            |
| 12   |      | +0.0         | 14 41 18.376  | -18 40 56.68                | 1.009866               | 8.71  | 3.33  | 7 53                           | 13 0                            | 18 6                            |
| 13   |      | +0.0         | 14 45 08.981  | -19 02 46.39                | 0.992591               | 8.86  | 3.39  | 7 54                           | 13 0                            | 18 5                            |
| 14   |      | +0.0         | 14 48 49.476  | -19 23 05.20                | 0.974997               | 9.02  | 3.45  | 7 55                           | 13 0                            | 18 4                            |
| 15   |      | +0.1         | 14 52 18.674  | -19 41 47.35                | 0.957109               | 9.19  | 3.51  | 7 56                           | 12 59                           | 18 2                            |
| 16   |      | +0.1         | 14 55 35.245  | -19 58 46.40                | 0.938955               | 9.37  | 3.58  | 7 56                           | 12 58                           | 18 1                            |
| 17   |      | +0.1         | 14 58 37.715  | -20 13 55.22                | 0.920573               | 9.55  | 3.65  | 7 56                           | 12 57                           | 17 59                           |
| 18   |      | +0.1         | 15 01 24.452  | -20 27 05.83                | 0.902008               | 9.75  | 3.73  | 7 55                           | 12 56                           | 17 57                           |
| 19   |      | +0.2         | 15 03 53.669  | -20 38 09.34                | 0.883314               | 9.96  | 3.81  | 7 55                           | 12 55                           | 17 55                           |
| 20   |      | +0.2         | 15 06 03.426  | -20 46 55.83                | 0.864557               | 10.17 | 3.89  | 7 53                           | 12 53                           | 17 52                           |
| 21   |      | +0.2         | 15 07 51.643  | -20 53 14.34                | 0.845815               | 10.40 | 3.98  | 7 52                           | 12 51                           | 17 50                           |
| 22   |      | +0.3         | 15 09 16.122  | -20 56 52.76                | 0.827183               | 10.63 | 4.07  | 7 49                           | 12 48                           | 17 47                           |
| 23   |      | +0.4         | 15 10 14.593  | -20 57 37.89                | 0.808771               | 10.87 | 4.16  | 7 46                           | 12 45                           | 17 44                           |
| 24   |      | +0.5         | 15 10 44.776  | -20 55 15.58                | 0.790710               | 11.12 | 4.25  | 7 43                           | 12 42                           | 17 40                           |
| 25   | +0.6 | 15 10 44.473 | -20 49 30.96  | 0.773150                    | 11.37                  | 4.35  | 7 39  | 12 38                          | 17 37                           |                                 |
| 26   | +0.8 | 15 10 11.696 | -20 40 08.96  | 0.756264                    | 11.63                  | 4.45  | 7 34  | 12 33                          | 17 33                           |                                 |
| 27   | +1.0 | 15 09 04.823 | -20 26 55.10  | 0.740251                    | 11.88                  | 4.54  | 7 28  | 12 28                          | 17 28                           |                                 |
| 28   | +1.2 | 15 07 22.807 | -20 09 36.59  | 0.725329                    | 12.12                  | 4.64  | 7 21  | 12 22                          | 17 23                           |                                 |
| 29   | +1.6 | 15 05 05.398 | -19 48 03.96  | 0.711741                    | 12.36                  | 4.73  | 7 14  | 12 16                          | 17 18                           |                                 |
| 30   | +2.0 | 15 02 13.401 | -19 22 13.05  | 0.699744                    | 12.57                  | 4.81  | 7 6   | 12 9                           | 17 13                           |                                 |
| 31   | +2.6 | 14 58 48.904 | -18 52 07.33  | 0.689609                    | 12.75                  | 4.88  | 6 57  | 12 2                           | 17 7                            |                                 |
| 11 1 | +3.3 | 14 54 55.472 | -18 18 00.41  | 0.681606                    | 12.90                  | 4.93  | 6 47  | 11 54                          | 17 1                            |                                 |
| 2    | +4.1 | 14 50 38.235 | -17 40 18.13  | 0.675994                    | 13.01                  | 4.98  | 6 37  | 11 46                          | 16 55                           |                                 |
| 3    | +5.1 | 14 46 03.833 | -16 59 39.94  | 0.673006                    | 13.07                  | 5.00  | 6 27  | 11 37                          | 16 48                           |                                 |
| 4    | +6.2 | 14 41 20.188 | -16 16 58.79  | 0.672835                    | 13.07                  | 5.00  | 6 16  | 11 28                          | 16 42                           |                                 |
| 5    | +6.5 | 14 36 36.100 | -15 33 19.27  | 0.675614                    | 13.02                  | 4.98  | 6 5   | 11 20                          | 16 36                           |                                 |
| 6    | +5.3 | 14 32 00.708 | -14 49 53.88  | 0.681409                    | 12.91                  | 4.94  | 5 54  | 11 11                          | 16 29                           |                                 |
| 7    | +4.2 | 14 27 42.878 | -14 07 57.89  | 0.690207                    | 12.74                  | 4.87  | 5 44  | 11 3                           | 16 23                           |                                 |
| 8    | +3.2 | 14 23 50.626 | -13 28 43.58  | 0.701919                    | 12.53                  | 4.79  | 5 34  | 10 55                          | 16 18                           |                                 |
| 9    | +2.4 | 14 20 30.648 | -12 53 14.82  | 0.716379                    | 12.28                  | 4.70  | 5 25  | 10 48                          | 16 12                           |                                 |
| 10   | +1.8 | 14 17 48.019 | -12 22 23.03  | 0.733359                    | 11.99                  | 4.59  | 5 17  | 10 42                          | 16 7                            |                                 |
| 11   | +1.2 | 14 15 46.082 | -11 56 44.76  | 0.752583                    | 11.69                  | 4.47  | 5 9   | 10 36                          | 16 3                            |                                 |
| 12   | +0.8 | 14 14 26.515 | -11 36 41.26  | 0.773741                    | 11.37                  | 4.35  | 5 3   | 10 31                          | 15 59                           |                                 |
| 13   | +0.5 | 14 13 49.516 | -11 22 19.48  | 0.796504                    | 11.04                  | 4.22  | 4 57  | 10 26                          | 15 55                           |                                 |
| 14   | +0.3 | 14 13 54.078 | -11 13 34.21  | 0.820546                    | 10.72                  | 4.10  | 4 53  | 10 22                          | 15 52                           |                                 |
| 15   | +0.1 | 14 14 38.278 | -11 10 10.67  | 0.845547                    | 10.40                  | 3.98  | 4 49  | 10 19                          | 15 49                           |                                 |
| 16   | -0.1 | 14 15 59.572 | -11 11 47.20  | 0.871210                    | 10.09                  | 3.86  | 4 47  | 10 17                          | 15 46                           |                                 |
| 17   | -0.2 | 14 17 55.042 | -11 17 57.74  | 0.897263                    | 9.80                   | 3.75  | 4 45  | 10 15                          | 15 44                           |                                 |
| 18   | -0.3 | 14 20 21.606 | -11 28 13.92  | 0.923465                    | 9.52                   | 3.64  | 4 44  | 10 13                          | 15 42                           |                                 |

西方：西方最大離角，東方：東方最大離角

水 星 令和 8 年 2026

| 月 日   | 状況   | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                      |                                 |                                 |
|-------|------|--------------|---|-----------------|------------------------|-------|-------|--------------------------------|---------------------------------|---------------------------------|
|       |      | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                              | 南中                              | 入                               |
| 11 18 | 西方   | -0.3         | 14 <sup>h</sup> 20 <sup>m</sup> 21.606 <sup>s</sup> | -11° 28' 13.92" | 0.923465 <sup>au</sup> | 9.52" | 3.64" | 4 <sup>h</sup> 44 <sup>m</sup> | 10 <sup>h</sup> 13 <sup>m</sup> | 15 <sup>h</sup> 42 <sup>m</sup> |
| 19    |      | -0.4         | 14 23 16.178  | -11 42 06.64    | 0.949607               | 9.26  | 3.54  | 4 43                           | 10 12                           | 15 40                           |
| 20    |      | -0.4         | 14 26 35.778  | -11 59 07.34    | 0.975511               | 9.01  | 3.45  | 4 44                           | 10 12                           | 15 39                           |
| 21    |      | -0.5         | 14 30 17.611  | -12 18 48.76    | 1.001029               | 8.79  | 3.36  | 4 44                           | 10 11                           | 15 38                           |
| 22    |      | -0.5         | 14 34 19.108  | -12 40 45.45    | 1.026041               | 8.57  | 3.28  | 4 45                           | 10 11                           | 15 37                           |
| 23    |      | -0.6         | 14 38 37.948  | -13 04 34.10    | 1.050450               | 8.37  | 3.20  | 4 47                           | 10 12                           | 15 36                           |
| 24    |      | -0.6         | 14 43 12.058  | -13 29 53.56    | 1.074183               | 8.19  | 3.13  | 4 49                           | 10 12                           | 15 36                           |
| 25    |      | -0.6         | 14 47 59.610  | -13 56 24.88    | 1.097182               | 8.02  | 3.07  | 4 51                           | 10 13                           | 15 35                           |
| 26    |      | -0.6         | 14 52 58.998  | -14 23 51.14    | 1.119409               | 7.86  | 3.00  | 4 53                           | 10 14                           | 15 35                           |
| 27    |      | -0.7         | 14 58 08.827  | -14 51 57.35    | 1.140834               | 7.71  | 2.95  | 4 56                           | 10 16                           | 15 35                           |
| 28    |      | -0.7         | 15 03 27.887  | -15 20 30.29    | 1.161442               | 7.57  | 2.90  | 4 59                           | 10 17                           | 15 34                           |
| 29    |      | -0.7         | 15 08 55.137  | -15 49 18.26    | 1.181223               | 7.44  | 2.85  | 5 2                            | 10 18                           | 15 35                           |
| 30    |      | -0.7         | 15 14 29.681  | -16 18 11.02    | 1.200176               | 7.33  | 2.80  | 5 5                            | 10 20                           | 15 35                           |
| 12 1  |      | -0.7         | 15 20 10.756  | -16 46 59.54    | 1.218305               | 7.22  | 2.76  | 5 8                            | 10 22                           | 15 35                           |
| 2     |      | -0.7         | 15 25 57.708  | -17 15 35.89    | 1.235617               | 7.12  | 2.72  | 5 11                           | 10 24                           | 15 35                           |
| 3     |      | -0.7         | 15 31 49.979  | -17 43 53.08    | 1.252123               | 7.02  | 2.69  | 5 15                           | 10 26                           | 15 36                           |
| 4     |      | -0.7         | 15 37 47.093  | -18 11 44.97    | 1.267837               | 6.94  | 2.65  | 5 18                           | 10 28                           | 15 36                           |
| 5     |      | -0.7         | 15 43 48.646  | -18 39 06.12    | 1.282773               | 6.86  | 2.62  | 5 22                           | 10 30                           | 15 37                           |
| 6     |      | -0.7         | 15 49 54.290  | -19 05 51.69    | 1.296946               | 6.78  | 2.59  | 5 26                           | 10 32                           | 15 38                           |
| 7     |      | -0.7         | 15 56 03.731  | -19 31 57.38    | 1.310374               | 6.71  | 2.57  | 5 29                           | 10 34                           | 15 38                           |
| 8     |      | -0.7         | 16 02 16.714  | -19 57 19.36    | 1.323071               | 6.65  | 2.54  | 5 33                           | 10 36                           | 15 39                           |
| 9     | -0.7 | 16 08 33.020 | -20 21 54.15  | 1.335056        | 6.59                   | 2.52  | 5 37  | 10 39                          | 15 40                           |                                 |
| 10    | -0.7 | 16 14 52.464 | -20 45 38.64  | 1.346342        | 6.53                   | 2.50  | 5 40  | 10 41                          | 15 41                           |                                 |
| 11    | -0.7 | 16 21 14.880 | -21 08 29.98  | 1.356947        | 6.48                   | 2.48  | 5 44  | 10 44                          | 15 42                           |                                 |
| 12    | -0.7 | 16 27 40.127 | -21 30 25.58  | 1.366885        | 6.43                   | 2.46  | 5 48  | 10 46                          | 15 44                           |                                 |
| 13    | -0.7 | 16 34 08.081 | -21 51 23.05  | 1.376170        | 6.39                   | 2.44  | 5 52  | 10 49                          | 15 45                           |                                 |
| 14    | -0.7 | 16 40 38.630 | -22 11 20.18  | 1.384815        | 6.35                   | 2.43  | 5 55  | 10 51                          | 15 47                           |                                 |
| 15    | -0.7 | 16 47 11.676 | -22 30 14.92  | 1.392832        | 6.31                   | 2.41  | 5 59  | 10 54                          | 15 48                           |                                 |
| 16    | -0.7 | 16 53 47.127 | -22 48 05.35  | 1.400234        | 6.28                   | 2.40  | 6 3   | 10 56                          | 15 50                           |                                 |
| 17    | -0.8 | 17 00 24.902 | -23 04 49.67  | 1.407031        | 6.25                   | 2.39  | 6 6   | 10 59                          | 15 51                           |                                 |
| 18    | -0.8 | 17 07 04.920 | -23 20 26.18  | 1.413232        | 6.22                   | 2.38  | 6 10  | 11 2                           | 15 53                           |                                 |
| 19    | -0.8 | 17 13 47.110 | -23 34 53.24  | 1.418846        | 6.20                   | 2.37  | 6 14  | 11 5                           | 15 55                           |                                 |
| 20    | -0.8 | 17 20 31.399 | -23 48 09.34  | 1.423881        | 6.18                   | 2.36  | 6 17  | 11 7                           | 15 57                           |                                 |
| 21    | -0.9 | 17 27 17.716 | -24 00 12.99  | 1.428343        | 6.16                   | 2.35  | 6 21  | 11 10                          | 15 59                           |                                 |
| 22    | -0.9 | 17 34 05.991 | -24 11 02.77  | 1.432238        | 6.14                   | 2.35  | 6 24  | 11 13                          | 16 2                            |                                 |
| 23    | -0.9 | 17 40 56.150 | -24 20 37.34  | 1.435571        | 6.13                   | 2.34  | 6 28  | 11 16                          | 16 4                            |                                 |
| 24    | -1.0 | 17 47 48.118 | -24 28 55.36  | 1.438344        | 6.11                   | 2.34  | 6 31  | 11 19                          | 16 6                            |                                 |
| 25    | -1.0 | 17 54 41.816 | -24 35 55.54  | 1.440560        | 6.10                   | 2.33  | 6 35  | 11 22                          | 16 9                            |                                 |
| 26    | -1.0 | 18 01 37.160 | -24 41 36.62  | 1.442220        | 6.10                   | 2.33  | 6 38  | 11 25                          | 16 12                           |                                 |
| 27    | -1.1 | 18 08 34.068 | -24 45 57.33  | 1.443324        | 6.09                   | 2.33  | 6 41  | 11 28                          | 16 14                           |                                 |
| 28    | -1.1 | 18 15 32.449 | -24 48 56.49  | 1.443871        | 6.09                   | 2.33  | 6 45  | 11 31                          | 16 17                           |                                 |
| 29    | -1.2 | 18 22 32.214 | -24 50 32.92  | 1.443858        | 6.09                   | 2.33  | 6 48  | 11 34                          | 16 20                           |                                 |
| 30    | -1.2 | 18 29 33.265 | -24 50 45.49  | 1.443281        | 6.09                   | 2.33  | 6 51  | 11 37                          | 16 23                           |                                 |
| 31    | -1.3 | 18 36 35.500 | -24 49 33.12  | 1.442136        | 6.10                   | 2.33  | 6 54  | 11 40                          | 16 27                           |                                 |
| 32    | -1.3 | 18 43 38.811 | -24 46 54.75  | 1.440417        | 6.11                   | 2.34  | 6 57  | 11 43                          | 16 30                           |                                 |
| 33    | 外合   | -1.3         | 18 50 43.080  | -24 42 49.37    | 1.438116               | 6.12  | 2.34  | 7 0                            | 11 46                           | 16 33                           |
| 34    | -1.3 | 18 57 48.183 | -24 37 16.04  | 1.435225        | 6.13                   | 2.34  | 7 2   | 11 50                          | 16 37                           |                                 |

西方：西方最大離角，東方：東方最大離角

金 星 令和 8 年 2026

| 月 日 | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                      |                                 |                                 |
|-----|----|--------------|---|-----------------|------------------------|-------|-------|--------------------------------|---------------------------------|---------------------------------|
|     |    | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                              | 南中                              | 入                               |
| 1 0 |    | -3.9         | 18 <sup>h</sup> 34 <sup>m</sup> 43.677 <sup>s</sup> | -23° 39' 59.27" | 1.709665 <sup>au</sup> | 5.14" | 4.88" | 6 <sup>h</sup> 47 <sup>m</sup> | 11 <sup>h</sup> 37 <sup>m</sup> | 16 <sup>h</sup> 28 <sup>m</sup> |
| 1 1 |    | -3.9         | 18 40 13.289  | -23 37 20.80    | 1.709959               | 5.14  | 4.88  | 6 48                           | 11 39                           | 16 29                           |
| 2   |    | -3.9         | 18 45 42.629  | -23 33 58.40    | 1.710215               | 5.14  | 4.88  | 6 50                           | 11 40                           | 16 31                           |
| 3   |    | -3.9         | 18 51 11.636  | -23 29 52.22    | 1.710433               | 5.14  | 4.88  | 6 51                           | 11 42                           | 16 33                           |
| 4   |    | -3.9         | 18 56 40.250  | -23 25 02.43    | 1.710614               | 5.14  | 4.88  | 6 52                           | 11 43                           | 16 35                           |
| 5   |    | -3.9         | 19 02 08.412  | -23 19 29.20    | 1.710756               | 5.14  | 4.88  | 6 53                           | 11 45                           | 16 37                           |
| 6   |    | -3.9         | 19 07 36.067  | -23 13 12.73    | 1.710861               | 5.14  | 4.88  | 6 55                           | 11 46                           | 16 38                           |
| 7   | 外合 | -3.9         | 19 13 03.157  | -23 06 13.21    | 1.710928               | 5.14  | 4.88  | 6 56                           | 11 48                           | 16 40                           |
| 8   |    | -3.9         | 19 18 29.626  | -22 58 30.93    | 1.710957               | 5.14  | 4.88  | 6 57                           | 11 49                           | 16 42                           |
| 9   |    | -3.9         | 19 23 55.422  | -22 50 06.25    | 1.710947               | 5.14  | 4.88  | 6 58                           | 11 51                           | 16 44                           |
| 10  |    | -3.9         | 19 29 20.497  | -22 40 59.53    | 1.710899               | 5.14  | 4.88  | 6 59                           | 11 52                           | 16 46                           |
| 11  |    | -3.9         | 19 34 44.803  | -22 31 11.15    | 1.710811               | 5.14  | 4.88  | 7 0                            | 11 54                           | 16 48                           |
| 12  |    | -3.9         | 19 40 08.292  | -22 20 41.52    | 1.710685               | 5.14  | 4.88  | 7 0                            | 11 55                           | 16 50                           |
| 13  |    | -3.9         | 19 45 30.919  | -22 09 31.08    | 1.710519               | 5.14  | 4.88  | 7 1                            | 11 57                           | 16 53                           |
| 14  |    | -3.9         | 19 50 52.640  | -21 57 40.31    | 1.710313               | 5.14  | 4.88  | 7 2                            | 11 58                           | 16 55                           |
| 15  |    | -3.9         | 19 56 13.412  | -21 45 09.68    | 1.710068               | 5.14  | 4.88  | 7 3                            | 12 0                            | 16 57                           |
| 16  |    | -3.9         | 20 01 33.195  | -21 31 59.74    | 1.709783               | 5.14  | 4.88  | 7 3                            | 12 1                            | 16 59                           |
| 17  |    | -3.9         | 20 06 51.949  | -21 18 11.01    | 1.709457               | 5.14  | 4.88  | 7 4                            | 12 2                            | 17 1                            |
| 18  |    | -3.9         | 20 12 09.640  | -21 03 44.08    | 1.709092               | 5.15  | 4.88  | 7 4                            | 12 4                            | 17 3                            |
| 19  |    | -3.9         | 20 17 26.231  | -20 48 39.54    | 1.708686               | 5.15  | 4.88  | 7 5                            | 12 5                            | 17 5                            |
| 20  |    | -3.9         | 20 22 41.693  | -20 32 57.98    | 1.708239               | 5.15  | 4.88  | 7 5                            | 12 6                            | 17 8                            |
| 21  |    | -3.9         | 20 27 55.998  | -20 16 40.04    | 1.707752               | 5.15  | 4.89  | 7 6                            | 12 8                            | 17 10                           |
| 22  |    | -3.9         | 20 33 09.119  | -19 59 46.35    | 1.707225               | 5.15  | 4.89  | 7 6                            | 12 9                            | 17 12                           |
| 23  |    | -3.9         | 20 38 21.037  | -19 42 17.58    | 1.706657               | 5.15  | 4.89  | 7 6                            | 12 10                           | 17 14                           |
| 24  |    | -3.9         | 20 43 31.732  | -19 24 14.39    | 1.706048               | 5.15  | 4.89  | 7 7                            | 12 11                           | 17 17                           |
| 25  |    | -3.9         | 20 48 41.192  | -19 05 37.47    | 1.705399               | 5.16  | 4.89  | 7 7                            | 12 13                           | 17 19                           |
| 26  |    | -3.9         | 20 53 49.405  | -18 46 27.53    | 1.704711               | 5.16  | 4.89  | 7 7                            | 12 14                           | 17 21                           |
| 27  |    | -3.9         | 20 58 56.361  | -18 26 45.28    | 1.703982               | 5.16  | 4.90  | 7 7                            | 12 15                           | 17 23                           |
| 28  |    | -3.9         | 21 04 02.056  | -18 06 31.44    | 1.703214               | 5.16  | 4.90  | 7 7                            | 12 16                           | 17 26                           |
| 29  |    | -3.9         | 21 09 06.485  | -17 45 46.77    | 1.702407               | 5.17  | 4.90  | 7 7                            | 12 17                           | 17 28                           |
| 30  |    | -3.9         | 21 14 09.646  | -17 24 31.99    | 1.701560               | 5.17  | 4.90  | 7 7                            | 12 18                           | 17 30                           |
| 31  |    | -3.9         | 21 19 11.539  | -17 02 47.86    | 1.700675               | 5.17  | 4.91  | 7 7                            | 12 19                           | 17 32                           |
| 2 1 |    | -3.9         | 21 24 12.167  | -16 40 35.13    | 1.699750               | 5.17  | 4.91  | 7 7                            | 12 21                           | 17 35                           |
| 2 2 |    | -3.9         | 21 29 11.536  | -16 17 54.52    | 1.698787               | 5.18  | 4.91  | 7 7                            | 12 22                           | 17 37                           |
| 3   |    | -3.9         | 21 34 09.656  | -15 54 46.78    | 1.697786               | 5.18  | 4.91  | 7 7                            | 12 23                           | 17 39                           |
| 4   |    | -3.9         | 21 39 06.540  | -15 31 12.65    | 1.696745               | 5.18  | 4.92  | 7 6                            | 12 24                           | 17 41                           |
| 5   |    | -3.9         | 21 44 02.204  | -15 07 12.86    | 1.695665               | 5.19  | 4.92  | 7 6                            | 12 25                           | 17 44                           |
| 6   |    | -3.9         | 21 48 56.666  | -14 42 48.16    | 1.694545               | 5.19  | 4.92  | 7 6                            | 12 26                           | 17 46                           |
| 7   |    | -3.9         | 21 53 49.943  | -14 17 59.31    | 1.693386               | 5.19  | 4.93  | 7 6                            | 12 26                           | 17 48                           |
| 8   |    | -3.9         | 21 58 42.056  | -13 52 47.09    | 1.692186               | 5.20  | 4.93  | 7 5                            | 12 27                           | 17 50                           |
| 9   |    | -3.9         | 22 03 33.026  | -13 27 12.25    | 1.690946               | 5.20  | 4.93  | 7 5                            | 12 28                           | 17 52                           |
| 10  |    | -3.9         | 22 08 22.874  | -13 01 15.57    | 1.689665               | 5.20  | 4.94  | 7 4                            | 12 29                           | 17 55                           |
| 11  |    | -3.9         | 22 13 11.624  | -12 34 57.84    | 1.688343               | 5.21  | 4.94  | 7 4                            | 12 30                           | 17 57                           |
| 12  |    | -3.9         | 22 17 59.300  | -12 08 19.83    | 1.686980               | 5.21  | 4.95  | 7 3                            | 12 31                           | 17 59                           |
| 13  |    | -3.9         | 22 22 45.925  | -11 41 22.34    | 1.685574               | 5.22  | 4.95  | 7 3                            | 12 32                           | 18 1                            |
| 14  |    | -3.9         | 22 27 31.527  | -11 14 06.14    | 1.684126               | 5.22  | 4.95  | 7 2                            | 12 33                           | 18 3                            |
| 15  |    | -3.9         | 22 32 16.131  | -10 46 32.03    | 1.682636               | 5.23  | 4.96  | 7 2                            | 12 33                           | 18 6                            |

西方：西方最大離角，東方：東方最大離角，GB：最大光度

金 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |              |              | 地球時 0 <sup>h</sup> |      |      | 東京, 中央標準時 |       |       |
|------|----|--------------|--------------|--------------|--------------------|------|------|-----------|-------|-------|
|      |    | 等級           | 視赤経          | 視赤緯          | 距離                 | 視差   | 視半径  | 出         | 南中    | 入     |
| 月 日  |    | 等            | h m s        | ° ′ ″        | au                 | ″    | ″    | h m       | h m   | h m   |
| 2 15 |    | -3.9         | 22 32 16.131 | -10 46 32.03 | 1.682636           | 5.23 | 4.96 | 7 2       | 12 33 | 18 6  |
| 16   |    | -3.9         | 22 36 59.767 | -10 18 40.80 | 1.681102           | 5.23 | 4.96 | 7 1       | 12 34 | 18 8  |
| 17   |    | -3.9         | 22 41 42.461 | -09 50 33.22 | 1.679525           | 5.24 | 4.97 | 7 1       | 12 35 | 18 10 |
| 18   |    | -3.9         | 22 46 24.246 | -09 22 10.09 | 1.677905           | 5.24 | 4.97 | 7 0       | 12 36 | 18 12 |
| 19   |    | -3.9         | 22 51 05.153 | -08 53 32.19 | 1.676240           | 5.25 | 4.98 | 6 59      | 12 36 | 18 14 |
| 20   |    | -3.9         | 22 55 45.215 | -08 24 40.29 | 1.674532           | 5.25 | 4.98 | 6 59      | 12 37 | 18 16 |
| 21   |    | -3.9         | 23 00 24.468 | -07 55 35.18 | 1.672779           | 5.26 | 4.99 | 6 58      | 12 38 | 18 19 |
| 22   |    | -3.9         | 23 05 02.947 | -07 26 17.62 | 1.670982           | 5.26 | 4.99 | 6 57      | 12 39 | 18 21 |
| 23   |    | -3.9         | 23 09 40.689 | -06 56 48.38 | 1.669140           | 5.27 | 5.00 | 6 56      | 12 39 | 18 23 |
| 24   |    | -3.9         | 23 14 17.732 | -06 27 08.25 | 1.667255           | 5.27 | 5.00 | 6 56      | 12 40 | 18 25 |
| 25   |    | -3.9         | 23 18 54.111 | -05 57 18.00 | 1.665325           | 5.28 | 5.01 | 6 55      | 12 41 | 18 27 |
| 26   |    | -3.9         | 23 23 29.863 | -05 27 18.38 | 1.663351           | 5.29 | 5.02 | 6 54      | 12 41 | 18 29 |
| 27   |    | -3.9         | 23 28 05.028 | -04 57 10.18 | 1.661334           | 5.29 | 5.02 | 6 53      | 12 42 | 18 31 |
| 28   |    | -3.9         | 23 32 39.643 | -04 26 54.13 | 1.659272           | 5.30 | 5.03 | 6 52      | 12 42 | 18 33 |
| 3 1  |    | -3.9         | 23 37 13.748 | -03 56 31.00 | 1.657167           | 5.31 | 5.04 | 6 52      | 12 43 | 18 35 |
| 2    |    | -3.9         | 23 41 47.385 | -03 26 01.51 | 1.655019           | 5.31 | 5.04 | 6 51      | 12 44 | 18 37 |
| 3    |    | -3.9         | 23 46 20.598 | -02 55 26.39 | 1.652827           | 5.32 | 5.05 | 6 50      | 12 44 | 18 40 |
| 4    |    | -3.9         | 23 50 53.432 | -02 24 46.36 | 1.650591           | 5.33 | 5.06 | 6 49      | 12 45 | 18 42 |
| 5    |    | -3.9         | 23 55 25.931 | -01 54 02.13 | 1.648311           | 5.34 | 5.06 | 6 48      | 12 46 | 18 44 |
| 6    |    | -3.9         | 23 59 58.143 | -01 23 14.43 | 1.645987           | 5.34 | 5.07 | 6 47      | 12 46 | 18 46 |
| 7    |    | -3.9         | 00 04 30.111 | -00 52 23.96 | 1.643619           | 5.35 | 5.08 | 6 46      | 12 47 | 18 48 |
| 8    |    | -3.9         | 00 09 01.882 | -00 21 31.44 | 1.641206           | 5.36 | 5.08 | 6 45      | 12 47 | 18 50 |
| 9    |    | -3.9         | 00 13 33.498 | +00 09 22.39 | 1.638747           | 5.37 | 5.09 | 6 45      | 12 48 | 18 52 |
| 10   |    | -3.9         | 00 18 05.005 | +00 40 16.81 | 1.636244           | 5.37 | 5.10 | 6 44      | 12 48 | 18 54 |
| 11   |    | -3.9         | 00 22 36.445 | +01 11 11.08 | 1.633694           | 5.38 | 5.11 | 6 43      | 12 49 | 18 56 |
| 12   |    | -3.9         | 00 27 07.860 | +01 42 04.49 | 1.631099           | 5.39 | 5.12 | 6 42      | 12 50 | 18 58 |
| 13   |    | -3.9         | 00 31 39.293 | +02 12 56.27 | 1.628456           | 5.40 | 5.12 | 6 41      | 12 50 | 19 0  |
| 14   |    | -3.9         | 00 36 10.786 | +02 43 45.70 | 1.625767           | 5.41 | 5.13 | 6 40      | 12 51 | 19 2  |
| 15   |    | -3.9         | 00 40 42.380 | +03 14 32.04 | 1.623030           | 5.42 | 5.14 | 6 39      | 12 51 | 19 4  |
| 16   |    | -3.9         | 00 45 14.115 | +03 45 14.53 | 1.620245           | 5.43 | 5.15 | 6 38      | 12 52 | 19 6  |
| 17   |    | -3.9         | 00 49 46.033 | +04 15 52.43 | 1.617412           | 5.44 | 5.16 | 6 37      | 12 53 | 19 8  |
| 18   |    | -3.9         | 00 54 18.175 | +04 46 24.99 | 1.614530           | 5.45 | 5.17 | 6 37      | 12 53 | 19 11 |
| 19   |    | -3.9         | 00 58 50.581 | +05 16 51.46 | 1.611599           | 5.46 | 5.18 | 6 36      | 12 54 | 19 13 |
| 20   |    | -3.9         | 01 03 23.292 | +05 47 11.10 | 1.608618           | 5.47 | 5.19 | 6 35      | 12 54 | 19 15 |
| 21   |    | -3.9         | 01 07 56.348 | +06 17 23.16 | 1.605587           | 5.48 | 5.20 | 6 34      | 12 55 | 19 17 |
| 22   |    | -3.9         | 01 12 29.787 | +06 47 26.89 | 1.602507           | 5.49 | 5.21 | 6 33      | 12 56 | 19 19 |
| 23   |    | -3.9         | 01 17 03.648 | +07 17 21.55 | 1.599376           | 5.50 | 5.22 | 6 32      | 12 56 | 19 21 |
| 24   |    | -3.9         | 01 21 37.965 | +07 47 06.38 | 1.596195           | 5.51 | 5.23 | 6 31      | 12 57 | 19 23 |
| 25   |    | -3.9         | 01 26 12.774 | +08 16 40.62 | 1.592965           | 5.52 | 5.24 | 6 31      | 12 57 | 19 25 |
| 26   |    | -3.9         | 01 30 48.107 | +08 46 03.52 | 1.589684           | 5.53 | 5.25 | 6 30      | 12 58 | 19 27 |
| 27   |    | -3.9         | 01 35 23.999 | +09 15 14.33 | 1.586353           | 5.54 | 5.26 | 6 29      | 12 59 | 19 29 |
| 28   |    | -3.9         | 01 40 00.483 | +09 44 12.28 | 1.582973           | 5.56 | 5.27 | 6 28      | 12 59 | 19 31 |
| 29   |    | -3.9         | 01 44 37.594 | +10 12 56.64 | 1.579544           | 5.57 | 5.28 | 6 27      | 13 0  | 19 34 |
| 30   |    | -3.9         | 01 49 15.366 | +10 41 26.67 | 1.576065           | 5.58 | 5.29 | 6 27      | 13 1  | 19 36 |
| 31   |    | -3.9         | 01 53 53.835 | +11 09 41.64 | 1.572536           | 5.59 | 5.31 | 6 26      | 13 2  | 19 38 |
| 4 1  |    | -3.9         | 01 58 33.036 | +11 37 40.81 | 1.568959           | 5.61 | 5.32 | 6 25      | 13 2  | 19 40 |
| 2    |    | -3.9         | 02 03 13.002 | +12 05 23.47 | 1.565332           | 5.62 | 5.33 | 6 25      | 13 3  | 19 42 |

西方：西方最大離角，東方：東方最大離角，GB：最大光度

金 星 令和 8 年 2026

| 月 日 | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                      |                                |                                 |
|-----|----|--------------|---|-----------------|------------------------|-------|-------|--------------------------------|--------------------------------|---------------------------------|
|     |    | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                              | 南中                             | 入                               |
| 4 2 |    | -3.9         | 02 <sup>h</sup> 03 <sup>m</sup> 13.002 <sup>s</sup> | +12° 05' 23.47" | 1.565332 <sup>au</sup> | 5.62" | 5.33" | 6 <sup>h</sup> 25 <sup>m</sup> | 13 <sup>h</sup> 3 <sup>m</sup> | 19 <sup>h</sup> 42 <sup>m</sup> |
| 3   |    | -3.9         | 02 07 53.767  | +12 32 48.88    | 1.561657               | 5.63  | 5.34  | 6 24                           | 13 4                           | 19 44                           |
| 4   |    | -3.9         | 02 12 35.362  | +12 59 56.33    | 1.557932               | 5.64  | 5.36  | 6 23                           | 13 4                           | 19 46                           |
| 5   |    | -3.9         | 02 17 17.816  | +13 26 45.07    | 1.554157               | 5.66  | 5.37  | 6 23                           | 13 5                           | 19 49                           |
| 6   |    | -3.9         | 02 22 01.158  | +13 53 14.39    | 1.550334               | 5.67  | 5.38  | 6 22                           | 13 6                           | 19 51                           |
| 7   |    | -3.9         | 02 26 45.414  | +14 19 23.54    | 1.546460               | 5.69  | 5.40  | 6 21                           | 13 7                           | 19 53                           |
| 8   |    | -3.9         | 02 31 30.606  | +14 45 11.77    | 1.542537               | 5.70  | 5.41  | 6 21                           | 13 8                           | 19 55                           |
| 9   |    | -3.9         | 02 36 16.758  | +15 10 38.36    | 1.538563               | 5.72  | 5.42  | 6 20                           | 13 8                           | 19 57                           |
| 10  |    | -3.9         | 02 41 03.888  | +15 35 42.55    | 1.534539               | 5.73  | 5.44  | 6 20                           | 13 9                           | 19 59                           |
| 11  |    | -3.9         | 02 45 52.016  | +16 00 23.60    | 1.530465               | 5.75  | 5.45  | 6 19                           | 13 10                          | 20 2                            |
| 12  |    | -3.9         | 02 50 41.158  | +16 24 40.76    | 1.526340               | 5.76  | 5.47  | 6 19                           | 13 11                          | 20 4                            |
| 13  |    | -3.9         | 02 55 31.328  | +16 48 33.27    | 1.522164               | 5.78  | 5.48  | 6 19                           | 13 12                          | 20 6                            |
| 14  |    | -3.9         | 03 00 22.540  | +17 12 00.41    | 1.517936               | 5.79  | 5.50  | 6 18                           | 13 13                          | 20 8                            |
| 15  |    | -3.9         | 03 05 14.804  | +17 35 01.41    | 1.513657               | 5.81  | 5.51  | 6 18                           | 13 14                          | 20 10                           |
| 16  |    | -3.9         | 03 10 08.129  | +17 57 35.55    | 1.509325               | 5.83  | 5.53  | 6 18                           | 13 15                          | 20 12                           |
| 17  |    | -3.9         | 03 15 02.522  | +18 19 42.09    | 1.504942               | 5.84  | 5.54  | 6 17                           | 13 16                          | 20 15                           |
| 18  |    | -3.9         | 03 19 57.988  | +18 41 20.32    | 1.500505               | 5.86  | 5.56  | 6 17                           | 13 17                          | 20 17                           |
| 19  |    | -3.9         | 03 24 54.524  | +19 02 29.52    | 1.496016               | 5.88  | 5.58  | 6 17                           | 13 18                          | 20 19                           |
| 20  |    | -3.9         | 03 29 52.129  | +19 23 08.99    | 1.491474               | 5.90  | 5.59  | 6 17                           | 13 19                          | 20 21                           |
| 21  |    | -3.9         | 03 34 50.791  | +19 43 18.03    | 1.486880               | 5.91  | 5.61  | 6 17                           | 13 20                          | 20 23                           |
| 22  |    | -3.9         | 03 39 50.501  | +20 02 55.95    | 1.482233               | 5.93  | 5.63  | 6 17                           | 13 21                          | 20 26                           |
| 23  |    | -3.9         | 03 44 51.242  | +20 22 02.05    | 1.477533               | 5.95  | 5.65  | 6 17                           | 13 22                          | 20 28                           |
| 24  |    | -3.9         | 03 49 53.002  | +20 40 35.65    | 1.472781               | 5.97  | 5.67  | 6 17                           | 13 23                          | 20 30                           |
| 25  |    | -3.9         | 03 54 55.762  | +20 58 36.10    | 1.467978               | 5.99  | 5.68  | 6 17                           | 13 24                          | 20 32                           |
| 26  |    | -3.9         | 03 59 59.506  | +21 16 02.76    | 1.463123               | 6.01  | 5.70  | 6 17                           | 13 25                          | 20 34                           |
| 27  |    | -3.9         | 04 05 04.215  | +21 32 55.00    | 1.458218               | 6.03  | 5.72  | 6 17                           | 13 26                          | 20 36                           |
| 28  |    | -3.9         | 04 10 09.870  | +21 49 12.22    | 1.453261               | 6.05  | 5.74  | 6 17                           | 13 27                          | 20 38                           |
| 29  |    | -3.9         | 04 15 16.449  | +22 04 53.84    | 1.448255               | 6.07  | 5.76  | 6 17                           | 13 29                          | 20 40                           |
| 30  |    | -3.9         | 04 20 23.927  | +22 19 59.30    | 1.443198               | 6.09  | 5.78  | 6 18                           | 13 30                          | 20 42                           |
| 5 1 |    | -3.9         | 04 25 32.277  | +22 34 28.05    | 1.438092               | 6.12  | 5.80  | 6 18                           | 13 31                          | 20 45                           |
| 2   |    | -3.9         | 04 30 41.469  | +22 48 19.57    | 1.432937               | 6.14  | 5.82  | 6 18                           | 13 32                          | 20 47                           |
| 3   |    | -3.9         | 04 35 51.471  | +23 01 33.35    | 1.427733               | 6.16  | 5.84  | 6 19                           | 13 33                          | 20 49                           |
| 4   |    | -3.9         | 04 41 02.247  | +23 14 08.90    | 1.422479               | 6.18  | 5.87  | 6 19                           | 13 35                          | 20 51                           |
| 5   |    | -3.9         | 04 46 13.759  | +23 26 05.75    | 1.417177               | 6.21  | 5.89  | 6 20                           | 13 36                          | 20 52                           |
| 6   |    | -3.9         | 04 51 25.965  | +23 37 23.46    | 1.411827               | 6.23  | 5.91  | 6 20                           | 13 37                          | 20 54                           |
| 7   |    | -3.9         | 04 56 38.823  | +23 48 01.58    | 1.406428               | 6.25  | 5.93  | 6 21                           | 13 39                          | 20 56                           |
| 8   |    | -3.9         | 05 01 52.286  | +23 57 59.71    | 1.400982               | 6.28  | 5.96  | 6 22                           | 13 40                          | 20 58                           |
| 9   |    | -3.9         | 05 07 06.307  | +24 07 17.46    | 1.395487               | 6.30  | 5.98  | 6 22                           | 13 41                          | 21 0                            |
| 10  |    | -3.9         | 05 12 20.835  | +24 15 54.46    | 1.389944               | 6.33  | 6.00  | 6 23                           | 13 42                          | 21 2                            |
| 11  |    | -3.9         | 05 17 35.820  | +24 23 50.37    | 1.384353               | 6.35  | 6.03  | 6 24                           | 13 44                          | 21 4                            |
| 12  |    | -3.9         | 05 22 51.209  | +24 31 04.87    | 1.378714               | 6.38  | 6.05  | 6 25                           | 13 45                          | 21 5                            |
| 13  |    | -3.9         | 05 28 06.946  | +24 37 37.68    | 1.373027               | 6.40  | 6.08  | 6 26                           | 13 46                          | 21 7                            |
| 14  |    | -3.9         | 05 33 22.976  | +24 43 28.54    | 1.367292               | 6.43  | 6.10  | 6 27                           | 13 48                          | 21 9                            |
| 15  |    | -3.9         | 05 38 39.241  | +24 48 37.23    | 1.361509               | 6.46  | 6.13  | 6 28                           | 13 49                          | 21 10                           |
| 16  |    | -3.9         | 05 43 55.681  | +24 53 03.57    | 1.355678               | 6.49  | 6.15  | 6 29                           | 13 50                          | 21 12                           |
| 17  |    | -3.9         | 05 49 12.233  | +24 56 47.41    | 1.349799               | 6.52  | 6.18  | 6 30                           | 13 52                          | 21 14                           |
| 18  |    | -3.9         | 05 54 28.828  | +24 59 48.64    | 1.343872               | 6.54  | 6.21  | 6 31                           | 13 53                          | 21 15                           |

西方：西方最大離角，東方：東方最大離角，GB：最大光度



金 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |   |                             | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                      |                                 |                                 |
|------|----|--------------|---|-----------------------------|------------------------|-------|-------|--------------------------------|---------------------------------|---------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯                         | 距離                     | 視差    | 視半径   | 出                              | 南中                              | 入                               |
| 5 18 |    | -3.9         | 05 <sup>h</sup> 54 <sup>m</sup> 28.828 <sup>s</sup> | +24 <sup>o</sup> 59' 48.64" | 1.343872 <sup>au</sup> | 6.54" | 6.21" | 6 <sup>h</sup> 31 <sup>m</sup> | 13 <sup>h</sup> 53 <sup>m</sup> | 21 <sup>h</sup> 15 <sup>m</sup> |
| 19   |    | -3.9         | 05 59 45.396  | +25 02 07.18                | 1.337898               | 6.57  | 6.24  | 6 32                           | 13 54                           | 21 16                           |
| 20   |    | -3.9         | 06 05 01.865  | +25 03 42.99                | 1.331875               | 6.60  | 6.26  | 6 33                           | 13 56                           | 21 18                           |
| 21   |    | -3.9         | 06 10 18.163  | +25 04 36.03                | 1.325806               | 6.63  | 6.29  | 6 35                           | 13 57                           | 21 19                           |
| 22   |    | -3.9         | 06 15 34.219  | +25 04 46.31                | 1.319689               | 6.66  | 6.32  | 6 36                           | 13 58                           | 21 21                           |
| 23   |    | -3.9         | 06 20 49.963  | +25 04 13.86                | 1.313527               | 6.70  | 6.35  | 6 37                           | 14 0                            | 21 22                           |
| 24   |    | -3.9         | 06 26 05.330  | +25 02 58.76                | 1.307319               | 6.73  | 6.38  | 6 39                           | 14 1                            | 21 23                           |
| 25   |    | -3.9         | 06 31 20.253  | +25 01 01.11                | 1.301066               | 6.76  | 6.41  | 6 40                           | 14 2                            | 21 24                           |
| 26   |    | -3.9         | 06 36 34.670  | +24 58 21.05                | 1.294770               | 6.79  | 6.44  | 6 42                           | 14 4                            | 21 25                           |
| 27   |    | -3.9         | 06 41 48.517  | +24 54 58.77                | 1.288429               | 6.83  | 6.48  | 6 43                           | 14 5                            | 21 26                           |
| 28   |    | -3.9         | 06 47 01.733  | +24 50 54.47                | 1.282046               | 6.86  | 6.51  | 6 45                           | 14 6                            | 21 27                           |
| 29   |    | -4.0         | 06 52 14.257  | +24 46 08.39                | 1.275621               | 6.89  | 6.54  | 6 46                           | 14 7                            | 21 28                           |
| 30   |    | -4.0         | 06 57 26.030  | +24 40 40.79                | 1.269154               | 6.93  | 6.57  | 6 48                           | 14 9                            | 21 29                           |
| 31   |    | -4.0         | 07 02 36.993  | +24 34 31.97                | 1.262646               | 6.96  | 6.61  | 6 49                           | 14 10                           | 21 30                           |
| 6 1  |    | -4.0         | 07 07 47.089  | +24 27 42.26                | 1.256097               | 7.00  | 6.64  | 6 51                           | 14 11                           | 21 31                           |
| 2    |    | -4.0         | 07 12 56.263  | +24 20 12.00                | 1.249509               | 7.04  | 6.68  | 6 53                           | 14 12                           | 21 32                           |
| 3    |    | -4.0         | 07 18 04.460  | +24 12 01.54                | 1.242882               | 7.08  | 6.71  | 6 55                           | 14 14                           | 21 32                           |
| 4    |    | -4.0         | 07 23 11.629  | +24 03 11.29                | 1.236216               | 7.11  | 6.75  | 6 56                           | 14 15                           | 21 33                           |
| 5    |    | -4.0         | 07 28 17.720  | +23 53 41.65                | 1.229511               | 7.15  | 6.79  | 6 58                           | 14 16                           | 21 33                           |
| 6    |    | -4.0         | 07 33 22.686  | +23 43 33.05                | 1.222769               | 7.19  | 6.82  | 7 0                            | 14 17                           | 21 34                           |
| 7    |    | -4.0         | 07 38 26.481  | +23 32 45.94                | 1.215990               | 7.23  | 6.86  | 7 2                            | 14 18                           | 21 34                           |
| 8    |    | -4.0         | 07 43 29.064  | +23 21 20.78                | 1.209173               | 7.27  | 6.90  | 7 3                            | 14 19                           | 21 35                           |
| 9    |    | -4.0         | 07 48 30.394  | +23 09 18.06                | 1.202320               | 7.31  | 6.94  | 7 5                            | 14 20                           | 21 35                           |
| 10   |    | -4.0         | 07 53 30.435  | +22 56 38.28                | 1.195431               | 7.36  | 6.98  | 7 7                            | 14 21                           | 21 35                           |
| 11   |    | -4.0         | 07 58 29.152  | +22 43 21.98                | 1.188505               | 7.40  | 7.02  | 7 9                            | 14 22                           | 21 35                           |
| 12   |    | -4.0         | 08 03 26.513  | +22 29 29.69                | 1.181544               | 7.44  | 7.06  | 7 11                           | 14 23                           | 21 36                           |
| 13   |    | -4.0         | 08 08 22.486  | +22 15 02.01                | 1.174547               | 7.49  | 7.10  | 7 12                           | 14 24                           | 21 36                           |
| 14   |    | -4.0         | 08 13 17.039  | +21 59 59.52                | 1.167515               | 7.53  | 7.15  | 7 14                           | 14 25                           | 21 36                           |
| 15   |    | -4.0         | 08 18 10.140  | +21 44 22.87                | 1.160447               | 7.58  | 7.19  | 7 16                           | 14 26                           | 21 36                           |
| 16   |    | -4.0         | 08 23 01.757  | +21 28 12.69                | 1.153344               | 7.62  | 7.23  | 7 18                           | 14 27                           | 21 36                           |
| 17   |    | -4.0         | 08 27 51.857  | +21 11 29.66                | 1.146207               | 7.67  | 7.28  | 7 20                           | 14 28                           | 21 36                           |
| 18   |    | -4.0         | 08 32 40.413  | +20 54 14.43                | 1.139036               | 7.72  | 7.33  | 7 22                           | 14 29                           | 21 35                           |
| 19   |    | -4.0         | 08 37 27.397  | +20 36 27.68                | 1.131830               | 7.77  | 7.37  | 7 24                           | 14 30                           | 21 35                           |
| 20   |    | -4.0         | 08 42 12.790  | +20 18 10.09                | 1.124592               | 7.82  | 7.42  | 7 25                           | 14 31                           | 21 35                           |
| 21   |    | -4.0         | 08 46 56.573  | +19 59 22.34                | 1.117322               | 7.87  | 7.47  | 7 27                           | 14 31                           | 21 35                           |
| 22   |    | -4.0         | 08 51 38.732  | +19 40 05.13                | 1.110020               | 7.92  | 7.52  | 7 29                           | 14 32                           | 21 34                           |
| 23   |    | -4.0         | 08 56 19.257  | +19 20 19.16                | 1.102687               | 7.98  | 7.57  | 7 31                           | 14 33                           | 21 34                           |
| 24   |    | -4.0         | 09 00 58.137  | +19 00 05.14                | 1.095324               | 8.03  | 7.62  | 7 33                           | 14 34                           | 21 33                           |
| 25   |    | -4.0         | 09 05 35.366  | +18 39 23.78                | 1.087933               | 8.08  | 7.67  | 7 35                           | 14 34                           | 21 33                           |
| 26   |    | -4.0         | 09 10 10.939  | +18 18 15.81                | 1.080513               | 8.14  | 7.72  | 7 37                           | 14 35                           | 21 32                           |
| 27   |    | -4.0         | 09 14 44.851  | +17 56 41.93                | 1.073066               | 8.20  | 7.78  | 7 38                           | 14 35                           | 21 32                           |
| 28   |    | -4.1         | 09 19 17.102  | +17 34 42.87                | 1.065593               | 8.25  | 7.83  | 7 40                           | 14 36                           | 21 31                           |
| 29   |    | -4.1         | 09 23 47.692  | +17 12 19.34                | 1.058094               | 8.31  | 7.89  | 7 42                           | 14 37                           | 21 31                           |
| 30   |    | -4.1         | 09 28 16.622  | +16 49 32.07                | 1.050569               | 8.37  | 7.94  | 7 44                           | 14 37                           | 21 30                           |
| 7 1  |    | -4.1         | 09 32 43.896  | +16 26 21.75                | 1.043021               | 8.43  | 8.00  | 7 45                           | 14 38                           | 21 29                           |
| 2    |    | -4.1         | 09 37 09.518  | +16 02 49.10                | 1.035449               | 8.49  | 8.06  | 7 47                           | 14 38                           | 21 28                           |
| 3    |    | -4.1         | 09 41 33.497  | +15 38 54.82                | 1.027855               | 8.56  | 8.12  | 7 49                           | 14 39                           | 21 27                           |

西方：西方最大離角，東方：東方最大離角，GB：最大光度

金星 令和8年 2026

| 月日  | 状況 | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                      |                                 |                                 |
|-----|----|-------------------|---|-----------------|------------------------|-------|-------|--------------------------------|---------------------------------|---------------------------------|
|     |    | 等級                | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                              | 南中                              | 入                               |
| 7 3 |    | -4.1 <sup>等</sup> | 09 <sup>h</sup> 41 <sup>m</sup> 33.497 <sup>s</sup> | +15° 38' 54.82" | 1.027855 <sup>au</sup> | 8.56" | 8.12" | 7 <sup>h</sup> 49 <sup>m</sup> | 14 <sup>h</sup> 39 <sup>m</sup> | 21 <sup>h</sup> 27 <sup>m</sup> |
| 4   |    | -4.1              | 09 45 55.842  | +15 14 39.61    | 1.020239               | 8.62  | 8.18  | 7 51                           | 14 39                           | 21 27                           |
| 5   |    | -4.1              | 09 50 16.562  | +14 50 04.14    | 1.012601               | 8.68  | 8.24  | 7 52                           | 14 39                           | 21 26                           |
| 6   |    | -4.1              | 09 54 35.671  | +14 25 09.11    | 1.004943               | 8.75  | 8.30  | 7 54                           | 14 40                           | 21 25                           |
| 7   |    | -4.1              | 09 58 53.183  | +13 59 55.20    | 0.997264               | 8.82  | 8.37  | 7 56                           | 14 40                           | 21 24                           |
| 8   |    | -4.1              | 10 03 09.114  | +13 34 23.07    | 0.989566               | 8.89  | 8.43  | 7 57                           | 14 40                           | 21 23                           |
| 9   |    | -4.1              | 10 07 23.479  | +13 08 33.41    | 0.981849               | 8.96  | 8.50  | 7 59                           | 14 41                           | 21 22                           |
| 10  |    | -4.1              | 10 11 36.296  | +12 42 26.89    | 0.974113               | 9.03  | 8.57  | 8 1                            | 14 41                           | 21 21                           |
| 11  |    | -4.1              | 10 15 47.580  | +12 16 04.19    | 0.966359               | 9.10  | 8.63  | 8 2                            | 14 41                           | 21 19                           |
| 12  |    | -4.1              | 10 19 57.344  | +11 49 26.02    | 0.958586               | 9.17  | 8.70  | 8 4                            | 14 41                           | 21 18                           |
| 13  |    | -4.1              | 10 24 05.602  | +11 22 33.08    | 0.950796               | 9.25  | 8.78  | 8 5                            | 14 42                           | 21 17                           |
| 14  |    | -4.1              | 10 28 12.362  | +10 55 26.08    | 0.942988               | 9.33  | 8.85  | 8 7                            | 14 42                           | 21 16                           |
| 15  |    | -4.2              | 10 32 17.633  | +10 28 05.75    | 0.935163               | 9.40  | 8.92  | 8 8                            | 14 42                           | 21 15                           |
| 16  |    | -4.2              | 10 36 21.423  | +10 00 32.80    | 0.927321               | 9.48  | 9.00  | 8 10                           | 14 42                           | 21 13                           |
| 17  |    | -4.2              | 10 40 23.743  | +09 32 47.95    | 0.919463               | 9.56  | 9.08  | 8 11                           | 14 42                           | 21 12                           |
| 18  |    | -4.2              | 10 44 24.602  | +09 04 51.91    | 0.911589               | 9.65  | 9.15  | 8 13                           | 14 42                           | 21 11                           |
| 19  |    | -4.2              | 10 48 24.011  | +08 36 45.36    | 0.903700               | 9.73  | 9.23  | 8 14                           | 14 42                           | 21 9                            |
| 20  |    | -4.2              | 10 52 21.983  | +08 08 29.01    | 0.895796               | 9.82  | 9.31  | 8 16                           | 14 42                           | 21 8                            |
| 21  |    | -4.2              | 10 56 18.528  | +07 40 03.54    | 0.887879               | 9.90  | 9.40  | 8 17                           | 14 42                           | 21 7                            |
| 22  |    | -4.2              | 11 00 13.658  | +07 11 29.65    | 0.879950               | 9.99  | 9.48  | 8 18                           | 14 42                           | 21 5                            |
| 23  |    | -4.2              | 11 04 07.383  | +06 42 48.01    | 0.872009               | 10.08 | 9.57  | 8 20                           | 14 42                           | 21 4                            |
| 24  |    | -4.2              | 11 07 59.713  | +06 13 59.31    | 0.864057               | 10.18 | 9.66  | 8 21                           | 14 42                           | 21 2                            |
| 25  |    | -4.2              | 11 11 50.659  | +05 45 04.20    | 0.856095               | 10.27 | 9.75  | 8 22                           | 14 42                           | 21 1                            |
| 26  |    | -4.2              | 11 15 40.229  | +05 16 03.36    | 0.848124               | 10.37 | 9.84  | 8 24                           | 14 42                           | 20 59                           |
| 27  |    | -4.2              | 11 19 28.431  | +04 46 57.44    | 0.840145               | 10.47 | 9.93  | 8 25                           | 14 42                           | 20 58                           |
| 28  |    | -4.3              | 11 23 15.274  | +04 17 47.09    | 0.832159               | 10.57 | 10.03 | 8 26                           | 14 42                           | 20 56                           |
| 29  |    | -4.3              | 11 27 00.765  | +03 48 32.95    | 0.824167               | 10.67 | 10.12 | 8 28                           | 14 41                           | 20 54                           |
| 30  |    | -4.3              | 11 30 44.912  | +03 19 15.67    | 0.816169               | 10.77 | 10.22 | 8 29                           | 14 41                           | 20 53                           |
| 31  |    | -4.3              | 11 34 27.722  | +02 49 55.85    | 0.808167               | 10.88 | 10.32 | 8 30                           | 14 41                           | 20 51                           |
| 8 1 |    | -4.3              | 11 38 09.202  | +02 20 34.12    | 0.800161               | 10.99 | 10.43 | 8 31                           | 14 41                           | 20 49                           |
| 2   |    | -4.3              | 11 41 49.360  | +01 51 11.08    | 0.792153               | 11.10 | 10.53 | 8 32                           | 14 40                           | 20 48                           |
| 3   |    | -4.3              | 11 45 28.200  | +01 21 47.32    | 0.784143               | 11.21 | 10.64 | 8 33                           | 14 40                           | 20 46                           |
| 4   |    | -4.3              | 11 49 05.731  | +00 52 23.44    | 0.776132               | 11.33 | 10.75 | 8 34                           | 14 40                           | 20 44                           |
| 5   |    | -4.3              | 11 52 41.956  | +00 23 00.00    | 0.768121               | 11.45 | 10.86 | 8 36                           | 14 39                           | 20 43                           |
| 6   |    | -4.3              | 11 56 16.879  | -00 06 22.39    | 0.760110               | 11.57 | 10.98 | 8 37                           | 14 39                           | 20 41                           |
| 7   |    | -4.3              | 11 59 50.500  | -00 35 43.16    | 0.752100               | 11.69 | 11.09 | 8 38                           | 14 39                           | 20 39                           |
| 8   |    | -4.4              | 12 03 22.818  | -01 05 01.70    | 0.744091               | 11.82 | 11.21 | 8 39                           | 14 38                           | 20 37                           |
| 9   |    | -4.4              | 12 06 53.826  | -01 34 17.42    | 0.736085               | 11.95 | 11.34 | 8 40                           | 14 38                           | 20 35                           |
| 10  |    | -4.4              | 12 10 23.514  | -02 03 29.68    | 0.728081               | 12.08 | 11.46 | 8 40                           | 14 37                           | 20 34                           |
| 11  |    | -4.4              | 12 13 51.867  | -02 32 37.85    | 0.720081               | 12.21 | 11.59 | 8 41                           | 14 37                           | 20 32                           |
| 12  |    | -4.4              | 12 17 18.867  | -03 01 41.27    | 0.712083               | 12.35 | 11.72 | 8 42                           | 14 36                           | 20 30                           |
| 13  |    | -4.4              | 12 20 44.492  | -03 30 39.29    | 0.704090               | 12.49 | 11.85 | 8 43                           | 14 36                           | 20 28                           |
| 14  |    | -4.4              | 12 24 08.720  | -03 59 31.24    | 0.696101               | 12.63 | 11.99 | 8 44                           | 14 35                           | 20 26                           |
| 15  | 東方 | -4.4              | 12 27 31.522  | -04 28 16.45    | 0.688118               | 12.78 | 12.13 | 8 45                           | 14 35                           | 20 24                           |
| 16  |    | -4.4              | 12 30 52.869  | -04 56 54.26    | 0.680141               | 12.93 | 12.27 | 8 46                           | 14 34                           | 20 22                           |
| 17  |    | -4.5              | 12 34 12.728  | -05 25 24.00    | 0.672171               | 13.08 | 12.41 | 8 46                           | 14 34                           | 20 20                           |
| 18  |    | -4.5              | 12 37 31.060  | -05 53 44.99    | 0.664209               | 13.24 | 12.56 | 8 47                           | 14 33                           | 20 18                           |

西方：西方最大離角，東方：東方最大離角，GB：最大光度

金 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |        |        | 東京, 中央標準時                      |                                 |                                 |
|------|----|--------------|---|-----------------|------------------------|--------|--------|--------------------------------|---------------------------------|---------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差     | 視半径    | 出                              | 南中                              | 入                               |
| 8 18 |    | -4.5         | 12 <sup>h</sup> 37 <sup>m</sup> 31.060 <sup>s</sup> | -05° 53' 44.99" | 0.664209 <sup>au</sup> | 13.24" | 12.56" | 8 <sup>h</sup> 47 <sup>m</sup> | 14 <sup>h</sup> 33 <sup>m</sup> | 20 <sup>h</sup> 18 <sup>m</sup> |
| 19   |    | -4.5         | 12 40 47.825  | -06 21 56.56    | 0.656256               | 13.40  | 12.71  | 8 48                           | 14 32                           | 20 16                           |
| 20   |    | -4.5         | 12 44 02.979  | -06 49 58.02    | 0.648314               | 13.56  | 12.87  | 8 49                           | 14 32                           | 20 14                           |
| 21   |    | -4.5         | 12 47 16.472  | -07 17 48.70    | 0.640384               | 13.73  | 13.03  | 8 49                           | 14 31                           | 20 12                           |
| 22   |    | -4.5         | 12 50 28.253  | -07 45 27.93    | 0.632466               | 13.90  | 13.19  | 8 50                           | 14 30                           | 20 10                           |
| 23   |    | -4.5         | 12 53 38.265  | -08 12 55.00    | 0.624563               | 14.08  | 13.36  | 8 50                           | 14 29                           | 20 8                            |
| 24   |    | -4.5         | 12 56 46.450  | -08 40 09.24    | 0.616676               | 14.26  | 13.53  | 8 51                           | 14 28                           | 20 5                            |
| 25   |    | -4.5         | 12 59 52.742  | -09 07 09.96    | 0.608805               | 14.44  | 13.71  | 8 51                           | 14 28                           | 20 3                            |
| 26   |    | -4.6         | 13 02 57.073  | -09 33 56.47    | 0.600954               | 14.63  | 13.88  | 8 52                           | 14 27                           | 20 1                            |
| 27   |    | -4.6         | 13 05 59.374  | -10 00 28.06    | 0.593122               | 14.83  | 14.07  | 8 52                           | 14 26                           | 19 59                           |
| 28   |    | -4.6         | 13 08 59.567  | -10 26 44.06    | 0.585312               | 15.02  | 14.26  | 8 53                           | 14 25                           | 19 57                           |
| 29   |    | -4.6         | 13 11 57.576  | -10 52 43.76    | 0.577526               | 15.23  | 14.45  | 8 53                           | 14 24                           | 19 54                           |
| 30   |    | -4.6         | 13 14 53.317  | -11 18 26.47    | 0.569765               | 15.43  | 14.64  | 8 53                           | 14 23                           | 19 52                           |
| 31   |    | -4.6         | 13 17 46.703  | -11 43 51.51    | 0.562031               | 15.65  | 14.85  | 8 53                           | 14 22                           | 19 50                           |
| 9 1  |    | -4.6         | 13 20 37.646  | -12 08 58.17    | 0.554325               | 15.86  | 15.05  | 8 54                           | 14 21                           | 19 47                           |
| 2    |    | -4.6         | 13 23 26.047  | -12 33 45.76    | 0.546649               | 16.09  | 15.26  | 8 54                           | 14 20                           | 19 45                           |
| 3    |    | -4.6         | 13 26 11.806  | -12 58 13.54    | 0.539005               | 16.32  | 15.48  | 8 54                           | 14 18                           | 19 42                           |
| 4    |    | -4.7         | 13 28 54.812  | -13 22 20.77    | 0.531395               | 16.55  | 15.70  | 8 54                           | 14 17                           | 19 40                           |
| 5    |    | -4.7         | 13 31 34.947  | -13 46 06.68    | 0.523820               | 16.79  | 15.93  | 8 54                           | 14 16                           | 19 38                           |
| 6    |    | -4.7         | 13 34 12.085  | -14 09 30.45    | 0.516282               | 17.03  | 16.16  | 8 54                           | 14 15                           | 19 35                           |
| 7    |    | -4.7         | 13 36 46.091  | -14 32 31.24    | 0.508783               | 17.28  | 16.40  | 8 53                           | 14 13                           | 19 32                           |
| 8    |    | -4.7         | 13 39 16.821  | -14 55 08.16    | 0.501324               | 17.54  | 16.64  | 8 53                           | 14 12                           | 19 30                           |
| 9    |    | -4.7         | 13 41 44.121  | -15 17 20.26    | 0.493907               | 17.81  | 16.89  | 8 53                           | 14 10                           | 19 27                           |
| 10   |    | -4.7         | 13 44 07.829  | -15 39 06.57    | 0.486534               | 18.08  | 17.15  | 8 52                           | 14 9                            | 19 24                           |
| 11   |    | -4.7         | 13 46 27.772  | -16 00 26.06    | 0.479208               | 18.35  | 17.41  | 8 52                           | 14 7                            | 19 22                           |
| 12   |    | -4.7         | 13 48 43.770  | -16 21 17.67    | 0.471931               | 18.63  | 17.68  | 8 51                           | 14 5                            | 19 19                           |
| 13   |    | -4.7         | 13 50 55.631  | -16 41 40.28    | 0.464705               | 18.92  | 17.96  | 8 51                           | 14 4                            | 19 16                           |
| 14   |    | -4.8         | 13 53 03.153  | -17 01 32.71    | 0.457533               | 19.22  | 18.24  | 8 50                           | 14 2                            | 19 13                           |
| 15   |    | -4.8         | 13 55 06.126  | -17 20 53.74    | 0.450418               | 19.52  | 18.53  | 8 49                           | 14 0                            | 19 10                           |
| 16   |    | -4.8         | 13 57 04.331  | -17 39 42.09    | 0.443363               | 19.84  | 18.82  | 8 48                           | 13 58                           | 19 7                            |
| 17   |    | -4.8         | 13 58 57.542  | -17 57 56.42    | 0.436372               | 20.15  | 19.12  | 8 47                           | 13 56                           | 19 4                            |
| 18   |    | -4.8         | 14 00 45.523  | -18 15 35.32    | 0.429448               | 20.48  | 19.43  | 8 46                           | 13 54                           | 19 1                            |
| 19   | GB | -4.8         | 14 02 28.035  | -18 32 37.30    | 0.422596               | 20.81  | 19.75  | 8 44                           | 13 51                           | 18 58                           |
| 20   |    | -4.8         | 14 04 04.831  | -18 49 00.83    | 0.415818               | 21.15  | 20.07  | 8 43                           | 13 49                           | 18 55                           |
| 21   |    | -4.8         | 14 05 35.661  | -19 04 44.28    | 0.409120               | 21.50  | 20.40  | 8 41                           | 13 47                           | 18 51                           |
| 22   |    | -4.8         | 14 07 00.270  | -19 19 45.94    | 0.402506               | 21.85  | 20.73  | 8 40                           | 13 44                           | 18 48                           |
| 23   |    | -4.8         | 14 08 18.402  | -19 34 04.02    | 0.395981               | 22.21  | 21.07  | 8 38                           | 13 41                           | 18 45                           |
| 24   |    | -4.8         | 14 09 29.803  | -19 47 36.65    | 0.389550               | 22.58  | 21.42  | 8 36                           | 13 39                           | 18 41                           |
| 25   |    | -4.8         | 14 10 34.220  | -20 00 21.88    | 0.383218               | 22.95  | 21.77  | 8 34                           | 13 36                           | 18 37                           |
| 26   |    | -4.8         | 14 11 31.404  | -20 12 17.68    | 0.376991               | 23.33  | 22.13  | 8 31                           | 13 33                           | 18 34                           |
| 27   |    | -4.8         | 14 12 21.117  | -20 23 21.94    | 0.370874               | 23.71  | 22.50  | 8 29                           | 13 30                           | 18 30                           |
| 28   |    | -4.8         | 14 13 03.130  | -20 33 32.48    | 0.364874               | 24.10  | 22.87  | 8 26                           | 13 26                           | 18 26                           |
| 29   |    | -4.8         | 14 13 37.226  | -20 42 47.04    | 0.358997               | 24.50  | 23.24  | 8 23                           | 13 23                           | 18 22                           |
| 30   |    | -4.8         | 14 14 03.204  | -20 51 03.30    | 0.353249               | 24.90  | 23.62  | 8 20                           | 13 19                           | 18 18                           |
| 10 1 |    | -4.8         | 14 14 20.881  | -20 58 18.86    | 0.347636               | 25.30  | 24.00  | 8 17                           | 13 16                           | 18 14                           |
| 2    | 留  | -4.8         | 14 14 30.092  | -21 04 31.28    | 0.342166               | 25.70  | 24.39  | 8 14                           | 13 12                           | 18 10                           |
| 3    |    | -4.7         | 14 14 30.698  | -21 09 38.03    | 0.336846               | 26.11  | 24.77  | 8 10                           | 13 8                            | 18 6                            |

西方：西方最大離角，東方：東方最大離角，GB：最大光度

金星 令和8年 2026

| 月日   | 状況   | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>     |        |        | 東京, 中央標準時                      |                                |                                |
|------|------|-------------------|---|-----------------|------------------------|--------|--------|--------------------------------|--------------------------------|--------------------------------|
|      |      | 等級                | 視赤経   | 視赤緯             | 距離                     | 視差     | 視半径    | 出                              | 南中                             | 入                              |
| 10 3 | 内合   | -4.7 <sup>等</sup> | 14 <sup>h</sup> 14 <sup>m</sup> 30.698 <sup>s</sup> | -21° 09' 38.03" | 0.336846 <sup>au</sup> | 26.11" | 24.77" | 8 <sup>h</sup> 10 <sup>m</sup> | 13 <sup>h</sup> 8 <sup>m</sup> | 18 <sup>h</sup> 6 <sup>m</sup> |
| 4    |      | -4.7              | 14 14 22.586  | -21 13 36.56    | 0.331681               | 26.51  | 25.16  | 8 6                            | 13 4                           | 18 1                           |
| 5    |      | -4.7              | 14 14 05.673  | -21 16 24.31    | 0.326680               | 26.92  | 25.54  | 8 2                            | 13 0                           | 17 57                          |
| 6    |      | -4.7              | 14 13 39.915  | -21 17 58.73    | 0.321850               | 27.32  | 25.93  | 7 58                           | 12 55                          | 17 53                          |
| 7    |      | -4.6              | 14 13 05.306  | -21 18 17.31    | 0.317199               | 27.72  | 26.31  | 7 54                           | 12 51                          | 17 48                          |
| 8    |      | -4.6              | 14 12 21.888  | -21 17 17.65    | 0.312733               | 28.12  | 26.68  | 7 49                           | 12 46                          | 17 43                          |
| 9    |      | -4.6              | 14 11 29.753  | -21 14 57.50    | 0.308461               | 28.51  | 27.05  | 7 44                           | 12 41                          | 17 39                          |
| 10   |      | -4.5              | 14 10 29.048  | -21 11 14.80    | 0.304391               | 28.89  | 27.41  | 7 39                           | 12 36                          | 17 34                          |
| 11   |      | -4.5              | 14 09 19.979  | -21 06 07.75    | 0.300531               | 29.26  | 27.76  | 7 33                           | 12 31                          | 17 29                          |
| 12   |      | -4.5              | 14 08 02.818  | -20 59 34.89    | 0.296890               | 29.62  | 28.11  | 7 28                           | 12 26                          | 17 24                          |
| 13   |      | -4.4              | 14 06 37.906  | -20 51 35.18    | 0.293475               | 29.97  | 28.43  | 7 22                           | 12 21                          | 17 19                          |
| 14   |      | -4.4              | 14 05 05.652  | -20 42 08.02    | 0.290295               | 30.29  | 28.74  | 7 16                           | 12 15                          | 17 14                          |
| 15   |      | -4.3              | 14 03 26.541  | -20 31 13.41    | 0.287357               | 30.60  | 29.04  | 7 10                           | 12 10                          | 17 9                           |
| 16   |      | -4.2              | 14 01 41.128  | -20 18 51.92    | 0.284670               | 30.89  | 29.31  | 7 4                            | 12 4                           | 17 4                           |
| 17   |      | -4.2              | 13 59 50.040  | -20 05 04.85    | 0.282241               | 31.16  | 29.56  | 6 57                           | 11 58                          | 16 59                          |
| 18   |      | -4.1              | 13 57 53.970  | -19 49 54.21    | 0.280077               | 31.40  | 29.79  | 6 50                           | 11 52                          | 16 54                          |
| 19   |      | -4.1              | 13 55 53.675  | -19 33 22.83    | 0.278184               | 31.61  | 30.00  | 6 44                           | 11 46                          | 16 49                          |
| 20   |      | -4.2              | 13 53 49.966  | -19 15 34.30    | 0.276568               | 31.80  | 30.17  | 6 37                           | 11 40                          | 16 44                          |
| 21   |      | -4.2              | 13 51 43.699  | -18 56 33.07    | 0.275234               | 31.95  | 30.32  | 6 30                           | 11 34                          | 16 39                          |
| 22   |      | -4.2              | 13 49 35.769  | -18 36 24.36    | 0.274188               | 32.07  | 30.43  | 6 22                           | 11 28                          | 16 34                          |
| 23   |      | -4.2              | 13 47 27.098  | -18 15 14.18    | 0.273431               | 32.16  | 30.52  | 6 15                           | 11 22                          | 16 30                          |
| 24   |      | -4.2              | 13 45 18.621  | -17 53 09.25    | 0.272968               | 32.22  | 30.57  | 6 8                            | 11 16                          | 16 25                          |
| 25   |      | -4.2              | 13 43 11.278  | -17 30 16.94    | 0.272799               | 32.24  | 30.59  | 6 1                            | 11 10                          | 16 20                          |
| 26   |      | -4.2              | 13 41 05.997  | -17 06 45.15    | 0.272926               | 32.22  | 30.57  | 5 54                           | 11 4                           | 16 15                          |
| 27   |      | -4.2              | 13 39 03.683  | -16 42 42.21    | 0.273347               | 32.17  | 30.53  | 5 46                           | 10 58                          | 16 10                          |
| 28   |      | -4.3              | 13 37 05.204  | -16 18 16.72    | 0.274061               | 32.09  | 30.45  | 5 39                           | 10 52                          | 16 6                           |
| 29   |      | -4.2              | 13 35 11.378  | -15 53 37.40    | 0.275066               | 31.97  | 30.34  | 5 32                           | 10 46                          | 16 1                           |
| 30   |      | -4.2              | 13 33 22.963  | -15 28 52.97    | 0.276357               | 31.82  | 30.19  | 5 25                           | 10 41                          | 15 57                          |
| 31   |      | -4.1              | 13 31 40.651  | -15 04 11.97    | 0.277931               | 31.64  | 30.02  | 5 18                           | 10 35                          | 15 53                          |
| 11 1 |      | -4.2              | 13 30 05.060  | -14 39 42.66    | 0.279781               | 31.43  | 29.82  | 5 11                           | 10 30                          | 15 48                          |
| 2    |      | -4.2              | 13 28 36.734  | -14 15 32.92    | 0.281902               | 31.20  | 29.60  | 5 5                            | 10 24                          | 15 44                          |
| 3    | -4.3 | 13 27 16.140      | -13 51 50.15  | 0.284286        | 30.93                  | 29.35  | 4 58   | 10 19                          | 15 40                          |                                |
| 4    | -4.4 | 13 26 03.670      | -13 28 41.20  | 0.286927        | 30.65                  | 29.08  | 4 52   | 10 14                          | 15 36                          |                                |
| 5    | -4.4 | 13 24 59.645      | -13 06 12.36  | 0.289816        | 30.34                  | 28.79  | 4 46   | 10 9                           | 15 33                          |                                |
| 6    | -4.5 | 13 24 04.314      | -12 44 29.27  | 0.292946        | 30.02                  | 28.48  | 4 40   | 10 4                           | 15 29                          |                                |
| 7    | -4.5 | 13 23 17.863      | -12 23 36.94  | 0.296308        | 29.68                  | 28.16  | 4 34   | 9 59                           | 15 25                          |                                |
| 8    | -4.6 | 13 22 40.416      | -12 03 39.74  | 0.299895        | 29.32                  | 27.82  | 4 28   | 9 55                           | 15 22                          |                                |
| 9    | -4.6 | 13 22 12.043      | -11 44 41.41  | 0.303697        | 28.96                  | 27.48  | 4 23   | 9 50                           | 15 18                          |                                |
| 10   | -4.7 | 13 21 52.765      | -11 26 45.08  | 0.307707        | 28.58                  | 27.12  | 4 18   | 9 46                           | 15 15                          |                                |
| 11   | -4.7 | 13 21 42.557      | -11 09 53.27  | 0.311915        | 28.19                  | 26.75  | 4 13   | 9 42                           | 15 12                          |                                |
| 12   | 留    | -4.7              | 13 21 41.357  | -10 54 07.99    | 0.316315               | 27.80  | 26.38  | 4 8                            | 9 38                           | 15 9                           |
| 13   |      | -4.8              | 13 21 49.070  | -10 39 30.70    | 0.320897               | 27.40  | 26.00  | 4 3                            | 9 34                           | 15 5                           |
| 14   |      | -4.8              | 13 22 05.571  | -10 26 02.43    | 0.325654               | 27.00  | 25.62  | 3 59                           | 9 31                           | 15 2                           |
| 15   |      | -4.8              | 13 22 30.713  | -10 13 43.74    | 0.330577               | 26.60  | 25.24  | 3 55                           | 9 27                           | 15 0                           |
| 16   |      | -4.8              | 13 23 04.329  | -10 02 34.84    | 0.335660               | 26.20  | 24.86  | 3 51                           | 9 24                           | 14 57                          |
| 17   |      | -4.8              | 13 23 46.236  | -09 52 35.56    | 0.340895               | 25.80  | 24.48  | 3 47                           | 9 20                           | 14 54                          |
| 18   |      | -4.9              | 13 24 36.237  | -09 43 45.45    | 0.346275               | 25.40  | 24.10  | 3 44                           | 9 17                           | 14 51                          |

西方：西方最大離角，東方：東方最大離角，GB：最大光度

金 星 令和 8 年 2026

| 月 日   | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |        |        | 東京, 中央標準時                      |                                |                                 |
|-------|----|--------------|---|-----------------|------------------------|--------|--------|--------------------------------|--------------------------------|---------------------------------|
|       |    | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差     | 視半径    | 出                              | 南中                             | 入                               |
| 11 18 |    | -4.9         | 13 <sup>h</sup> 24 <sup>m</sup> 36.237 <sup>s</sup> | -09° 43' 45.45" | 0.346275 <sup>au</sup> | 25.40" | 24.10" | 3 <sup>h</sup> 44 <sup>m</sup> | 9 <sup>h</sup> 17 <sup>m</sup> | 14 <sup>h</sup> 51 <sup>m</sup> |
| 19    |    | -4.9         | 13 25 34.131  | -09 36 03.79    | 0.351792               | 25.00  | 23.72  | 3 40                           | 9 14                           | 14 49                           |
| 20    |    | -4.9         | 13 26 39.705  | -09 29 29.63    | 0.357441               | 24.60  | 23.34  | 3 37                           | 9 12                           | 14 46                           |
| 21    |    | -4.9         | 13 27 52.748  | -09 24 01.81    | 0.363214               | 24.21  | 22.97  | 3 34                           | 9 9                            | 14 44                           |
| 22    |    | -4.9         | 13 29 13.046  | -09 19 39.03    | 0.369106               | 23.83  | 22.61  | 3 31                           | 9 6                            | 14 42                           |
| 23    |    | -4.9         | 13 30 40.384  | -09 16 19.83    | 0.375110               | 23.44  | 22.24  | 3 28                           | 9 4                            | 14 39                           |
| 24    |    | -4.9         | 13 32 14.549  | -09 14 02.64    | 0.381220               | 23.07  | 21.89  | 3 26                           | 9 1                            | 14 37                           |
| 25    |    | -4.9         | 13 33 55.328  | -09 12 45.77    | 0.387431               | 22.70  | 21.54  | 3 23                           | 8 59                           | 14 35                           |
| 26    |    | -4.9         | 13 35 42.507  | -09 12 27.41    | 0.393738               | 22.34  | 21.19  | 3 21                           | 8 57                           | 14 33                           |
| 27    |    | -4.9         | 13 37 35.874  | -09 13 05.66    | 0.400133               | 21.98  | 20.85  | 3 19                           | 8 55                           | 14 31                           |
| 28    |    | -4.9         | 13 39 35.216  | -09 14 38.54    | 0.406614               | 21.63  | 20.52  | 3 17                           | 8 53                           | 14 29                           |
| 29    |    | -4.9         | 13 41 40.325  | -09 17 04.03    | 0.413173               | 21.28  | 20.20  | 3 16                           | 8 51                           | 14 27                           |
| 30    | GB | -4.9         | 13 43 50.995  | -09 20 20.04    | 0.419807               | 20.95  | 19.88  | 3 14                           | 8 49                           | 14 25                           |
| 12 1  |    | -4.9         | 13 46 07.027  | -09 24 24.48    | 0.426511               | 20.62  | 19.56  | 3 12                           | 8 48                           | 14 23                           |
| 2     |    | -4.9         | 13 48 28.227  | -09 29 15.28    | 0.433281               | 20.30  | 19.26  | 3 11                           | 8 46                           | 14 21                           |
| 3     |    | -4.9         | 13 50 54.408  | -09 34 50.35    | 0.440112               | 19.98  | 18.96  | 3 10                           | 8 45                           | 14 19                           |
| 4     |    | -4.9         | 13 53 25.390  | -09 41 07.64    | 0.447001               | 19.67  | 18.67  | 3 9                            | 8 43                           | 14 18                           |
| 5     |    | -4.8         | 13 56 01.001  | -09 48 05.12    | 0.453944               | 19.37  | 18.38  | 3 8                            | 8 42                           | 14 16                           |
| 6     |    | -4.8         | 13 58 41.073  | -09 55 40.79    | 0.460939               | 19.08  | 18.10  | 3 7                            | 8 41                           | 14 14                           |
| 7     |    | -4.8         | 14 01 25.450  | -10 03 52.69    | 0.467981               | 18.79  | 17.83  | 3 6                            | 8 39                           | 14 13                           |
| 8     |    | -4.8         | 14 04 13.982  | -10 12 38.90    | 0.475068               | 18.51  | 17.56  | 3 5                            | 8 38                           | 14 11                           |
| 9     |    | -4.8         | 14 07 06.524  | -10 21 57.51    | 0.482198               | 18.24  | 17.30  | 3 5                            | 8 37                           | 14 10                           |
| 10    |    | -4.8         | 14 10 02.943  | -10 31 46.69    | 0.489368               | 17.97  | 17.05  | 3 4                            | 8 36                           | 14 8                            |
| 11    |    | -4.8         | 14 13 03.110  | -10 42 04.61    | 0.496576               | 17.71  | 16.80  | 3 4                            | 8 35                           | 14 7                            |
| 12    |    | -4.8         | 14 16 06.906  | -10 52 49.52    | 0.503818               | 17.45  | 16.56  | 3 3                            | 8 34                           | 14 5                            |
| 13    |    | -4.8         | 14 19 14.218  | -11 03 59.67    | 0.511094               | 17.21  | 16.33  | 3 3                            | 8 33                           | 14 4                            |
| 14    |    | -4.8         | 14 22 24.939  | -11 15 33.39    | 0.518402               | 16.96  | 16.10  | 3 3                            | 8 33                           | 14 3                            |
| 15    |    | -4.8         | 14 25 38.973  | -11 27 29.01    | 0.525739               | 16.73  | 15.87  | 3 3                            | 8 32                           | 14 1                            |
| 16    |    | -4.7         | 14 28 56.226  | -11 39 44.93    | 0.533103               | 16.50  | 15.65  | 3 2                            | 8 31                           | 14 0                            |
| 17    |    | -4.7         | 14 32 16.613  | -11 52 19.56    | 0.540494               | 16.27  | 15.44  | 3 2                            | 8 31                           | 13 59                           |
| 18    |    | -4.7         | 14 35 40.055  | -12 05 11.38    | 0.547909               | 16.05  | 15.23  | 3 3                            | 8 30                           | 13 58                           |
| 19    |    | -4.7         | 14 39 06.480  | -12 18 18.87    | 0.555346               | 15.84  | 15.03  | 3 3                            | 8 30                           | 13 56                           |
| 20    |    | -4.7         | 14 42 35.819  | -12 31 40.57    | 0.562806               | 15.63  | 14.83  | 3 3                            | 8 29                           | 13 55                           |
| 21    |    | -4.7         | 14 46 08.010  | -12 45 15.05    | 0.570285               | 15.42  | 14.63  | 3 3                            | 8 29                           | 13 54                           |
| 22    |    | -4.7         | 14 49 42.995  | -12 59 00.90    | 0.577782               | 15.22  | 14.44  | 3 4                            | 8 28                           | 13 53                           |
| 23    |    | -4.7         | 14 53 20.718  | -13 12 56.71    | 0.585297               | 15.03  | 14.26  | 3 4                            | 8 28                           | 13 52                           |
| 24    |    | -4.7         | 14 57 01.125  | -13 27 01.10    | 0.592826               | 14.83  | 14.08  | 3 4                            | 8 28                           | 13 51                           |
| 25    |    | -4.6         | 15 00 44.162  | -13 41 12.70    | 0.600370               | 14.65  | 13.90  | 3 5                            | 8 28                           | 13 50                           |
| 26    |    | -4.6         | 15 04 29.778  | -13 55 30.10    | 0.607926               | 14.47  | 13.73  | 3 5                            | 8 27                           | 13 49                           |
| 27    |    | -4.6         | 15 08 17.920  | -14 09 51.94    | 0.615492               | 14.29  | 13.56  | 3 6                            | 8 27                           | 13 48                           |
| 28    |    | -4.6         | 15 12 08.541  | -14 24 16.86    | 0.623067               | 14.11  | 13.39  | 3 7                            | 8 27                           | 13 48                           |
| 29    |    | -4.6         | 15 16 01.591  | -14 38 43.51    | 0.630650               | 13.94  | 13.23  | 3 7                            | 8 27                           | 13 47                           |
| 30    |    | -4.6         | 15 19 57.022  | -14 53 10.59    | 0.638238               | 13.78  | 13.07  | 3 8                            | 8 27                           | 13 46                           |
| 31    |    | -4.6         | 15 23 54.790  | -15 07 36.82    | 0.645832               | 13.62  | 12.92  | 3 9                            | 8 27                           | 13 45                           |
| 32    |    | -4.6         | 15 27 54.846  | -15 22 00.93    | 0.653429               | 13.46  | 12.77  | 3 10                           | 8 27                           | 13 45                           |
| 33    |    | -4.6         | 15 31 57.145  | -15 36 21.70    | 0.661028               | 13.30  | 12.62  | 3 10                           | 8 27                           | 13 44                           |
| 34    |    | -4.5         | 15 36 01.644  | -15 50 37.93    | 0.668629               | 13.15  | 12.48  | 3 11                           | 8 27                           | 13 43                           |

西方：西方最大離角，東方：東方最大離角，GB：最大光度

火 星      令和 8 年      2026

| 月 日 | 状況   | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                     |                                 |                                 |
|-----|------|--------------|---|-----------------|------------------------|-------|-------|-------------------------------|---------------------------------|---------------------------------|
|     |      | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                             | 南中                              | 入                               |
| 1 0 | 合    | +1.1         | 18 <sup>h</sup> 52 <sup>m</sup> 10.825 <sup>s</sup> | -23° 47' 05.08" | 2.411456 <sup>au</sup> | 3.65" | 1.94" | 7 <sup>h</sup> 5 <sup>m</sup> | 11 <sup>h</sup> 54 <sup>m</sup> | 16 <sup>h</sup> 44 <sup>m</sup> |
| 1   |      | +1.1         | 18 55 30.950  | -23 43 12.22    | 2.410680               | 3.65  | 1.94  | 7 4                           | 11 54                           | 16 44                           |
| 2   |      | +1.1         | 18 58 51.047  | -23 39 03.37    | 2.409885               | 3.65  | 1.94  | 7 3                           | 11 53                           | 16 43                           |
| 3   |      | +1.1         | 19 02 11.100  | -23 34 38.57    | 2.409074               | 3.65  | 1.94  | 7 2                           | 11 53                           | 16 43                           |
| 4   |      | +1.1         | 19 05 31.094  | -23 29 57.87    | 2.408245               | 3.65  | 1.94  | 7 2                           | 11 52                           | 16 43                           |
| 5   |      | +1.1         | 19 08 51.014  | -23 25 01.28    | 2.407399               | 3.65  | 1.95  | 7 1                           | 11 51                           | 16 42                           |
| 6   |      | +1.1         | 19 12 10.845  | -23 19 48.85    | 2.406537               | 3.65  | 1.95  | 7 0                           | 11 51                           | 16 42                           |
| 7   |      | +1.1         | 19 15 30.575  | -23 14 20.61    | 2.405658               | 3.66  | 1.95  | 6 59                          | 11 50                           | 16 42                           |
| 8   |      | +1.1         | 19 18 50.192  | -23 08 36.59    | 2.404763               | 3.66  | 1.95  | 6 58                          | 11 50                           | 16 41                           |
| 9   |      | +1.1         | 19 22 09.683  | -23 02 36.82    | 2.403852               | 3.66  | 1.95  | 6 57                          | 11 49                           | 16 41                           |
| 10  |      | +1.1         | 19 25 29.038  | -22 56 21.35    | 2.402925               | 3.66  | 1.95  | 6 56                          | 11 48                           | 16 41                           |
| 11  |      | +1.1         | 19 28 48.247  | -22 49 50.24    | 2.401981               | 3.66  | 1.95  | 6 55                          | 11 48                           | 16 41                           |
| 12  |      | +1.1         | 19 32 07.298  | -22 43 03.59    | 2.401021               | 3.66  | 1.95  | 6 54                          | 11 47                           | 16 40                           |
| 13  |      | +1.1         | 19 35 26.177  | -22 36 01.51    | 2.400045               | 3.66  | 1.95  | 6 53                          | 11 46                           | 16 40                           |
| 14  |      | +1.1         | 19 38 44.872  | -22 28 44.09    | 2.399053               | 3.67  | 1.95  | 6 52                          | 11 46                           | 16 40                           |
| 15  |      | +1.1         | 19 42 03.367  | -22 21 11.43    | 2.398045               | 3.67  | 1.95  | 6 51                          | 11 45                           | 16 40                           |
| 16  |      | +1.1         | 19 45 21.648  | -22 13 23.64    | 2.397022               | 3.67  | 1.95  | 6 50                          | 11 45                           | 16 40                           |
| 17  |      | +1.1         | 19 48 39.702  | -22 05 20.81    | 2.395983               | 3.67  | 1.95  | 6 49                          | 11 44                           | 16 39                           |
| 18  |      | +1.1         | 19 51 57.514  | -21 57 03.07    | 2.394928               | 3.67  | 1.96  | 6 47                          | 11 43                           | 16 39                           |
| 19  |      | +1.1         | 19 55 15.070  | -21 48 30.52    | 2.393859               | 3.67  | 1.96  | 6 46                          | 11 43                           | 16 39                           |
| 20  |      | +1.1         | 19 58 32.356  | -21 39 43.29    | 2.392774               | 3.68  | 1.96  | 6 45                          | 11 42                           | 16 39                           |
| 21  |      | +1.1         | 20 01 49.360  | -21 30 41.49    | 2.391675               | 3.68  | 1.96  | 6 44                          | 11 41                           | 16 39                           |
| 22  |      | +1.1         | 20 05 06.070  | -21 21 25.24    | 2.390562               | 3.68  | 1.96  | 6 43                          | 11 41                           | 16 39                           |
| 23  |      | +1.1         | 20 08 22.475  | -21 11 54.67    | 2.389435               | 3.68  | 1.96  | 6 42                          | 11 40                           | 16 39                           |
| 24  |      | +1.1         | 20 11 38.566  | -21 02 09.91    | 2.388295               | 3.68  | 1.96  | 6 40                          | 11 39                           | 16 38                           |
| 25  |      | +1.1         | 20 14 54.335  | -20 52 11.09    | 2.387142               | 3.68  | 1.96  | 6 39                          | 11 39                           | 16 38                           |
| 26  |      | +1.1         | 20 18 09.774  | -20 41 58.36    | 2.385977               | 3.69  | 1.96  | 6 38                          | 11 38                           | 16 38                           |
| 27  |      | +1.1         | 20 21 24.877  | -20 31 31.86    | 2.384801               | 3.69  | 1.96  | 6 37                          | 11 37                           | 16 38                           |
| 28  |      | +1.1         | 20 24 39.636  | -20 20 51.74    | 2.383613               | 3.69  | 1.96  | 6 35                          | 11 37                           | 16 38                           |
| 29  |      | +1.1         | 20 27 54.044  | -20 09 58.18    | 2.382416               | 3.69  | 1.97  | 6 34                          | 11 36                           | 16 38                           |
| 30  |      | +1.1         | 20 31 08.094  | -19 58 51.34    | 2.381209               | 3.69  | 1.97  | 6 33                          | 11 35                           | 16 38                           |
| 31  | +1.1 | 20 34 21.779 | -19 47 31.36  | 2.379993        | 3.70                   | 1.97  | 6 31  | 11 34                         | 16 38                           |                                 |
| 2 1 | +1.1 | 20 37 35.091 | -19 35 58.40  | 2.378768        | 3.70                   | 1.97  | 6 30  | 11 34                         | 16 38                           |                                 |
| 2   | +1.1 | 20 40 48.026 | -19 24 12.61  | 2.377535        | 3.70                   | 1.97  | 6 29  | 11 33                         | 16 38                           |                                 |
| 3   | +1.1 | 20 44 00.579 | -19 12 14.14  | 2.376294        | 3.70                   | 1.97  | 6 27  | 11 32                         | 16 38                           |                                 |
| 4   | +1.1 | 20 47 12.748 | -19 00 03.12  | 2.375045        | 3.70                   | 1.97  | 6 26  | 11 31                         | 16 37                           |                                 |
| 5   | +1.1 | 20 50 24.532 | -18 47 39.69  | 2.373787        | 3.70                   | 1.97  | 6 24  | 11 31                         | 16 37                           |                                 |
| 6   | +1.1 | 20 53 35.929 | -18 35 04.02  | 2.372522        | 3.71                   | 1.97  | 6 23  | 11 30                         | 16 37                           |                                 |
| 7   | +1.1 | 20 56 46.938 | -18 22 16.28  | 2.371249        | 3.71                   | 1.97  | 6 21  | 11 29                         | 16 37                           |                                 |
| 8   | +1.1 | 20 59 57.557 | -18 09 16.62  | 2.369968        | 3.71                   | 1.98  | 6 20  | 11 28                         | 16 37                           |                                 |
| 9   | +1.1 | 21 03 07.783 | -17 56 05.22  | 2.368680        | 3.71                   | 1.98  | 6 19  | 11 28                         | 16 37                           |                                 |
| 10  | +1.1 | 21 06 17.615 | -17 42 42.28  | 2.367382        | 3.71                   | 1.98  | 6 17  | 11 27                         | 16 37                           |                                 |
| 11  | +1.1 | 21 09 27.048 | -17 29 07.97  | 2.366077        | 3.72                   | 1.98  | 6 16  | 11 26                         | 16 37                           |                                 |
| 12  | +1.1 | 21 12 36.080 | -17 15 22.49  | 2.364764        | 3.72                   | 1.98  | 6 14  | 11 25                         | 16 37                           |                                 |
| 13  | +1.1 | 21 15 44.708 | -17 01 26.03  | 2.363443        | 3.72                   | 1.98  | 6 12  | 11 25                         | 16 37                           |                                 |
| 14  | +1.1 | 21 18 52.929 | -16 47 18.79  | 2.362113        | 3.72                   | 1.98  | 6 11  | 11 24                         | 16 37                           |                                 |
| 15  | +1.1 | 21 22 00.739 | -16 33 00.97  | 2.360775        | 3.73                   | 1.98  | 6 9   | 11 23                         | 16 37                           |                                 |

最近：地球最近

火 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                     |                                 |                                 |
|------|----|--------------|---|-----------------|------------------------|-------|-------|-------------------------------|---------------------------------|---------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                             | 南中                              | 入                               |
| 2 15 |    | +1.1         | 21 <sup>h</sup> 22 <sup>m</sup> 00.739 <sup>s</sup> | -16° 33' 00.97" | 2.360775 <sup>au</sup> | 3.73" | 1.98" | 6 <sup>h</sup> 9 <sup>m</sup> | 11 <sup>h</sup> 23 <sup>m</sup> | 16 <sup>h</sup> 37 <sup>m</sup> |
| 16   |    | +1.1         | 21 25 08.135  | -16 18 32.76    | 2.359429               | 3.73  | 1.98  | 6 8                           | 11 22                           | 16 37                           |
| 17   |    | +1.1         | 21 28 15.114  | -16 03 54.36    | 2.358075               | 3.73  | 1.99  | 6 6                           | 11 21                           | 16 37                           |
| 18   |    | +1.1         | 21 31 21.675  | -15 49 05.99    | 2.356714               | 3.73  | 1.99  | 6 5                           | 11 20                           | 16 37                           |
| 19   |    | +1.1         | 21 34 27.817  | -15 34 07.82    | 2.355344               | 3.73  | 1.99  | 6 3                           | 11 20                           | 16 37                           |
| 20   |    | +1.1         | 21 37 33.539  | -15 19 00.07    | 2.353967               | 3.74  | 1.99  | 6 1                           | 11 19                           | 16 37                           |
| 21   |    | +1.1         | 21 40 38.844  | -15 03 42.92    | 2.352583               | 3.74  | 1.99  | 6 0                           | 11 18                           | 16 36                           |
| 22   |    | +1.1         | 21 43 43.733  | -14 48 16.59    | 2.351192               | 3.74  | 1.99  | 5 58                          | 11 17                           | 16 36                           |
| 23   |    | +1.1         | 21 46 48.207  | -14 32 41.28    | 2.349795               | 3.74  | 1.99  | 5 56                          | 11 16                           | 16 36                           |
| 24   |    | +1.1         | 21 49 52.270  | -14 16 57.20    | 2.348392               | 3.74  | 1.99  | 5 55                          | 11 15                           | 16 36                           |
| 25   |    | +1.1         | 21 52 55.924  | -14 01 04.56    | 2.346984               | 3.75  | 2.00  | 5 53                          | 11 14                           | 16 36                           |
| 26   |    | +1.1         | 21 55 59.168  | -13 45 03.58    | 2.345570               | 3.75  | 2.00  | 5 51                          | 11 14                           | 16 36                           |
| 27   |    | +1.1         | 21 59 02.006  | -13 28 54.47    | 2.344153               | 3.75  | 2.00  | 5 50                          | 11 13                           | 16 36                           |
| 28   |    | +1.1         | 22 02 04.440  | -13 12 37.42    | 2.342731               | 3.75  | 2.00  | 5 48                          | 11 12                           | 16 36                           |
| 3 1  |    | +1.1         | 22 05 06.472  | -12 56 12.64    | 2.341306               | 3.76  | 2.00  | 5 46                          | 11 11                           | 16 36                           |
| 2    |    | +1.1         | 22 08 08.106  | -12 39 40.31    | 2.339878               | 3.76  | 2.00  | 5 44                          | 11 10                           | 16 36                           |
| 3    |    | +1.1         | 22 11 09.350  | -12 23 00.63    | 2.338446               | 3.76  | 2.00  | 5 43                          | 11 9                            | 16 36                           |
| 4    |    | +1.1         | 22 14 10.210  | -12 06 13.76    | 2.337011               | 3.76  | 2.00  | 5 41                          | 11 8                            | 16 36                           |
| 5    |    | +1.1         | 22 17 10.692  | -11 49 19.89    | 2.335572               | 3.77  | 2.00  | 5 39                          | 11 7                            | 16 36                           |
| 6    |    | +1.1         | 22 20 10.806  | -11 32 19.21    | 2.334131               | 3.77  | 2.01  | 5 37                          | 11 6                            | 16 35                           |
| 7    |    | +1.1         | 22 23 10.557  | -11 15 11.90    | 2.332686               | 3.77  | 2.01  | 5 35                          | 11 5                            | 16 35                           |
| 8    |    | +1.1         | 22 26 09.953  | -10 57 58.18    | 2.331237               | 3.77  | 2.01  | 5 34                          | 11 4                            | 16 35                           |
| 9    |    | +1.1         | 22 29 08.999  | -10 40 38.23    | 2.329784               | 3.77  | 2.01  | 5 32                          | 11 3                            | 16 35                           |
| 10   |    | +1.1         | 22 32 07.701  | -10 23 12.27    | 2.328328               | 3.78  | 2.01  | 5 30                          | 11 2                            | 16 35                           |
| 11   |    | +1.1         | 22 35 06.064  | -10 05 40.50    | 2.326867               | 3.78  | 2.01  | 5 28                          | 11 1                            | 16 35                           |
| 12   |    | +1.1         | 22 38 04.092  | -09 48 03.14    | 2.325402               | 3.78  | 2.01  | 5 26                          | 11 0                            | 16 35                           |
| 13   |    | +1.1         | 22 41 01.791  | -09 30 20.39    | 2.323932               | 3.78  | 2.01  | 5 24                          | 10 59                           | 16 35                           |
| 14   |    | +1.1         | 22 43 59.165  | -09 12 32.48    | 2.322458               | 3.79  | 2.02  | 5 23                          | 10 58                           | 16 35                           |
| 15   |    | +1.2         | 22 46 56.218  | -08 54 39.61    | 2.320978               | 3.79  | 2.02  | 5 21                          | 10 57                           | 16 35                           |
| 16   |    | +1.2         | 22 49 52.954  | -08 36 42.00    | 2.319494               | 3.79  | 2.02  | 5 19                          | 10 56                           | 16 34                           |
| 17   |    | +1.2         | 22 52 49.378  | -08 18 39.87    | 2.318003               | 3.79  | 2.02  | 5 17                          | 10 55                           | 16 34                           |
| 18   |    | +1.2         | 22 55 45.496  | -08 00 33.43    | 2.316508               | 3.80  | 2.02  | 5 15                          | 10 54                           | 16 34                           |
| 19   |    | +1.2         | 22 58 41.312  | -07 42 22.89    | 2.315007               | 3.80  | 2.02  | 5 13                          | 10 53                           | 16 34                           |
| 20   |    | +1.2         | 23 01 36.835  | -07 24 08.45    | 2.313500               | 3.80  | 2.02  | 5 11                          | 10 52                           | 16 34                           |
| 21   |    | +1.2         | 23 04 32.069  | -07 05 50.32    | 2.311987               | 3.80  | 2.03  | 5 9                           | 10 51                           | 16 34                           |
| 22   |    | +1.2         | 23 07 27.024  | -06 47 28.72    | 2.310470               | 3.81  | 2.03  | 5 7                           | 10 50                           | 16 34                           |
| 23   |    | +1.2         | 23 10 21.705  | -06 29 03.85    | 2.308947               | 3.81  | 2.03  | 5 6                           | 10 49                           | 16 34                           |
| 24   |    | +1.2         | 23 13 16.118  | -06 10 35.93    | 2.307419               | 3.81  | 2.03  | 5 4                           | 10 48                           | 16 33                           |
| 25   |    | +1.2         | 23 16 10.269  | -05 52 05.17    | 2.305888               | 3.81  | 2.03  | 5 2                           | 10 47                           | 16 33                           |
| 26   |    | +1.2         | 23 19 04.163  | -05 33 31.79    | 2.304351               | 3.82  | 2.03  | 5 0                           | 10 46                           | 16 33                           |
| 27   |    | +1.2         | 23 21 57.806  | -05 14 55.99    | 2.302812               | 3.82  | 2.03  | 4 58                          | 10 45                           | 16 33                           |
| 28   |    | +1.2         | 23 24 51.205  | -04 56 17.97    | 2.301268               | 3.82  | 2.03  | 4 56                          | 10 44                           | 16 33                           |
| 29   |    | +1.2         | 23 27 44.367  | -04 37 37.92    | 2.299721               | 3.82  | 2.04  | 4 54                          | 10 43                           | 16 33                           |
| 30   |    | +1.2         | 23 30 37.302  | -04 18 56.03    | 2.298171               | 3.83  | 2.04  | 4 52                          | 10 42                           | 16 32                           |
| 31   |    | +1.2         | 23 33 30.019  | -04 00 12.46    | 2.296617               | 3.83  | 2.04  | 4 50                          | 10 41                           | 16 32                           |
| 4 1  |    | +1.2         | 23 36 22.531  | -03 41 27.41    | 2.295060               | 3.83  | 2.04  | 4 48                          | 10 40                           | 16 32                           |
| 2    |    | +1.2         | 23 39 14.846  | -03 22 41.03    | 2.293500               | 3.83  | 2.04  | 4 46                          | 10 39                           | 16 32                           |

最近：地球最近

火 星 令和 8 年 2026

| 月 日 | 状況 | 真春分点にもとづく座標系 |   |                             | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                      |                                 |                                 |
|-----|----|--------------|---|-----------------------------|------------------------|-------|-------|--------------------------------|---------------------------------|---------------------------------|
|     |    | 等級           | 視赤経   | 視赤緯                         | 距離                     | 視差    | 視半径   | 出                              | 南中                              | 入                               |
| 4 2 |    | +1.2         | 23 <sup>h</sup> 39 <sup>m</sup> 14.846 <sup>s</sup> | -03 <sup>o</sup> 22' 41.03" | 2.293500 <sup>au</sup> | 3.83" | 2.04" | 4 <sup>h</sup> 46 <sup>m</sup> | 10 <sup>h</sup> 39 <sup>m</sup> | 16 <sup>h</sup> 32 <sup>m</sup> |
| 3   |    | +1.2         | 23 42 06.976  | -03 03 53.51                | 2.291936               | 3.84  | 2.04  | 4 44                           | 10 38                           | 16 32                           |
| 4   |    | +1.2         | 23 44 58.932  | -02 45 05.02                | 2.290368               | 3.84  | 2.04  | 4 42                           | 10 37                           | 16 32                           |
| 5   |    | +1.2         | 23 47 50.721  | -02 26 15.75                | 2.288796               | 3.84  | 2.05  | 4 40                           | 10 36                           | 16 31                           |
| 6   |    | +1.2         | 23 50 42.353  | -02 07 25.89                | 2.287220               | 3.84  | 2.05  | 4 38                           | 10 34                           | 16 31                           |
| 7   |    | +1.2         | 23 53 33.837  | -01 48 35.62                | 2.285638               | 3.85  | 2.05  | 4 36                           | 10 33                           | 16 31                           |
| 8   |    | +1.2         | 23 56 25.179  | -01 29 45.14                | 2.284052               | 3.85  | 2.05  | 4 34                           | 10 32                           | 16 31                           |
| 9   |    | +1.2         | 23 59 16.387  | -01 10 54.64                | 2.282460               | 3.85  | 2.05  | 4 32                           | 10 31                           | 16 31                           |
| 10  |    | +1.2         | 00 02 07.468  | -00 52 04.33                | 2.280862               | 3.86  | 2.05  | 4 30                           | 10 30                           | 16 31                           |
| 11  |    | +1.2         | 00 04 58.429  | -00 33 14.38                | 2.279257               | 3.86  | 2.05  | 4 28                           | 10 29                           | 16 30                           |
| 12  |    | +1.2         | 00 07 49.276  | -00 14 25.02                | 2.277646               | 3.86  | 2.06  | 4 26                           | 10 28                           | 16 30                           |
| 13  |    | +1.2         | 00 10 40.016  | +00 04 23.57                | 2.276028               | 3.86  | 2.06  | 4 24                           | 10 27                           | 16 30                           |
| 14  |    | +1.2         | 00 13 30.656  | +00 23 11.19                | 2.274402               | 3.87  | 2.06  | 4 22                           | 10 26                           | 16 30                           |
| 15  |    | +1.2         | 00 16 21.203  | +00 41 57.65                | 2.272768               | 3.87  | 2.06  | 4 20                           | 10 25                           | 16 30                           |
| 16  |    | +1.2         | 00 19 11.664  | +01 00 42.75                | 2.271125               | 3.87  | 2.06  | 4 18                           | 10 24                           | 16 29                           |
| 17  |    | +1.2         | 00 22 02.047  | +01 19 26.30                | 2.269475               | 3.87  | 2.06  | 4 16                           | 10 22                           | 16 29                           |
| 18  |    | +1.2         | 00 24 52.360  | +01 38 08.12                | 2.267815               | 3.88  | 2.06  | 4 14                           | 10 21                           | 16 29                           |
| 19  |    | +1.2         | 00 27 42.609  | +01 56 48.01                | 2.266147               | 3.88  | 2.07  | 4 12                           | 10 20                           | 16 29                           |
| 20  |    | +1.2         | 00 30 32.801  | +02 15 25.79                | 2.264470               | 3.88  | 2.07  | 4 10                           | 10 19                           | 16 28                           |
| 21  |    | +1.2         | 00 33 22.940  | +02 34 01.25                | 2.262784               | 3.89  | 2.07  | 4 8                            | 10 18                           | 16 28                           |
| 22  |    | +1.3         | 00 36 13.030  | +02 52 34.21                | 2.261090               | 3.89  | 2.07  | 4 6                            | 10 17                           | 16 28                           |
| 23  |    | +1.3         | 00 39 03.075  | +03 11 04.46                | 2.259388               | 3.89  | 2.07  | 4 4                            | 10 16                           | 16 28                           |
| 24  |    | +1.3         | 00 41 53.082  | +03 29 31.83                | 2.257678               | 3.90  | 2.07  | 4 2                            | 10 15                           | 16 28                           |
| 25  |    | +1.3         | 00 44 43.057  | +03 47 56.12                | 2.255959               | 3.90  | 2.08  | 4 0                            | 10 14                           | 16 27                           |
| 26  |    | +1.3         | 00 47 33.009  | +04 06 17.19                | 2.254233               | 3.90  | 2.08  | 3 58                           | 10 12                           | 16 27                           |
| 27  |    | +1.3         | 00 50 22.946  | +04 24 34.87                | 2.252498               | 3.90  | 2.08  | 3 56                           | 10 11                           | 16 27                           |
| 28  |    | +1.3         | 00 53 12.879  | +04 42 48.99                | 2.250755               | 3.91  | 2.08  | 3 54                           | 10 10                           | 16 27                           |
| 29  |    | +1.3         | 00 56 02.816  | +05 00 59.42                | 2.249005               | 3.91  | 2.08  | 3 52                           | 10 9                            | 16 26                           |
| 30  |    | +1.3         | 00 58 52.768  | +05 19 05.99                | 2.247246               | 3.91  | 2.08  | 3 50                           | 10 8                            | 16 26                           |
| 5 1 |    | +1.3         | 01 01 42.744  | +05 37 08.57                | 2.245478               | 3.92  | 2.09  | 3 48                           | 10 7                            | 16 26                           |
| 2   |    | +1.3         | 01 04 32.752  | +05 55 06.98                | 2.243701               | 3.92  | 2.09  | 3 46                           | 10 6                            | 16 26                           |
| 3   |    | +1.3         | 01 07 22.800  | +06 13 01.07                | 2.241914               | 3.92  | 2.09  | 3 44                           | 10 5                            | 16 26                           |
| 4   |    | +1.3         | 01 10 12.896  | +06 30 50.69                | 2.240118               | 3.93  | 2.09  | 3 42                           | 10 4                            | 16 25                           |
| 5   |    | +1.3         | 01 13 03.046  | +06 48 35.67                | 2.238312               | 3.93  | 2.09  | 3 40                           | 10 3                            | 16 25                           |
| 6   |    | +1.3         | 01 15 53.255  | +07 06 15.84                | 2.236495               | 3.93  | 2.09  | 3 38                           | 10 1                            | 16 25                           |
| 7   |    | +1.3         | 01 18 43.530  | +07 23 51.04                | 2.234666               | 3.94  | 2.10  | 3 36                           | 10 0                            | 16 25                           |
| 8   |    | +1.3         | 01 21 33.877  | +07 41 21.10                | 2.232826               | 3.94  | 2.10  | 3 35                           | 9 59                            | 16 24                           |
| 9   |    | +1.3         | 01 24 24.299  | +07 58 45.85                | 2.230974               | 3.94  | 2.10  | 3 33                           | 9 58                            | 16 24                           |
| 10  |    | +1.2         | 01 27 14.803  | +08 16 05.11                | 2.229109               | 3.95  | 2.10  | 3 31                           | 9 57                            | 16 24                           |
| 11  |    | +1.2         | 01 30 05.393  | +08 33 18.71                | 2.227230               | 3.95  | 2.10  | 3 29                           | 9 56                            | 16 24                           |
| 12  |    | +1.3         | 01 32 56.074  | +08 50 26.50                | 2.225338               | 3.95  | 2.10  | 3 27                           | 9 55                            | 16 23                           |
| 13  |    | +1.3         | 01 35 46.853  | +09 07 28.30                | 2.223430               | 3.96  | 2.11  | 3 25                           | 9 54                            | 16 23                           |
| 14  |    | +1.3         | 01 38 37.733  | +09 24 23.94                | 2.221508               | 3.96  | 2.11  | 3 23                           | 9 53                            | 16 23                           |
| 15  |    | +1.3         | 01 41 28.720  | +09 41 13.27                | 2.219571               | 3.96  | 2.11  | 3 21                           | 9 52                            | 16 23                           |
| 16  |    | +1.3         | 01 44 19.819  | +09 57 56.14                | 2.217617               | 3.97  | 2.11  | 3 19                           | 9 50                            | 16 22                           |
| 17  |    | +1.3         | 01 47 11.032  | +10 14 32.38                | 2.215648               | 3.97  | 2.11  | 3 17                           | 9 49                            | 16 22                           |
| 18  |    | +1.3         | 01 50 02.360  | +10 31 01.83                | 2.213662               | 3.97  | 2.12  | 3 15                           | 9 48                            | 16 22                           |

最近：地球最近



火 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                      |                                |                                 |
|------|----|--------------|---|-----------------|------------------------|-------|-------|--------------------------------|--------------------------------|---------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                              | 南中                             | 入                               |
| 5 18 |    | +1.3         | 01 <sup>h</sup> 50 <sup>m</sup> 02.360 <sup>s</sup> | +10° 31' 01.83" | 2.213662 <sup>au</sup> | 3.97" | 2.12" | 3 <sup>h</sup> 15 <sup>m</sup> | 9 <sup>h</sup> 48 <sup>m</sup> | 16 <sup>h</sup> 22 <sup>m</sup> |
| 19   |    | +1.3         | 01 52 53.804  | +10 47 24.33    | 2.211659               | 3.98  | 2.12  | 3 13                           | 9 47                           | 16 22                           |
| 20   |    | +1.3         | 01 55 45.362  | +11 03 39.71    | 2.209640               | 3.98  | 2.12  | 3 11                           | 9 46                           | 16 21                           |
| 21   |    | +1.3         | 01 58 37.035  | +11 19 47.80    | 2.207605               | 3.98  | 2.12  | 3 9                            | 9 45                           | 16 21                           |
| 22   |    | +1.3         | 02 01 28.826  | +11 35 48.44    | 2.205554               | 3.99  | 2.12  | 3 8                            | 9 44                           | 16 21                           |
| 23   |    | +1.3         | 02 04 20.737  | +11 51 41.50    | 2.203487               | 3.99  | 2.13  | 3 6                            | 9 43                           | 16 20                           |
| 24   |    | +1.3         | 02 07 12.775  | +12 07 26.82    | 2.201403               | 3.99  | 2.13  | 3 4                            | 9 42                           | 16 20                           |
| 25   |    | +1.3         | 02 10 04.943  | +12 23 04.28    | 2.199303               | 4.00  | 2.13  | 3 2                            | 9 41                           | 16 20                           |
| 26   |    | +1.3         | 02 12 57.248  | +12 38 33.77    | 2.197187               | 4.00  | 2.13  | 3 0                            | 9 40                           | 16 20                           |
| 27   |    | +1.4         | 02 15 49.695  | +12 53 55.15    | 2.195054               | 4.01  | 2.13  | 2 58                           | 9 39                           | 16 19                           |
| 28   |    | +1.4         | 02 18 42.289  | +13 09 08.31    | 2.192904               | 4.01  | 2.14  | 2 56                           | 9 38                           | 16 19                           |
| 29   |    | +1.4         | 02 21 35.035  | +13 24 13.13    | 2.190738               | 4.01  | 2.14  | 2 55                           | 9 36                           | 16 19                           |
| 30   |    | +1.4         | 02 24 27.936  | +13 39 09.49    | 2.188553               | 4.02  | 2.14  | 2 53                           | 9 35                           | 16 18                           |
| 31   |    | +1.4         | 02 27 20.996  | +13 53 57.26    | 2.186351               | 4.02  | 2.14  | 2 51                           | 9 34                           | 16 18                           |
| 6 1  |    | +1.4         | 02 30 14.216  | +14 08 36.33    | 2.184130               | 4.03  | 2.14  | 2 49                           | 9 33                           | 16 18                           |
| 2    |    | +1.3         | 02 33 07.598  | +14 23 06.55    | 2.181891               | 4.03  | 2.15  | 2 47                           | 9 32                           | 16 18                           |
| 3    |    | +1.3         | 02 36 01.144  | +14 37 27.81    | 2.179632               | 4.03  | 2.15  | 2 45                           | 9 31                           | 16 17                           |
| 4    |    | +1.3         | 02 38 54.855  | +14 51 39.98    | 2.177353               | 4.04  | 2.15  | 2 44                           | 9 30                           | 16 17                           |
| 5    |    | +1.3         | 02 41 48.730  | +15 05 42.92    | 2.175054               | 4.04  | 2.15  | 2 42                           | 9 29                           | 16 17                           |
| 6    |    | +1.3         | 02 44 42.772  | +15 19 36.51    | 2.172734               | 4.05  | 2.16  | 2 40                           | 9 28                           | 16 16                           |
| 7    |    | +1.3         | 02 47 36.979  | +15 33 20.60    | 2.170392               | 4.05  | 2.16  | 2 38                           | 9 27                           | 16 16                           |
| 8    |    | +1.3         | 02 50 31.353  | +15 46 55.09    | 2.168027               | 4.06  | 2.16  | 2 37                           | 9 26                           | 16 16                           |
| 9    |    | +1.3         | 02 53 25.894  | +16 00 19.83    | 2.165640               | 4.06  | 2.16  | 2 35                           | 9 25                           | 16 15                           |
| 10   |    | +1.3         | 02 56 20.602  | +16 13 34.71    | 2.163229               | 4.07  | 2.16  | 2 33                           | 9 24                           | 16 15                           |
| 11   |    | +1.3         | 02 59 15.476  | +16 26 39.60    | 2.160794               | 4.07  | 2.17  | 2 31                           | 9 23                           | 16 15                           |
| 12   |    | +1.3         | 03 02 10.517  | +16 39 34.40    | 2.158334               | 4.07  | 2.17  | 2 30                           | 9 22                           | 16 14                           |
| 13   |    | +1.3         | 03 05 05.722  | +16 52 19.00    | 2.155849               | 4.08  | 2.17  | 2 28                           | 9 21                           | 16 14                           |
| 14   |    | +1.3         | 03 08 01.086  | +17 04 53.28    | 2.153338               | 4.08  | 2.17  | 2 26                           | 9 20                           | 16 14                           |
| 15   |    | +1.3         | 03 10 56.605  | +17 17 17.15    | 2.150801               | 4.09  | 2.18  | 2 25                           | 9 19                           | 16 13                           |
| 16   |    | +1.3         | 03 13 52.270  | +17 29 30.47    | 2.148237               | 4.09  | 2.18  | 2 23                           | 9 18                           | 16 13                           |
| 17   |    | +1.3         | 03 16 48.074  | +17 41 33.14    | 2.145648               | 4.10  | 2.18  | 2 21                           | 9 17                           | 16 13                           |
| 18   |    | +1.3         | 03 19 44.010  | +17 53 25.03    | 2.143032               | 4.10  | 2.19  | 2 20                           | 9 16                           | 16 12                           |
| 19   |    | +1.3         | 03 22 40.074  | +18 05 06.04    | 2.140390               | 4.11  | 2.19  | 2 18                           | 9 15                           | 16 12                           |
| 20   |    | +1.3         | 03 25 36.263  | +18 16 36.06    | 2.137721               | 4.11  | 2.19  | 2 16                           | 9 14                           | 16 12                           |
| 21   |    | +1.3         | 03 28 32.577  | +18 27 55.01    | 2.135026               | 4.12  | 2.19  | 2 15                           | 9 13                           | 16 11                           |
| 22   |    | +1.3         | 03 31 29.014  | +18 39 02.82    | 2.132305               | 4.12  | 2.20  | 2 13                           | 9 12                           | 16 11                           |
| 23   |    | +1.3         | 03 34 25.573  | +18 49 59.40    | 2.129558               | 4.13  | 2.20  | 2 11                           | 9 11                           | 16 10                           |
| 24   |    | +1.3         | 03 37 22.253  | +19 00 44.70    | 2.126783               | 4.13  | 2.20  | 2 10                           | 9 10                           | 16 10                           |
| 25   |    | +1.3         | 03 40 19.051  | +19 11 18.64    | 2.123982               | 4.14  | 2.20  | 2 8                            | 9 9                            | 16 10                           |
| 26   |    | +1.3         | 03 43 15.966  | +19 21 41.16    | 2.121154               | 4.15  | 2.21  | 2 7                            | 9 8                            | 16 9                            |
| 27   |    | +1.4         | 03 46 12.993  | +19 31 52.19    | 2.118299               | 4.15  | 2.21  | 2 5                            | 9 7                            | 16 9                            |
| 28   |    | +1.4         | 03 49 10.129  | +19 41 51.67    | 2.115415               | 4.16  | 2.21  | 2 4                            | 9 6                            | 16 8                            |
| 29   |    | +1.4         | 03 52 07.370  | +19 51 39.54    | 2.112504               | 4.16  | 2.22  | 2 2                            | 9 5                            | 16 8                            |
| 30   |    | +1.4         | 03 55 04.710  | +20 01 15.71    | 2.109563               | 4.17  | 2.22  | 2 0                            | 9 4                            | 16 7                            |
| 7 1  |    | +1.4         | 03 58 02.144  | +20 10 40.13    | 2.106594               | 4.17  | 2.22  | 1 59                           | 9 3                            | 16 7                            |
| 2    |    | +1.4         | 04 00 59.666  | +20 19 52.73    | 2.103595               | 4.18  | 2.23  | 1 57                           | 9 2                            | 16 7                            |
| 3    |    | +1.4         | 04 03 57.272  | +20 28 53.44    | 2.100566               | 4.19  | 2.23  | 1 56                           | 9 1                            | 16 6                            |

最近：地球最近

火 星 令和 8 年 2026

| 月 日     | 状況 | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                      |                               |                                |
|---------|----|-------------------|---|-----------------|------------------------|-------|-------|--------------------------------|-------------------------------|--------------------------------|
|         |    | 等級                | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                              | 南中                            | 入                              |
| 7 月 3 日 |    | +1.4 <sup>等</sup> | 04 <sup>h</sup> 03 <sup>m</sup> 57.272 <sup>s</sup> | +20° 28' 53.44" | 2.100566 <sup>au</sup> | 4.19" | 2.23" | 1 <sup>h</sup> 56 <sup>m</sup> | 9 <sup>h</sup> 1 <sup>m</sup> | 16 <sup>h</sup> 6 <sup>m</sup> |
| 4       |    | +1.4              | 04 06 54.954  | +20 37 42.19    | 2.097506               | 4.19  | 2.23  | 1 54                           | 9 0                           | 16 6                           |
| 5       |    | +1.4              | 04 09 52.709  | +20 46 18.91    | 2.094414               | 4.20  | 2.24  | 1 53                           | 8 59                          | 16 5                           |
| 6       |    | +1.4              | 04 12 50.529  | +20 54 43.55    | 2.091291               | 4.21  | 2.24  | 1 51                           | 8 58                          | 16 5                           |
| 7       |    | +1.4              | 04 15 48.409  | +21 02 56.05    | 2.088135               | 4.21  | 2.24  | 1 50                           | 8 57                          | 16 4                           |
| 8       |    | +1.4              | 04 18 46.344  | +21 10 56.35    | 2.084945               | 4.22  | 2.25  | 1 49                           | 8 56                          | 16 4                           |
| 9       |    | +1.4              | 04 21 44.326  | +21 18 44.41    | 2.081722               | 4.22  | 2.25  | 1 47                           | 8 55                          | 16 3                           |
| 10      |    | +1.4              | 04 24 42.348  | +21 26 20.20    | 2.078464               | 4.23  | 2.25  | 1 46                           | 8 54                          | 16 3                           |
| 11      |    | +1.4              | 04 27 40.400  | +21 33 43.68    | 2.075171               | 4.24  | 2.26  | 1 44                           | 8 53                          | 16 2                           |
| 12      |    | +1.4              | 04 30 38.471  | +21 40 54.82    | 2.071842               | 4.24  | 2.26  | 1 43                           | 8 52                          | 16 1                           |
| 13      |    | +1.4              | 04 33 36.548  | +21 47 53.59    | 2.068478               | 4.25  | 2.26  | 1 42                           | 8 51                          | 16 1                           |
| 14      |    | +1.4              | 04 36 34.616  | +21 54 39.96    | 2.065077               | 4.26  | 2.27  | 1 40                           | 8 50                          | 16 0                           |
| 15      |    | +1.4              | 04 39 32.660  | +22 01 13.88    | 2.061640               | 4.27  | 2.27  | 1 39                           | 8 49                          | 16 0                           |
| 16      |    | +1.3              | 04 42 30.669  | +22 07 35.32    | 2.058166               | 4.27  | 2.28  | 1 37                           | 8 48                          | 15 59                          |
| 17      |    | +1.3              | 04 45 28.631  | +22 13 44.25    | 2.054657               | 4.28  | 2.28  | 1 36                           | 8 47                          | 15 58                          |
| 18      |    | +1.3              | 04 48 26.538  | +22 19 40.65    | 2.051111               | 4.29  | 2.28  | 1 35                           | 8 46                          | 15 58                          |
| 19      |    | +1.3              | 04 51 24.382  | +22 25 24.51    | 2.047528               | 4.30  | 2.29  | 1 33                           | 8 45                          | 15 57                          |
| 20      |    | +1.3              | 04 54 22.157  | +22 30 55.83    | 2.043910               | 4.30  | 2.29  | 1 32                           | 8 44                          | 15 57                          |
| 21      |    | +1.3              | 04 57 19.855  | +22 36 14.61    | 2.040255               | 4.31  | 2.30  | 1 31                           | 8 43                          | 15 56                          |
| 22      |    | +1.3              | 05 00 17.470  | +22 41 20.87    | 2.036564               | 4.32  | 2.30  | 1 30                           | 8 42                          | 15 55                          |
| 23      |    | +1.3              | 05 03 14.992  | +22 46 14.63    | 2.032837               | 4.33  | 2.30  | 1 28                           | 8 41                          | 15 54                          |
| 24      |    | +1.3              | 05 06 12.414  | +22 50 55.89    | 2.029073               | 4.33  | 2.31  | 1 27                           | 8 40                          | 15 54                          |
| 25      |    | +1.3              | 05 09 09.727  | +22 55 24.67    | 2.025272               | 4.34  | 2.31  | 1 26                           | 8 39                          | 15 53                          |
| 26      |    | +1.3              | 05 12 06.922  | +22 59 40.99    | 2.021434               | 4.35  | 2.32  | 1 25                           | 8 38                          | 15 52                          |
| 27      |    | +1.3              | 05 15 03.990  | +23 03 44.87    | 2.017559               | 4.36  | 2.32  | 1 23                           | 8 37                          | 15 52                          |
| 28      |    | +1.3              | 05 18 00.920  | +23 07 36.31    | 2.013646               | 4.37  | 2.33  | 1 22                           | 8 36                          | 15 51                          |
| 29      |    | +1.3              | 05 20 57.704  | +23 11 15.34    | 2.009695               | 4.38  | 2.33  | 1 21                           | 8 35                          | 15 50                          |
| 30      |    | +1.3              | 05 23 54.331  | +23 14 41.98    | 2.005706               | 4.38  | 2.33  | 1 20                           | 8 34                          | 15 49                          |
| 31      |    | +1.3              | 05 26 50.793  | +23 17 56.23    | 2.001677               | 4.39  | 2.34  | 1 18                           | 8 33                          | 15 48                          |
| 8 月 1   |    | +1.3              | 05 29 47.080  | +23 20 58.11    | 1.997609               | 4.40  | 2.34  | 1 17                           | 8 32                          | 15 48                          |
| 2       |    | +1.3              | 05 32 43.184  | +23 23 47.65    | 1.993502               | 4.41  | 2.35  | 1 16                           | 8 31                          | 15 47                          |
| 3       |    | +1.3              | 05 35 39.097  | +23 26 24.88    | 1.989353               | 4.42  | 2.35  | 1 15                           | 8 30                          | 15 46                          |
| 4       |    | +1.3              | 05 38 34.808  | +23 28 49.82    | 1.985164               | 4.43  | 2.36  | 1 14                           | 8 29                          | 15 45                          |
| 5       |    | +1.3              | 05 41 30.310  | +23 31 02.51    | 1.980933               | 4.44  | 2.36  | 1 13                           | 8 28                          | 15 44                          |
| 6       |    | +1.3              | 05 44 25.591  | +23 33 03.01    | 1.976659               | 4.45  | 2.37  | 1 11                           | 8 27                          | 15 43                          |
| 7       |    | +1.3              | 05 47 20.642  | +23 34 51.37    | 1.972343               | 4.46  | 2.37  | 1 10                           | 8 26                          | 15 42                          |
| 8       |    | +1.3              | 05 50 15.449  | +23 36 27.64    | 1.967983               | 4.47  | 2.38  | 1 9                            | 8 25                          | 15 41                          |
| 9       |    | +1.3              | 05 53 09.997  | +23 37 51.91    | 1.963580               | 4.48  | 2.38  | 1 8                            | 8 24                          | 15 40                          |
| 10      |    | +1.3              | 05 56 04.271  | +23 39 04.22    | 1.959133               | 4.49  | 2.39  | 1 7                            | 8 23                          | 15 39                          |
| 11      |    | +1.3              | 05 58 58.254  | +23 40 04.65    | 1.954641               | 4.50  | 2.40  | 1 6                            | 8 22                          | 15 38                          |
| 12      |    | +1.3              | 06 01 51.929  | +23 40 53.24    | 1.950105               | 4.51  | 2.40  | 1 5                            | 8 21                          | 15 37                          |
| 13      |    | +1.3              | 06 04 45.283  | +23 41 30.06    | 1.945525               | 4.52  | 2.41  | 1 4                            | 8 20                          | 15 36                          |
| 14      |    | +1.3              | 06 07 38.303  | +23 41 55.17    | 1.940901               | 4.53  | 2.41  | 1 3                            | 8 19                          | 15 35                          |
| 15      |    | +1.3              | 06 10 30.980  | +23 42 08.63    | 1.936232               | 4.54  | 2.42  | 1 1                            | 8 18                          | 15 34                          |
| 16      |    | +1.3              | 06 13 23.304  | +23 42 10.54    | 1.931519               | 4.55  | 2.42  | 1 0                            | 8 17                          | 15 33                          |
| 17      |    | +1.3              | 06 16 15.267  | +23 42 00.96    | 1.926763               | 4.56  | 2.43  | 0 59                           | 8 16                          | 15 32                          |
| 18      |    | +1.3              | 06 19 06.862  | +23 41 40.01    | 1.921962               | 4.58  | 2.44  | 0 58                           | 8 15                          | 15 31                          |

最近：地球最近

火 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                      |                                |                                 |
|------|----|--------------|---|-----------------|------------------------|-------|-------|--------------------------------|--------------------------------|---------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                              | 南中                             | 入                               |
| 8 18 |    | +1.3         | 06 <sup>h</sup> 19 <sup>m</sup> 06.862 <sup>s</sup> | +23° 41' 40.01" | 1.921962 <sup>au</sup> | 4.58" | 2.44" | 0 <sup>h</sup> 58 <sup>m</sup> | 8 <sup>h</sup> 15 <sup>m</sup> | 15 <sup>h</sup> 31 <sup>m</sup> |
| 19   |    | +1.3         | 06 21 58.078  | +23 41 07.77    | 1.917118               | 4.59  | 2.44  | 0 57                           | 8 14                           | 15 30                           |
| 20   |    | +1.3         | 06 24 48.908  | +23 40 24.33    | 1.912231               | 4.60  | 2.45  | 0 56                           | 8 12                           | 15 29                           |
| 21   |    | +1.3         | 06 27 39.343  | +23 39 29.81    | 1.907300               | 4.61  | 2.46  | 0 55                           | 8 11                           | 15 28                           |
| 22   |    | +1.2         | 06 30 29.373  | +23 38 24.29    | 1.902325               | 4.62  | 2.46  | 0 54                           | 8 10                           | 15 26                           |
| 23   |    | +1.2         | 06 33 18.990  | +23 37 07.88    | 1.897306               | 4.64  | 2.47  | 0 53                           | 8 9                            | 15 25                           |
| 24   |    | +1.2         | 06 36 08.184  | +23 35 40.66    | 1.892243               | 4.65  | 2.47  | 0 52                           | 8 8                            | 15 24                           |
| 25   |    | +1.2         | 06 38 56.948  | +23 34 02.74    | 1.887137               | 4.66  | 2.48  | 0 51                           | 8 7                            | 15 23                           |
| 26   |    | +1.2         | 06 41 45.272  | +23 32 14.21    | 1.881986               | 4.67  | 2.49  | 0 50                           | 8 6                            | 15 22                           |
| 27   |    | +1.2         | 06 44 33.148  | +23 30 15.17    | 1.876791               | 4.69  | 2.50  | 0 49                           | 8 5                            | 15 20                           |
| 28   |    | +1.2         | 06 47 20.570  | +23 28 05.70    | 1.871551               | 4.70  | 2.50  | 0 48                           | 8 3                            | 15 19                           |
| 29   |    | +1.2         | 06 50 07.529  | +23 25 45.90    | 1.866266               | 4.71  | 2.51  | 0 47                           | 8 2                            | 15 18                           |
| 30   |    | +1.2         | 06 52 54.019  | +23 23 15.87    | 1.860936               | 4.73  | 2.52  | 0 46                           | 8 1                            | 15 16                           |
| 31   |    | +1.2         | 06 55 40.035  | +23 20 35.71    | 1.855560               | 4.74  | 2.52  | 0 45                           | 8 0                            | 15 15                           |
| 9 1  |    | +1.2         | 06 58 25.570  | +23 17 45.53    | 1.850138               | 4.75  | 2.53  | 0 44                           | 7 59                           | 15 14                           |
| 2    |    | +1.2         | 07 01 10.616  | +23 14 45.45    | 1.844669               | 4.77  | 2.54  | 0 43                           | 7 58                           | 15 12                           |
| 3    |    | +1.2         | 07 03 55.165  | +23 11 35.60    | 1.839153               | 4.78  | 2.55  | 0 42                           | 7 56                           | 15 11                           |
| 4    |    | +1.2         | 07 06 39.208  | +23 08 16.10    | 1.833589               | 4.80  | 2.55  | 0 41                           | 7 55                           | 15 10                           |
| 5    |    | +1.2         | 07 09 22.732  | +23 04 47.11    | 1.827977               | 4.81  | 2.56  | 0 40                           | 7 54                           | 15 8                            |
| 6    |    | +1.2         | 07 12 05.727  | +23 01 08.75    | 1.822318               | 4.83  | 2.57  | 0 39                           | 7 53                           | 15 7                            |
| 7    |    | +1.2         | 07 14 48.176  | +22 57 21.17    | 1.816610               | 4.84  | 2.58  | 0 38                           | 7 52                           | 15 5                            |
| 8    |    | +1.2         | 07 17 30.068  | +22 53 24.51    | 1.810853               | 4.86  | 2.59  | 0 37                           | 7 50                           | 15 4                            |
| 9    |    | +1.2         | 07 20 11.390  | +22 49 18.90    | 1.805048               | 4.87  | 2.59  | 0 36                           | 7 49                           | 15 2                            |
| 10   |    | +1.2         | 07 22 52.131  | +22 45 04.47    | 1.799195               | 4.89  | 2.60  | 0 35                           | 7 48                           | 15 1                            |
| 11   |    | +1.2         | 07 25 32.282  | +22 40 41.35    | 1.793293               | 4.90  | 2.61  | 0 34                           | 7 47                           | 14 59                           |
| 12   |    | +1.2         | 07 28 11.836  | +22 36 09.69    | 1.787344               | 4.92  | 2.62  | 0 33                           | 7 45                           | 14 58                           |
| 13   |    | +1.2         | 07 30 50.785  | +22 31 29.63    | 1.781347               | 4.94  | 2.63  | 0 32                           | 7 44                           | 14 56                           |
| 14   |    | +1.2         | 07 33 29.124  | +22 26 41.32    | 1.775303               | 4.95  | 2.64  | 0 31                           | 7 43                           | 14 54                           |
| 15   |    | +1.2         | 07 36 06.847  | +22 21 44.90    | 1.769212               | 4.97  | 2.65  | 0 30                           | 7 41                           | 14 53                           |
| 16   |    | +1.2         | 07 38 43.948  | +22 16 40.55    | 1.763075               | 4.99  | 2.66  | 0 29                           | 7 40                           | 14 51                           |
| 17   |    | +1.2         | 07 41 20.420  | +22 11 28.40    | 1.756891               | 5.01  | 2.67  | 0 28                           | 7 39                           | 14 50                           |
| 18   |    | +1.2         | 07 43 56.258  | +22 06 08.61    | 1.750661               | 5.02  | 2.67  | 0 27                           | 7 37                           | 14 48                           |
| 19   |    | +1.2         | 07 46 31.455  | +22 00 41.34    | 1.744385               | 5.04  | 2.68  | 0 26                           | 7 36                           | 14 46                           |
| 20   |    | +1.2         | 07 49 06.005  | +21 55 06.73    | 1.738064               | 5.06  | 2.69  | 0 25                           | 7 35                           | 14 44                           |
| 21   |    | +1.2         | 07 51 39.903  | +21 49 24.93    | 1.731697               | 5.08  | 2.70  | 0 23                           | 7 33                           | 14 43                           |
| 22   |    | +1.1         | 07 54 13.143  | +21 43 36.09    | 1.725285               | 5.10  | 2.71  | 0 22                           | 7 32                           | 14 41                           |
| 23   |    | +1.1         | 07 56 45.720  | +21 37 40.34    | 1.718827               | 5.12  | 2.72  | 0 21                           | 7 30                           | 14 39                           |
| 24   |    | +1.1         | 07 59 17.630  | +21 31 37.83    | 1.712324               | 5.14  | 2.73  | 0 20                           | 7 29                           | 14 38                           |
| 25   |    | +1.1         | 08 01 48.868  | +21 25 28.69    | 1.705776               | 5.16  | 2.75  | 0 19                           | 7 28                           | 14 36                           |
| 26   |    | +1.1         | 08 04 19.432  | +21 19 13.07    | 1.699183               | 5.18  | 2.76  | 0 18                           | 7 26                           | 14 34                           |
| 27   |    | +1.1         | 08 06 49.319  | +21 12 51.10    | 1.692544               | 5.20  | 2.77  | 0 17                           | 7 25                           | 14 32                           |
| 28   |    | +1.1         | 08 09 18.526  | +21 06 22.93    | 1.685860               | 5.22  | 2.78  | 0 16                           | 7 23                           | 14 30                           |
| 29   |    | +1.1         | 08 11 47.050  | +20 59 48.71    | 1.679129               | 5.24  | 2.79  | 0 15                           | 7 22                           | 14 28                           |
| 30   |    | +1.1         | 08 14 14.887  | +20 53 08.60    | 1.672353               | 5.26  | 2.80  | 0 14                           | 7 20                           | 14 27                           |
| 10 1 |    | +1.1         | 08 16 42.031  | +20 46 22.78    | 1.665531               | 5.28  | 2.81  | 0 13                           | 7 19                           | 14 25                           |
| 2    |    | +1.1         | 08 19 08.474  | +20 39 31.42    | 1.658662               | 5.30  | 2.82  | 0 12                           | 7 17                           | 14 23                           |
| 3    |    | +1.1         | 08 21 34.205  | +20 32 34.73    | 1.651746               | 5.32  | 2.83  | 0 11                           | 7 16                           | 14 21                           |

最近：地球最近

火 星 令和 8 年 2026

| 月 日 | 状況 | 真春分点にもとづく座標系 |  |   | 地球時 0 <sup>h</sup> |               |               | 東京, 中央標準時                 |                           |                           |
|-----|----|--------------|--|---|--------------------|---------------|---------------|---------------------------|---------------------------|---------------------------|
|     |    | 等級           | 視赤経                                    | 視赤緯                                     | 距離                 | 視差            | 視半径           | 出                         | 南中                        | 入                         |
| 月 日 |    | 等            | <sup>h</sup> <sup>m</sup> <sup>s</sup> | <sup>°</sup> <sup>'</sup> <sup>''</sup> | <sup>au</sup>      | <sup>''</sup> | <sup>''</sup> | <sup>h</sup> <sup>m</sup> | <sup>h</sup> <sup>m</sup> | <sup>h</sup> <sup>m</sup> |
| 10  | 3  | +1.1         | 08 21 34.205                           | +20 32 34.73                            | 1.651746           | 5.32          | 2.83          | 0 11                      | 7 16                      | 14 21                     |
|     | 4  | +1.1         | 08 23 59.215                           | +20 25 32.87                            | 1.644784           | 5.35          | 2.85          | 0 9                       | 7 14                      | 14 19                     |
|     | 5  | +1.1         | 08 26 23.492                           | +20 18 26.03                            | 1.637775           | 5.37          | 2.86          | 0 8                       | 7 13                      | 14 17                     |
|     | 6  | +1.1         | 08 28 47.026                           | +20 11 14.40                            | 1.630720           | 5.39          | 2.87          | 0 7                       | 7 11                      | 14 15                     |
|     | 7  | +1.1         | 08 31 09.806                           | +20 03 58.15                            | 1.623619           | 5.42          | 2.88          | 0 6                       | 7 10                      | 14 13                     |
|     | 8  | +1.0         | 08 33 31.826                           | +19 56 37.45                            | 1.616472           | 5.44          | 2.90          | 0 5                       | 7 8                       | 14 11                     |
|     | 9  | +1.0         | 08 35 53.077                           | +19 49 12.49                            | 1.609279           | 5.46          | 2.91          | 0 4                       | 7 7                       | 14 9                      |
|     | 10 | +1.0         | 08 38 13.554                           | +19 41 43.44                            | 1.602042           | 5.49          | 2.92          | 0 3                       | 7 5                       | 14 7                      |
|     | 11 | +1.0         | 08 40 33.250                           | +19 34 10.48                            | 1.594761           | 5.51          | 2.94          | 0 1                       | 7 3                       | 14 5                      |
|     | 12 | +1.0         | 08 42 52.160                           | +19 26 33.81                            | 1.587436           | 5.54          | 2.95          | 0 0*                      | 7 2                       | 14 3                      |
|     | 13 | +1.0         | 08 45 10.279                           | +19 18 53.60                            | 1.580068           | 5.57          | 2.96          | 23 58                     | 7 0                       | 14 1                      |
|     | 14 | +1.0         | 08 47 27.599                           | +19 11 10.04                            | 1.572657           | 5.59          | 2.98          | 23 57                     | 6 58                      | 13 59                     |
|     | 15 | +1.0         | 08 49 44.116                           | +19 03 23.32                            | 1.565205           | 5.62          | 2.99          | 23 55                     | 6 57                      | 13 57                     |
|     | 16 | +1.0         | 08 51 59.823                           | +18 55 33.62                            | 1.557712           | 5.65          | 3.01          | 23 54                     | 6 55                      | 13 55                     |
|     | 17 | +1.0         | 08 54 14.714                           | +18 47 41.13                            | 1.550178           | 5.67          | 3.02          | 23 53                     | 6 53                      | 13 52                     |
|     | 18 | +1.0         | 08 56 28.784                           | +18 39 46.01                            | 1.542604           | 5.70          | 3.04          | 23 51                     | 6 52                      | 13 50                     |
|     | 19 | +1.0         | 08 58 42.025                           | +18 31 48.44                            | 1.534990           | 5.73          | 3.05          | 23 50                     | 6 50                      | 13 48                     |
|     | 20 | +1.0         | 09 00 54.433                           | +18 23 48.60                            | 1.527338           | 5.76          | 3.07          | 23 49                     | 6 48                      | 13 46                     |
|     | 21 | +1.0         | 09 03 06.003                           | +18 15 46.65                            | 1.519647           | 5.79          | 3.08          | 23 48                     | 6 46                      | 13 44                     |
|     | 22 | +0.9         | 09 05 16.730                           | +18 07 42.76                            | 1.511917           | 5.82          | 3.10          | 23 46                     | 6 45                      | 13 42                     |
|     | 23 | +0.9         | 09 07 26.611                           | +17 59 37.10                            | 1.504150           | 5.85          | 3.11          | 23 45                     | 6 43                      | 13 39                     |
|     | 24 | +0.9         | 09 09 35.640                           | +17 51 29.82                            | 1.496346           | 5.88          | 3.13          | 23 44                     | 6 41                      | 13 37                     |
|     | 25 | +0.9         | 09 11 43.816                           | +17 43 21.09                            | 1.488505           | 5.91          | 3.15          | 23 42                     | 6 39                      | 13 35                     |
|     | 26 | +0.9         | 09 13 51.134                           | +17 35 11.07                            | 1.480626           | 5.94          | 3.16          | 23 41                     | 6 38                      | 13 33                     |
|     | 27 | +0.9         | 09 15 57.591                           | +17 26 59.96                            | 1.472711           | 5.97          | 3.18          | 23 39                     | 6 36                      | 13 30                     |
|     | 28 | +0.9         | 09 18 03.180                           | +17 18 47.93                            | 1.464760           | 6.00          | 3.20          | 23 38                     | 6 34                      | 13 28                     |
|     | 29 | +0.9         | 09 20 07.892                           | +17 10 35.20                            | 1.456772           | 6.04          | 3.21          | 23 37                     | 6 32                      | 13 26                     |
|     | 30 | +0.9         | 09 22 11.716                           | +17 02 21.97                            | 1.448747           | 6.07          | 3.23          | 23 35                     | 6 30                      | 13 23                     |
|     | 31 | +0.9         | 09 24 14.639                           | +16 54 08.49                            | 1.440687           | 6.10          | 3.25          | 23 34                     | 6 28                      | 13 21                     |
| 11  | 1  | +0.8         | 09 26 16.646                           | +16 45 54.95                            | 1.432591           | 6.14          | 3.27          | 23 32                     | 6 26                      | 13 19                     |
|     | 2  | +0.8         | 09 28 17.724                           | +16 37 41.59                            | 1.424460           | 6.17          | 3.29          | 23 31                     | 6 24                      | 13 16                     |
|     | 3  | +0.8         | 09 30 17.858                           | +16 29 28.62                            | 1.416294           | 6.21          | 3.31          | 23 29                     | 6 22                      | 13 14                     |
|     | 4  | +0.8         | 09 32 17.036                           | +16 21 16.25                            | 1.408094           | 6.25          | 3.33          | 23 28                     | 6 21                      | 13 12                     |
|     | 5  | +0.8         | 09 34 15.247                           | +16 13 04.70                            | 1.399861           | 6.28          | 3.35          | 23 26                     | 6 19                      | 13 9                      |
|     | 6  | +0.8         | 09 36 12.477                           | +16 04 54.19                            | 1.391596           | 6.32          | 3.36          | 23 25                     | 6 17                      | 13 7                      |
|     | 7  | +0.8         | 09 38 08.715                           | +15 56 44.92                            | 1.383300           | 6.36          | 3.39          | 23 23                     | 6 15                      | 13 4                      |
|     | 8  | +0.8         | 09 40 03.950                           | +15 48 37.13                            | 1.374973           | 6.40          | 3.41          | 23 21                     | 6 13                      | 13 2                      |
|     | 9  | +0.8         | 09 41 58.170                           | +15 40 31.03                            | 1.366617           | 6.43          | 3.43          | 23 20                     | 6 11                      | 12 59                     |
|     | 10 | +0.7         | 09 43 51.362                           | +15 32 26.84                            | 1.358232           | 6.47          | 3.45          | 23 18                     | 6 8                       | 12 57                     |
|     | 11 | +0.7         | 09 45 43.514                           | +15 24 24.78                            | 1.349821           | 6.52          | 3.47          | 23 16                     | 6 6                       | 12 54                     |
|     | 12 | +0.7         | 09 47 34.612                           | +15 16 25.09                            | 1.341384           | 6.56          | 3.49          | 23 15                     | 6 4                       | 12 52                     |
|     | 13 | +0.7         | 09 49 24.643                           | +15 08 27.96                            | 1.332922           | 6.60          | 3.51          | 23 13                     | 6 2                       | 12 49                     |
|     | 14 | +0.7         | 09 51 13.593                           | +15 00 33.62                            | 1.324437           | 6.64          | 3.54          | 23 11                     | 6 0                       | 12 47                     |
|     | 15 | +0.7         | 09 53 01.450                           | +14 52 42.28                            | 1.315928           | 6.68          | 3.56          | 23 10                     | 5 58                      | 12 44                     |
|     | 16 | +0.7         | 09 54 48.200                           | +14 44 54.16                            | 1.307399           | 6.73          | 3.58          | 23 8                      | 5 56                      | 12 42                     |
|     | 17 | +0.7         | 09 56 33.829                           | +14 37 09.45                            | 1.298849           | 6.77          | 3.61          | 23 6                      | 5 54                      | 12 39                     |
|     | 18 | +0.6         | 09 58 18.325                           | +14 29 28.36                            | 1.290280           | 6.82          | 3.63          | 23 4                      | 5 51                      | 12 36                     |

最近：地球最近

\* 23:59 にもう一度出となる。

火 星 令和 8 年 2026

| 月 日   | 状況 | 真春分点にもとづく座標系 |   |                             | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                      |                                |                                 |
|-------|----|--------------|---|-----------------------------|------------------------|-------|-------|--------------------------------|--------------------------------|---------------------------------|
|       |    | 等級           | 視赤経   | 視赤緯                         | 距離                     | 視差    | 視半径   | 出                              | 南中                             | 入                               |
| 11 18 |    | +0.6         | 09 <sup>h</sup> 58 <sup>m</sup> 18.325 <sup>s</sup> | +14 <sup>o</sup> 29' 28.36" | 1.290280 <sup>au</sup> | 6.82" | 3.63" | 23 <sup>h</sup> 4 <sup>m</sup> | 5 <sup>h</sup> 51 <sup>m</sup> | 12 <sup>h</sup> 36 <sup>m</sup> |
| 19    |    | +0.6         | 10 00 01.676  | +14 21 51.10                | 1.281692               | 6.86  | 3.65  | 23 2                           | 5 49                           | 12 34                           |
| 20    |    | +0.6         | 10 01 43.867  | +14 14 17.87                | 1.273087               | 6.91  | 3.68  | 23 1                           | 5 47                           | 12 31                           |
| 21    |    | +0.6         | 10 03 24.887  | +14 06 48.85                | 1.264466               | 6.95  | 3.70  | 22 59                          | 5 45                           | 12 29                           |
| 22    |    | +0.6         | 10 05 04.724  | +13 59 24.27                | 1.255830               | 7.00  | 3.73  | 22 57                          | 5 42                           | 12 26                           |
| 23    |    | +0.6         | 10 06 43.365  | +13 52 04.32                | 1.247179               | 7.05  | 3.75  | 22 55                          | 5 40                           | 12 23                           |
| 24    |    | +0.6         | 10 08 20.794  | +13 44 49.22                | 1.238515               | 7.10  | 3.78  | 22 53                          | 5 38                           | 12 21                           |
| 25    |    | +0.6         | 10 09 56.996  | +13 37 39.22                | 1.229838               | 7.15  | 3.81  | 22 51                          | 5 35                           | 12 18                           |
| 26    |    | +0.5         | 10 11 31.949  | +13 30 34.56                | 1.221149               | 7.20  | 3.83  | 22 49                          | 5 33                           | 12 15                           |
| 27    |    | +0.5         | 10 13 05.630  | +13 23 35.53                | 1.212449               | 7.25  | 3.86  | 22 47                          | 5 31                           | 12 12                           |
| 28    |    | +0.5         | 10 14 38.013  | +13 16 42.39                | 1.203738               | 7.31  | 3.89  | 22 45                          | 5 28                           | 12 10                           |
| 29    |    | +0.5         | 10 16 09.072  | +13 09 55.43                | 1.195018               | 7.36  | 3.92  | 22 43                          | 5 26                           | 12 7                            |
| 30    |    | +0.5         | 10 17 38.779  | +13 03 14.92                | 1.186290               | 7.41  | 3.95  | 22 41                          | 5 24                           | 12 4                            |
| 12 1  |    | +0.5         | 10 19 07.108  | +12 56 41.15                | 1.177556               | 7.47  | 3.98  | 22 38                          | 5 21                           | 12 1                            |
| 2     |    | +0.4         | 10 20 34.032  | +12 50 14.39                | 1.168816               | 7.52  | 4.01  | 22 36                          | 5 19                           | 11 58                           |
| 3     |    | +0.4         | 10 21 59.524  | +12 43 54.92                | 1.160072               | 7.58  | 4.04  | 22 34                          | 5 16                           | 11 56                           |
| 4     |    | +0.4         | 10 23 23.558  | +12 37 43.01                | 1.151326               | 7.64  | 4.07  | 22 32                          | 5 14                           | 11 53                           |
| 5     |    | +0.4         | 10 24 46.107  | +12 31 38.94                | 1.142580               | 7.70  | 4.10  | 22 30                          | 5 11                           | 11 50                           |
| 6     |    | +0.4         | 10 26 07.143  | +12 25 43.01                | 1.133836               | 7.76  | 4.13  | 22 27                          | 5 8                            | 11 47                           |
| 7     |    | +0.4         | 10 27 26.636  | +12 19 55.48                | 1.125095               | 7.82  | 4.16  | 22 25                          | 5 6                            | 11 44                           |
| 8     |    | +0.3         | 10 28 44.557  | +12 14 16.64                | 1.116359               | 7.88  | 4.19  | 22 23                          | 5 3                            | 11 41                           |
| 9     |    | +0.3         | 10 30 00.878  | +12 08 46.78                | 1.107631               | 7.94  | 4.23  | 22 20                          | 5 0                            | 11 38                           |
| 10    |    | +0.3         | 10 31 15.566  | +12 03 26.16                | 1.098913               | 8.00  | 4.26  | 22 18                          | 4 58                           | 11 35                           |
| 11    |    | +0.3         | 10 32 28.592  | +11 58 15.07                | 1.090206               | 8.07  | 4.30  | 22 15                          | 4 55                           | 11 32                           |
| 12    |    | +0.3         | 10 33 39.925  | +11 53 13.77                | 1.081513               | 8.13  | 4.33  | 22 13                          | 4 52                           | 11 29                           |
| 13    |    | +0.2         | 10 34 49.533  | +11 48 22.54                | 1.072836               | 8.20  | 4.36  | 22 10                          | 4 50                           | 11 26                           |
| 14    |    | +0.2         | 10 35 57.386  | +11 43 41.63                | 1.064177               | 8.26  | 4.40  | 22 8                           | 4 47                           | 11 23                           |
| 15    |    | +0.2         | 10 37 03.453  | +11 39 11.31                | 1.055538               | 8.33  | 4.44  | 22 5                           | 4 44                           | 11 20                           |
| 16    |    | +0.2         | 10 38 07.703  | +11 34 51.83                | 1.046921               | 8.40  | 4.47  | 22 2                           | 4 41                           | 11 17                           |
| 17    |    | +0.2         | 10 39 10.105  | +11 30 43.44                | 1.038329               | 8.47  | 4.51  | 22 0                           | 4 38                           | 11 14                           |
| 18    |    | +0.1         | 10 40 10.629  | +11 26 46.39                | 1.029764               | 8.54  | 4.55  | 21 57                          | 4 35                           | 11 11                           |
| 19    |    | +0.1         | 10 41 09.242  | +11 23 00.93                | 1.021228               | 8.61  | 4.59  | 21 54                          | 4 32                           | 11 8                            |
| 20    |    | +0.1         | 10 42 05.916  | +11 19 27.29                | 1.012722               | 8.68  | 4.62  | 21 51                          | 4 29                           | 11 4                            |
| 21    |    | +0.1         | 10 43 00.617  | +11 16 05.75                | 1.004250               | 8.76  | 4.66  | 21 48                          | 4 26                           | 11 1                            |
| 22    |    | +0.1         | 10 43 53.311  | +11 12 56.55                | 0.995813               | 8.83  | 4.70  | 21 45                          | 4 23                           | 10 58                           |
| 23    |    | +0.0         | 10 44 43.962  | +11 09 59.98                | 0.987413               | 8.91  | 4.74  | 21 42                          | 4 20                           | 10 55                           |
| 24    |    | +0.0         | 10 45 32.530  | +11 07 16.34                | 0.979052               | 8.98  | 4.78  | 21 39                          | 4 17                           | 10 52                           |
| 25    |    | +0.0         | 10 46 18.971  | +11 04 45.93                | 0.970732               | 9.06  | 4.82  | 21 36                          | 4 14                           | 10 48                           |
| 26    |    | -0.0         | 10 47 03.240  | +11 02 29.08                | 0.962456               | 9.14  | 4.87  | 21 33                          | 4 11                           | 10 45                           |
| 27    |    | -0.0         | 10 47 45.289  | +11 00 26.10                | 0.954227               | 9.22  | 4.91  | 21 30                          | 4 7                            | 10 42                           |
| 28    |    | -0.1         | 10 48 25.072  | +10 58 37.31                | 0.946046               | 9.30  | 4.95  | 21 27                          | 4 4                            | 10 38                           |
| 29    |    | -0.1         | 10 49 02.542  | +10 57 03.00                | 0.937916               | 9.38  | 4.99  | 21 24                          | 4 1                            | 10 35                           |
| 30    |    | -0.1         | 10 49 37.653  | +10 55 43.46                | 0.929840               | 9.46  | 5.04  | 21 20                          | 3 58                           | 10 31                           |
| 31    |    | -0.1         | 10 50 10.360  | +10 54 38.99                | 0.921823               | 9.54  | 5.08  | 21 17                          | 3 54                           | 10 28                           |
| 32    |    | -0.2         | 10 50 40.618  | +10 53 49.86                | 0.913865               | 9.62  | 5.12  | 21 14                          | 3 51                           | 10 25                           |
| 33    |    | -0.2         | 10 51 08.381  | +10 53 16.32                | 0.905973               | 9.71  | 5.17  | 21 10                          | 3 47                           | 10 21                           |
| 34    |    | -0.2         | 10 51 33.604  | +10 52 58.64                | 0.898147               | 9.79  | 5.21  | 21 7                           | 3 44                           | 10 17                           |

最近：地球最近

木 星 令和 8 年 2026

| 月 日 | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |       |        | 東京, 中央標準時                       |                                |                                |
|-----|----|--------------|---|-----------------|------------------------|-------|--------|---------------------------------|--------------------------------|--------------------------------|
|     |    | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径    | 出                               | 南中                             | 入                              |
| 1 0 |    | -2.7         | 07 <sup>h</sup> 33 <sup>m</sup> 03.019 <sup>s</sup> | +21° 57' 22.77" | 4.245463 <sup>au</sup> | 2.07" | 23.22" | 17 <sup>h</sup> 23 <sup>m</sup> | 0 <sup>h</sup> 37 <sup>m</sup> | 7 <sup>h</sup> 46 <sup>m</sup> |
| 1   |    | -2.7         | 07 32 29.867  | +21 58 44.83    | 4.242683               | 2.07  | 23.23  | 17 19                           | 0 32                           | 7 42                           |
| 2   |    | -2.7         | 07 31 56.475  | +22 00 06.94    | 4.240214               | 2.07  | 23.25  | 17 14                           | 0 28                           | 7 37                           |
| 3   |    | -2.7         | 07 31 22.863  | +22 01 29.05    | 4.238057               | 2.08  | 23.26  | 17 10                           | 0 23                           | 7 33                           |
| 4   |    | -2.7         | 07 30 49.052  | +22 02 51.11    | 4.236212               | 2.08  | 23.27  | 17 5                            | 0 19                           | 7 28                           |
| 5   |    | -2.7         | 07 30 15.064  | +22 04 13.05    | 4.234681               | 2.08  | 23.28  | 17 0                            | 0 15                           | 7 24                           |
| 6   |    | -2.7         | 07 29 40.921  | +22 05 34.80    | 4.233465               | 2.08  | 23.28  | 16 56                           | 0 10                           | 7 20                           |
| 7   |    | -2.7         | 07 29 06.649  | +22 06 56.29    | 4.232564               | 2.08  | 23.29  | 16 51                           | 0 6                            | 7 15                           |
| 8   |    | -2.7         | 07 28 32.274  | +22 08 17.44    | 4.231980               | 2.08  | 23.29  | 16 47                           | 0 1*                           | 7 11                           |
| 9   |    | -2.7         | 07 27 57.823  | +22 09 38.19    | 4.231713               | 2.08  | 23.29  | 16 42                           | 23 52                          | 7 6                            |
| 10  | 衝  | -2.7         | 07 27 23.324  | +22 10 58.49    | 4.231764               | 2.08  | 23.29  | 16 38                           | 23 48                          | 7 2                            |
| 11  |    | -2.7         | 07 26 48.805  | +22 12 18.26    | 4.232133               | 2.08  | 23.29  | 16 33                           | 23 43                          | 6 58                           |
| 12  |    | -2.7         | 07 26 14.293  | +22 13 37.47    | 4.232820               | 2.08  | 23.29  | 16 28                           | 23 38                          | 6 53                           |
| 13  |    | -2.7         | 07 25 39.815  | +22 14 56.06    | 4.233827               | 2.08  | 23.28  | 16 24                           | 23 34                          | 6 49                           |
| 14  |    | -2.7         | 07 25 05.399  | +22 16 13.99    | 4.235152               | 2.08  | 23.27  | 16 19                           | 23 29                          | 6 44                           |
| 15  |    | -2.7         | 07 24 31.071  | +22 17 31.20    | 4.236796               | 2.08  | 23.27  | 16 15                           | 23 25                          | 6 40                           |
| 16  |    | -2.7         | 07 23 56.858  | +22 18 47.66    | 4.238757               | 2.07  | 23.26  | 16 10                           | 23 20                          | 6 35                           |
| 17  |    | -2.7         | 07 23 22.785  | +22 20 03.32    | 4.241036               | 2.07  | 23.24  | 16 5                            | 23 16                          | 6 31                           |
| 18  |    | -2.7         | 07 22 48.879  | +22 21 18.12    | 4.243631               | 2.07  | 23.23  | 16 1                            | 23 12                          | 6 27                           |
| 19  |    | -2.7         | 07 22 15.165  | +22 22 32.03    | 4.246541               | 2.07  | 23.21  | 15 56                           | 23 7                           | 6 22                           |
| 20  |    | -2.7         | 07 21 41.669  | +22 23 44.99    | 4.249765               | 2.07  | 23.19  | 15 52                           | 23 3                           | 6 18                           |
| 21  |    | -2.7         | 07 21 08.416  | +22 24 56.96    | 4.253302               | 2.07  | 23.18  | 15 47                           | 22 58                          | 6 13                           |
| 22  |    | -2.7         | 07 20 35.434  | +22 26 07.86    | 4.257149               | 2.07  | 23.15  | 15 43                           | 22 54                          | 6 9                            |
| 23  |    | -2.7         | 07 20 02.748  | +22 27 17.67    | 4.261304               | 2.06  | 23.13  | 15 38                           | 22 49                          | 6 4                            |
| 24  |    | -2.7         | 07 19 30.385  | +22 28 26.32    | 4.265766               | 2.06  | 23.11  | 15 34                           | 22 45                          | 6 0                            |
| 25  |    | -2.6         | 07 18 58.371  | +22 29 33.78    | 4.270532               | 2.06  | 23.08  | 15 29                           | 22 40                          | 5 56                           |
| 26  |    | -2.6         | 07 18 26.733  | +22 30 40.01    | 4.275599               | 2.06  | 23.05  | 15 25                           | 22 36                          | 5 51                           |
| 27  |    | -2.6         | 07 17 55.495  | +22 31 45.00    | 4.280965               | 2.05  | 23.03  | 15 20                           | 22 31                          | 5 47                           |
| 28  |    | -2.6         | 07 17 24.680  | +22 32 48.72    | 4.286626               | 2.05  | 23.00  | 15 16                           | 22 27                          | 5 43                           |
| 29  |    | -2.6         | 07 16 54.309  | +22 33 51.16    | 4.292580               | 2.05  | 22.96  | 15 11                           | 22 22                          | 5 38                           |
| 30  |    | -2.6         | 07 16 24.400  | +22 34 52.33    | 4.298824               | 2.05  | 22.93  | 15 7                            | 22 18                          | 5 34                           |
| 31  |    | -2.6         | 07 15 54.971  | +22 35 52.20    | 4.305354               | 2.04  | 22.90  | 15 2                            | 22 14                          | 5 29                           |
| 2 1 |    | -2.6         | 07 15 26.038  | +22 36 50.76    | 4.312168               | 2.04  | 22.86  | 14 58                           | 22 9                           | 5 25                           |
| 2 2 |    | -2.6         | 07 14 57.618  | +22 37 47.98    | 4.319262               | 2.04  | 22.82  | 14 53                           | 22 5                           | 5 21                           |
| 3   |    | -2.6         | 07 14 29.730  | +22 38 43.85    | 4.326634               | 2.03  | 22.78  | 14 49                           | 22 0                           | 5 16                           |
| 4   |    | -2.6         | 07 14 02.392  | +22 39 38.32    | 4.334280               | 2.03  | 22.74  | 14 44                           | 21 56                          | 5 12                           |
| 5   |    | -2.6         | 07 13 35.623  | +22 40 31.38    | 4.342198               | 2.03  | 22.70  | 14 40                           | 21 52                          | 5 8                            |
| 6   |    | -2.6         | 07 13 09.442  | +22 41 23.02    | 4.350384               | 2.02  | 22.66  | 14 35                           | 21 47                          | 5 3                            |
| 7   |    | -2.6         | 07 12 43.869  | +22 42 13.23    | 4.358834               | 2.02  | 22.61  | 14 31                           | 21 43                          | 4 59                           |
| 8   |    | -2.6         | 07 12 18.922  | +22 43 01.99    | 4.367546               | 2.01  | 22.57  | 14 27                           | 21 39                          | 4 55                           |
| 9   |    | -2.6         | 07 11 54.618  | +22 43 49.32    | 4.376516               | 2.01  | 22.52  | 14 22                           | 21 34                          | 4 51                           |
| 10  |    | -2.6         | 07 11 30.972  | +22 44 35.20    | 4.385740               | 2.01  | 22.48  | 14 18                           | 21 30                          | 4 46                           |
| 11  |    | -2.6         | 07 11 08.001  | +22 45 19.64    | 4.395215               | 2.00  | 22.43  | 14 14                           | 21 26                          | 4 42                           |
| 12  |    | -2.6         | 07 10 45.719  | +22 46 02.64    | 4.404937               | 2.00  | 22.38  | 14 9                            | 21 21                          | 4 38                           |
| 13  |    | -2.6         | 07 10 24.139  | +22 46 44.21    | 4.414902               | 1.99  | 22.33  | 14 5                            | 21 17                          | 4 33                           |
| 14  |    | -2.5         | 07 10 03.274  | +22 47 24.32    | 4.425105               | 1.99  | 22.28  | 14 1                            | 21 13                          | 4 29                           |
| 15  |    | -2.5         | 07 09 43.136  | +22 48 03.00    | 4.435543               | 1.98  | 22.22  | 13 56                           | 21 9                           | 4 25                           |

\* 23:57 にもう一度南中する .

木 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |       |        | 東京, 中央標準時                       |                                |                                |
|------|----|--------------|---|-----------------|------------------------|-------|--------|---------------------------------|--------------------------------|--------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径    | 出                               | 南中                             | 入                              |
| 2 15 |    | -2.5         | 07 <sup>h</sup> 09 <sup>m</sup> 43.136 <sup>s</sup> | +22° 48' 03.00" | 4.435543 <sup>au</sup> | 1.98" | 22.22" | 13 <sup>h</sup> 56 <sup>m</sup> | 21 <sup>h</sup> 9 <sup>m</sup> | 4 <sup>h</sup> 25 <sup>m</sup> |
| 16   |    | -2.5         | 07 09 23.738  | +22 48 40.21    | 4.446211               | 1.98  | 22.17  | 13 52                           | 21 4                           | 4 21                           |
| 17   |    | -2.5         | 07 09 05.089  | +22 49 15.97    | 4.457104               | 1.97  | 22.12  | 13 48                           | 21 0                           | 4 17                           |
| 18   |    | -2.5         | 07 08 47.203  | +22 49 50.25    | 4.468219               | 1.97  | 22.06  | 13 43                           | 20 56                          | 4 12                           |
| 19   |    | -2.5         | 07 08 30.089  | +22 50 23.05    | 4.479549               | 1.96  | 22.01  | 13 39                           | 20 52                          | 4 8                            |
| 20   |    | -2.5         | 07 08 13.759  | +22 50 54.34    | 4.491091               | 1.96  | 21.95  | 13 35                           | 20 47                          | 4 4                            |
| 21   |    | -2.5         | 07 07 58.224  | +22 51 24.13    | 4.502840               | 1.95  | 21.89  | 13 31                           | 20 43                          | 4 0                            |
| 22   |    | -2.5         | 07 07 43.495  | +22 51 52.42    | 4.514789               | 1.95  | 21.83  | 13 27                           | 20 39                          | 3 56                           |
| 23   |    | -2.5         | 07 07 29.580  | +22 52 19.22    | 4.526935               | 1.94  | 21.77  | 13 22                           | 20 35                          | 3 52                           |
| 24   |    | -2.5         | 07 07 16.486  | +22 52 44.53    | 4.539272               | 1.94  | 21.72  | 13 18                           | 20 31                          | 3 47                           |
| 25   |    | -2.5         | 07 07 04.218  | +22 53 08.40    | 4.551795               | 1.93  | 21.66  | 13 14                           | 20 27                          | 3 43                           |
| 26   |    | -2.5         | 07 06 52.779  | +22 53 30.82    | 4.564499               | 1.93  | 21.60  | 13 10                           | 20 23                          | 3 39                           |
| 27   |    | -2.5         | 07 06 42.170  | +22 53 51.83    | 4.577379               | 1.92  | 21.53  | 13 6                            | 20 18                          | 3 35                           |
| 28   |    | -2.4         | 07 06 32.392  | +22 54 11.41    | 4.590430               | 1.92  | 21.47  | 13 2                            | 20 14                          | 3 31                           |
| 3 1  |    | -2.4         | 07 06 23.446  | +22 54 29.59    | 4.603647               | 1.91  | 21.41  | 12 58                           | 20 10                          | 3 27                           |
| 2    |    | -2.4         | 07 06 15.332  | +22 54 46.35    | 4.617025               | 1.90  | 21.35  | 12 54                           | 20 6                           | 3 23                           |
| 3    |    | -2.4         | 07 06 08.053  | +22 55 01.69    | 4.630560               | 1.90  | 21.29  | 12 49                           | 20 2                           | 3 19                           |
| 4    |    | -2.4         | 07 06 01.612  | +22 55 15.61    | 4.644248               | 1.89  | 21.22  | 12 45                           | 19 58                          | 3 15                           |
| 5    |    | -2.4         | 07 05 56.012  | +22 55 28.11    | 4.658083               | 1.89  | 21.16  | 12 41                           | 19 54                          | 3 11                           |
| 6    |    | -2.4         | 07 05 51.254  | +22 55 39.18    | 4.672062               | 1.88  | 21.10  | 12 37                           | 19 50                          | 3 7                            |
| 7    |    | -2.4         | 07 05 47.343  | +22 55 48.85    | 4.686180               | 1.88  | 21.03  | 12 33                           | 19 46                          | 3 3                            |
| 8    |    | -2.4         | 07 05 44.279  | +22 55 57.12    | 4.700431               | 1.87  | 20.97  | 12 29                           | 19 42                          | 2 59                           |
| 9    |    | -2.4         | 07 05 42.063  | +22 56 04.01    | 4.714813               | 1.87  | 20.91  | 12 25                           | 19 38                          | 2 55                           |
| 10   |    | -2.4         | 07 05 40.695  | +22 56 09.52    | 4.729320               | 1.86  | 20.84  | 12 21                           | 19 34                          | 2 51                           |
| 11   | 留  | -2.4         | 07 05 40.175  | +22 56 13.67    | 4.743947               | 1.85  | 20.78  | 12 17                           | 19 30                          | 2 47                           |
| 12   |    | -2.4         | 07 05 40.501  | +22 56 16.47    | 4.758689               | 1.85  | 20.71  | 12 14                           | 19 26                          | 2 43                           |
| 13   |    | -2.3         | 07 05 41.670  | +22 56 17.91    | 4.773543               | 1.84  | 20.65  | 12 10                           | 19 22                          | 2 39                           |
| 14   |    | -2.3         | 07 05 43.682  | +22 56 18.01    | 4.788504               | 1.84  | 20.59  | 12 6                            | 19 19                          | 2 35                           |
| 15   |    | -2.3         | 07 05 46.533  | +22 56 16.76    | 4.803566               | 1.83  | 20.52  | 12 2                            | 19 15                          | 2 31                           |
| 16   |    | -2.3         | 07 05 50.220  | +22 56 14.17    | 4.818725               | 1.82  | 20.46  | 11 58                           | 19 11                          | 2 28                           |
| 17   |    | -2.3         | 07 05 54.741  | +22 56 10.21    | 4.833976               | 1.82  | 20.39  | 11 54                           | 19 7                           | 2 24                           |
| 18   |    | -2.3         | 07 06 00.094  | +22 56 04.88    | 4.849314               | 1.81  | 20.33  | 11 50                           | 19 3                           | 2 20                           |
| 19   |    | -2.3         | 07 06 06.276  | +22 55 58.16    | 4.864734               | 1.81  | 20.26  | 11 46                           | 18 59                          | 2 16                           |
| 20   |    | -2.3         | 07 06 13.285  | +22 55 50.06    | 4.880232               | 1.80  | 20.20  | 11 43                           | 18 56                          | 2 12                           |
| 21   |    | -2.3         | 07 06 21.122  | +22 55 40.56    | 4.895801               | 1.80  | 20.13  | 11 39                           | 18 52                          | 2 8                            |
| 22   |    | -2.3         | 07 06 29.781  | +22 55 29.67    | 4.911437               | 1.79  | 20.07  | 11 35                           | 18 48                          | 2 5                            |
| 23   |    | -2.3         | 07 06 39.260  | +22 55 17.40    | 4.927136               | 1.78  | 20.01  | 11 31                           | 18 44                          | 2 1                            |
| 24   |    | -2.3         | 07 06 49.552  | +22 55 03.77    | 4.942892               | 1.78  | 19.94  | 11 28                           | 18 40                          | 1 57                           |
| 25   |    | -2.3         | 07 07 00.649  | +22 54 48.81    | 4.958700               | 1.77  | 19.88  | 11 24                           | 18 37                          | 1 53                           |
| 26   |    | -2.2         | 07 07 12.542  | +22 54 32.50    | 4.974556               | 1.77  | 19.82  | 11 20                           | 18 33                          | 1 49                           |
| 27   |    | -2.2         | 07 07 25.222  | +22 54 14.87    | 4.990455               | 1.76  | 19.75  | 11 16                           | 18 29                          | 1 46                           |
| 28   |    | -2.2         | 07 07 38.679  | +22 53 55.91    | 5.006393               | 1.76  | 19.69  | 11 13                           | 18 26                          | 1 42                           |
| 29   |    | -2.2         | 07 07 52.906  | +22 53 35.60    | 5.022365               | 1.75  | 19.63  | 11 9                            | 18 22                          | 1 38                           |
| 30   |    | -2.2         | 07 08 07.895  | +22 53 13.95    | 5.038369               | 1.75  | 19.56  | 11 5                            | 18 18                          | 1 35                           |
| 31   |    | -2.2         | 07 08 23.639  | +22 52 50.93    | 5.054398               | 1.74  | 19.50  | 11 2                            | 18 14                          | 1 31                           |
| 4 1  |    | -2.2         | 07 08 40.133  | +22 52 26.54    | 5.070450               | 1.73  | 19.44  | 10 58                           | 18 11                          | 1 27                           |
| 2    |    | -2.2         | 07 08 57.372  | +22 52 00.78    | 5.086521               | 1.73  | 19.38  | 10 55                           | 18 7                           | 1 23                           |

木 星 令和 8 年 2026

| 月 日 | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |       |        | 東京, 中央標準時                       |                                |                                |
|-----|----|--------------|---|-----------------|------------------------|-------|--------|---------------------------------|--------------------------------|--------------------------------|
|     |    | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径    | 出                               | 南中                             | 入                              |
| 4 2 |    | -2.2         | 07 <sup>h</sup> 08 <sup>m</sup> 57.372 <sup>s</sup> | +22° 52' 00.78" | 5.086521 <sup>au</sup> | 1.73" | 19.38" | 10 <sup>h</sup> 55 <sup>m</sup> | 18 <sup>h</sup> 7 <sup>m</sup> | 1 <sup>h</sup> 23 <sup>m</sup> |
| 3   |    | -2.2         | 07 09 15.350  | +22 51 33.64    | 5.102608               | 1.72  | 19.32  | 10 51                           | 18 4                           | 1 20                           |
| 4   |    | -2.2         | 07 09 34.062  | +22 51 05.14    | 5.118705               | 1.72  | 19.26  | 10 47                           | 18 0                           | 1 16                           |
| 5   |    | -2.2         | 07 09 53.500  | +22 50 35.27    | 5.134810               | 1.71  | 19.20  | 10 44                           | 17 56                          | 1 13                           |
| 6   |    | -2.2         | 07 10 13.658  | +22 50 04.03    | 5.150918               | 1.71  | 19.14  | 10 40                           | 17 53                          | 1 9                            |
| 7   |    | -2.2         | 07 10 34.529  | +22 49 31.44    | 5.167027               | 1.70  | 19.08  | 10 37                           | 17 49                          | 1 5                            |
| 8   |    | -2.2         | 07 10 56.104  | +22 48 57.49    | 5.183132               | 1.70  | 19.02  | 10 33                           | 17 46                          | 1 2                            |
| 9   |    | -2.1         | 07 11 18.377  | +22 48 22.18    | 5.199229               | 1.69  | 18.96  | 10 30                           | 17 42                          | 0 58                           |
| 10  |    | -2.1         | 07 11 41.340  | +22 47 45.51    | 5.215315               | 1.69  | 18.90  | 10 26                           | 17 38                          | 0 54                           |
| 11  |    | -2.1         | 07 12 04.983  | +22 47 07.46    | 5.231386               | 1.68  | 18.84  | 10 23                           | 17 35                          | 0 51                           |
| 12  |    | -2.1         | 07 12 29.299  | +22 46 28.04    | 5.247439               | 1.68  | 18.78  | 10 19                           | 17 31                          | 0 47                           |
| 13  |    | -2.1         | 07 12 54.281  | +22 45 47.22    | 5.263469               | 1.67  | 18.73  | 10 16                           | 17 28                          | 0 44                           |
| 14  |    | -2.1         | 07 13 19.921  | +22 45 04.99    | 5.279473               | 1.67  | 18.67  | 10 12                           | 17 24                          | 0 40                           |
| 15  |    | -2.1         | 07 13 46.213  | +22 44 21.33    | 5.295446               | 1.66  | 18.61  | 10 9                            | 17 21                          | 0 37                           |
| 16  |    | -2.1         | 07 14 13.150  | +22 43 36.22    | 5.311386               | 1.66  | 18.56  | 10 5                            | 17 17                          | 0 33                           |
| 17  |    | -2.1         | 07 14 40.727  | +22 42 49.66    | 5.327288               | 1.65  | 18.50  | 10 2                            | 17 14                          | 0 30                           |
| 18  |    | -2.1         | 07 15 08.939  | +22 42 01.62    | 5.343148               | 1.65  | 18.45  | 9 58                            | 17 10                          | 0 26                           |
| 19  |    | -2.1         | 07 15 37.779  | +22 41 12.12    | 5.358962               | 1.64  | 18.39  | 9 55                            | 17 7                           | 0 23                           |
| 20  |    | -2.1         | 07 16 07.238  | +22 40 21.17    | 5.374727               | 1.64  | 18.34  | 9 52                            | 17 4                           | 0 19                           |
| 21  |    | -2.1         | 07 16 37.306  | +22 39 28.78    | 5.390438               | 1.63  | 18.29  | 9 48                            | 17 0                           | 0 16                           |
| 22  |    | -2.1         | 07 17 07.972  | +22 38 34.96    | 5.406093               | 1.63  | 18.23  | 9 45                            | 16 57                          | 0 12                           |
| 23  |    | -2.1         | 07 17 39.222  | +22 37 39.71    | 5.421688               | 1.62  | 18.18  | 9 41                            | 16 53                          | 0 9                            |
| 24  |    | -2.1         | 07 18 11.047  | +22 36 43.03    | 5.437219               | 1.62  | 18.13  | 9 38                            | 16 50                          | 0 5                            |
| 25  |    | -2.0         | 07 18 43.435  | +22 35 44.89    | 5.452684               | 1.61  | 18.08  | 9 35                            | 16 47                          | 0 2*                           |
| 26  |    | -2.0         | 07 19 16.376  | +22 34 45.30    | 5.468079               | 1.61  | 18.03  | 9 31                            | 16 43                          | 23 55                          |
| 27  |    | -2.0         | 07 19 49.864  | +22 33 44.23    | 5.483402               | 1.60  | 17.98  | 9 28                            | 16 40                          | 23 51                          |
| 28  |    | -2.0         | 07 20 23.891  | +22 32 41.67    | 5.498651               | 1.60  | 17.93  | 9 25                            | 16 36                          | 23 48                          |
| 29  |    | -2.0         | 07 20 58.450  | +22 31 37.61    | 5.513821               | 1.59  | 17.88  | 9 22                            | 16 33                          | 23 45                          |
| 30  |    | -2.0         | 07 21 33.534  | +22 30 32.06    | 5.528912               | 1.59  | 17.83  | 9 18                            | 16 30                          | 23 41                          |
| 5 1 |    | -2.0         | 07 22 09.135  | +22 29 25.00    | 5.543919               | 1.59  | 17.78  | 9 15                            | 16 26                          | 23 38                          |
| 2   |    | -2.0         | 07 22 45.248  | +22 28 16.45    | 5.558842               | 1.58  | 17.73  | 9 12                            | 16 23                          | 23 34                          |
| 3   |    | -2.0         | 07 23 21.865  | +22 27 06.40    | 5.573676               | 1.58  | 17.69  | 9 8                             | 16 20                          | 23 31                          |
| 4   |    | -2.0         | 07 23 58.977  | +22 25 54.85    | 5.588420               | 1.57  | 17.64  | 9 5                             | 16 16                          | 23 28                          |
| 5   |    | -2.0         | 07 24 36.576  | +22 24 41.81    | 5.603071               | 1.57  | 17.59  | 9 2                             | 16 13                          | 23 24                          |
| 6   |    | -2.0         | 07 25 14.655  | +22 23 27.27    | 5.617627               | 1.57  | 17.55  | 8 59                            | 16 10                          | 23 21                          |
| 7   |    | -2.0         | 07 25 53.204  | +22 22 11.23    | 5.632085               | 1.56  | 17.50  | 8 56                            | 16 7                           | 23 17                          |
| 8   |    | -2.0         | 07 26 32.216  | +22 20 53.68    | 5.646442               | 1.56  | 17.46  | 8 52                            | 16 3                           | 23 14                          |
| 9   |    | -2.0         | 07 27 11.683  | +22 19 34.62    | 5.660696               | 1.55  | 17.41  | 8 49                            | 16 0                           | 23 11                          |
| 10  |    | -2.0         | 07 27 51.596  | +22 18 14.03    | 5.674845               | 1.55  | 17.37  | 8 46                            | 15 57                          | 23 7                           |
| 11  |    | -2.0         | 07 28 31.948  | +22 16 51.91    | 5.688885               | 1.55  | 17.33  | 8 43                            | 15 53                          | 23 4                           |
| 12  |    | -2.0         | 07 29 12.733  | +22 15 28.22    | 5.702815               | 1.54  | 17.28  | 8 40                            | 15 50                          | 23 1                           |
| 13  |    | -2.0         | 07 29 53.945  | +22 14 02.97    | 5.716631               | 1.54  | 17.24  | 8 36                            | 15 47                          | 22 57                          |
| 14  |    | -1.9         | 07 30 35.578  | +22 12 36.12    | 5.730331               | 1.53  | 17.20  | 8 33                            | 15 44                          | 22 54                          |
| 15  |    | -1.9         | 07 31 17.627  | +22 11 07.68    | 5.743913               | 1.53  | 17.16  | 8 30                            | 15 40                          | 22 51                          |
| 16  |    | -1.9         | 07 32 00.088  | +22 09 37.64    | 5.757373               | 1.53  | 17.12  | 8 27                            | 15 37                          | 22 47                          |
| 17  |    | -1.9         | 07 32 42.952  | +22 08 06.02    | 5.770708               | 1.52  | 17.08  | 8 24                            | 15 34                          | 22 44                          |
| 18  |    | -1.9         | 07 33 26.213  | +22 06 32.82    | 5.783917               | 1.52  | 17.04  | 8 21                            | 15 31                          | 22 41                          |

\* 23:58 にもう一度入となる。



## 木 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |   |                             | 地球時 0 <sup>h</sup>     |       |        | 東京, 中央標準時                      |                                 |                                 |
|------|----|--------------|---|-----------------------------|------------------------|-------|--------|--------------------------------|---------------------------------|---------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯                         | 距離                     | 視差    | 視半径    | 出                              | 南中                              | 入                               |
| 5 18 |    | -1.9         | 07 <sup>h</sup> 33 <sup>m</sup> 26.213 <sup>s</sup> | +22 <sup>o</sup> 06' 32.82" | 5.783917 <sup>au</sup> | 1.52" | 17.04" | 8 <sup>h</sup> 21 <sup>m</sup> | 15 <sup>h</sup> 31 <sup>m</sup> | 22 <sup>h</sup> 41 <sup>m</sup> |
| 19   |    | -1.9         | 07 34 09.858  | +22 04 58.06                | 5.796996               | 1.52  | 17.00  | 8 18                           | 15 28                           | 22 38                           |
| 20   |    | -1.9         | 07 34 53.878  | +22 03 21.77                | 5.809944               | 1.51  | 16.97  | 8 15                           | 15 24                           | 22 34                           |
| 21   |    | -1.9         | 07 35 38.260  | +22 01 43.93                | 5.822757               | 1.51  | 16.93  | 8 11                           | 15 21                           | 22 31                           |
| 22   |    | -1.9         | 07 36 22.995  | +22 00 04.54                | 5.835435               | 1.51  | 16.89  | 8 8                            | 15 18                           | 22 28                           |
| 23   |    | -1.9         | 07 37 08.074  | +21 58 23.58                | 5.847974               | 1.50  | 16.86  | 8 5                            | 15 15                           | 22 24                           |
| 24   |    | -1.9         | 07 37 53.490  | +21 56 41.06                | 5.860374               | 1.50  | 16.82  | 8 2                            | 15 12                           | 22 21                           |
| 25   |    | -1.9         | 07 38 39.236  | +21 54 56.96                | 5.872633               | 1.50  | 16.79  | 7 59                           | 15 8                            | 22 18                           |
| 26   |    | -1.9         | 07 39 25.307  | +21 53 11.27                | 5.884749               | 1.49  | 16.75  | 7 56                           | 15 5                            | 22 15                           |
| 27   |    | -1.9         | 07 40 11.698  | +21 51 24.00                | 5.896720               | 1.49  | 16.72  | 7 53                           | 15 2                            | 22 11                           |
| 28   |    | -1.9         | 07 40 58.401  | +21 49 35.15                | 5.908545               | 1.49  | 16.68  | 7 50                           | 14 59                           | 22 8                            |
| 29   |    | -1.9         | 07 41 45.412  | +21 47 44.73                | 5.920222               | 1.49  | 16.65  | 7 47                           | 14 56                           | 22 5                            |
| 30   |    | -1.9         | 07 42 32.724  | +21 45 52.73                | 5.931751               | 1.48  | 16.62  | 7 44                           | 14 53                           | 22 2                            |
| 31   |    | -1.9         | 07 43 20.331  | +21 43 59.18                | 5.943129               | 1.48  | 16.59  | 7 41                           | 14 50                           | 21 58                           |
| 6 1  |    | -1.9         | 07 44 08.225  | +21 42 04.07                | 5.954355               | 1.48  | 16.55  | 7 38                           | 14 46                           | 21 55                           |
| 2    |    | -1.9         | 07 44 56.399  | +21 40 07.41                | 5.965427               | 1.47  | 16.52  | 7 35                           | 14 43                           | 21 52                           |
| 3    |    | -1.9         | 07 45 44.847  | +21 38 09.21                | 5.976345               | 1.47  | 16.49  | 7 32                           | 14 40                           | 21 49                           |
| 4    |    | -1.9         | 07 46 33.562  | +21 36 09.46                | 5.987105               | 1.47  | 16.46  | 7 29                           | 14 37                           | 21 45                           |
| 5    |    | -1.9         | 07 47 22.535  | +21 34 08.17                | 5.997708               | 1.47  | 16.44  | 7 26                           | 14 34                           | 21 42                           |
| 6    |    | -1.9         | 07 48 11.762  | +21 32 05.33                | 6.008152               | 1.46  | 16.41  | 7 23                           | 14 31                           | 21 39                           |
| 7    |    | -1.9         | 07 49 01.236  | +21 30 00.93                | 6.018434               | 1.46  | 16.38  | 7 20                           | 14 28                           | 21 36                           |
| 8    |    | -1.9         | 07 49 50.951  | +21 27 54.97                | 6.028553               | 1.46  | 16.35  | 7 17                           | 14 25                           | 21 32                           |
| 9    |    | -1.9         | 07 50 40.902  | +21 25 47.44                | 6.038508               | 1.46  | 16.32  | 7 14                           | 14 22                           | 21 29                           |
| 10   |    | -1.9         | 07 51 31.086  | +21 23 38.32                | 6.048296               | 1.45  | 16.30  | 7 11                           | 14 18                           | 21 26                           |
| 11   |    | -1.9         | 07 52 21.497  | +21 21 27.63                | 6.057917               | 1.45  | 16.27  | 7 8                            | 14 15                           | 21 23                           |
| 12   |    | -1.8         | 07 53 12.134  | +21 19 15.34                | 6.067368               | 1.45  | 16.25  | 7 5                            | 14 12                           | 21 20                           |
| 13   |    | -1.8         | 07 54 02.990  | +21 17 01.49                | 6.076648               | 1.45  | 16.22  | 7 2                            | 14 9                            | 21 16                           |
| 14   |    | -1.8         | 07 54 54.060  | +21 14 46.08                | 6.085755               | 1.45  | 16.20  | 6 59                           | 14 6                            | 21 13                           |
| 15   |    | -1.8         | 07 55 45.336  | +21 12 29.15                | 6.094687               | 1.44  | 16.17  | 6 56                           | 14 3                            | 21 10                           |
| 16   |    | -1.8         | 07 56 36.810  | +21 10 10.70                | 6.103442               | 1.44  | 16.15  | 6 53                           | 14 0                            | 21 7                            |
| 17   |    | -1.8         | 07 57 28.469  | +21 07 50.77                | 6.112019               | 1.44  | 16.13  | 6 50                           | 13 57                           | 21 3                            |
| 18   |    | -1.8         | 07 58 20.306  | +21 05 29.36                | 6.120418               | 1.44  | 16.11  | 6 47                           | 13 54                           | 21 0                            |
| 19   |    | -1.8         | 07 59 12.312  | +21 03 06.46                | 6.128636               | 1.43  | 16.08  | 6 44                           | 13 51                           | 20 57                           |
| 20   |    | -1.8         | 08 00 04.481  | +21 00 42.08                | 6.136673               | 1.43  | 16.06  | 6 41                           | 13 48                           | 20 54                           |
| 21   |    | -1.8         | 08 00 56.807  | +20 58 16.21                | 6.144528               | 1.43  | 16.04  | 6 38                           | 13 45                           | 20 51                           |
| 22   |    | -1.8         | 08 01 49.286  | +20 55 48.86                | 6.152200               | 1.43  | 16.02  | 6 35                           | 13 41                           | 20 47                           |
| 23   |    | -1.8         | 08 02 41.915  | +20 53 20.02                | 6.159689               | 1.43  | 16.00  | 6 33                           | 13 38                           | 20 44                           |
| 24   |    | -1.8         | 08 03 34.688  | +20 50 49.72                | 6.166993               | 1.43  | 15.98  | 6 30                           | 13 35                           | 20 41                           |
| 25   |    | -1.8         | 08 04 27.600  | +20 48 17.96                | 6.174112               | 1.42  | 15.97  | 6 27                           | 13 32                           | 20 38                           |
| 26   |    | -1.8         | 08 05 20.648  | +20 45 44.77                | 6.181046               | 1.42  | 15.95  | 6 24                           | 13 29                           | 20 35                           |
| 27   |    | -1.8         | 08 06 13.825  | +20 43 10.15                | 6.187793               | 1.42  | 15.93  | 6 21                           | 13 26                           | 20 31                           |
| 28   |    | -1.8         | 08 07 07.126  | +20 40 34.12                | 6.194353               | 1.42  | 15.91  | 6 18                           | 13 23                           | 20 28                           |
| 29   |    | -1.8         | 08 08 00.545  | +20 37 56.69                | 6.200726               | 1.42  | 15.90  | 6 15                           | 13 20                           | 20 25                           |
| 30   |    | -1.8         | 08 08 54.076  | +20 35 17.89                | 6.206911               | 1.42  | 15.88  | 6 12                           | 13 17                           | 20 22                           |
| 7 1  |    | -1.8         | 08 09 47.713  | +20 32 37.72                | 6.212906               | 1.42  | 15.87  | 6 9                            | 13 14                           | 20 19                           |
| 2    |    | -1.8         | 08 10 41.451  | +20 29 56.19                | 6.218712               | 1.41  | 15.85  | 6 6                            | 13 11                           | 20 15                           |
| 3    |    | -1.8         | 08 11 35.283  | +20 27 13.30                | 6.224327               | 1.41  | 15.84  | 6 4                            | 13 8                            | 20 12                           |

木 星 令和 8 年 2026

| 月 日     | 状況 | 真春分点にもとづく座標系      |   |                             | 地球時 0 <sup>h</sup>     |       |        | 東京, 中央標準時                     |                                |                                 |
|---------|----|-------------------|---|-----------------------------|------------------------|-------|--------|-------------------------------|--------------------------------|---------------------------------|
|         |    | 等級                | 視赤経   | 視赤緯                         | 距離                     | 視差    | 視半径    | 出                             | 南中                             | 入                               |
| 7 月 3 日 |    | -1.8 <sup>等</sup> | 08 <sup>h</sup> 11 <sup>m</sup> 35.283 <sup>s</sup> | +20 <sup>°</sup> 27' 13.30" | 6.224327 <sup>au</sup> | 1.41" | 15.84" | 6 <sup>h</sup> 4 <sup>m</sup> | 13 <sup>h</sup> 8 <sup>m</sup> | 20 <sup>h</sup> 12 <sup>m</sup> |
| 4       |    | -1.8              | 08 12 29.206  | +20 24 29.06                | 6.229751               | 1.41  | 15.82  | 6 1                           | 13 5                           | 20 9                            |
| 5       |    | -1.8              | 08 13 23.214  | +20 21 43.47                | 6.234983               | 1.41  | 15.81  | 5 58                          | 13 2                           | 20 6                            |
| 6       |    | -1.8              | 08 14 17.304  | +20 18 56.53                | 6.240022               | 1.41  | 15.80  | 5 55                          | 12 59                          | 20 3                            |
| 7       |    | -1.8              | 08 15 11.472  | +20 16 08.24                | 6.244867               | 1.41  | 15.78  | 5 52                          | 12 56                          | 19 59                           |
| 8       |    | -1.8              | 08 16 05.715  | +20 13 18.61                | 6.249517               | 1.41  | 15.77  | 5 49                          | 12 53                          | 19 56                           |
| 9       |    | -1.8              | 08 17 00.030  | +20 10 27.64                | 6.253972               | 1.41  | 15.76  | 5 46                          | 12 50                          | 19 53                           |
| 10      |    | -1.8              | 08 17 54.414  | +20 07 35.35                | 6.258230               | 1.41  | 15.75  | 5 43                          | 12 47                          | 19 50                           |
| 11      |    | -1.8              | 08 18 48.864  | +20 04 41.76                | 6.262290               | 1.40  | 15.74  | 5 41                          | 12 44                          | 19 47                           |
| 12      |    | -1.8              | 08 19 43.372  | +20 01 46.90                | 6.266152               | 1.40  | 15.73  | 5 38                          | 12 41                          | 19 44                           |
| 13      |    | -1.8              | 08 20 37.933  | +19 58 50.80                | 6.269814               | 1.40  | 15.72  | 5 35                          | 12 38                          | 19 40                           |
| 14      |    | -1.8              | 08 21 32.537  | +19 55 53.50                | 6.273276               | 1.40  | 15.71  | 5 32                          | 12 35                          | 19 37                           |
| 15      |    | -1.8              | 08 22 27.175  | +19 52 55.01                | 6.276536               | 1.40  | 15.70  | 5 29                          | 12 32                          | 19 34                           |
| 16      |    | -1.8              | 08 23 21.840  | +19 49 55.36                | 6.279595               | 1.40  | 15.70  | 5 26                          | 12 29                          | 19 31                           |
| 17      |    | -1.8              | 08 24 16.525  | +19 46 54.55                | 6.282453               | 1.40  | 15.69  | 5 23                          | 12 26                          | 19 28                           |
| 18      |    | -1.8              | 08 25 11.226  | +19 43 52.58                | 6.285108               | 1.40  | 15.68  | 5 21                          | 12 23                          | 19 24                           |
| 19      |    | -1.8              | 08 26 05.938  | +19 40 49.47                | 6.287560               | 1.40  | 15.68  | 5 18                          | 12 19                          | 19 21                           |
| 20      |    | -1.8              | 08 27 00.660  | +19 37 45.23                | 6.289811               | 1.40  | 15.67  | 5 15                          | 12 16                          | 19 18                           |
| 21      |    | -1.8              | 08 27 55.386  | +19 34 39.88                | 6.291859               | 1.40  | 15.67  | 5 12                          | 12 13                          | 19 15                           |
| 22      |    | -1.8              | 08 28 50.113  | +19 31 33.44                | 6.293705               | 1.40  | 15.66  | 5 9                           | 12 10                          | 19 12                           |
| 23      |    | -1.8              | 08 29 44.838  | +19 28 25.93                | 6.295349               | 1.40  | 15.66  | 5 6                           | 12 7                           | 19 8                            |
| 24      |    | -1.8              | 08 30 39.555  | +19 25 17.39                | 6.296790               | 1.40  | 15.65  | 5 3                           | 12 4                           | 19 5                            |
| 25      |    | -1.8              | 08 31 34.259  | +19 22 07.83                | 6.298029               | 1.40  | 15.65  | 5 1                           | 12 1                           | 19 2                            |
| 26      |    | -1.8              | 08 32 28.947  | +19 18 57.28                | 6.299067               | 1.40  | 15.65  | 4 58                          | 11 58                          | 18 59                           |
| 27      |    | -1.8              | 08 33 23.614  | +19 15 45.77                | 6.299902               | 1.40  | 15.65  | 4 55                          | 11 55                          | 18 56                           |
| 28      |    | -1.8              | 08 34 18.257  | +19 12 33.36                | 6.300535               | 1.40  | 15.65  | 4 52                          | 11 52                          | 18 52                           |
| 29      | 合  | -1.8              | 08 35 12.872  | +19 09 20.31                | 6.300966               | 1.40  | 15.64  | 4 49                          | 11 49                          | 18 49                           |
| 30      |    | -1.8              | 08 36 07.381  | +19 06 06.23                | 6.301196               | 1.40  | 15.64  | 4 46                          | 11 46                          | 18 46                           |
| 31      |    | -1.8              | 08 37 01.901  | +19 02 50.64                | 6.301223               | 1.40  | 15.64  | 4 44                          | 11 43                          | 18 43                           |
| 8 月 1 日 |    | -1.8              | 08 37 56.379  | +18 59 34.47                | 6.301048               | 1.40  | 15.64  | 4 41                          | 11 40                          | 18 40                           |
| 2       |    | -1.8              | 08 38 50.804  | +18 56 17.49                | 6.300670               | 1.40  | 15.64  | 4 38                          | 11 37                          | 18 36                           |
| 3       |    | -1.8              | 08 39 45.175  | +18 52 59.66                | 6.300090               | 1.40  | 15.65  | 4 35                          | 11 34                          | 18 33                           |
| 4       |    | -1.8              | 08 40 39.489  | +18 49 40.99                | 6.299308               | 1.40  | 15.65  | 4 32                          | 11 31                          | 18 30                           |
| 5       |    | -1.8              | 08 41 33.744  | +18 46 21.49                | 6.298323               | 1.40  | 15.65  | 4 29                          | 11 28                          | 18 27                           |
| 6       |    | -1.8              | 08 42 27.938  | +18 43 01.18                | 6.297134               | 1.40  | 15.65  | 4 26                          | 11 25                          | 18 23                           |
| 7       |    | -1.8              | 08 43 22.067  | +18 39 40.08                | 6.295742               | 1.40  | 15.66  | 4 24                          | 11 22                          | 18 20                           |
| 8       |    | -1.8              | 08 44 16.127  | +18 36 18.24                | 6.294147               | 1.40  | 15.66  | 4 21                          | 11 19                          | 18 17                           |
| 9       |    | -1.8              | 08 45 10.111  | +18 32 55.68                | 6.292347               | 1.40  | 15.67  | 4 18                          | 11 16                          | 18 14                           |
| 10      |    | -1.8              | 08 46 04.012  | +18 29 32.46                | 6.290343               | 1.40  | 15.67  | 4 15                          | 11 13                          | 18 11                           |
| 11      |    | -1.8              | 08 46 57.822  | +18 26 08.61                | 6.288135               | 1.40  | 15.68  | 4 12                          | 11 10                          | 18 7                            |
| 12      |    | -1.8              | 08 47 51.534  | +18 22 44.15                | 6.285723               | 1.40  | 15.68  | 4 9                           | 11 7                           | 18 4                            |
| 13      |    | -1.8              | 08 48 45.140  | +18 19 19.12                | 6.283108               | 1.40  | 15.69  | 4 6                           | 11 4                           | 18 1                            |
| 14      |    | -1.8              | 08 49 38.635  | +18 15 53.53                | 6.280288               | 1.40  | 15.70  | 4 4                           | 11 1                           | 17 58                           |
| 15      |    | -1.8              | 08 50 32.015  | +18 12 27.41                | 6.277266               | 1.40  | 15.70  | 4 1                           | 10 58                          | 17 54                           |
| 16      |    | -1.8              | 08 51 25.278  | +18 09 00.76                | 6.274042               | 1.40  | 15.71  | 3 58                          | 10 55                          | 17 51                           |
| 17      |    | -1.8              | 08 52 18.419  | +18 05 33.62                | 6.270615               | 1.40  | 15.72  | 3 55                          | 10 52                          | 17 48                           |
| 18      |    | -1.8              | 08 53 11.435  | +18 02 06.01                | 6.266988               | 1.40  | 15.73  | 3 52                          | 10 48                          | 17 45                           |

木 星 令和 8 年 2026

| 月 日      | 状況 | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>     |       |        | 東京, 中央標準時                      |                                 |                                 |
|----------|----|-------------------|---|-----------------|------------------------|-------|--------|--------------------------------|---------------------------------|---------------------------------|
|          |    | 等級                | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径    | 出                              | 南中                              | 入                               |
| 8 月 18 日 |    | -1.8 <sup>等</sup> | 08 <sup>h</sup> 53 <sup>m</sup> 11.435 <sup>s</sup> | +18° 02' 06.01" | 6.266988 <sup>au</sup> | 1.40" | 15.73" | 3 <sup>h</sup> 52 <sup>m</sup> | 10 <sup>h</sup> 48 <sup>m</sup> | 17 <sup>h</sup> 45 <sup>m</sup> |
| 19       |    | -1.8              | 08 54 04.322  | +17 58 37.98    | 6.263161               | 1.40  | 15.74  | 3 49                           | 10 45                           | 17 41                           |
| 20       |    | -1.8              | 08 54 57.076  | +17 55 09.55    | 6.259134               | 1.41  | 15.75  | 3 46                           | 10 42                           | 17 38                           |
| 21       |    | -1.8              | 08 55 49.692  | +17 51 40.76    | 6.254909               | 1.41  | 15.76  | 3 44                           | 10 39                           | 17 35                           |
| 22       |    | -1.8              | 08 56 42.164  | +17 48 11.65    | 6.250486               | 1.41  | 15.77  | 3 41                           | 10 36                           | 17 32                           |
| 23       |    | -1.8              | 08 57 34.488  | +17 44 42.26    | 6.245866               | 1.41  | 15.78  | 3 38                           | 10 33                           | 17 28                           |
| 24       |    | -1.8              | 08 58 26.658  | +17 41 12.60    | 6.241049               | 1.41  | 15.79  | 3 35                           | 10 30                           | 17 25                           |
| 25       |    | -1.8              | 08 59 18.669  | +17 37 42.72    | 6.236038               | 1.41  | 15.81  | 3 32                           | 10 27                           | 17 22                           |
| 26       |    | -1.8              | 09 00 10.515  | +17 34 12.64    | 6.230831               | 1.41  | 15.82  | 3 29                           | 10 24                           | 17 19                           |
| 27       |    | -1.8              | 09 01 02.193  | +17 30 42.39    | 6.225431               | 1.41  | 15.83  | 3 26                           | 10 21                           | 17 15                           |
| 28       |    | -1.8              | 09 01 53.697  | +17 27 11.99    | 6.219838               | 1.41  | 15.85  | 3 23                           | 10 18                           | 17 12                           |
| 29       |    | -1.8              | 09 02 45.024  | +17 23 41.46    | 6.214051               | 1.42  | 15.86  | 3 21                           | 10 15                           | 17 9                            |
| 30       |    | -1.8              | 09 03 36.171  | +17 20 10.83    | 6.208073               | 1.42  | 15.88  | 3 18                           | 10 12                           | 17 6                            |
| 31       |    | -1.8              | 09 04 27.135  | +17 16 40.10    | 6.201904               | 1.42  | 15.89  | 3 15                           | 10 9                            | 17 2                            |
| 9 月 1    |    | -1.8              | 09 05 17.913  | +17 13 09.30    | 6.195544               | 1.42  | 15.91  | 3 12                           | 10 5                            | 16 59                           |
| 2        |    | -1.8              | 09 06 08.502  | +17 09 38.47    | 6.188994               | 1.42  | 15.93  | 3 9                            | 10 2                            | 16 56                           |
| 3        |    | -1.8              | 09 06 58.900  | +17 06 07.63    | 6.182254               | 1.42  | 15.94  | 3 6                            | 9 59                            | 16 52                           |
| 4        |    | -1.8              | 09 07 49.101  | +17 02 36.84    | 6.175325               | 1.42  | 15.96  | 3 3                            | 9 56                            | 16 49                           |
| 5        |    | -1.8              | 09 08 39.100  | +16 59 06.14    | 6.168207               | 1.43  | 15.98  | 3 0                            | 9 53                            | 16 46                           |
| 6        |    | -1.8              | 09 09 28.888  | +16 55 35.58    | 6.160901               | 1.43  | 16.00  | 2 57                           | 9 50                            | 16 43                           |
| 7        |    | -1.8              | 09 10 18.459  | +16 52 05.21    | 6.153407               | 1.43  | 16.02  | 2 54                           | 9 47                            | 16 39                           |
| 8        |    | -1.8              | 09 11 07.805  | +16 48 35.07    | 6.145727               | 1.43  | 16.04  | 2 51                           | 9 44                            | 16 36                           |
| 9        |    | -1.8              | 09 11 56.917  | +16 45 05.20    | 6.137862               | 1.43  | 16.06  | 2 49                           | 9 41                            | 16 33                           |
| 10       |    | -1.8              | 09 12 45.790  | +16 41 35.64    | 6.129812               | 1.43  | 16.08  | 2 46                           | 9 38                            | 16 29                           |
| 11       |    | -1.8              | 09 13 34.419  | +16 38 06.41    | 6.121579               | 1.44  | 16.10  | 2 43                           | 9 34                            | 16 26                           |
| 12       |    | -1.8              | 09 14 22.800  | +16 34 37.55    | 6.113164               | 1.44  | 16.12  | 2 40                           | 9 31                            | 16 23                           |
| 13       |    | -1.8              | 09 15 10.928  | +16 31 09.08    | 6.104568               | 1.44  | 16.15  | 2 37                           | 9 28                            | 16 19                           |
| 14       |    | -1.8              | 09 15 58.800  | +16 27 41.06    | 6.095794               | 1.44  | 16.17  | 2 34                           | 9 25                            | 16 16                           |
| 15       |    | -1.8              | 09 16 46.411  | +16 24 13.51    | 6.086842               | 1.44  | 16.19  | 2 31                           | 9 22                            | 16 13                           |
| 16       |    | -1.8              | 09 17 33.757  | +16 20 46.48    | 6.077715               | 1.45  | 16.22  | 2 28                           | 9 19                            | 16 9                            |
| 17       |    | -1.8              | 09 18 20.831  | +16 17 20.03    | 6.068414               | 1.45  | 16.24  | 2 25                           | 9 16                            | 16 6                            |
| 18       |    | -1.8              | 09 19 07.629  | +16 13 54.19    | 6.058941               | 1.45  | 16.27  | 2 22                           | 9 12                            | 16 3                            |
| 19       |    | -1.8              | 09 19 54.144  | +16 10 29.01    | 6.049298               | 1.45  | 16.29  | 2 19                           | 9 9                             | 15 59                           |
| 20       |    | -1.8              | 09 20 40.370  | +16 07 04.54    | 6.039485               | 1.46  | 16.32  | 2 16                           | 9 6                             | 15 56                           |
| 21       |    | -1.8              | 09 21 26.301  | +16 03 40.82    | 6.029506               | 1.46  | 16.35  | 2 13                           | 9 3                             | 15 53                           |
| 22       |    | -1.8              | 09 22 11.932  | +16 00 17.88    | 6.019361               | 1.46  | 16.38  | 2 10                           | 9 0                             | 15 49                           |
| 23       |    | -1.8              | 09 22 57.257  | +15 56 55.77    | 6.009052               | 1.46  | 16.40  | 2 7                            | 8 57                            | 15 46                           |
| 24       |    | -1.9              | 09 23 42.270  | +15 53 34.52    | 5.998581               | 1.47  | 16.43  | 2 4                            | 8 53                            | 15 43                           |
| 25       |    | -1.9              | 09 24 26.967  | +15 50 14.15    | 5.987950               | 1.47  | 16.46  | 2 1                            | 8 50                            | 15 39                           |
| 26       |    | -1.9              | 09 25 11.343  | +15 46 54.71    | 5.977161               | 1.47  | 16.49  | 1 58                           | 8 47                            | 15 36                           |
| 27       |    | -1.9              | 09 25 55.396  | +15 43 36.21    | 5.966214               | 1.47  | 16.52  | 1 55                           | 8 44                            | 15 33                           |
| 28       |    | -1.9              | 09 26 39.121  | +15 40 18.69    | 5.955112               | 1.48  | 16.55  | 1 52                           | 8 41                            | 15 29                           |
| 29       |    | -1.9              | 09 27 22.517  | +15 37 02.18    | 5.943855               | 1.48  | 16.58  | 1 49                           | 8 37                            | 15 26                           |
| 30       |    | -1.9              | 09 28 05.578  | +15 33 46.72    | 5.932446               | 1.48  | 16.62  | 1 46                           | 8 34                            | 15 22                           |
| 10 月 1   |    | -1.9              | 09 28 48.299  | +15 30 32.37    | 5.920886               | 1.49  | 16.65  | 1 43                           | 8 31                            | 15 19                           |
| 2        |    | -1.9              | 09 29 30.674  | +15 27 19.19    | 5.909177               | 1.49  | 16.68  | 1 40                           | 8 28                            | 15 16                           |
| 3        |    | -1.9              | 09 30 12.695  | +15 24 07.22    | 5.897319               | 1.49  | 16.71  | 1 37                           | 8 24                            | 15 12                           |

木 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |       |        | 東京, 中央標準時                      |                                |                                 |
|------|----|--------------|---|-----------------|------------------------|-------|--------|--------------------------------|--------------------------------|---------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径    | 出                              | 南中                             | 入                               |
| 10 3 |    | -1.9         | 09 <sup>h</sup> 30 <sup>m</sup> 12.695 <sup>s</sup> | +15° 24' 07.22" | 5.897319 <sup>au</sup> | 1.49" | 16.71" | 1 <sup>h</sup> 37 <sup>m</sup> | 8 <sup>h</sup> 24 <sup>m</sup> | 15 <sup>h</sup> 12 <sup>m</sup> |
| 4    |    | -1.9         | 09 30 54.353  | +15 20 56.54    | 5.885315               | 1.49  | 16.75  | 1 34                           | 8 21                           | 15 9                            |
| 5    |    | -1.9         | 09 31 35.640  | +15 17 47.20    | 5.873166               | 1.50  | 16.78  | 1 31                           | 8 18                           | 15 5                            |
| 6    |    | -1.9         | 09 32 16.547  | +15 14 39.24    | 5.860875               | 1.50  | 16.82  | 1 27                           | 8 15                           | 15 2                            |
| 7    |    | -1.9         | 09 32 57.068  | +15 11 32.72    | 5.848444               | 1.50  | 16.85  | 1 24                           | 8 11                           | 14 58                           |
| 8    |    | -1.9         | 09 33 37.195  | +15 08 27.67    | 5.835874               | 1.51  | 16.89  | 1 21                           | 8 8                            | 14 55                           |
| 9    |    | -1.9         | 09 34 16.924  | +15 05 24.14    | 5.823168               | 1.51  | 16.93  | 1 18                           | 8 5                            | 14 52                           |
| 10   |    | -1.9         | 09 34 56.248  | +15 02 22.16    | 5.810328               | 1.51  | 16.97  | 1 15                           | 8 2                            | 14 48                           |
| 11   |    | -1.9         | 09 35 35.164  | +14 59 21.78    | 5.797358               | 1.52  | 17.00  | 1 12                           | 7 58                           | 14 45                           |
| 12   |    | -1.9         | 09 36 13.666  | +14 56 23.06    | 5.784259               | 1.52  | 17.04  | 1 9                            | 7 55                           | 14 41                           |
| 13   |    | -1.9         | 09 36 51.747  | +14 53 26.04    | 5.771035               | 1.52  | 17.08  | 1 6                            | 7 52                           | 14 38                           |
| 14   |    | -1.9         | 09 37 29.402  | +14 50 30.77    | 5.757689               | 1.53  | 17.12  | 1 2                            | 7 48                           | 14 34                           |
| 15   |    | -1.9         | 09 38 06.624  | +14 47 37.32    | 5.744222               | 1.53  | 17.16  | 0 59                           | 7 45                           | 14 31                           |
| 16   |    | -1.9         | 09 38 43.407  | +14 44 45.74    | 5.730638               | 1.53  | 17.20  | 0 56                           | 7 42                           | 14 27                           |
| 17   |    | -1.9         | 09 39 19.742  | +14 41 56.07    | 5.716940               | 1.54  | 17.24  | 0 53                           | 7 38                           | 14 24                           |
| 18   |    | -1.9         | 09 39 55.623  | +14 39 08.38    | 5.703131               | 1.54  | 17.28  | 0 50                           | 7 35                           | 14 20                           |
| 19   |    | -1.9         | 09 40 31.043  | +14 36 22.70    | 5.689213               | 1.55  | 17.33  | 0 47                           | 7 32                           | 14 17                           |
| 20   |    | -1.9         | 09 41 05.995  | +14 33 39.08    | 5.675190               | 1.55  | 17.37  | 0 43                           | 7 28                           | 14 13                           |
| 21   |    | -1.9         | 09 41 40.474  | +14 30 57.58    | 5.661064               | 1.55  | 17.41  | 0 40                           | 7 25                           | 14 10                           |
| 22   |    | -2.0         | 09 42 14.473  | +14 28 18.21    | 5.646839               | 1.56  | 17.46  | 0 37                           | 7 22                           | 14 6                            |
| 23   |    | -2.0         | 09 42 47.987  | +14 25 41.03    | 5.632516               | 1.56  | 17.50  | 0 34                           | 7 18                           | 14 3                            |
| 24   |    | -2.0         | 09 43 21.011  | +14 23 06.06    | 5.618099               | 1.57  | 17.55  | 0 30                           | 7 15                           | 13 59                           |
| 25   |    | -2.0         | 09 43 53.542  | +14 20 33.35    | 5.603591               | 1.57  | 17.59  | 0 27                           | 7 12                           | 13 56                           |
| 26   |    | -2.0         | 09 44 25.574  | +14 18 02.92    | 5.588995               | 1.57  | 17.64  | 0 24                           | 7 8                            | 13 52                           |
| 27   |    | -2.0         | 09 44 57.105  | +14 15 34.82    | 5.574312               | 1.58  | 17.68  | 0 21                           | 7 5                            | 13 49                           |
| 28   |    | -2.0         | 09 45 28.128  | +14 13 09.09    | 5.559547               | 1.58  | 17.73  | 0 17                           | 7 1                            | 13 45                           |
| 29   |    | -2.0         | 09 45 58.637  | +14 10 45.81    | 5.544701               | 1.59  | 17.78  | 0 14                           | 6 58                           | 13 42                           |
| 30   |    | -2.0         | 09 46 28.624  | +14 08 25.03    | 5.529778               | 1.59  | 17.83  | 0 11                           | 6 54                           | 13 38                           |
| 31   |    | -2.0         | 09 46 58.078  | +14 06 06.83    | 5.514780               | 1.59  | 17.87  | 0 7                            | 6 51                           | 13 35                           |
| 11 1 |    | -2.0         | 09 47 26.990  | +14 03 51.26    | 5.499710               | 1.60  | 17.92  | 0 4                            | 6 48                           | 13 31                           |
| 2    |    | -2.0         | 09 47 55.351  | +14 01 38.38    | 5.484571               | 1.60  | 17.97  | 0 1*                           | 6 44                           | 13 27                           |
| 3    |    | -2.0         | 09 48 23.154  | +13 59 28.23    | 5.469367               | 1.61  | 18.02  | 23 54                          | 6 41                           | 13 24                           |
| 4    |    | -2.0         | 09 48 50.390  | +13 57 20.87    | 5.454101               | 1.61  | 18.07  | 23 51                          | 6 37                           | 13 20                           |
| 5    |    | -2.0         | 09 49 17.054  | +13 55 16.33    | 5.438777               | 1.62  | 18.12  | 23 47                          | 6 34                           | 13 17                           |
| 6    |    | -2.0         | 09 49 43.141  | +13 53 14.66    | 5.423398               | 1.62  | 18.18  | 23 44                          | 6 30                           | 13 13                           |
| 7    |    | -2.0         | 09 50 08.643  | +13 51 15.90    | 5.407968               | 1.63  | 18.23  | 23 40                          | 6 27                           | 13 9                            |
| 8    |    | -2.0         | 09 50 33.556  | +13 49 20.10    | 5.392491               | 1.63  | 18.28  | 23 37                          | 6 23                           | 13 6                            |
| 9    |    | -2.0         | 09 50 57.873  | +13 47 27.32    | 5.376972               | 1.64  | 18.33  | 23 34                          | 6 20                           | 13 2                            |
| 10   |    | -2.1         | 09 51 21.588  | +13 45 37.60    | 5.361413               | 1.64  | 18.39  | 23 30                          | 6 16                           | 12 59                           |
| 11   |    | -2.1         | 09 51 44.694  | +13 43 50.99    | 5.345820               | 1.65  | 18.44  | 23 27                          | 6 13                           | 12 55                           |
| 12   |    | -2.1         | 09 52 07.184  | +13 42 07.56    | 5.330197               | 1.65  | 18.49  | 23 23                          | 6 9                            | 12 51                           |
| 13   |    | -2.1         | 09 52 29.051  | +13 40 27.34    | 5.314547               | 1.65  | 18.55  | 23 20                          | 6 5                            | 12 48                           |
| 14   |    | -2.1         | 09 52 50.288  | +13 38 50.39    | 5.298875               | 1.66  | 18.60  | 23 16                          | 6 2                            | 12 44                           |
| 15   |    | -2.1         | 09 53 10.887  | +13 37 16.75    | 5.283185               | 1.66  | 18.66  | 23 13                          | 5 58                           | 12 40                           |
| 16   |    | -2.1         | 09 53 30.844  | +13 35 46.46    | 5.267481               | 1.67  | 18.71  | 23 9                           | 5 55                           | 12 37                           |
| 17   |    | -2.1         | 09 53 50.151  | +13 34 19.55    | 5.251768               | 1.67  | 18.77  | 23 6                           | 5 51                           | 12 33                           |
| 18   |    | -2.1         | 09 54 08.803  | +13 32 56.07    | 5.236049               | 1.68  | 18.83  | 23 2                           | 5 47                           | 12 29                           |

\* 23:57 にもう一度出となる。

## 木 星 令和 8 年 2026

| 月 日   | 状況   | 真春分点にもとづく座標系      |   |                             | 地球時 0 <sup>h</sup>     |       |        | 東京, 中央標準時                      |                                |                                 |
|-------|------|-------------------|---|-----------------------------|------------------------|-------|--------|--------------------------------|--------------------------------|---------------------------------|
|       |      | 等級                | 視赤経   | 視赤緯                         | 距離                     | 視差    | 視半径    | 出                              | 南中                             | 入                               |
| 11 18 |      | -2.1 <sup>等</sup> | 09 <sup>h</sup> 54 <sup>m</sup> 08.803 <sup>s</sup> | +13 <sup>°</sup> 32' 56.07" | 5.236049 <sup>au</sup> | 1.68" | 18.83" | 23 <sup>h</sup> 2 <sup>m</sup> | 5 <sup>h</sup> 47 <sup>m</sup> | 12 <sup>h</sup> 29 <sup>m</sup> |
| 19    |      | -2.1              | 09 54 26.795  | +13 31 36.04                | 5.220330               | 1.68  | 18.88  | 22 58                          | 5 44                           | 12 26                           |
| 20    |      | -2.1              | 09 54 44.122  | +13 30 19.48                | 5.204613               | 1.69  | 18.94  | 22 55                          | 5 40                           | 12 22                           |
| 21    |      | -2.1              | 09 55 00.782  | +13 29 06.42                | 5.188904               | 1.69  | 19.00  | 22 51                          | 5 37                           | 12 18                           |
| 22    |      | -2.1              | 09 55 16.770  | +13 27 56.89                | 5.173206               | 1.70  | 19.05  | 22 48                          | 5 33                           | 12 14                           |
| 23    |      | -2.1              | 09 55 32.085  | +13 26 50.91                | 5.157523               | 1.71  | 19.11  | 22 44                          | 5 29                           | 12 11                           |
| 24    |      | -2.1              | 09 55 46.722  | +13 25 48.50                | 5.141860               | 1.71  | 19.17  | 22 40                          | 5 25                           | 12 7                            |
| 25    |      | -2.1              | 09 56 00.676  | +13 24 49.72                | 5.126220               | 1.72  | 19.23  | 22 37                          | 5 22                           | 12 3                            |
| 26    |      | -2.2              | 09 56 13.943  | +13 23 54.61                | 5.110608               | 1.72  | 19.29  | 22 33                          | 5 18                           | 11 59                           |
| 27    |      | -2.2              | 09 56 26.512  | +13 23 03.22                | 5.095026               | 1.73  | 19.35  | 22 29                          | 5 14                           | 11 56                           |
| 28    |      | -2.2              | 09 56 38.377  | +13 22 15.61                | 5.079481               | 1.73  | 19.41  | 22 26                          | 5 11                           | 11 52                           |
| 29    |      | -2.2              | 09 56 49.530  | +13 21 31.81                | 5.063975               | 1.74  | 19.47  | 22 22                          | 5 7                            | 11 48                           |
| 30    |      | -2.2              | 09 56 59.963  | +13 20 51.85                | 5.048514               | 1.74  | 19.53  | 22 18                          | 5 3                            | 11 44                           |
| 12 1  |      | -2.2              | 09 57 09.672  | +13 20 15.76                | 5.033102               | 1.75  | 19.58  | 22 14                          | 4 59                           | 11 40                           |
| 2     |      | -2.2              | 09 57 18.652  | +13 19 43.57                | 5.017743               | 1.75  | 19.64  | 22 11                          | 4 56                           | 11 37                           |
| 3     |      | -2.2              | 09 57 26.901  | +13 19 15.29                | 5.002443               | 1.76  | 19.70  | 22 7                           | 4 52                           | 11 33                           |
| 4     |      | -2.2              | 09 57 34.414  | +13 18 50.93                | 4.987206               | 1.76  | 19.77  | 22 3                           | 4 48                           | 11 29                           |
| 5     |      | -2.2              | 09 57 41.190  | +13 18 30.53                | 4.972038               | 1.77  | 19.83  | 21 59                          | 4 44                           | 11 25                           |
| 6     |      | -2.2              | 09 57 47.225  | +13 18 14.11                | 4.956943               | 1.77  | 19.89  | 21 55                          | 4 40                           | 11 21                           |
| 7     |      | -2.2              | 09 57 52.517  | +13 18 01.68                | 4.941927               | 1.78  | 19.95  | 21 52                          | 4 36                           | 11 17                           |
| 8     |      | -2.2              | 09 57 57.061  | +13 17 53.27                | 4.926995               | 1.78  | 20.01  | 21 48                          | 4 33                           | 11 14                           |
| 9     |      | -2.2              | 09 58 00.854  | +13 17 48.90                | 4.912153               | 1.79  | 20.07  | 21 44                          | 4 29                           | 11 10                           |
| 10    |      | -2.3              | 09 58 03.894  | +13 17 48.58                | 4.897404               | 1.80  | 20.13  | 21 40                          | 4 25                           | 11 6                            |
| 11    |      | -2.3              | 09 58 06.178  | +13 17 52.33                | 4.882755               | 1.80  | 20.19  | 21 36                          | 4 21                           | 11 2                            |
| 12    | 留    | -2.3              | 09 58 07.702  | +13 18 00.16                | 4.868211               | 1.81  | 20.25  | 21 32                          | 4 17                           | 10 58                           |
| 13    |      | -2.3              | 09 58 08.467  | +13 18 12.06                | 4.853777               | 1.81  | 20.31  | 21 28                          | 4 13                           | 10 54                           |
| 14    |      | -2.3              | 09 58 08.469  | +13 18 28.04                | 4.839458               | 1.82  | 20.37  | 21 24                          | 4 9                            | 10 50                           |
| 15    |      | -2.3              | 09 58 07.709  | +13 18 48.09                | 4.825260               | 1.82  | 20.43  | 21 20                          | 4 5                            | 10 46                           |
| 16    |      | -2.3              | 09 58 06.187  | +13 19 12.19                | 4.811186               | 1.83  | 20.49  | 21 16                          | 4 1                            | 10 42                           |
| 17    |      | -2.3              | 09 58 03.904  | +13 19 40.33                | 4.797242               | 1.83  | 20.55  | 21 12                          | 3 57                           | 10 38                           |
| 18    |      | -2.3              | 09 58 00.863  | +13 20 12.48                | 4.783434               | 1.84  | 20.61  | 21 8                           | 3 53                           | 10 34                           |
| 19    |      | -2.3              | 09 57 57.067  | +13 20 48.63                | 4.769765               | 1.84  | 20.67  | 21 4                           | 3 49                           | 10 31                           |
| 20    |      | -2.3              | 09 57 52.517  | +13 21 28.74                | 4.756242               | 1.85  | 20.72  | 21 0                           | 3 45                           | 10 27                           |
| 21    |      | -2.3              | 09 57 47.220  | +13 22 12.79                | 4.742867               | 1.85  | 20.78  | 20 56                          | 3 41                           | 10 23                           |
| 22    |      | -2.3              | 09 57 41.176  | +13 23 00.76                | 4.729647               | 1.86  | 20.84  | 20 52                          | 3 37                           | 10 19                           |
| 23    |      | -2.3              | 09 57 34.390  | +13 23 52.64                | 4.716585               | 1.86  | 20.90  | 20 48                          | 3 33                           | 10 15                           |
| 24    |      | -2.4              | 09 57 26.860  | +13 24 48.43                | 4.703686               | 1.87  | 20.96  | 20 44                          | 3 29                           | 10 11                           |
| 25    |      | -2.4              | 09 57 18.588  | +13 25 48.12                | 4.690954               | 1.87  | 21.01  | 20 40                          | 3 25                           | 10 7                            |
| 26    | -2.4 | 09 57 09.572      | +13 26 51.70  | 4.678394                    | 1.88                   | 21.07 | 20 36  | 3 21                           | 10 2                           |                                 |
| 27    | -2.4 | 09 56 59.813      | +13 27 59.15  | 4.666011                    | 1.88                   | 21.13 | 20 31  | 3 17                           | 9 58                           |                                 |
| 28    | -2.4 | 09 56 49.314      | +13 29 10.42  | 4.653810                    | 1.89                   | 21.18 | 20 27  | 3 13                           | 9 54                           |                                 |
| 29    | -2.4 | 09 56 38.081      | +13 30 25.48  | 4.641794                    | 1.89                   | 21.24 | 20 23  | 3 9                            | 9 50                           |                                 |
| 30    | -2.4 | 09 56 26.118      | +13 31 44.28  | 4.629970                    | 1.90                   | 21.29 | 20 19  | 3 5                            | 9 46                           |                                 |
| 31    | -2.4 | 09 56 13.432      | +13 33 06.78  | 4.618342                    | 1.90                   | 21.34 | 20 15  | 3 1                            | 9 42                           |                                 |
| 32    | -2.4 | 09 56 00.031      | +13 34 32.92  | 4.606915                    | 1.91                   | 21.40 | 20 10  | 2 56                           | 9 38                           |                                 |
| 33    | -2.4 | 09 55 45.921      | +13 36 02.66  | 4.595694                    | 1.91                   | 21.45 | 20 6   | 2 52                           | 9 34                           |                                 |
| 34    | -2.4 | 09 55 31.109      | +13 37 35.94  | 4.584684                    | 1.92                   | 21.50 | 20 2   | 2 48                           | 9 30                           |                                 |

土 星 令和 8 年 2026

| 月 日 | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                       |                                 |                                 |
|-----|----|--------------|---|-----------------|------------------------|-------|-------|---------------------------------|---------------------------------|---------------------------------|
|     |    | 等級           | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                               | 南中                              | 入                               |
| 1 0 |    | +1.0         | 23 <sup>h</sup> 49 <sup>m</sup> 19.051 <sup>s</sup> | -03° 37' 20.27" | 9.699086 <sup>au</sup> | 0.91" | 8.57" | 10 <sup>h</sup> 59 <sup>m</sup> | 16 <sup>h</sup> 50 <sup>m</sup> | 22 <sup>h</sup> 42 <sup>m</sup> |
| 1   |    | +1.0         | 23 49 31.423  | -03 35 47.10    | 9.715173               | 0.91  | 8.55  | 10 55                           | 16 47                           | 22 38                           |
| 2   |    | +1.0         | 23 49 44.141  | -03 34 11.78    | 9.731190               | 0.90  | 8.54  | 10 51                           | 16 43                           | 22 35                           |
| 3   |    | +1.0         | 23 49 57.200  | -03 32 34.36    | 9.747132               | 0.90  | 8.53  | 10 47                           | 16 39                           | 22 31                           |
| 4   |    | +1.0         | 23 50 10.594  | -03 30 54.88    | 9.762998               | 0.90  | 8.51  | 10 44                           | 16 36                           | 22 27                           |
| 5   |    | +1.0         | 23 50 24.318  | -03 29 13.36    | 9.778782               | 0.90  | 8.50  | 10 40                           | 16 32                           | 22 24                           |
| 6   |    | +1.0         | 23 50 38.367  | -03 27 29.84    | 9.794480               | 0.90  | 8.48  | 10 36                           | 16 28                           | 22 20                           |
| 7   |    | +1.0         | 23 50 52.740  | -03 25 44.33    | 9.810089               | 0.90  | 8.47  | 10 32                           | 16 24                           | 22 17                           |
| 8   |    | +1.0         | 23 51 07.433  | -03 23 56.85    | 9.825605               | 0.90  | 8.46  | 10 29                           | 16 21                           | 22 13                           |
| 9   |    | +1.0         | 23 51 22.447  | -03 22 07.40    | 9.841023               | 0.89  | 8.44  | 10 25                           | 16 17                           | 22 9                            |
| 10  |    | +1.0         | 23 51 37.778  | -03 20 16.01    | 9.856339               | 0.89  | 8.43  | 10 21                           | 16 13                           | 22 6                            |
| 11  |    | +1.0         | 23 51 53.426  | -03 18 22.67    | 9.871550               | 0.89  | 8.42  | 10 17                           | 16 10                           | 22 2                            |
| 12  |    | +1.0         | 23 52 09.387  | -03 16 27.43    | 9.886651               | 0.89  | 8.40  | 10 14                           | 16 6                            | 21 59                           |
| 13  |    | +1.0         | 23 52 25.659  | -03 14 30.28    | 9.901638               | 0.89  | 8.39  | 10 10                           | 16 2                            | 21 55                           |
| 14  |    | +1.0         | 23 52 42.238  | -03 12 31.27    | 9.916507               | 0.89  | 8.38  | 10 6                            | 15 59                           | 21 52                           |
| 15  |    | +1.0         | 23 52 59.120  | -03 10 30.41    | 9.931253               | 0.89  | 8.37  | 10 2                            | 15 55                           | 21 48                           |
| 16  |    | +1.0         | 23 53 16.301  | -03 08 27.74    | 9.945873               | 0.88  | 8.35  | 9 59                            | 15 51                           | 21 44                           |
| 17  |    | +1.0         | 23 53 33.777  | -03 06 23.29    | 9.960363               | 0.88  | 8.34  | 9 55                            | 15 48                           | 21 41                           |
| 18  |    | +1.0         | 23 53 51.542  | -03 04 17.09    | 9.974719               | 0.88  | 8.33  | 9 51                            | 15 44                           | 21 37                           |
| 19  |    | +1.0         | 23 54 09.592  | -03 02 09.19    | 9.988936               | 0.88  | 8.32  | 9 47                            | 15 41                           | 21 34                           |
| 20  |    | +1.0         | 23 54 27.921  | -02 59 59.61    | 10.003012              | 0.88  | 8.31  | 9 44                            | 15 37                           | 21 30                           |
| 21  |    | +1.0         | 23 54 46.524  | -02 57 48.39    | 10.016941              | 0.88  | 8.30  | 9 40                            | 15 33                           | 21 27                           |
| 22  |    | +1.0         | 23 55 05.398  | -02 55 35.55    | 10.030720              | 0.88  | 8.28  | 9 36                            | 15 30                           | 21 23                           |
| 23  |    | +1.0         | 23 55 24.538  | -02 53 21.13    | 10.044347              | 0.88  | 8.27  | 9 32                            | 15 26                           | 21 20                           |
| 24  |    | +1.0         | 23 55 43.942  | -02 51 05.15    | 10.057816              | 0.87  | 8.26  | 9 29                            | 15 22                           | 21 16                           |
| 25  |    | +1.0         | 23 56 03.607  | -02 48 47.63    | 10.071126              | 0.87  | 8.25  | 9 25                            | 15 19                           | 21 13                           |
| 26  |    | +1.0         | 23 56 23.529  | -02 46 28.58    | 10.084272              | 0.87  | 8.24  | 9 21                            | 15 15                           | 21 9                            |
| 27  |    | +1.0         | 23 56 43.705  | -02 44 08.04    | 10.097252              | 0.87  | 8.23  | 9 18                            | 15 12                           | 21 6                            |
| 28  |    | +1.0         | 23 57 04.132  | -02 41 46.04    | 10.110063              | 0.87  | 8.22  | 9 14                            | 15 8                            | 21 2                            |
| 29  |    | +1.0         | 23 57 24.805  | -02 39 22.60    | 10.122702              | 0.87  | 8.21  | 9 10                            | 15 4                            | 20 59                           |
| 30  |    | +1.0         | 23 57 45.716  | -02 36 57.77    | 10.135166              | 0.87  | 8.20  | 9 6                             | 15 1                            | 20 55                           |
| 31  |    | +1.0         | 23 58 06.860  | -02 34 31.59    | 10.147454              | 0.87  | 8.19  | 9 3                             | 14 57                           | 20 52                           |
| 2 1 |    | +1.0         | 23 58 28.231  | -02 32 04.11    | 10.159562              | 0.87  | 8.18  | 8 59                            | 14 54                           | 20 49                           |
| 2   |    | +1.0         | 23 58 49.823  | -02 29 35.36    | 10.171488              | 0.86  | 8.17  | 8 55                            | 14 50                           | 20 45                           |
| 3   |    | +1.0         | 23 59 11.631  | -02 27 05.36    | 10.183229              | 0.86  | 8.16  | 8 52                            | 14 47                           | 20 42                           |
| 4   |    | +1.0         | 23 59 33.654  | -02 24 34.14    | 10.194784              | 0.86  | 8.15  | 8 48                            | 14 43                           | 20 38                           |
| 5   |    | +1.0         | 23 59 55.887  | -02 22 01.71    | 10.206149              | 0.86  | 8.14  | 8 44                            | 14 39                           | 20 35                           |
| 6   |    | +1.0         | 00 00 18.330  | -02 19 28.09    | 10.217322              | 0.86  | 8.13  | 8 41                            | 14 36                           | 20 31                           |
| 7   |    | +1.0         | 00 00 40.979  | -02 16 53.30    | 10.228300              | 0.86  | 8.12  | 8 37                            | 14 32                           | 20 28                           |
| 8   |    | +1.0         | 00 01 03.832  | -02 14 17.35    | 10.239081              | 0.86  | 8.12  | 8 33                            | 14 29                           | 20 24                           |
| 9   |    | +1.0         | 00 01 26.886  | -02 11 40.28    | 10.249663              | 0.86  | 8.11  | 8 30                            | 14 25                           | 20 21                           |
| 10  |    | +1.0         | 00 01 50.135  | -02 09 02.10    | 10.260041              | 0.86  | 8.10  | 8 26                            | 14 22                           | 20 18                           |
| 11  |    | +1.0         | 00 02 13.577  | -02 06 22.84    | 10.270215              | 0.86  | 8.09  | 8 22                            | 14 18                           | 20 14                           |
| 12  |    | +1.0         | 00 02 37.207  | -02 03 42.54    | 10.280180              | 0.86  | 8.08  | 8 19                            | 14 15                           | 20 11                           |
| 13  |    | +1.0         | 00 03 01.019  | -02 01 01.24    | 10.289936              | 0.85  | 8.08  | 8 15                            | 14 11                           | 20 7                            |
| 14  |    | +1.0         | 00 03 25.008  | -01 58 18.96    | 10.299479              | 0.85  | 8.07  | 8 11                            | 14 8                            | 20 4                            |
| 15  |    | +1.0         | 00 03 49.169  | -01 55 35.75    | 10.308807              | 0.85  | 8.06  | 8 8                             | 14 4                            | 20 1                            |

土 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                     |                                |                                |
|------|----|--------------|---|-----------------|-------------------------|-------|-------|-------------------------------|--------------------------------|--------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                             | 南中                             | 入                              |
| 2 15 |    | +1.0         | 00 <sup>h</sup> 03 <sup>m</sup> 49.169 <sup>s</sup> | -01° 55' 35.75" | 10.308807 <sup>au</sup> | 0.85" | 8.06" | 8 <sup>h</sup> 8 <sup>m</sup> | 14 <sup>h</sup> 4 <sup>m</sup> | 20 <sup>h</sup> 1 <sup>m</sup> |
| 16   |    | +1.0         | 00 04 13.497  | -01 52 51.64    | 10.317918               | 0.85  | 8.05  | 8 4                           | 14 1                           | 19 57                          |
| 17   |    | +1.0         | 00 04 37.986  | -01 50 06.66    | 10.326809               | 0.85  | 8.05  | 8 0                           | 13 57                          | 19 54                          |
| 18   |    | +1.0         | 00 05 02.631  | -01 47 20.86    | 10.335479               | 0.85  | 8.04  | 7 57                          | 13 53                          | 19 50                          |
| 19   |    | +1.0         | 00 05 27.429  | -01 44 34.26    | 10.343924               | 0.85  | 8.03  | 7 53                          | 13 50                          | 19 47                          |
| 20   |    | +1.0         | 00 05 52.376  | -01 41 46.88    | 10.352144               | 0.85  | 8.03  | 7 49                          | 13 46                          | 19 44                          |
| 21   |    | +1.0         | 00 06 17.469  | -01 38 58.75    | 10.360136               | 0.85  | 8.02  | 7 46                          | 13 43                          | 19 40                          |
| 22   |    | +1.0         | 00 06 42.705  | -01 36 09.89    | 10.367899               | 0.85  | 8.01  | 7 42                          | 13 39                          | 19 37                          |
| 23   |    | +1.0         | 00 07 08.081  | -01 33 20.32    | 10.375431               | 0.85  | 8.01  | 7 38                          | 13 36                          | 19 33                          |
| 24   |    | +1.0         | 00 07 33.592  | -01 30 30.07    | 10.382732               | 0.85  | 8.00  | 7 35                          | 13 32                          | 19 30                          |
| 25   |    | +1.0         | 00 07 59.233  | -01 27 39.18    | 10.389799               | 0.85  | 8.00  | 7 31                          | 13 29                          | 19 27                          |
| 26   |    | +1.0         | 00 08 24.999  | -01 24 47.69    | 10.396631               | 0.85  | 7.99  | 7 27                          | 13 25                          | 19 23                          |
| 27   |    | +1.0         | 00 08 50.883  | -01 21 55.63    | 10.403229               | 0.85  | 7.99  | 7 24                          | 13 22                          | 19 20                          |
| 28   |    | +1.0         | 00 09 16.879  | -01 19 03.04    | 10.409590               | 0.84  | 7.98  | 7 20                          | 13 18                          | 19 17                          |
| 3 1  |    | +1.0         | 00 09 42.981  | -01 16 09.98    | 10.415714               | 0.84  | 7.98  | 7 17                          | 13 15                          | 19 13                          |
| 2    |    | +1.0         | 00 10 09.185  | -01 13 16.46    | 10.421601               | 0.84  | 7.97  | 7 13                          | 13 11                          | 19 10                          |
| 3    |    | +1.0         | 00 10 35.486  | -01 10 22.51    | 10.427249               | 0.84  | 7.97  | 7 9                           | 13 8                           | 19 7                           |
| 4    |    | +1.0         | 00 11 01.883  | -01 07 28.15    | 10.432657               | 0.84  | 7.97  | 7 6                           | 13 4                           | 19 3                           |
| 5    |    | +1.0         | 00 11 28.373  | -01 04 33.39    | 10.437824               | 0.84  | 7.96  | 7 2                           | 13 1                           | 19 0                           |
| 6    |    | +1.0         | 00 11 54.954  | -01 01 38.26    | 10.442750               | 0.84  | 7.96  | 6 58                          | 12 57                          | 18 57                          |
| 7    |    | +1.0         | 00 12 21.622  | -00 58 42.76    | 10.447433               | 0.84  | 7.95  | 6 55                          | 12 54                          | 18 53                          |
| 8    |    | +1.0         | 00 12 48.376  | -00 55 46.92    | 10.451873               | 0.84  | 7.95  | 6 51                          | 12 50                          | 18 50                          |
| 9    |    | +1.0         | 00 13 15.211  | -00 52 50.77    | 10.456068               | 0.84  | 7.95  | 6 47                          | 12 47                          | 18 46                          |
| 10   |    | +1.0         | 00 13 42.123  | -00 49 54.33    | 10.460018               | 0.84  | 7.94  | 6 44                          | 12 43                          | 18 43                          |
| 11   |    | +1.0         | 00 14 09.108  | -00 46 57.63    | 10.463721               | 0.84  | 7.94  | 6 40                          | 12 40                          | 18 40                          |
| 12   |    | +1.0         | 00 14 36.161  | -00 44 00.70    | 10.467177               | 0.84  | 7.94  | 6 37                          | 12 36                          | 18 36                          |
| 13   |    | +1.0         | 00 15 03.276  | -00 41 03.58    | 10.470384               | 0.84  | 7.94  | 6 33                          | 12 33                          | 18 33                          |
| 14   |    | +1.0         | 00 15 30.450  | -00 38 06.31    | 10.473342               | 0.84  | 7.93  | 6 29                          | 12 30                          | 18 30                          |
| 15   |    | +1.0         | 00 15 57.676  | -00 35 08.91    | 10.476051               | 0.84  | 7.93  | 6 26                          | 12 26                          | 18 26                          |
| 16   |    | +0.9         | 00 16 24.950  | -00 32 11.42    | 10.478509               | 0.84  | 7.93  | 6 22                          | 12 23                          | 18 23                          |
| 17   |    | +0.9         | 00 16 52.267  | -00 29 13.88    | 10.480716               | 0.84  | 7.93  | 6 18                          | 12 19                          | 18 20                          |
| 18   |    | +0.9         | 00 17 19.622  | -00 26 16.32    | 10.482670               | 0.84  | 7.93  | 6 15                          | 12 16                          | 18 16                          |
| 19   |    | +0.9         | 00 17 47.013  | -00 23 18.76    | 10.484373               | 0.84  | 7.93  | 6 11                          | 12 12                          | 18 13                          |
| 20   |    | +0.9         | 00 18 14.436  | -00 20 21.23    | 10.485823               | 0.84  | 7.92  | 6 8                           | 12 9                           | 18 10                          |
| 21   |    | +0.9         | 00 18 41.889  | -00 17 23.74    | 10.487020               | 0.84  | 7.92  | 6 4                           | 12 5                           | 18 6                           |
| 22   |    | +0.9         | 00 19 09.369  | -00 14 26.33    | 10.487964               | 0.84  | 7.92  | 6 0                           | 12 2                           | 18 3                           |
| 23   |    | +0.9         | 00 19 36.872  | -00 11 29.01    | 10.488656               | 0.84  | 7.92  | 5 57                          | 11 58                          | 18 0                           |
| 24   |    | +0.9         | 00 20 04.392  | -00 08 31.84    | 10.489096               | 0.84  | 7.92  | 5 53                          | 11 55                          | 17 56                          |
| 25   | 合  | +0.9         | 00 20 31.922  | -00 05 34.83    | 10.489284               | 0.84  | 7.92  | 5 50                          | 11 51                          | 17 53                          |
| 26   |    | +0.9         | 00 20 59.455  | -00 02 37.98    | 10.489220               | 0.84  | 7.92  | 5 46                          | 11 48                          | 17 50                          |
| 27   |    | +0.9         | 00 21 26.989  | +00 00 18.69    | 10.488906               | 0.84  | 7.92  | 5 42                          | 11 44                          | 17 46                          |
| 28   |    | +0.9         | 00 21 54.520  | +00 03 15.09    | 10.488341               | 0.84  | 7.92  | 5 39                          | 11 41                          | 17 43                          |
| 29   |    | +0.9         | 00 22 22.042  | +00 06 11.18    | 10.487528               | 0.84  | 7.92  | 5 35                          | 11 37                          | 17 40                          |
| 30   |    | +0.9         | 00 22 49.551  | +00 09 06.94    | 10.486465               | 0.84  | 7.92  | 5 31                          | 11 34                          | 17 36                          |
| 31   |    | +0.9         | 00 23 17.044  | +00 12 02.35    | 10.485154               | 0.84  | 7.93  | 5 28                          | 11 30                          | 17 33                          |
| 4 1  |    | +0.9         | 00 23 44.518  | +00 14 57.39    | 10.483596               | 0.84  | 7.93  | 5 24                          | 11 27                          | 17 30                          |
| 2    |    | +0.9         | 00 24 11.972  | +00 17 52.05    | 10.481790               | 0.84  | 7.93  | 5 21                          | 11 23                          | 17 26                          |

土 星 令和 8 年 2026

| 月 日 | 状況 | 真春分点にもとづく座標系      |   |                             | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                      |                                 |                                 |
|-----|----|-------------------|---|-----------------------------|-------------------------|-------|-------|--------------------------------|---------------------------------|---------------------------------|
|     |    | 等級                | 視赤経   | 視赤緯                         | 距離                      | 視差    | 視半径   | 出                              | 南中                              | 入                               |
| 4 2 |    | +0.9 <sup>等</sup> | 00 <sup>h</sup> 24 <sup>m</sup> 11.972 <sup>s</sup> | +00 <sup>°</sup> 17' 52.05" | 10.481790 <sup>au</sup> | 0.84" | 7.93" | 5 <sup>h</sup> 21 <sup>m</sup> | 11 <sup>h</sup> 23 <sup>m</sup> | 17 <sup>h</sup> 26 <sup>m</sup> |
| 3   |    | +0.9              | 00 24 39.402  | +00 20 46.32                | 10.479738               | 0.84  | 7.93  | 5 17                           | 11 20                           | 17 23                           |
| 4   |    | +0.9              | 00 25 06.806  | +00 23 40.18                | 10.477439               | 0.84  | 7.93  | 5 13                           | 11 17                           | 17 20                           |
| 5   |    | +0.9              | 00 25 34.180  | +00 26 33.61                | 10.474895               | 0.84  | 7.93  | 5 10                           | 11 13                           | 17 16                           |
| 6   |    | +0.9              | 00 26 01.522  | +00 29 26.59                | 10.472106               | 0.84  | 7.94  | 5 6                            | 11 10                           | 17 13                           |
| 7   |    | +0.9              | 00 26 28.827  | +00 32 19.09                | 10.469073               | 0.84  | 7.94  | 5 3                            | 11 6                            | 17 10                           |
| 8   |    | +0.9              | 00 26 56.090  | +00 35 11.08                | 10.465795               | 0.84  | 7.94  | 4 59                           | 11 3                            | 17 6                            |
| 9   |    | +0.9              | 00 27 23.307  | +00 38 02.54                | 10.462273               | 0.84  | 7.94  | 4 55                           | 10 59                           | 17 3                            |
| 10  |    | +0.9              | 00 27 50.473  | +00 40 53.42                | 10.458509               | 0.84  | 7.95  | 4 52                           | 10 56                           | 17 0                            |
| 11  |    | +0.9              | 00 28 17.583  | +00 43 43.70                | 10.454502               | 0.84  | 7.95  | 4 48                           | 10 52                           | 16 56                           |
| 12  |    | +0.9              | 00 28 44.632  | +00 46 33.34                | 10.450254               | 0.84  | 7.95  | 4 44                           | 10 49                           | 16 53                           |
| 13  |    | +0.9              | 00 29 11.615  | +00 49 22.32                | 10.445764               | 0.84  | 7.96  | 4 41                           | 10 45                           | 16 50                           |
| 14  |    | +0.9              | 00 29 38.529  | +00 52 10.60                | 10.441034               | 0.84  | 7.96  | 4 37                           | 10 42                           | 16 46                           |
| 15  |    | +0.9              | 00 30 05.370  | +00 54 58.15                | 10.436066               | 0.84  | 7.96  | 4 34                           | 10 38                           | 16 43                           |
| 16  |    | +0.9              | 00 30 32.134  | +00 57 44.97                | 10.430858               | 0.84  | 7.97  | 4 30                           | 10 35                           | 16 40                           |
| 17  |    | +0.9              | 00 30 58.820  | +01 00 31.02                | 10.425414               | 0.84  | 7.97  | 4 26                           | 10 31                           | 16 36                           |
| 18  |    | +0.9              | 00 31 25.425  | +01 03 16.29                | 10.419734               | 0.84  | 7.97  | 4 23                           | 10 28                           | 16 33                           |
| 19  |    | +0.9              | 00 31 51.945  | +01 06 00.77                | 10.413819               | 0.84  | 7.98  | 4 19                           | 10 24                           | 16 29                           |
| 20  |    | +0.9              | 00 32 18.378  | +01 08 44.43                | 10.407671               | 0.84  | 7.98  | 4 15                           | 10 21                           | 16 26                           |
| 21  |    | +0.9              | 00 32 44.716  | +01 11 27.24                | 10.401292               | 0.85  | 7.99  | 4 12                           | 10 17                           | 16 23                           |
| 22  |    | +0.9              | 00 33 10.954  | +01 14 09.15                | 10.394684               | 0.85  | 7.99  | 4 8                            | 10 14                           | 16 19                           |
| 23  |    | +0.9              | 00 33 37.086  | +01 16 50.13                | 10.387849               | 0.85  | 8.00  | 4 5                            | 10 10                           | 16 16                           |
| 24  |    | +0.9              | 00 34 03.105  | +01 19 30.15                | 10.380788               | 0.85  | 8.00  | 4 1                            | 10 7                            | 16 13                           |
| 25  |    | +0.9              | 00 34 29.007  | +01 22 09.16                | 10.373504               | 0.85  | 8.01  | 3 57                           | 10 3                            | 16 9                            |
| 26  |    | +0.9              | 00 34 54.790  | +01 24 47.16                | 10.365998               | 0.85  | 8.02  | 3 54                           | 10 0                            | 16 6                            |
| 27  |    | +0.9              | 00 35 20.449  | +01 27 24.12                | 10.358273               | 0.85  | 8.02  | 3 50                           | 9 56                            | 16 2                            |
| 28  |    | +0.9              | 00 35 45.983  | +01 30 00.02                | 10.350330               | 0.85  | 8.03  | 3 46                           | 9 53                            | 15 59                           |
| 29  |    | +0.9              | 00 36 11.390  | +01 32 34.86                | 10.342171               | 0.85  | 8.03  | 3 43                           | 9 49                            | 15 56                           |
| 30  |    | +0.9              | 00 36 36.668  | +01 35 08.63                | 10.333798               | 0.85  | 8.04  | 3 39                           | 9 46                            | 15 52                           |
| 5 1 |    | +0.9              | 00 37 01.813  | +01 37 41.30                | 10.325213               | 0.85  | 8.05  | 3 36                           | 9 42                            | 15 49                           |
| 2   |    | +0.9              | 00 37 26.824  | +01 40 12.87                | 10.316418               | 0.85  | 8.05  | 3 32                           | 9 39                            | 15 45                           |
| 3   |    | +0.9              | 00 37 51.697  | +01 42 43.32                | 10.307413               | 0.85  | 8.06  | 3 28                           | 9 35                            | 15 42                           |
| 4   |    | +0.9              | 00 38 16.427  | +01 45 12.61                | 10.298202               | 0.85  | 8.07  | 3 25                           | 9 32                            | 15 39                           |
| 5   |    | +0.9              | 00 38 41.011  | +01 47 40.73                | 10.288786               | 0.85  | 8.08  | 3 21                           | 9 28                            | 15 35                           |
| 6   |    | +0.9              | 00 39 05.444  | +01 50 07.65                | 10.279166               | 0.86  | 8.08  | 3 17                           | 9 25                            | 15 32                           |
| 7   |    | +0.9              | 00 39 29.722  | +01 52 33.34                | 10.269345               | 0.86  | 8.09  | 3 14                           | 9 21                            | 15 28                           |
| 8   |    | +0.9              | 00 39 53.839  | +01 54 57.77                | 10.259324               | 0.86  | 8.10  | 3 10                           | 9 18                            | 15 25                           |
| 9   |    | +0.9              | 00 40 17.792  | +01 57 20.91                | 10.249105               | 0.86  | 8.11  | 3 6                            | 9 14                            | 15 22                           |
| 10  |    | +0.9              | 00 40 41.575  | +01 59 42.73                | 10.238690               | 0.86  | 8.12  | 3 3                            | 9 10                            | 15 18                           |
| 11  |    | +0.9              | 00 41 05.185  | +02 02 03.21                | 10.228082               | 0.86  | 8.12  | 2 59                           | 9 7                             | 15 15                           |
| 12  |    | +0.9              | 00 41 28.618  | +02 04 22.32                | 10.217281               | 0.86  | 8.13  | 2 55                           | 9 3                             | 15 11                           |
| 13  |    | +0.9              | 00 41 51.871  | +02 06 40.04                | 10.206291               | 0.86  | 8.14  | 2 52                           | 9 0                             | 15 8                            |
| 14  |    | +0.9              | 00 42 14.941  | +02 08 56.35                | 10.195113               | 0.86  | 8.15  | 2 48                           | 8 56                            | 15 4                            |
| 15  |    | +0.9              | 00 42 37.827  | +02 11 11.24                | 10.183750               | 0.86  | 8.16  | 2 45                           | 8 53                            | 15 1                            |
| 16  |    | +0.9              | 00 43 00.524  | +02 13 24.69                | 10.172205               | 0.86  | 8.17  | 2 41                           | 8 49                            | 14 58                           |
| 17  |    | +0.9              | 00 43 23.031  | +02 15 36.70                | 10.160479               | 0.87  | 8.18  | 2 37                           | 8 46                            | 14 54                           |
| 18  |    | +0.9              | 00 43 45.342  | +02 17 47.23                | 10.148577               | 0.87  | 8.19  | 2 34                           | 8 42                            | 14 51                           |



## 土 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                      |                                |                                 |
|------|----|--------------|---|-----------------|-------------------------|-------|-------|--------------------------------|--------------------------------|---------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                              | 南中                             | 入                               |
| 5 18 |    | +0.9         | 00 <sup>h</sup> 43 <sup>m</sup> 45.342 <sup>s</sup> | +02° 17' 47.23" | 10.148577 <sup>au</sup> | 0.87" | 8.19" | 2 <sup>h</sup> 34 <sup>m</sup> | 8 <sup>h</sup> 42 <sup>m</sup> | 14 <sup>h</sup> 51 <sup>m</sup> |
| 19   |    | +0.9         | 00 44 07.452  | +02 19 56.25    | 10.136500               | 0.87  | 8.20  | 2 30                           | 8 38                           | 14 47                           |
| 20   |    | +0.9         | 00 44 29.352  | +02 22 03.72    | 10.124252               | 0.87  | 8.21  | 2 26                           | 8 35                           | 14 44                           |
| 21   |    | +0.9         | 00 44 51.039  | +02 24 09.60    | 10.111836               | 0.87  | 8.22  | 2 23                           | 8 31                           | 14 40                           |
| 22   |    | +0.9         | 00 45 12.505  | +02 26 13.87    | 10.099256               | 0.87  | 8.23  | 2 19                           | 8 28                           | 14 37                           |
| 23   |    | +0.9         | 00 45 33.749  | +02 28 16.50    | 10.086514               | 0.87  | 8.24  | 2 15                           | 8 24                           | 14 33                           |
| 24   |    | +0.9         | 00 45 54.767  | +02 30 17.48    | 10.073614               | 0.87  | 8.25  | 2 11                           | 8 21                           | 14 30                           |
| 25   |    | +0.9         | 00 46 15.558  | +02 32 16.80    | 10.060558               | 0.87  | 8.26  | 2 8                            | 8 17                           | 14 26                           |
| 26   |    | +0.9         | 00 46 36.119  | +02 34 14.44    | 10.047349               | 0.88  | 8.27  | 2 4                            | 8 13                           | 14 23                           |
| 27   |    | +0.9         | 00 46 56.449  | +02 36 10.40    | 10.033991               | 0.88  | 8.28  | 2 0                            | 8 10                           | 14 19                           |
| 28   |    | +0.9         | 00 47 16.546  | +02 38 04.67    | 10.020486               | 0.88  | 8.29  | 1 57                           | 8 6                            | 14 16                           |
| 29   |    | +0.9         | 00 47 36.407  | +02 39 57.25    | 10.006838               | 0.88  | 8.30  | 1 53                           | 8 3                            | 14 12                           |
| 30   |    | +0.9         | 00 47 56.029  | +02 41 48.10    | 9.993048                | 0.88  | 8.32  | 1 49                           | 7 59                           | 14 9                            |
| 31   |    | +0.9         | 00 48 15.408  | +02 43 37.22    | 9.979121                | 0.88  | 8.33  | 1 46                           | 7 55                           | 14 5                            |
| 6 1  |    | +0.9         | 00 48 34.541  | +02 45 24.58    | 9.965059                | 0.88  | 8.34  | 1 42                           | 7 52                           | 14 2                            |
| 2    |    | +0.9         | 00 48 53.423  | +02 47 10.17    | 9.950864                | 0.88  | 8.35  | 1 38                           | 7 48                           | 13 58                           |
| 3    |    | +0.9         | 00 49 12.050  | +02 48 53.96    | 9.936540                | 0.89  | 8.36  | 1 35                           | 7 45                           | 13 55                           |
| 4    |    | +0.9         | 00 49 30.418  | +02 50 35.92    | 9.922089                | 0.89  | 8.37  | 1 31                           | 7 41                           | 13 51                           |
| 5    |    | +0.9         | 00 49 48.523  | +02 52 16.03    | 9.907515                | 0.89  | 8.39  | 1 27                           | 7 37                           | 13 48                           |
| 6    |    | +0.9         | 00 50 06.359  | +02 53 54.26    | 9.892820                | 0.89  | 8.40  | 1 23                           | 7 34                           | 13 44                           |
| 7    |    | +0.9         | 00 50 23.924  | +02 55 30.59    | 9.878008                | 0.89  | 8.41  | 1 20                           | 7 30                           | 13 40                           |
| 8    |    | +0.9         | 00 50 41.215  | +02 57 05.00    | 9.863081                | 0.89  | 8.43  | 1 16                           | 7 26                           | 13 37                           |
| 9    |    | +0.9         | 00 50 58.227  | +02 58 37.47    | 9.848043                | 0.89  | 8.44  | 1 12                           | 7 23                           | 13 33                           |
| 10   |    | +0.9         | 00 51 14.960  | +03 00 07.98    | 9.832898                | 0.89  | 8.45  | 1 9                            | 7 19                           | 13 30                           |
| 11   |    | +0.8         | 00 51 31.409  | +03 01 36.54    | 9.817647                | 0.90  | 8.46  | 1 5                            | 7 15                           | 13 26                           |
| 12   |    | +0.8         | 00 51 47.575  | +03 03 03.12    | 9.802295                | 0.90  | 8.48  | 1 1                            | 7 12                           | 13 22                           |
| 13   |    | +0.8         | 00 52 03.454  | +03 04 27.72    | 9.786846                | 0.90  | 8.49  | 0 57                           | 7 8                            | 13 19                           |
| 14   |    | +0.8         | 00 52 19.042  | +03 05 50.32    | 9.771302                | 0.90  | 8.50  | 0 54                           | 7 4                            | 13 15                           |
| 15   |    | +0.8         | 00 52 34.335  | +03 07 10.90    | 9.755669                | 0.90  | 8.52  | 0 50                           | 7 1                            | 13 12                           |
| 16   |    | +0.8         | 00 52 49.326  | +03 08 29.43    | 9.739950                | 0.90  | 8.53  | 0 46                           | 6 57                           | 13 8                            |
| 17   |    | +0.8         | 00 53 04.010  | +03 09 45.87    | 9.724150                | 0.90  | 8.55  | 0 42                           | 6 53                           | 13 4                            |
| 18   |    | +0.8         | 00 53 18.380  | +03 11 00.20    | 9.708271                | 0.91  | 8.56  | 0 39                           | 6 50                           | 13 1                            |
| 19   |    | +0.8         | 00 53 32.435  | +03 12 12.39    | 9.692320                | 0.91  | 8.57  | 0 35                           | 6 46                           | 12 57                           |
| 20   |    | +0.8         | 00 53 46.170  | +03 13 22.43    | 9.676299                | 0.91  | 8.59  | 0 31                           | 6 42                           | 12 53                           |
| 21   |    | +0.8         | 00 53 59.586  | +03 14 30.32    | 9.660213                | 0.91  | 8.60  | 0 27                           | 6 39                           | 12 50                           |
| 22   |    | +0.8         | 00 54 12.681  | +03 15 36.05    | 9.644066                | 0.91  | 8.62  | 0 24                           | 6 35                           | 12 46                           |
| 23   |    | +0.8         | 00 54 25.454  | +03 16 39.62    | 9.627861                | 0.91  | 8.63  | 0 20                           | 6 31                           | 12 42                           |
| 24   |    | +0.8         | 00 54 37.904  | +03 17 41.04    | 9.611604                | 0.91  | 8.65  | 0 16                           | 6 27                           | 12 39                           |
| 25   |    | +0.8         | 00 54 50.029  | +03 18 40.30    | 9.595296                | 0.92  | 8.66  | 0 12                           | 6 24                           | 12 35                           |
| 26   |    | +0.8         | 00 55 01.827  | +03 19 37.39    | 9.578943                | 0.92  | 8.67  | 0 8                            | 6 20                           | 12 31                           |
| 27   |    | +0.8         | 00 55 13.296  | +03 20 32.30    | 9.562548                | 0.92  | 8.69  | 0 5                            | 6 16                           | 12 28                           |
| 28   |    | +0.8         | 00 55 24.432  | +03 21 25.02    | 9.546115                | 0.92  | 8.70  | 0 1*                           | 6 12                           | 12 24                           |
| 29   |    | +0.8         | 00 55 35.233  | +03 22 15.53    | 9.529648                | 0.92  | 8.72  | 23 53                          | 6 9                            | 12 20                           |
| 30   |    | +0.8         | 00 55 45.695  | +03 23 03.83    | 9.513150                | 0.92  | 8.73  | 23 50                          | 6 5                            | 12 17                           |
| 7 1  |    | +0.8         | 00 55 55.814  | +03 23 49.89    | 9.496625                | 0.93  | 8.75  | 23 46                          | 6 1                            | 12 13                           |
| 2    |    | +0.8         | 00 56 05.588  | +03 24 33.69    | 9.480078                | 0.93  | 8.77  | 23 42                          | 5 57                           | 12 9                            |
| 3    |    | +0.8         | 00 56 15.013  | +03 25 15.22    | 9.463511                | 0.93  | 8.78  | 23 38                          | 5 54                           | 12 5                            |

\* 23:57 にもう一度出となる。

土 星 令和 8 年 2026

| 月 日     | 状況   | 真春分点にもとづく座標系      |   |                             | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                       |                                |                                |
|---------|------|-------------------|---|-----------------------------|------------------------|-------|-------|---------------------------------|--------------------------------|--------------------------------|
|         |      | 等級                | 視赤経   | 視赤緯                         | 距離                     | 視差    | 視半径   | 出                               | 南中                             | 入                              |
| 7 月 3 日 | 留    | +0.8 <sup>等</sup> | 00 <sup>h</sup> 56 <sup>m</sup> 15.013 <sup>s</sup> | +03 <sup>°</sup> 25' 15.22" | 9.463511 <sup>au</sup> | 0.93" | 8.78" | 23 <sup>h</sup> 38 <sup>m</sup> | 5 <sup>h</sup> 54 <sup>m</sup> | 12 <sup>h</sup> 5 <sup>m</sup> |
| 4       |      | +0.8              | 00 56 24.087  | +03 25 54.47                | 9.446929               | 0.93  | 8.80  | 23 34                           | 5 50                           | 12 2                           |
| 5       |      | +0.8              | 00 56 32.808  | +03 26 31.41                | 9.430336               | 0.93  | 8.81  | 23 30                           | 5 46                           | 11 58                          |
| 6       |      | +0.8              | 00 56 41.173  | +03 27 06.05                | 9.413736               | 0.93  | 8.83  | 23 27                           | 5 42                           | 11 54                          |
| 7       |      | +0.7              | 00 56 49.181  | +03 27 38.38                | 9.397132               | 0.94  | 8.84  | 23 23                           | 5 38                           | 11 50                          |
| 8       |      | +0.7              | 00 56 56.831  | +03 28 08.38                | 9.380529               | 0.94  | 8.86  | 23 19                           | 5 35                           | 11 47                          |
| 9       |      | +0.7              | 00 57 04.123  | +03 28 36.08                | 9.363931               | 0.94  | 8.87  | 23 15                           | 5 31                           | 11 43                          |
| 10      |      | +0.7              | 00 57 11.056  | +03 29 01.45                | 9.347343               | 0.94  | 8.89  | 23 11                           | 5 27                           | 11 39                          |
| 11      |      | +0.7              | 00 57 17.627  | +03 29 24.51                | 9.330768               | 0.94  | 8.91  | 23 7                            | 5 23                           | 11 35                          |
| 12      |      | +0.7              | 00 57 23.834  | +03 29 45.24                | 9.314212               | 0.94  | 8.92  | 23 4                            | 5 19                           | 11 31                          |
| 13      |      | +0.7              | 00 57 29.673  | +03 30 03.63                | 9.297680               | 0.95  | 8.94  | 23 0                            | 5 16                           | 11 28                          |
| 14      |      | +0.7              | 00 57 35.139  | +03 30 19.66                | 9.281175               | 0.95  | 8.95  | 22 56                           | 5 12                           | 11 24                          |
| 15      |      | +0.7              | 00 57 40.229  | +03 30 33.30                | 9.264703               | 0.95  | 8.97  | 22 52                           | 5 8                            | 11 20                          |
| 16      |      | +0.7              | 00 57 44.940  | +03 30 44.55                | 9.248269               | 0.95  | 8.99  | 22 48                           | 5 4                            | 11 16                          |
| 17      |      | +0.7              | 00 57 49.270  | +03 30 53.39                | 9.231878               | 0.95  | 9.00  | 22 44                           | 5 0                            | 11 12                          |
| 18      |      | +0.7              | 00 57 53.220  | +03 30 59.84                | 9.215535               | 0.95  | 9.02  | 22 40                           | 4 56                           | 11 8                           |
| 19      |      | +0.7              | 00 57 56.791  | +03 31 03.90                | 9.199244               | 0.96  | 9.03  | 22 37                           | 4 52                           | 11 4                           |
| 20      |      | +0.7              | 00 57 59.984  | +03 31 05.59                | 9.183009               | 0.96  | 9.05  | 22 33                           | 4 49                           | 11 1                           |
| 21      | +0.7 | 00 58 02.801      | +03 31 04.93  | 9.166836                    | 0.96                   | 9.06  | 22 29 | 4 45                            | 10 57                          |                                |
| 22      | +0.7 | 00 58 05.241      | +03 31 01.92  | 9.150728                    | 0.96                   | 9.08  | 22 25 | 4 41                            | 10 53                          |                                |
| 23      | +0.7 | 00 58 07.306      | +03 30 56.57  | 9.134691                    | 0.96                   | 9.10  | 22 21 | 4 37                            | 10 49                          |                                |
| 24      | +0.7 | 00 58 08.994      | +03 30 48.89  | 9.118728                    | 0.96                   | 9.11  | 22 17 | 4 33                            | 10 45                          |                                |
| 25      | +0.7 | 00 58 10.306      | +03 30 38.89  | 9.102844                    | 0.97                   | 9.13  | 22 13 | 4 29                            | 10 41                          |                                |
| 26      | +0.7 | 00 58 11.240      | +03 30 26.56  | 9.087043                    | 0.97                   | 9.14  | 22 9  | 4 25                            | 10 37                          |                                |
| 27      | +0.7 | 00 58 11.795      | +03 30 11.91  | 9.071329                    | 0.97                   | 9.16  | 22 5  | 4 21                            | 10 33                          |                                |
| 28      | +0.7 | 00 58 11.972      | +03 29 54.94  | 9.055707                    | 0.97                   | 9.18  | 22 1  | 4 17                            | 10 29                          |                                |
| 29      | +0.6 | 00 58 11.769      | +03 29 35.64  | 9.040181                    | 0.97                   | 9.19  | 21 58 | 4 13                            | 10 25                          |                                |
| 30      | +0.6 | 00 58 11.185      | +03 29 14.01  | 9.024755                    | 0.97                   | 9.21  | 21 54 | 4 9                             | 10 21                          |                                |
| 31      | +0.6 | 00 58 10.221      | +03 28 50.07  | 9.009433                    | 0.98                   | 9.22  | 21 50 | 4 5                             | 10 17                          |                                |
| 8 月 1   | +0.6 | 00 58 08.876      | +03 28 23.80  | 8.994220                    | 0.98                   | 9.24  | 21 46 | 4 2                             | 10 13                          |                                |
| 2       | +0.6 | 00 58 07.152      | +03 27 55.23  | 8.979119                    | 0.98                   | 9.25  | 21 42 | 3 58                            | 10 9                           |                                |
| 3       | +0.6 | 00 58 05.051      | +03 27 24.36  | 8.964136                    | 0.98                   | 9.27  | 21 38 | 3 54                            | 10 5                           |                                |
| 4       | +0.6 | 00 58 02.573      | +03 26 51.20  | 8.949274                    | 0.98                   | 9.29  | 21 34 | 3 50                            | 10 1                           |                                |
| 5       | +0.6 | 00 57 59.722      | +03 26 15.78  | 8.934537                    | 0.98                   | 9.30  | 21 30 | 3 46                            | 9 57                           |                                |
| 6       | +0.6 | 00 57 56.499      | +03 25 38.12  | 8.919931                    | 0.99                   | 9.32  | 21 26 | 3 42                            | 9 53                           |                                |
| 7       | +0.6 | 00 57 52.906      | +03 24 58.24  | 8.905461                    | 0.99                   | 9.33  | 21 22 | 3 38                            | 9 49                           |                                |
| 8       | +0.6 | 00 57 48.944      | +03 24 16.14  | 8.891130                    | 0.99                   | 9.35  | 21 18 | 3 34                            | 9 45                           |                                |
| 9       | +0.6 | 00 57 44.612      | +03 23 31.84  | 8.876943                    | 0.99                   | 9.36  | 21 14 | 3 30                            | 9 41                           |                                |
| 10      | +0.6 | 00 57 39.910      | +03 22 45.34  | 8.862905                    | 0.99                   | 9.38  | 21 10 | 3 26                            | 9 37                           |                                |
| 11      | +0.6 | 00 57 34.837      | +03 21 56.65  | 8.849022                    | 0.99                   | 9.39  | 21 6  | 3 22                            | 9 33                           |                                |
| 12      | +0.6 | 00 57 29.394      | +03 21 05.77  | 8.835298                    | 1.00                   | 9.41  | 21 2  | 3 18                            | 9 29                           |                                |
| 13      | +0.6 | 00 57 23.582      | +03 20 12.71  | 8.821737                    | 1.00                   | 9.42  | 20 58 | 3 14                            | 9 25                           |                                |
| 14      | +0.6 | 00 57 17.405      | +03 19 17.49  | 8.808345                    | 1.00                   | 9.43  | 20 54 | 3 10                            | 9 21                           |                                |
| 15      | +0.6 | 00 57 10.866      | +03 18 20.16  | 8.795127                    | 1.00                   | 9.45  | 20 50 | 3 6                             | 9 17                           |                                |
| 16      | +0.6 | 00 57 03.973      | +03 17 20.74  | 8.782085                    | 1.00                   | 9.46  | 20 46 | 3 1                             | 9 13                           |                                |
| 17      | +0.6 | 00 56 56.728      | +03 16 19.28  | 8.769226                    | 1.00                   | 9.48  | 20 42 | 2 57                            | 9 9                            |                                |
| 18      | +0.5 | 00 56 49.138      | +03 15 15.82  | 8.756553                    | 1.00                   | 9.49  | 20 38 | 2 53                            | 9 5                            |                                |

## 土 星 令和 8 年 2026

| 月 日      | 状況 | 真春分点にもとづく座標系      |   |                             | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                       |                                |                               |
|----------|----|-------------------|---|-----------------------------|------------------------|-------|-------|---------------------------------|--------------------------------|-------------------------------|
|          |    | 等級                | 視赤経   | 視赤緯                         | 距離                     | 視差    | 視半径   | 出                               | 南中                             | 入                             |
| 8 月 18 日 |    | +0.5 <sup>等</sup> | 00 <sup>h</sup> 56 <sup>m</sup> 49.138 <sup>s</sup> | +03 <sup>°</sup> 15' 15.82" | 8.756553 <sup>au</sup> | 1.00" | 9.49" | 20 <sup>h</sup> 38 <sup>m</sup> | 2 <sup>h</sup> 53 <sup>m</sup> | 9 <sup>h</sup> 5 <sup>m</sup> |
| 19       |    | +0.5              | 00 56 41.206  | +03 14 10.39                | 8.744070               | 1.01  | 9.50  | 20 34                           | 2 49                           | 9 0                           |
| 20       |    | +0.5              | 00 56 32.938  | +03 13 03.02                | 8.731781               | 1.01  | 9.52  | 20 30                           | 2 45                           | 8 56                          |
| 21       |    | +0.5              | 00 56 24.335  | +03 11 53.75                | 8.719690               | 1.01  | 9.53  | 20 26                           | 2 41                           | 8 52                          |
| 22       |    | +0.5              | 00 56 15.402  | +03 10 42.60                | 8.707801               | 1.01  | 9.54  | 20 22                           | 2 37                           | 8 48                          |
| 23       |    | +0.5              | 00 56 06.141  | +03 09 29.59                | 8.696118               | 1.01  | 9.56  | 20 18                           | 2 33                           | 8 44                          |
| 24       |    | +0.5              | 00 55 56.558  | +03 08 14.76                | 8.684645               | 1.01  | 9.57  | 20 14                           | 2 29                           | 8 40                          |
| 25       |    | +0.5              | 00 55 46.654  | +03 06 58.13                | 8.673384               | 1.01  | 9.58  | 20 10                           | 2 25                           | 8 36                          |
| 26       |    | +0.5              | 00 55 36.434  | +03 05 39.73                | 8.662340               | 1.02  | 9.59  | 20 6                            | 2 21                           | 8 31                          |
| 27       |    | +0.5              | 00 55 25.902  | +03 04 19.58                | 8.651515               | 1.02  | 9.60  | 20 2                            | 2 17                           | 8 27                          |
| 28       |    | +0.5              | 00 55 15.062  | +03 02 57.72                | 8.640915               | 1.02  | 9.62  | 19 58                           | 2 13                           | 8 23                          |
| 29       |    | +0.5              | 00 55 03.919  | +03 01 34.18                | 8.630541               | 1.02  | 9.63  | 19 54                           | 2 8                            | 8 19                          |
| 30       |    | +0.5              | 00 54 52.480  | +03 00 09.00                | 8.620398               | 1.02  | 9.64  | 19 50                           | 2 4                            | 8 15                          |
| 31       |    | +0.5              | 00 54 40.751  | +02 58 42.21                | 8.610489               | 1.02  | 9.65  | 19 46                           | 2 0                            | 8 11                          |
| 9 月 1    |    | +0.5              | 00 54 28.738  | +02 57 13.88                | 8.600817               | 1.02  | 9.66  | 19 42                           | 1 56                           | 8 6                           |
| 2        |    | +0.5              | 00 54 16.448  | +02 55 44.04                | 8.591386               | 1.02  | 9.67  | 19 38                           | 1 52                           | 8 2                           |
| 3        |    | +0.5              | 00 54 03.888  | +02 54 12.73                | 8.582199               | 1.02  | 9.68  | 19 33                           | 1 48                           | 7 58                          |
| 4        |    | +0.5              | 00 53 51.061  | +02 52 40.02                | 8.573261               | 1.03  | 9.69  | 19 29                           | 1 44                           | 7 54                          |
| 5        |    | +0.5              | 00 53 37.974  | +02 51 05.92                | 8.564573               | 1.03  | 9.70  | 19 25                           | 1 39                           | 7 49                          |
| 6        |    | +0.5              | 00 53 24.631  | +02 49 30.47                | 8.556141               | 1.03  | 9.71  | 19 21                           | 1 35                           | 7 45                          |
| 7        |    | +0.4              | 00 53 11.036  | +02 47 53.72                | 8.547967               | 1.03  | 9.72  | 19 17                           | 1 31                           | 7 41                          |
| 8        |    | +0.4              | 00 52 57.193  | +02 46 15.68                | 8.540055               | 1.03  | 9.73  | 19 13                           | 1 27                           | 7 37                          |
| 9        |    | +0.4              | 00 52 43.108  | +02 44 36.40                | 8.532409               | 1.03  | 9.74  | 19 9                            | 1 23                           | 7 33                          |
| 10       |    | +0.4              | 00 52 28.790  | +02 42 55.93                | 8.525031               | 1.03  | 9.75  | 19 5                            | 1 19                           | 7 28                          |
| 11       |    | +0.4              | 00 52 14.246  | +02 41 14.32                | 8.517926               | 1.03  | 9.76  | 19 1                            | 1 14                           | 7 24                          |
| 12       |    | +0.4              | 00 51 59.486  | +02 39 31.65                | 8.511095               | 1.03  | 9.76  | 18 57                           | 1 10                           | 7 20                          |
| 13       |    | +0.4              | 00 51 44.519  | +02 37 47.97                | 8.504541               | 1.03  | 9.77  | 18 53                           | 1 6                            | 7 16                          |
| 14       |    | +0.4              | 00 51 29.357  | +02 36 03.35                | 8.498267               | 1.03  | 9.78  | 18 49                           | 1 2                            | 7 11                          |
| 15       |    | +0.4              | 00 51 14.006  | +02 34 17.85                | 8.492276               | 1.04  | 9.79  | 18 44                           | 0 58                           | 7 7                           |
| 16       |    | +0.4              | 00 50 58.477  | +02 32 31.54                | 8.486570               | 1.04  | 9.79  | 18 40                           | 0 54                           | 7 3                           |
| 17       |    | +0.4              | 00 50 42.777  | +02 30 44.48                | 8.481149               | 1.04  | 9.80  | 18 36                           | 0 49                           | 6 58                          |
| 18       |    | +0.4              | 00 50 26.914  | +02 28 56.71                | 8.476018               | 1.04  | 9.80  | 18 32                           | 0 45                           | 6 54                          |
| 19       |    | +0.4              | 00 50 10.896  | +02 27 08.29                | 8.471176               | 1.04  | 9.81  | 18 28                           | 0 41                           | 6 50                          |
| 20       |    | +0.4              | 00 49 54.731  | +02 25 19.27                | 8.466627               | 1.04  | 9.81  | 18 24                           | 0 37                           | 6 46                          |
| 21       |    | +0.4              | 00 49 38.425  | +02 23 29.70                | 8.462371               | 1.04  | 9.82  | 18 20                           | 0 33                           | 6 41                          |
| 22       |    | +0.4              | 00 49 21.987  | +02 21 39.63                | 8.458410               | 1.04  | 9.82  | 18 16                           | 0 28                           | 6 37                          |
| 23       |    | +0.4              | 00 49 05.426  | +02 19 49.11                | 8.454745               | 1.04  | 9.83  | 18 12                           | 0 24                           | 6 33                          |
| 24       |    | +0.4              | 00 48 48.748  | +02 17 58.20                | 8.451378               | 1.04  | 9.83  | 18 7                            | 0 20                           | 6 28                          |
| 25       |    | +0.4              | 00 48 31.964  | +02 16 06.94                | 8.448309               | 1.04  | 9.84  | 18 3                            | 0 16                           | 6 24                          |
| 26       |    | +0.4              | 00 48 15.082  | +02 14 15.40                | 8.445540               | 1.04  | 9.84  | 17 59                           | 0 12                           | 6 20                          |
| 27       |    | +0.4              | 00 47 58.112  | +02 12 23.64                | 8.443072               | 1.04  | 9.84  | 17 55                           | 0 7                            | 6 16                          |
| 28       |    | +0.4              | 00 47 41.065  | +02 10 31.72                | 8.440905               | 1.04  | 9.84  | 17 51                           | 0 3*                           | 6 11                          |
| 29       |    | +0.4              | 00 47 23.950  | +02 08 39.72                | 8.439041               | 1.04  | 9.85  | 17 47                           | 23 55                          | 6 7                           |
| 30       |    | +0.4              | 00 47 06.779  | +02 06 47.69                | 8.437480               | 1.04  | 9.85  | 17 43                           | 23 50                          | 6 3                           |
| 10 月 1   |    | +0.3              | 00 46 49.558  | +02 04 55.71                | 8.436224               | 1.04  | 9.85  | 17 39                           | 23 46                          | 5 58                          |
| 2        |    | +0.3              | 00 46 32.297  | +02 03 03.81                | 8.435274               | 1.04  | 9.85  | 17 34                           | 23 42                          | 5 54                          |
| 3        |    | +0.3              | 00 46 15.002  | +02 01 12.06                | 8.434630               | 1.04  | 9.85  | 17 30                           | 23 38                          | 5 50                          |

\* 23:59 にもう一度南中する .

| 月 日  | 状況   | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                       |                                 |                                |
|------|------|-------------------|---|-----------------|------------------------|-------|-------|---------------------------------|---------------------------------|--------------------------------|
|      |      | 等級                | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                               | 南中                              | 入                              |
| 10 3 | 衝    | +0.3 <sup>等</sup> | 00 <sup>h</sup> 46 <sup>m</sup> 15.002 <sup>s</sup> | +02° 01' 12.06" | 8.434630 <sup>au</sup> | 1.04" | 9.85" | 17 <sup>h</sup> 30 <sup>m</sup> | 23 <sup>h</sup> 38 <sup>m</sup> | 5 <sup>h</sup> 50 <sup>m</sup> |
| 4    |      | +0.3              | 00 45 57.681  | +01 59 20.49    | 8.434294               | 1.04  | 9.85  | 17 26                           | 23 34                           | 5 45                           |
| 5    |      | +0.3              | 00 45 40.341  | +01 57 29.17    | 8.434265               | 1.04  | 9.85  | 17 22                           | 23 29                           | 5 41                           |
| 6    |      | +0.3              | 00 45 22.991  | +01 55 38.14    | 8.434545               | 1.04  | 9.85  | 17 18                           | 23 25                           | 5 37                           |
| 7    |      | +0.3              | 00 45 05.640  | +01 53 47.45    | 8.435134               | 1.04  | 9.85  | 17 14                           | 23 21                           | 5 32                           |
| 8    |      | +0.3              | 00 44 48.298  | +01 51 57.19    | 8.436032               | 1.04  | 9.85  | 17 10                           | 23 17                           | 5 28                           |
| 9    |      | +0.4              | 00 44 30.978  | +01 50 07.41    | 8.437239               | 1.04  | 9.85  | 17 5                            | 23 13                           | 5 24                           |
| 10   |      | +0.4              | 00 44 13.691  | +01 48 18.20    | 8.438756               | 1.04  | 9.85  | 17 1                            | 23 8                            | 5 20                           |
| 11   |      | +0.4              | 00 43 56.448  | +01 46 29.63    | 8.440581               | 1.04  | 9.84  | 16 57                           | 23 4                            | 5 15                           |
| 12   |      | +0.4              | 00 43 39.261  | +01 44 41.77    | 8.442715               | 1.04  | 9.84  | 16 53                           | 23 0                            | 5 11                           |
| 13   |      | +0.4              | 00 43 22.140  | +01 42 54.69    | 8.445155               | 1.04  | 9.84  | 16 49                           | 22 56                           | 5 7                            |
| 14   |      | +0.4              | 00 43 05.094  | +01 41 08.45    | 8.447902               | 1.04  | 9.84  | 16 45                           | 22 51                           | 5 2                            |
| 15   |      | +0.4              | 00 42 48.133  | +01 39 23.11    | 8.450954               | 1.04  | 9.83  | 16 41                           | 22 47                           | 4 58                           |
| 16   |      | +0.4              | 00 42 31.266  | +01 37 38.73    | 8.454310               | 1.04  | 9.83  | 16 37                           | 22 43                           | 4 54                           |
| 17   |      | +0.4              | 00 42 14.501  | +01 35 55.35    | 8.457969               | 1.04  | 9.82  | 16 32                           | 22 39                           | 4 49                           |
| 18   |      | +0.4              | 00 41 57.846  | +01 34 13.03    | 8.461928               | 1.04  | 9.82  | 16 28                           | 22 35                           | 4 45                           |
| 19   |      | +0.4              | 00 41 41.310  | +01 32 31.83    | 8.466186               | 1.04  | 9.82  | 16 24                           | 22 30                           | 4 41                           |
| 20   |      | +0.4              | 00 41 24.901  | +01 30 51.78    | 8.470742               | 1.04  | 9.81  | 16 20                           | 22 26                           | 4 37                           |
| 21   | +0.4 | 00 41 08.628      | +01 29 12.93  | 8.475594        | 1.04                   | 9.80  | 16 16 | 22 22                           | 4 32                            |                                |
| 22   | +0.4 | 00 40 52.499      | +01 27 35.35  | 8.480739        | 1.04                   | 9.80  | 16 12 | 22 18                           | 4 28                            |                                |
| 23   | +0.4 | 00 40 36.523      | +01 25 59.08  | 8.486175        | 1.04                   | 9.79  | 16 8  | 22 14                           | 4 24                            |                                |
| 24   | +0.4 | 00 40 20.710      | +01 24 24.17  | 8.491901        | 1.04                   | 9.79  | 16 4  | 22 9                            | 4 19                            |                                |
| 25   | +0.4 | 00 40 05.069      | +01 22 50.68  | 8.497914        | 1.03                   | 9.78  | 15 59 | 22 5                            | 4 15                            |                                |
| 26   | +0.4 | 00 39 49.611      | +01 21 18.67  | 8.504211        | 1.03                   | 9.77  | 15 55 | 22 1                            | 4 11                            |                                |
| 27   | +0.4 | 00 39 34.343      | +01 19 48.20  | 8.510792        | 1.03                   | 9.76  | 15 51 | 21 57                           | 4 7                             |                                |
| 28   | +0.4 | 00 39 19.276      | +01 18 19.32  | 8.517653        | 1.03                   | 9.76  | 15 47 | 21 53                           | 4 2                             |                                |
| 29   | +0.4 | 00 39 04.414      | +01 16 52.08  | 8.524792        | 1.03                   | 9.75  | 15 43 | 21 49                           | 3 58                            |                                |
| 30   | +0.5 | 00 38 49.765      | +01 15 26.50  | 8.532207        | 1.03                   | 9.74  | 15 39 | 21 44                           | 3 54                            |                                |
| 31   | +0.5 | 00 38 35.334      | +01 14 02.63  | 8.539897        | 1.03                   | 9.73  | 15 35 | 21 40                           | 3 50                            |                                |
| 11 1 | +0.5 | 00 38 21.127      | +01 12 40.50  | 8.547858        | 1.03                   | 9.72  | 15 31 | 21 36                           | 3 45                            |                                |
| 2    | +0.5 | 00 38 07.149      | +01 11 20.13  | 8.556088        | 1.03                   | 9.71  | 15 27 | 21 32                           | 3 41                            |                                |
| 3    | +0.5 | 00 37 53.409      | +01 10 01.58  | 8.564585        | 1.03                   | 9.70  | 15 23 | 21 28                           | 3 37                            |                                |
| 4    | +0.5 | 00 37 39.914      | +01 08 44.89  | 8.573345        | 1.03                   | 9.69  | 15 18 | 21 24                           | 3 33                            |                                |
| 5    | +0.5 | 00 37 26.674      | +01 07 30.11  | 8.582366        | 1.02                   | 9.68  | 15 14 | 21 19                           | 3 29                            |                                |
| 6    | +0.5 | 00 37 13.698      | +01 06 17.31  | 8.591645        | 1.02                   | 9.67  | 15 10 | 21 15                           | 3 24                            |                                |
| 7    | +0.5 | 00 37 00.994      | +01 05 06.52  | 8.601178        | 1.02                   | 9.66  | 15 6  | 21 11                           | 3 20                            |                                |
| 8    | +0.5 | 00 36 48.572      | +01 03 57.81  | 8.610962        | 1.02                   | 9.65  | 15 2  | 21 7                            | 3 16                            |                                |
| 9    | +0.5 | 00 36 36.438      | +01 02 51.22  | 8.620993        | 1.02                   | 9.64  | 14 58 | 21 3                            | 3 12                            |                                |
| 10   | +0.5 | 00 36 24.600      | +01 01 46.78  | 8.631267        | 1.02                   | 9.63  | 14 54 | 20 59                           | 3 8                             |                                |
| 11   | +0.5 | 00 36 13.063      | +01 00 44.54  | 8.641781        | 1.02                   | 9.62  | 14 50 | 20 55                           | 3 3                             |                                |
| 12   | +0.5 | 00 36 01.834      | +00 59 44.52  | 8.652531        | 1.02                   | 9.60  | 14 46 | 20 50                           | 2 59                            |                                |
| 13   | +0.5 | 00 35 50.918      | +00 58 46.75  | 8.663511        | 1.02                   | 9.59  | 14 42 | 20 46                           | 2 55                            |                                |
| 14   | +0.5 | 00 35 40.318      | +00 57 51.26  | 8.674719        | 1.01                   | 9.58  | 14 38 | 20 42                           | 2 51                            |                                |
| 15   | +0.5 | 00 35 30.041      | +00 56 58.07  | 8.686149        | 1.01                   | 9.57  | 14 34 | 20 38                           | 2 47                            |                                |
| 16   | +0.5 | 00 35 20.090      | +00 56 07.20  | 8.697798        | 1.01                   | 9.55  | 14 30 | 20 34                           | 2 43                            |                                |
| 17   | +0.5 | 00 35 10.471      | +00 55 18.67  | 8.709660        | 1.01                   | 9.54  | 14 25 | 20 30                           | 2 39                            |                                |
| 18   | +0.5 | 00 35 01.187      | +00 54 32.51  | 8.721732        | 1.01                   | 9.53  | 14 21 | 20 26                           | 2 34                            |                                |

土 星 令和 8 年 2026

| 月 日   | 状況 | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>     |       |       | 東京, 中央標準時                       |                                 |                                |
|-------|----|-------------------|---|-----------------|------------------------|-------|-------|---------------------------------|---------------------------------|--------------------------------|
|       |    | 等級                | 視赤経   | 視赤緯             | 距離                     | 視差    | 視半径   | 出                               | 南中                              | 入                              |
| 11 18 |    | +0.5 <sup>等</sup> | 00 <sup>h</sup> 35 <sup>m</sup> 01.187 <sup>s</sup> | +00° 54' 32.51" | 8.721732 <sup>au</sup> | 1.01" | 9.53" | 14 <sup>h</sup> 21 <sup>m</sup> | 20 <sup>h</sup> 26 <sup>m</sup> | 2 <sup>h</sup> 34 <sup>m</sup> |
| 19    |    | +0.5              | 00 34 52.243  | +00 53 48.73    | 8.734009               | 1.01  | 9.51  | 14 17                           | 20 22                           | 2 30                           |
| 20    |    | +0.6              | 00 34 43.646  | +00 53 07.36    | 8.746486               | 1.01  | 9.50  | 14 13                           | 20 18                           | 2 26                           |
| 21    |    | +0.6              | 00 34 35.399  | +00 52 28.43    | 8.759160               | 1.00  | 9.49  | 14 9                            | 20 14                           | 2 22                           |
| 22    |    | +0.6              | 00 34 27.508  | +00 51 51.96    | 8.772024               | 1.00  | 9.47  | 14 5                            | 20 10                           | 2 18                           |
| 23    |    | +0.6              | 00 34 19.979  | +00 51 17.99    | 8.785075               | 1.00  | 9.46  | 14 1                            | 20 6                            | 2 14                           |
| 24    |    | +0.6              | 00 34 12.816  | +00 50 46.52    | 8.798309               | 1.00  | 9.44  | 13 57                           | 20 2                            | 2 10                           |
| 25    |    | +0.6              | 00 34 06.021  | +00 50 17.59    | 8.811721               | 1.00  | 9.43  | 13 53                           | 19 57                           | 2 6                            |
| 26    |    | +0.6              | 00 33 59.597  | +00 49 51.20    | 8.825307               | 1.00  | 9.42  | 13 49                           | 19 53                           | 2 2                            |
| 27    |    | +0.6              | 00 33 53.545  | +00 49 27.34    | 8.839062               | 0.99  | 9.40  | 13 45                           | 19 49                           | 1 58                           |
| 28    |    | +0.6              | 00 33 47.864  | +00 49 06.02    | 8.852982               | 0.99  | 9.39  | 13 41                           | 19 45                           | 1 54                           |
| 29    |    | +0.6              | 00 33 42.556  | +00 48 47.23    | 8.867064               | 0.99  | 9.37  | 13 37                           | 19 41                           | 1 50                           |
| 30    |    | +0.6              | 00 33 37.623  | +00 48 30.99    | 8.881302               | 0.99  | 9.36  | 13 33                           | 19 37                           | 1 46                           |
| 12 1  |    | +0.6              | 00 33 33.068  | +00 48 17.30    | 8.895692               | 0.99  | 9.34  | 13 29                           | 19 33                           | 1 42                           |
| 2     |    | +0.6              | 00 33 28.897  | +00 48 06.19    | 8.910230               | 0.99  | 9.33  | 13 25                           | 19 29                           | 1 38                           |
| 3     |    | +0.6              | 00 33 25.112  | +00 47 57.68    | 8.924910               | 0.99  | 9.31  | 13 21                           | 19 25                           | 1 34                           |
| 4     |    | +0.6              | 00 33 21.719  | +00 47 51.79    | 8.939728               | 0.98  | 9.30  | 13 17                           | 19 21                           | 1 30                           |
| 5     |    | +0.6              | 00 33 18.721  | +00 47 48.54    | 8.954679               | 0.98  | 9.28  | 13 13                           | 19 17                           | 1 26                           |
| 6     |    | +0.6              | 00 33 16.120  | +00 47 47.94    | 8.969758               | 0.98  | 9.26  | 13 9                            | 19 13                           | 1 22                           |
| 7     |    | +0.6              | 00 33 13.919  | +00 47 50.01    | 8.984959               | 0.98  | 9.25  | 13 5                            | 19 9                            | 1 18                           |
| 8     |    | +0.6              | 00 33 12.120  | +00 47 54.73    | 9.000277               | 0.98  | 9.23  | 13 1                            | 19 5                            | 1 14                           |
| 9     |    | +0.6              | 00 33 10.722  | +00 48 02.12    | 9.015707               | 0.98  | 9.22  | 12 57                           | 19 2                            | 1 10                           |
| 10    |    | +0.6              | 00 33 09.727  | +00 48 12.16    | 9.031244               | 0.97  | 9.20  | 12 53                           | 18 58                           | 1 6                            |
| 11    |    | +0.7              | 00 33 09.135  | +00 48 24.86    | 9.046882               | 0.97  | 9.19  | 12 49                           | 18 54                           | 1 2                            |
| 12    | 留  | +0.7              | 00 33 08.944  | +00 48 40.20    | 9.062615               | 0.97  | 9.17  | 12 46                           | 18 50                           | 0 58                           |
| 13    |    | +0.7              | 00 33 09.156  | +00 48 58.18    | 9.078440               | 0.97  | 9.15  | 12 42                           | 18 46                           | 0 54                           |
| 14    |    | +0.7              | 00 33 09.769  | +00 49 18.77    | 9.094349               | 0.97  | 9.14  | 12 38                           | 18 42                           | 0 50                           |
| 15    |    | +0.7              | 00 33 10.784  | +00 49 41.98    | 9.110338               | 0.97  | 9.12  | 12 34                           | 18 38                           | 0 46                           |
| 16    |    | +0.7              | 00 33 12.200  | +00 50 07.80    | 9.126401               | 0.96  | 9.11  | 12 30                           | 18 34                           | 0 42                           |
| 17    |    | +0.7              | 00 33 14.019  | +00 50 36.22    | 9.142533               | 0.96  | 9.09  | 12 26                           | 18 30                           | 0 38                           |
| 18    |    | +0.7              | 00 33 16.239  | +00 51 07.23    | 9.158730               | 0.96  | 9.07  | 12 22                           | 18 26                           | 0 34                           |
| 19    |    | +0.7              | 00 33 18.863  | +00 51 40.84    | 9.174984               | 0.96  | 9.06  | 12 18                           | 18 22                           | 0 31                           |
| 20    |    | +0.7              | 00 33 21.890  | +00 52 17.03    | 9.191292               | 0.96  | 9.04  | 12 14                           | 18 19                           | 0 27                           |
| 21    |    | +0.7              | 00 33 25.321  | +00 52 55.80    | 9.207649               | 0.96  | 9.02  | 12 10                           | 18 15                           | 0 23                           |
| 22    |    | +0.7              | 00 33 29.156  | +00 53 37.16    | 9.224049               | 0.95  | 9.01  | 12 6                            | 18 11                           | 0 19                           |
| 23    |    | +0.7              | 00 33 33.391  | +00 54 21.07    | 9.240488               | 0.95  | 8.99  | 12 2                            | 18 7                            | 0 15                           |
| 24    |    | +0.7              | 00 33 38.025  | +00 55 07.53    | 9.256961               | 0.95  | 8.98  | 11 59                           | 18 3                            | 0 11                           |
| 25    |    | +0.7              | 00 33 43.052  | +00 55 56.49    | 9.273463               | 0.95  | 8.96  | 11 55                           | 17 59                           | 0 8                            |
| 26    |    | +0.7              | 00 33 48.470  | +00 56 47.93    | 9.289991               | 0.95  | 8.94  | 11 51                           | 17 55                           | 0 4                            |
| 27    |    | +0.7              | 00 33 54.275  | +00 57 41.82    | 9.306539               | 0.94  | 8.93  | 11 47                           | 17 52                           | 0 0*                           |
| 28    |    | +0.7              | 00 34 00.466  | +00 58 38.14    | 9.323103               | 0.94  | 8.91  | 11 43                           | 17 48                           | 23 52                          |
| 29    |    | +0.7              | 00 34 07.044  | +00 59 36.90    | 9.339679               | 0.94  | 8.90  | 11 39                           | 17 44                           | 23 49                          |
| 30    |    | +0.7              | 00 34 14.008  | +01 00 38.09    | 9.356260               | 0.94  | 8.88  | 11 35                           | 17 40                           | 23 45                          |
| 31    |    | +0.7              | 00 34 21.360  | +01 01 41.71    | 9.372844               | 0.94  | 8.87  | 11 31                           | 17 36                           | 23 41                          |
| 32    |    | +0.7              | 00 34 29.099  | +01 02 47.75    | 9.389424               | 0.94  | 8.85  | 11 28                           | 17 32                           | 23 37                          |
| 33    |    | +0.7              | 00 34 37.224  | +01 03 56.21    | 9.405996               | 0.93  | 8.83  | 11 24                           | 17 29                           | 23 34                          |
| 34    |    | +0.7              | 00 34 45.734  | +01 05 07.07    | 9.422554               | 0.93  | 8.82  | 11 20                           | 17 25                           | 23 30                          |

\* 23:56 にもう一度入となる。

天王星 令和8年 2026

| 月日   | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                       |                                 |                                |
|------|----|--------------|---|-----------------|-------------------------|-------|-------|---------------------------------|---------------------------------|--------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                               | 南中                              | 入                              |
| 1 0  |    | +5.6         | 03 <sup>h</sup> 43 <sup>m</sup> 03.819 <sup>s</sup> | +19° 30' 56.20" | 18.743825 <sup>au</sup> | 0.47" | 1.88" | 13 <sup>h</sup> 43 <sup>m</sup> | 20 <sup>h</sup> 43 <sup>m</sup> | 3 <sup>h</sup> 48 <sup>m</sup> |
| 1 1  |    | +5.6         | 03 42 56.909  | +19 30 34.74    | 18.755256               | 0.47  | 1.88  | 13 38                           | 20 39                           | 3 44                           |
| 1 2  |    | +5.6         | 03 42 50.169  | +19 30 13.84    | 18.766914               | 0.47  | 1.88  | 13 34                           | 20 35                           | 3 40                           |
| 1 3  |    | +5.6         | 03 42 43.597  | +19 29 53.51    | 18.778795               | 0.47  | 1.88  | 13 30                           | 20 31                           | 3 36                           |
| 1 4  |    | +5.6         | 03 42 37.194  | +19 29 33.74    | 18.790895               | 0.47  | 1.88  | 13 26                           | 20 27                           | 3 32                           |
| 1 5  |    | +5.7         | 03 42 30.959  | +19 29 14.53    | 18.803211               | 0.47  | 1.87  | 13 22                           | 20 23                           | 3 28                           |
| 1 6  |    | +5.7         | 03 42 24.894  | +19 28 55.87    | 18.815738               | 0.47  | 1.87  | 13 18                           | 20 19                           | 3 24                           |
| 1 7  |    | +5.7         | 03 42 19.003  | +19 28 37.76    | 18.828473               | 0.47  | 1.87  | 13 14                           | 20 15                           | 3 20                           |
| 1 8  |    | +5.7         | 03 42 13.290  | +19 28 20.21    | 18.841411               | 0.47  | 1.87  | 13 10                           | 20 11                           | 3 16                           |
| 1 9  |    | +5.7         | 03 42 07.758  | +19 28 03.23    | 18.854549               | 0.47  | 1.87  | 13 6                            | 20 7                            | 3 12                           |
| 1 10 |    | +5.7         | 03 42 02.412  | +19 27 46.84    | 18.867882               | 0.47  | 1.87  | 13 2                            | 20 3                            | 3 8                            |
| 1 11 |    | +5.7         | 03 41 57.256  | +19 27 31.04    | 18.881407               | 0.47  | 1.87  | 12 58                           | 19 59                           | 3 4                            |
| 1 12 |    | +5.7         | 03 41 52.293  | +19 27 15.86    | 18.895118               | 0.47  | 1.87  | 12 54                           | 19 55                           | 3 0                            |
| 1 13 |    | +5.7         | 03 41 47.526  | +19 27 01.32    | 18.909012               | 0.47  | 1.86  | 12 50                           | 19 51                           | 2 56                           |
| 1 14 |    | +5.7         | 03 41 42.956  | +19 26 47.43    | 18.923083               | 0.46  | 1.86  | 12 46                           | 19 47                           | 2 52                           |
| 1 15 |    | +5.7         | 03 41 38.586  | +19 26 34.20    | 18.937327               | 0.46  | 1.86  | 12 42                           | 19 43                           | 2 48                           |
| 1 16 |    | +5.7         | 03 41 34.416  | +19 26 21.64    | 18.951739               | 0.46  | 1.86  | 12 38                           | 19 39                           | 2 44                           |
| 1 17 |    | +5.7         | 03 41 30.448  | +19 26 09.76    | 18.966314               | 0.46  | 1.86  | 12 34                           | 19 35                           | 2 40                           |
| 1 18 |    | +5.7         | 03 41 26.683  | +19 25 58.56    | 18.981047               | 0.46  | 1.86  | 12 30                           | 19 31                           | 2 36                           |
| 1 19 |    | +5.7         | 03 41 23.121  | +19 25 48.04    | 18.995932               | 0.46  | 1.86  | 12 26                           | 19 27                           | 2 32                           |
| 1 20 |    | +5.7         | 03 41 19.762  | +19 25 38.20    | 19.010966               | 0.46  | 1.85  | 12 22                           | 19 23                           | 2 28                           |
| 1 21 |    | +5.7         | 03 41 16.608  | +19 25 29.04    | 19.026141               | 0.46  | 1.85  | 12 18                           | 19 19                           | 2 24                           |
| 1 22 |    | +5.7         | 03 41 13.661  | +19 25 20.55    | 19.041454               | 0.46  | 1.85  | 12 15                           | 19 15                           | 2 20                           |
| 1 23 |    | +5.7         | 03 41 10.923  | +19 25 12.73    | 19.056898               | 0.46  | 1.85  | 12 11                           | 19 11                           | 2 16                           |
| 1 24 |    | +5.7         | 03 41 08.397  | +19 25 05.58    | 19.072468               | 0.46  | 1.85  | 12 7                            | 19 7                            | 2 12                           |
| 1 25 |    | +5.7         | 03 41 06.085  | +19 24 59.12    | 19.088158               | 0.46  | 1.85  | 12 3                            | 19 3                            | 2 8                            |
| 1 26 |    | +5.7         | 03 41 03.990  | +19 24 53.35    | 19.103964               | 0.46  | 1.84  | 11 59                           | 18 59                           | 2 4                            |
| 1 27 |    | +5.7         | 03 41 02.115  | +19 24 48.29    | 19.119879               | 0.46  | 1.84  | 11 55                           | 18 55                           | 2 0                            |
| 1 28 |    | +5.7         | 03 41 00.459  | +19 24 43.96    | 19.135898               | 0.46  | 1.84  | 11 51                           | 18 51                           | 1 56                           |
| 1 29 |    | +5.7         | 03 40 59.023  | +19 24 40.37    | 19.152017               | 0.46  | 1.84  | 11 47                           | 18 47                           | 1 52                           |
| 1 30 |    | +5.7         | 03 40 57.805  | +19 24 37.52    | 19.168229               | 0.46  | 1.84  | 11 43                           | 18 43                           | 1 48                           |
| 1 31 |    | +5.7         | 03 40 56.802  | +19 24 35.41    | 19.184530               | 0.46  | 1.84  | 11 39                           | 18 39                           | 1 44                           |
| 2 1  |    | +5.7         | 03 40 56.014  | +19 24 34.02    | 19.200916               | 0.46  | 1.84  | 11 35                           | 18 36                           | 1 40                           |
| 2 2  |    | +5.7         | 03 40 55.437  | +19 24 33.34    | 19.217380               | 0.46  | 1.83  | 11 31                           | 18 32                           | 1 36                           |
| 2 3  |    | +5.7         | 03 40 55.074  | +19 24 33.36    | 19.233918               | 0.46  | 1.83  | 11 27                           | 18 28                           | 1 32                           |
| 2 4  | 留  | +5.7         | 03 40 54.924  | +19 24 34.08    | 19.250526               | 0.46  | 1.83  | 11 23                           | 18 24                           | 1 28                           |
| 2 5  |    | +5.7         | 03 40 54.991  | +19 24 35.48    | 19.267198               | 0.46  | 1.83  | 11 19                           | 18 20                           | 1 24                           |
| 2 6  |    | +5.7         | 03 40 55.276  | +19 24 37.59    | 19.283930               | 0.46  | 1.83  | 11 15                           | 18 16                           | 1 20                           |
| 2 7  |    | +5.7         | 03 40 55.780  | +19 24 40.40    | 19.300716               | 0.46  | 1.83  | 11 11                           | 18 12                           | 1 16                           |
| 2 8  |    | +5.7         | 03 40 56.506  | +19 24 43.93    | 19.317551               | 0.46  | 1.82  | 11 7                            | 18 8                            | 1 13                           |
| 2 9  |    | +5.7         | 03 40 57.454  | +19 24 48.19    | 19.334431               | 0.45  | 1.82  | 11 3                            | 18 4                            | 1 9                            |
| 2 10 |    | +5.7         | 03 40 58.624  | +19 24 53.18    | 19.351350               | 0.45  | 1.82  | 11 0                            | 18 0                            | 1 5                            |
| 2 11 |    | +5.7         | 03 41 00.016  | +19 24 58.91    | 19.368302               | 0.45  | 1.82  | 10 56                           | 17 56                           | 1 1                            |
| 2 12 |    | +5.7         | 03 41 01.628  | +19 25 05.37    | 19.385284               | 0.45  | 1.82  | 10 52                           | 17 52                           | 0 57                           |
| 2 13 |    | +5.7         | 03 41 03.460  | +19 25 12.58    | 19.402288               | 0.45  | 1.82  | 10 48                           | 17 48                           | 0 53                           |
| 2 14 |    | +5.7         | 03 41 05.511  | +19 25 20.52    | 19.419310               | 0.45  | 1.81  | 10 44                           | 17 45                           | 0 49                           |
| 2 15 |    | +5.7         | 03 41 07.779  | +19 25 29.18    | 19.436345               | 0.45  | 1.81  | 10 40                           | 17 41                           | 0 45                           |

## 天王星 令和8年 2026

| 月日    | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                       |                                 |                                |
|-------|----|--------------|---|-----------------|-------------------------|-------|-------|---------------------------------|---------------------------------|--------------------------------|
|       |    | 等級           | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                               | 南中                              | 入                              |
| 2月15日 |    | +5.7         | 03 <sup>h</sup> 41 <sup>m</sup> 07.779 <sup>s</sup> | +19° 25' 29.18" | 19.436345 <sup>au</sup> | 0.45" | 1.81" | 10 <sup>h</sup> 40 <sup>m</sup> | 17 <sup>h</sup> 41 <sup>m</sup> | 0 <sup>h</sup> 45 <sup>m</sup> |
| 16    |    | +5.7         | 03 41 10.263  | +19 25 38.57    | 19.453386               | 0.45  | 1.81  | 10 36                           | 17 37                           | 0 41                           |
| 17    |    | +5.7         | 03 41 12.961  | +19 25 48.66    | 19.470429               | 0.45  | 1.81  | 10 32                           | 17 33                           | 0 37                           |
| 18    |    | +5.7         | 03 41 15.874  | +19 25 59.45    | 19.487468               | 0.45  | 1.81  | 10 28                           | 17 29                           | 0 34                           |
| 19    |    | +5.7         | 03 41 19.000  | +19 26 10.91    | 19.504498               | 0.45  | 1.81  | 10 24                           | 17 25                           | 0 30                           |
| 20    |    | +5.7         | 03 41 22.341  | +19 26 23.06    | 19.521512               | 0.45  | 1.81  | 10 21                           | 17 21                           | 0 26                           |
| 21    |    | +5.7         | 03 41 25.898  | +19 26 35.88    | 19.538506               | 0.45  | 1.80  | 10 17                           | 17 17                           | 0 22                           |
| 22    |    | +5.7         | 03 41 29.672  | +19 26 49.39    | 19.555473               | 0.45  | 1.80  | 10 13                           | 17 14                           | 0 18                           |
| 23    |    | +5.7         | 03 41 33.662  | +19 27 03.58    | 19.572410               | 0.45  | 1.80  | 10 9                            | 17 10                           | 0 14                           |
| 24    |    | +5.7         | 03 41 37.869  | +19 27 18.47    | 19.589310               | 0.45  | 1.80  | 10 5                            | 17 6                            | 0 10                           |
| 25    |    | +5.7         | 03 41 42.289  | +19 27 34.06    | 19.606168               | 0.45  | 1.80  | 10 1                            | 17 2                            | 0 7                            |
| 26    |    | +5.7         | 03 41 46.919  | +19 27 50.35    | 19.622981               | 0.45  | 1.80  | 9 57                            | 16 58                           | 0 3*                           |
| 27    |    | +5.7         | 03 41 51.757  | +19 28 07.33    | 19.639742               | 0.45  | 1.79  | 9 53                            | 16 54                           | 23 55                          |
| 28    |    | +5.7         | 03 41 56.798  | +19 28 24.98    | 19.656447               | 0.45  | 1.79  | 9 50                            | 16 50                           | 23 51                          |
| 3月1日  |    | +5.7         | 03 42 02.039  | +19 28 43.29    | 19.673092               | 0.45  | 1.79  | 9 46                            | 16 47                           | 23 47                          |
| 2     |    | +5.7         | 03 42 07.478  | +19 29 02.23    | 19.689673               | 0.45  | 1.79  | 9 42                            | 16 43                           | 23 44                          |
| 3     |    | +5.8         | 03 42 13.114  | +19 29 21.79    | 19.706184               | 0.45  | 1.79  | 9 38                            | 16 39                           | 23 40                          |
| 4     |    | +5.8         | 03 42 18.948  | +19 29 41.96    | 19.722622               | 0.45  | 1.79  | 9 34                            | 16 35                           | 23 36                          |
| 5     |    | +5.8         | 03 42 24.979  | +19 30 02.73    | 19.738982               | 0.45  | 1.79  | 9 30                            | 16 31                           | 23 32                          |
| 6     |    | +5.8         | 03 42 31.208  | +19 30 24.11    | 19.755260               | 0.45  | 1.78  | 9 26                            | 16 27                           | 23 28                          |
| 7     |    | +5.8         | 03 42 37.635  | +19 30 46.10    | 19.771452               | 0.44  | 1.78  | 9 23                            | 16 24                           | 23 25                          |
| 8     |    | +5.8         | 03 42 44.259  | +19 31 08.70    | 19.787553               | 0.44  | 1.78  | 9 19                            | 16 20                           | 23 21                          |
| 9     |    | +5.8         | 03 42 51.078  | +19 31 31.92    | 19.803559               | 0.44  | 1.78  | 9 15                            | 16 16                           | 23 17                          |
| 10    |    | +5.8         | 03 42 58.092  | +19 31 55.75    | 19.819465               | 0.44  | 1.78  | 9 11                            | 16 12                           | 23 13                          |
| 11    |    | +5.8         | 03 43 05.297  | +19 32 20.19    | 19.835266               | 0.44  | 1.78  | 9 7                             | 16 8                            | 23 9                           |
| 12    |    | +5.8         | 03 43 12.692  | +19 32 45.24    | 19.850960               | 0.44  | 1.78  | 9 3                             | 16 4                            | 23 6                           |
| 13    |    | +5.8         | 03 43 20.273  | +19 33 10.88    | 19.866540               | 0.44  | 1.77  | 9 0                             | 16 1                            | 23 2                           |
| 14    |    | +5.8         | 03 43 28.039  | +19 33 37.10    | 19.882003               | 0.44  | 1.77  | 8 56                            | 15 57                           | 22 58                          |
| 15    |    | +5.8         | 03 43 35.985  | +19 34 03.90    | 19.897344               | 0.44  | 1.77  | 8 52                            | 15 53                           | 22 54                          |
| 16    |    | +5.8         | 03 43 44.110  | +19 34 31.25    | 19.912558               | 0.44  | 1.77  | 8 48                            | 15 49                           | 22 50                          |
| 17    |    | +5.8         | 03 43 52.411  | +19 34 59.14    | 19.927642               | 0.44  | 1.77  | 8 44                            | 15 45                           | 22 47                          |
| 18    |    | +5.8         | 03 44 00.887  | +19 35 27.54    | 19.942591               | 0.44  | 1.77  | 8 40                            | 15 42                           | 22 43                          |
| 19    |    | +5.8         | 03 44 09.536  | +19 35 56.46    | 19.957399               | 0.44  | 1.77  | 8 37                            | 15 38                           | 22 39                          |
| 20    |    | +5.8         | 03 44 18.360  | +19 36 25.87    | 19.972064               | 0.44  | 1.76  | 8 33                            | 15 34                           | 22 35                          |
| 21    |    | +5.8         | 03 44 27.356  | +19 36 55.77    | 19.986581               | 0.44  | 1.76  | 8 29                            | 15 30                           | 22 32                          |
| 22    |    | +5.8         | 03 44 36.526  | +19 37 26.18    | 20.000945               | 0.44  | 1.76  | 8 25                            | 15 27                           | 22 28                          |
| 23    |    | +5.8         | 03 44 45.867  | +19 37 57.09    | 20.015153               | 0.44  | 1.76  | 8 21                            | 15 23                           | 22 24                          |
| 24    |    | +5.8         | 03 44 55.377  | +19 38 28.51    | 20.029200               | 0.44  | 1.76  | 8 18                            | 15 19                           | 22 20                          |
| 25    |    | +5.8         | 03 45 05.050  | +19 39 00.43    | 20.043083               | 0.44  | 1.76  | 8 14                            | 15 15                           | 22 17                          |
| 26    |    | +5.8         | 03 45 14.882  | +19 39 32.84    | 20.056799               | 0.44  | 1.76  | 8 10                            | 15 11                           | 22 13                          |
| 27    |    | +5.8         | 03 45 24.868  | +19 40 05.72    | 20.070345               | 0.44  | 1.76  | 8 6                             | 15 8                            | 22 9                           |
| 28    |    | +5.8         | 03 45 35.005  | +19 40 39.05    | 20.083716               | 0.44  | 1.75  | 8 2                             | 15 4                            | 22 6                           |
| 29    |    | +5.8         | 03 45 45.288  | +19 41 12.80    | 20.096910               | 0.44  | 1.75  | 7 59                            | 15 0                            | 22 2                           |
| 30    |    | +5.8         | 03 45 55.716  | +19 41 46.96    | 20.109925               | 0.44  | 1.75  | 7 55                            | 14 56                           | 21 58                          |
| 31    |    | +5.8         | 03 46 06.288  | +19 42 21.51    | 20.122756               | 0.44  | 1.75  | 7 51                            | 14 53                           | 21 54                          |
| 4月1日  |    | +5.8         | 03 46 17.003  | +19 42 56.44    | 20.135402               | 0.44  | 1.75  | 7 47                            | 14 49                           | 21 51                          |
| 2     |    | +5.8         | 03 46 27.860  | +19 43 31.76    | 20.147859               | 0.44  | 1.75  | 7 43                            | 14 45                           | 21 47                          |

\* 23:59 にもう一度入となる。

## 天王星 令和8年 2026

| 月日 | 状況 | 真春分点にもとづく座標系 |   |                             | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                      |                                 |                                 |
|----|----|--------------|---|-----------------------------|-------------------------|-------|-------|--------------------------------|---------------------------------|---------------------------------|
|    |    | 等級           | 視赤経   | 視赤緯                         | 距離                      | 視差    | 視半径   | 出                              | 南中                              | 入                               |
| 4  | 2  | +5.8         | 03 <sup>h</sup> 46 <sup>m</sup> 27.860 <sup>s</sup> | +19 <sup>o</sup> 43' 31.76" | 20.147859 <sup>au</sup> | 0.44" | 1.75" | 7 <sup>h</sup> 43 <sup>m</sup> | 14 <sup>h</sup> 45 <sup>m</sup> | 21 <sup>h</sup> 47 <sup>m</sup> |
|    | 3  | +5.8         | 03 46 38.858  | +19 44 07.45                | 20.160124               | 0.44  | 1.75  | 7 40                           | 14 41                           | 21 43                           |
|    | 4  | +5.8         | 03 46 49.996  | +19 44 43.52                | 20.172195               | 0.44  | 1.75  | 7 36                           | 14 38                           | 21 39                           |
|    | 5  | +5.8         | 03 47 01.273  | +19 45 19.97                | 20.184069               | 0.44  | 1.75  | 7 32                           | 14 34                           | 21 36                           |
|    | 6  | +5.8         | 03 47 12.685  | +19 45 56.79                | 20.195742               | 0.44  | 1.74  | 7 28                           | 14 30                           | 21 32                           |
|    | 7  | +5.8         | 03 47 24.229  | +19 46 33.98                | 20.207212               | 0.44  | 1.74  | 7 25                           | 14 26                           | 21 28                           |
|    | 8  | +5.8         | 03 47 35.904  | +19 47 11.54                | 20.218476               | 0.43  | 1.74  | 7 21                           | 14 23                           | 21 25                           |
|    | 9  | +5.8         | 03 47 47.704  | +19 47 49.44                | 20.229531               | 0.43  | 1.74  | 7 17                           | 14 19                           | 21 21                           |
|    | 10 | +5.8         | 03 47 59.627  | +19 48 27.69                | 20.240375               | 0.43  | 1.74  | 7 13                           | 14 15                           | 21 17                           |
|    | 11 | +5.8         | 03 48 11.669  | +19 49 06.27                | 20.251004               | 0.43  | 1.74  | 7 9                            | 14 12                           | 21 14                           |
|    | 12 | +5.8         | 03 48 23.827  | +19 49 45.15                | 20.261415               | 0.43  | 1.74  | 7 6                            | 14 8                            | 21 10                           |
|    | 13 | +5.8         | 03 48 36.099  | +19 50 24.32                | 20.271607               | 0.43  | 1.74  | 7 2                            | 14 4                            | 21 6                            |
|    | 14 | +5.8         | 03 48 48.481  | +19 51 03.77                | 20.281575               | 0.43  | 1.74  | 6 58                           | 14 0                            | 21 2                            |
|    | 15 | +5.8         | 03 49 00.971  | +19 51 43.47                | 20.291318               | 0.43  | 1.74  | 6 54                           | 13 57                           | 20 59                           |
|    | 16 | +5.8         | 03 49 13.569  | +19 52 23.41                | 20.300833               | 0.43  | 1.74  | 6 51                           | 13 53                           | 20 55                           |
|    | 17 | +5.8         | 03 49 26.274  | +19 53 03.59                | 20.310116               | 0.43  | 1.74  | 6 47                           | 13 49                           | 20 51                           |
|    | 18 | +5.8         | 03 49 39.086  | +19 53 44.00                | 20.319166               | 0.43  | 1.73  | 6 43                           | 13 45                           | 20 48                           |
|    | 19 | +5.8         | 03 49 52.003  | +19 54 24.65                | 20.327980               | 0.43  | 1.73  | 6 39                           | 13 42                           | 20 44                           |
|    | 20 | +5.8         | 03 50 05.021  | +19 55 05.56                | 20.336555               | 0.43  | 1.73  | 6 36                           | 13 38                           | 20 40                           |
|    | 21 | +5.8         | 03 50 18.136  | +19 55 46.70                | 20.344891               | 0.43  | 1.73  | 6 32                           | 13 34                           | 20 37                           |
|    | 22 | +5.8         | 03 50 31.343  | +19 56 28.08                | 20.352984               | 0.43  | 1.73  | 6 28                           | 13 31                           | 20 33                           |
|    | 23 | +5.8         | 03 50 44.636  | +19 57 09.67                | 20.360834               | 0.43  | 1.73  | 6 24                           | 13 27                           | 20 29                           |
|    | 24 | +5.8         | 03 50 58.009  | +19 57 51.45                | 20.368438               | 0.43  | 1.73  | 6 21                           | 13 23                           | 20 26                           |
|    | 25 | +5.8         | 03 51 11.460  | +19 58 33.39                | 20.375796               | 0.43  | 1.73  | 6 17                           | 13 19                           | 20 22                           |
|    | 26 | +5.8         | 03 51 24.986  | +19 59 15.49                | 20.382906               | 0.43  | 1.73  | 6 13                           | 13 16                           | 20 18                           |
|    | 27 | +5.8         | 03 51 38.585  | +19 59 57.71                | 20.389768               | 0.43  | 1.73  | 6 9                            | 13 12                           | 20 15                           |
|    | 28 | +5.8         | 03 51 52.256  | +20 00 40.05                | 20.396378               | 0.43  | 1.73  | 6 6                            | 13 8                            | 20 11                           |
|    | 29 | +5.8         | 03 52 05.997  | +20 01 22.51                | 20.402738               | 0.43  | 1.73  | 6 2                            | 13 5                            | 20 7                            |
|    | 30 | +5.8         | 03 52 19.808  | +20 02 05.07                | 20.408845               | 0.43  | 1.73  | 5 58                           | 13 1                            | 20 4                            |
| 5  | 1  | +5.8         | 03 52 33.687  | +20 02 47.76                | 20.414698               | 0.43  | 1.73  | 5 54                           | 12 57                           | 20 0                            |
|    | 2  | +5.8         | 03 52 47.631  | +20 03 30.55                | 20.420297               | 0.43  | 1.73  | 5 51                           | 12 54                           | 19 56                           |
|    | 3  | +5.8         | 03 53 01.639  | +20 04 13.45                | 20.425640               | 0.43  | 1.73  | 5 47                           | 12 50                           | 19 53                           |
|    | 4  | +5.8         | 03 53 15.708  | +20 04 56.47                | 20.430726               | 0.43  | 1.72  | 5 43                           | 12 46                           | 19 49                           |
|    | 5  | +5.8         | 03 53 29.833  | +20 05 39.58                | 20.435553               | 0.43  | 1.72  | 5 39                           | 12 42                           | 19 45                           |
|    | 6  | +5.8         | 03 53 44.011  | +20 06 22.78                | 20.440122               | 0.43  | 1.72  | 5 36                           | 12 39                           | 19 42                           |
|    | 7  | +5.8         | 03 53 58.239  | +20 07 06.06                | 20.444430               | 0.43  | 1.72  | 5 32                           | 12 35                           | 19 38                           |
|    | 8  | +5.8         | 03 54 12.513  | +20 07 49.41                | 20.448477               | 0.43  | 1.72  | 5 28                           | 12 31                           | 19 34                           |
|    | 9  | +5.8         | 03 54 26.829  | +20 08 32.82                | 20.452261               | 0.43  | 1.72  | 5 25                           | 12 28                           | 19 31                           |
|    | 10 | +5.8         | 03 54 41.184  | +20 09 16.25                | 20.455782               | 0.43  | 1.72  | 5 21                           | 12 24                           | 19 27                           |
|    | 11 | +5.8         | 03 54 55.576  | +20 09 59.70                | 20.459039               | 0.43  | 1.72  | 5 17                           | 12 20                           | 19 23                           |
|    | 12 | +5.8         | 03 55 10.002  | +20 10 43.16                | 20.462030               | 0.43  | 1.72  | 5 13                           | 12 17                           | 19 20                           |
|    | 13 | +5.8         | 03 55 24.461  | +20 11 26.60                | 20.464754               | 0.43  | 1.72  | 5 10                           | 12 13                           | 19 16                           |
|    | 14 | +5.8         | 03 55 38.951  | +20 12 10.02                | 20.467212               | 0.43  | 1.72  | 5 6                            | 12 9                            | 19 13                           |
|    | 15 | +5.8         | 03 55 53.472  | +20 12 53.42                | 20.469401               | 0.43  | 1.72  | 5 2                            | 12 5                            | 19 9                            |
|    | 16 | +5.8         | 03 56 08.023  | +20 13 36.79                | 20.471321               | 0.43  | 1.72  | 4 58                           | 12 2                            | 19 5                            |
|    | 17 | +5.8         | 03 56 22.601  | +20 14 20.16                | 20.472972               | 0.43  | 1.72  | 4 55                           | 11 58                           | 19 2                            |
|    | 18 | +5.8         | 03 56 37.203  | +20 15 03.52                | 20.474353               | 0.43  | 1.72  | 4 51                           | 11 54                           | 18 58                           |



## 天王星 令和8年 2026

| 月日    | 状況   | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                      |                                 |                                 |
|-------|------|--------------|---|-----------------|-------------------------|-------|-------|--------------------------------|---------------------------------|---------------------------------|
|       |      | 等級           | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                              | 南中                              | 入                               |
| 5月18日 | 合    | +5.8         | 03 <sup>h</sup> 56 <sup>m</sup> 37.203 <sup>s</sup> | +20° 15' 03.52" | 20.474353 <sup>au</sup> | 0.43" | 1.72" | 4 <sup>h</sup> 51 <sup>m</sup> | 11 <sup>h</sup> 54 <sup>m</sup> | 18 <sup>h</sup> 58 <sup>m</sup> |
| 19    |      | +5.8         | 03 56 51.824  | +20 15 46.86    | 20.475464               | 0.43  | 1.72  | 4 47                           | 11 51                           | 18 54                           |
| 20    |      | +5.8         | 03 57 06.457  | +20 16 30.18    | 20.476305               | 0.43  | 1.72  | 4 43                           | 11 47                           | 18 51                           |
| 21    |      | +5.8         | 03 57 21.101  | +20 17 13.45    | 20.476877               | 0.43  | 1.72  | 4 40                           | 11 43                           | 18 47                           |
| 22    |      | +5.8         | 03 57 35.772  | +20 17 56.55    | 20.477179               | 0.43  | 1.72  | 4 36                           | 11 40                           | 18 43                           |
| 23    |      | +5.8         | 03 57 50.289  | +20 18 39.05    | 20.477212               | 0.43  | 1.72  | 4 32                           | 11 36                           | 18 40                           |
| 24    |      | +5.8         | 03 58 04.963  | +20 19 22.57    | 20.476977               | 0.43  | 1.72  | 4 29                           | 11 32                           | 18 36                           |
| 25    |      | +5.8         | 03 58 19.600  | +20 20 05.48    | 20.476474               | 0.43  | 1.72  | 4 25                           | 11 29                           | 18 32                           |
| 26    |      | +5.8         | 03 58 34.227  | +20 20 48.23    | 20.475704               | 0.43  | 1.72  | 4 21                           | 11 25                           | 18 29                           |
| 27    |      | +5.8         | 03 58 48.845  | +20 21 30.85    | 20.474667               | 0.43  | 1.72  | 4 17                           | 11 21                           | 18 25                           |
| 28    |      | +5.8         | 03 59 03.455  | +20 22 13.33    | 20.473364               | 0.43  | 1.72  | 4 14                           | 11 18                           | 18 21                           |
| 29    |      | +5.8         | 03 59 18.053  | +20 22 55.69    | 20.471795               | 0.43  | 1.72  | 4 10                           | 11 14                           | 18 18                           |
| 30    |      | +5.8         | 03 59 32.639  | +20 23 37.91    | 20.469961               | 0.43  | 1.72  | 4 6                            | 11 10                           | 18 14                           |
| 31    |      | +5.8         | 03 59 47.209  | +20 24 20.02    | 20.467863               | 0.43  | 1.72  | 4 2                            | 11 6                            | 18 11                           |
| 6月1日  |      | +5.8         | 04 00 01.760  | +20 25 01.99    | 20.465501               | 0.43  | 1.72  | 3 59                           | 11 3                            | 18 7                            |
| 2     |      | +5.8         | 04 00 16.288  | +20 25 43.82    | 20.462876               | 0.43  | 1.72  | 3 55                           | 10 59                           | 18 3                            |
| 3     |      | +5.8         | 04 00 30.790  | +20 26 25.51    | 20.459988               | 0.43  | 1.72  | 3 51                           | 10 55                           | 18 0                            |
| 4     |      | +5.8         | 04 00 45.263  | +20 27 07.04    | 20.456839               | 0.43  | 1.72  | 3 48                           | 10 52                           | 17 56                           |
| 5     |      | +5.8         | 04 00 59.702  | +20 27 48.40    | 20.453428               | 0.43  | 1.72  | 3 44                           | 10 48                           | 17 52                           |
| 6     |      | +5.8         | 04 01 14.104  | +20 28 29.58    | 20.449756               | 0.43  | 1.72  | 3 40                           | 10 44                           | 17 49                           |
| 7     |      | +5.8         | 04 01 28.467  | +20 29 10.56    | 20.445824               | 0.43  | 1.72  | 3 36                           | 10 41                           | 17 45                           |
| 8     |      | +5.8         | 04 01 42.788  | +20 29 51.32    | 20.441633               | 0.43  | 1.72  | 3 33                           | 10 37                           | 17 41                           |
| 9     |      | +5.8         | 04 01 57.066  | +20 30 31.86    | 20.437183               | 0.43  | 1.72  | 3 29                           | 10 33                           | 17 38                           |
| 10    |      | +5.8         | 04 02 11.299  | +20 31 12.16    | 20.432475               | 0.43  | 1.72  | 3 25                           | 10 30                           | 17 34                           |
| 11    |      | +5.8         | 04 02 25.486  | +20 31 52.22    | 20.427509               | 0.43  | 1.73  | 3 21                           | 10 26                           | 17 30                           |
| 12    |      | +5.8         | 04 02 39.627  | +20 32 32.05    | 20.422288               | 0.43  | 1.73  | 3 18                           | 10 22                           | 17 27                           |
| 13    |      | +5.8         | 04 02 53.720  | +20 33 11.65    | 20.416812               | 0.43  | 1.73  | 3 14                           | 10 18                           | 17 23                           |
| 14    |      | +5.8         | 04 03 07.761  | +20 33 51.04    | 20.411081               | 0.43  | 1.73  | 3 10                           | 10 15                           | 17 19                           |
| 15    |      | +5.8         | 04 03 21.747  | +20 34 30.20    | 20.405098               | 0.43  | 1.73  | 3 6                            | 10 11                           | 17 16                           |
| 16    |      | +5.8         | 04 03 35.672  | +20 35 09.14    | 20.398863               | 0.43  | 1.73  | 3 3                            | 10 7                            | 17 12                           |
| 17    | +5.8 | 04 03 49.528 | +20 35 47.84  | 20.392379       | 0.43                    | 1.73  | 2 59  | 10 4                           | 17 8                            |                                 |
| 18    | +5.8 | 04 04 03.311 | +20 36 26.28  | 20.385648       | 0.43                    | 1.73  | 2 55  | 10 0                           | 17 5                            |                                 |
| 19    | +5.8 | 04 04 17.018 | +20 37 04.42  | 20.378671       | 0.43                    | 1.73  | 2 51  | 9 56                           | 17 1                            |                                 |
| 20    | +5.8 | 04 04 30.646 | +20 37 42.26  | 20.371451       | 0.43                    | 1.73  | 2 48  | 9 53                           | 16 57                           |                                 |
| 21    | +5.8 | 04 04 44.195 | +20 38 19.79  | 20.363989       | 0.43                    | 1.73  | 2 44  | 9 49                           | 16 54                           |                                 |
| 22    | +5.8 | 04 04 57.663 | +20 38 56.99  | 20.356289       | 0.43                    | 1.73  | 2 40  | 9 45                           | 16 50                           |                                 |
| 23    | +5.8 | 04 05 11.050 | +20 39 33.88  | 20.348352       | 0.43                    | 1.73  | 2 37  | 9 41                           | 16 46                           |                                 |
| 24    | +5.8 | 04 05 24.355 | +20 40 10.46  | 20.340180       | 0.43                    | 1.73  | 2 33  | 9 38                           | 16 43                           |                                 |
| 25    | +5.8 | 04 05 37.576 | +20 40 46.72  | 20.331775       | 0.43                    | 1.73  | 2 29  | 9 34                           | 16 39                           |                                 |
| 26    | +5.8 | 04 05 50.710 | +20 41 22.67  | 20.323141       | 0.43                    | 1.73  | 2 25  | 9 30                           | 16 35                           |                                 |
| 27    | +5.8 | 04 06 03.756 | +20 41 58.32  | 20.314278       | 0.43                    | 1.73  | 2 22  | 9 27                           | 16 32                           |                                 |
| 28    | +5.8 | 04 06 16.709 | +20 42 33.66  | 20.305188       | 0.43                    | 1.74  | 2 18  | 9 23                           | 16 28                           |                                 |
| 29    | +5.8 | 04 06 29.567 | +20 43 08.68  | 20.295875       | 0.43                    | 1.74  | 2 14  | 9 19                           | 16 24                           |                                 |
| 30    | +5.8 | 04 06 42.327 | +20 43 43.39  | 20.286340       | 0.43                    | 1.74  | 2 10  | 9 15                           | 16 21                           |                                 |
| 7月1日  | +5.8 | 04 06 54.984 | +20 44 17.77  | 20.276586       | 0.43                    | 1.74  | 2 7   | 9 12                           | 16 17                           |                                 |
| 2     | +5.8 | 04 07 07.536 | +20 44 51.82  | 20.266614       | 0.43                    | 1.74  | 2 3   | 9 8                            | 16 13                           |                                 |
| 3     | +5.8 | 04 07 19.979 | +20 45 25.51  | 20.256426       | 0.43                    | 1.74  | 1 59  | 9 4                            | 16 9                            |                                 |

天王星 令和8年 2026

| 月日 | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                      |                               |                                |
|----|----|--------------|---|-----------------|-------------------------|-------|-------|--------------------------------|-------------------------------|--------------------------------|
|    |    | 等級           | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                              | 南中                            | 入                              |
| 7  | 3  | +5.8         | 04 <sup>h</sup> 07 <sup>m</sup> 19.979 <sup>s</sup> | +20° 45' 25.51" | 20.256426 <sup>au</sup> | 0.43" | 1.74" | 1 <sup>h</sup> 59 <sup>m</sup> | 9 <sup>h</sup> 4 <sup>m</sup> | 16 <sup>h</sup> 9 <sup>m</sup> |
|    | 4  | +5.8         | 04 07 32.310  | +20 45 58.84    | 20.246026               | 0.43  | 1.74  | 1 55                           | 9 0                           | 16 6                           |
|    | 5  | +5.8         | 04 07 44.529  | +20 46 31.79    | 20.235414               | 0.43  | 1.74  | 1 51                           | 8 57                          | 16 2                           |
|    | 6  | +5.8         | 04 07 56.632  | +20 47 04.36    | 20.224594               | 0.43  | 1.74  | 1 48                           | 8 53                          | 15 58                          |
|    | 7  | +5.8         | 04 08 08.619  | +20 47 36.53    | 20.213567               | 0.44  | 1.74  | 1 44                           | 8 49                          | 15 55                          |
|    | 8  | +5.8         | 04 08 20.489  | +20 48 08.31    | 20.202336               | 0.44  | 1.74  | 1 40                           | 8 46                          | 15 51                          |
|    | 9  | +5.8         | 04 08 32.241  | +20 48 39.70    | 20.190903               | 0.44  | 1.75  | 1 36                           | 8 42                          | 15 47                          |
|    | 10 | +5.8         | 04 08 43.875  | +20 49 10.70    | 20.179271               | 0.44  | 1.75  | 1 33                           | 8 38                          | 15 44                          |
|    | 11 | +5.8         | 04 08 55.387  | +20 49 41.32    | 20.167442               | 0.44  | 1.75  | 1 29                           | 8 34                          | 15 40                          |
|    | 12 | +5.8         | 04 09 06.775  | +20 50 11.57    | 20.155418               | 0.44  | 1.75  | 1 25                           | 8 31                          | 15 36                          |
|    | 13 | +5.8         | 04 09 18.034  | +20 50 41.45    | 20.143204               | 0.44  | 1.75  | 1 21                           | 8 27                          | 15 32                          |
|    | 14 | +5.8         | 04 09 29.158  | +20 51 10.95    | 20.130802               | 0.44  | 1.75  | 1 18                           | 8 23                          | 15 29                          |
|    | 15 | +5.8         | 04 09 40.141  | +20 51 40.06    | 20.118214               | 0.44  | 1.75  | 1 14                           | 8 19                          | 15 25                          |
|    | 16 | +5.8         | 04 09 50.979  | +20 52 08.74    | 20.105446               | 0.44  | 1.75  | 1 10                           | 8 16                          | 15 21                          |
|    | 17 | +5.8         | 04 10 01.671  | +20 52 36.98    | 20.092499               | 0.44  | 1.75  | 1 6                            | 8 12                          | 15 17                          |
|    | 18 | +5.8         | 04 10 12.215  | +20 53 04.77    | 20.079379               | 0.44  | 1.76  | 1 2                            | 8 8                           | 15 14                          |
|    | 19 | +5.8         | 04 10 22.610  | +20 53 32.10    | 20.066087               | 0.44  | 1.76  | 0 59                           | 8 4                           | 15 10                          |
|    | 20 | +5.8         | 04 10 32.857  | +20 53 58.97    | 20.052629               | 0.44  | 1.76  | 0 55                           | 8 1                           | 15 6                           |
|    | 21 | +5.8         | 04 10 42.955  | +20 54 25.40    | 20.039007               | 0.44  | 1.76  | 0 51                           | 7 57                          | 15 3                           |
|    | 22 | +5.8         | 04 10 52.903  | +20 54 51.38    | 20.025226               | 0.44  | 1.76  | 0 47                           | 7 53                          | 14 59                          |
|    | 23 | +5.8         | 04 11 02.699  | +20 55 16.93    | 20.011288               | 0.44  | 1.76  | 0 44                           | 7 49                          | 14 55                          |
|    | 24 | +5.8         | 04 11 12.342  | +20 55 42.03    | 19.997197               | 0.44  | 1.76  | 0 40                           | 7 45                          | 14 51                          |
|    | 25 | +5.8         | 04 11 21.828  | +20 56 06.71    | 19.982958               | 0.44  | 1.76  | 0 36                           | 7 42                          | 14 48                          |
|    | 26 | +5.8         | 04 11 31.155  | +20 56 30.96    | 19.968572               | 0.44  | 1.76  | 0 32                           | 7 38                          | 14 44                          |
|    | 27 | +5.8         | 04 11 40.320  | +20 56 54.76    | 19.954044               | 0.44  | 1.77  | 0 28                           | 7 34                          | 14 40                          |
|    | 28 | +5.8         | 04 11 49.321  | +20 57 18.12    | 19.939378               | 0.44  | 1.77  | 0 25                           | 7 30                          | 14 36                          |
|    | 29 | +5.8         | 04 11 58.153  | +20 57 41.04    | 19.924576               | 0.44  | 1.77  | 0 21                           | 7 27                          | 14 33                          |
|    | 30 | +5.8         | 04 12 06.816  | +20 58 03.48    | 19.909642               | 0.44  | 1.77  | 0 17                           | 7 23                          | 14 29                          |
|    | 31 | +5.8         | 04 12 15.305  | +20 58 25.46    | 19.894580               | 0.44  | 1.77  | 0 13                           | 7 19                          | 14 25                          |
| 8  | 1  | +5.8         | 04 12 23.621  | +20 58 46.95    | 19.879393               | 0.44  | 1.77  | 0 9                            | 7 15                          | 14 21                          |
|    | 2  | +5.8         | 04 12 31.760  | +20 59 07.95    | 19.864085               | 0.44  | 1.77  | 0 5                            | 7 11                          | 14 17                          |
|    | 3  | +5.8         | 04 12 39.724  | +20 59 28.45    | 19.848659               | 0.44  | 1.78  | 0 2*                           | 7 8                           | 14 14                          |
|    | 4  | +5.8         | 04 12 47.512  | +20 59 48.45    | 19.833119               | 0.44  | 1.78  | 23 54                          | 7 4                           | 14 10                          |
|    | 5  | +5.8         | 04 12 55.123  | +21 00 07.95    | 19.817468               | 0.44  | 1.78  | 23 50                          | 7 0                           | 14 6                           |
|    | 6  | +5.8         | 04 13 02.557  | +21 00 26.96    | 19.801710               | 0.44  | 1.78  | 23 46                          | 6 56                          | 14 2                           |
|    | 7  | +5.8         | 04 13 09.813  | +21 00 45.48    | 19.785849               | 0.44  | 1.78  | 23 42                          | 6 52                          | 13 58                          |
|    | 8  | +5.8         | 04 13 16.889  | +21 01 03.54    | 19.769889               | 0.44  | 1.78  | 23 39                          | 6 49                          | 13 55                          |
|    | 9  | +5.8         | 04 13 23.780  | +21 01 21.13    | 19.753833               | 0.45  | 1.78  | 23 35                          | 6 45                          | 13 51                          |
|    | 10 | +5.7         | 04 13 30.483  | +21 01 38.24    | 19.737687               | 0.45  | 1.79  | 23 31                          | 6 41                          | 13 47                          |
|    | 11 | +5.7         | 04 13 36.994  | +21 01 54.87    | 19.721454               | 0.45  | 1.79  | 23 27                          | 6 37                          | 13 43                          |
|    | 12 | +5.7         | 04 13 43.307  | +21 02 11.01    | 19.705139               | 0.45  | 1.79  | 23 23                          | 6 33                          | 13 39                          |
|    | 13 | +5.7         | 04 13 49.421  | +21 02 26.62    | 19.688746               | 0.45  | 1.79  | 23 19                          | 6 29                          | 13 36                          |
|    | 14 | +5.7         | 04 13 55.334  | +21 02 41.69    | 19.672281               | 0.45  | 1.79  | 23 16                          | 6 26                          | 13 32                          |
|    | 15 | +5.7         | 04 14 01.048  | +21 02 56.23    | 19.655748               | 0.45  | 1.79  | 23 12                          | 6 22                          | 13 28                          |
|    | 16 | +5.7         | 04 14 06.562  | +21 03 10.22    | 19.639152               | 0.45  | 1.79  | 23 8                           | 6 18                          | 13 24                          |
|    | 17 | +5.7         | 04 14 11.878  | +21 03 23.68    | 19.622498               | 0.45  | 1.80  | 23 4                           | 6 14                          | 13 20                          |
|    | 18 | +5.7         | 04 14 16.995  | +21 03 36.61    | 19.605789               | 0.45  | 1.80  | 23 0                           | 6 10                          | 13 16                          |

\* 23:58 にもう一度出となる。

## 天王星 令和8年 2026

| 月日    | 状況 | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                      |                                |                                 |
|-------|----|-------------------|---|-----------------|-------------------------|-------|-------|--------------------------------|--------------------------------|---------------------------------|
|       |    | 等級                | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                              | 南中                             | 入                               |
| 8月18日 |    | +5.7 <sup>等</sup> | 04 <sup>h</sup> 14 <sup>m</sup> 16.995 <sup>s</sup> | +21° 03' 36.61" | 19.605789 <sup>au</sup> | 0.45" | 1.80" | 23 <sup>h</sup> 0 <sup>m</sup> | 6 <sup>h</sup> 10 <sup>m</sup> | 13 <sup>h</sup> 16 <sup>m</sup> |
| 19    |    | +5.7              | 04 14 21.914  | +21 03 49.03    | 19.589032               | 0.45  | 1.80  | 22 56                          | 6 6                            | 13 13                           |
| 20    |    | +5.7              | 04 14 26.632  | +21 04 00.93    | 19.572230               | 0.45  | 1.80  | 22 52                          | 6 3                            | 13 9                            |
| 21    |    | +5.7              | 04 14 31.149  | +21 04 12.33    | 19.555388               | 0.45  | 1.80  | 22 49                          | 5 59                           | 13 5                            |
| 22    |    | +5.7              | 04 14 35.463  | +21 04 23.23    | 19.538511               | 0.45  | 1.80  | 22 45                          | 5 55                           | 13 1                            |
| 23    |    | +5.7              | 04 14 39.572  | +21 04 33.62    | 19.521603               | 0.45  | 1.81  | 22 41                          | 5 51                           | 12 57                           |
| 24    |    | +5.7              | 04 14 43.473  | +21 04 43.50    | 19.504668               | 0.45  | 1.81  | 22 37                          | 5 47                           | 12 53                           |
| 25    |    | +5.7              | 04 14 47.166  | +21 04 52.87    | 19.487712               | 0.45  | 1.81  | 22 33                          | 5 43                           | 12 50                           |
| 26    |    | +5.7              | 04 14 50.649  | +21 05 01.72    | 19.470738               | 0.45  | 1.81  | 22 29                          | 5 39                           | 12 46                           |
| 27    |    | +5.7              | 04 14 53.920  | +21 05 10.04    | 19.453751               | 0.45  | 1.81  | 22 25                          | 5 35                           | 12 42                           |
| 28    |    | +5.7              | 04 14 56.978  | +21 05 17.82    | 19.436755               | 0.45  | 1.81  | 22 21                          | 5 32                           | 12 38                           |
| 29    |    | +5.7              | 04 14 59.824  | +21 05 25.05    | 19.419755               | 0.45  | 1.81  | 22 18                          | 5 28                           | 12 34                           |
| 30    |    | +5.7              | 04 15 02.458  | +21 05 31.73    | 19.402754               | 0.45  | 1.82  | 22 14                          | 5 24                           | 12 30                           |
| 31    |    | +5.7              | 04 15 04.881  | +21 05 37.85    | 19.385758               | 0.45  | 1.82  | 22 10                          | 5 20                           | 12 26                           |
| 9月1日  |    | +5.7              | 04 15 07.094  | +21 05 43.42    | 19.368771               | 0.45  | 1.82  | 22 6                           | 5 16                           | 12 22                           |
| 2     |    | +5.7              | 04 15 09.098  | +21 05 48.45    | 19.351797               | 0.45  | 1.82  | 22 2                           | 5 12                           | 12 19                           |
| 3     |    | +5.7              | 04 15 10.892  | +21 05 52.96    | 19.334841               | 0.45  | 1.82  | 21 58                          | 5 8                            | 12 15                           |
| 4     |    | +5.7              | 04 15 12.477  | +21 05 56.95    | 19.317907               | 0.46  | 1.82  | 21 54                          | 5 4                            | 12 11                           |
| 5     |    | +5.7              | 04 15 13.850  | +21 06 00.42    | 19.301001               | 0.46  | 1.83  | 21 50                          | 5 0                            | 12 7                            |
| 6     |    | +5.7              | 04 15 15.009  | +21 06 03.39    | 19.284126               | 0.46  | 1.83  | 21 46                          | 4 57                           | 12 3                            |
| 7     |    | +5.7              | 04 15 15.950  | +21 06 05.83    | 19.267289               | 0.46  | 1.83  | 21 42                          | 4 53                           | 11 59                           |
| 8     |    | +5.7              | 04 15 16.671  | +21 06 07.75    | 19.250493               | 0.46  | 1.83  | 21 38                          | 4 49                           | 11 55                           |
| 9     |    | +5.7              | 04 15 17.171  | +21 06 09.13    | 19.233745               | 0.46  | 1.83  | 21 34                          | 4 45                           | 11 51                           |
| 10    |    | +5.7              | 04 15 17.449  | +21 06 09.94    | 19.217050               | 0.46  | 1.83  | 21 31                          | 4 41                           | 11 47                           |
| 11    | 留  | +5.7              | 04 15 17.507  | +21 06 10.19    | 19.200412               | 0.46  | 1.84  | 21 27                          | 4 37                           | 11 43                           |
| 12    |    | +5.7              | 04 15 17.347  | +21 06 09.87    | 19.183838               | 0.46  | 1.84  | 21 23                          | 4 33                           | 11 39                           |
| 13    |    | +5.7              | 04 15 16.971  | +21 06 09.00    | 19.167332               | 0.46  | 1.84  | 21 19                          | 4 29                           | 11 35                           |
| 14    |    | +5.7              | 04 15 16.381  | +21 06 07.57    | 19.150900               | 0.46  | 1.84  | 21 15                          | 4 25                           | 11 31                           |
| 15    |    | +5.7              | 04 15 15.578  | +21 06 05.61    | 19.134547               | 0.46  | 1.84  | 21 11                          | 4 21                           | 11 28                           |
| 16    |    | +5.7              | 04 15 14.563  | +21 06 03.12    | 19.118277               | 0.46  | 1.84  | 21 7                           | 4 17                           | 11 24                           |
| 17    |    | +5.7              | 04 15 13.337  | +21 06 00.11    | 19.102096               | 0.46  | 1.84  | 21 3                           | 4 13                           | 11 20                           |
| 18    |    | +5.7              | 04 15 11.900  | +21 05 56.60    | 19.086009               | 0.46  | 1.85  | 20 59                          | 4 9                            | 11 16                           |
| 19    |    | +5.7              | 04 15 10.251  | +21 05 52.57    | 19.070020               | 0.46  | 1.85  | 20 55                          | 4 5                            | 11 12                           |
| 20    |    | +5.7              | 04 15 08.389  | +21 05 48.03    | 19.054135               | 0.46  | 1.85  | 20 51                          | 4 1                            | 11 8                            |
| 21    |    | +5.7              | 04 15 06.316  | +21 05 42.99    | 19.038357               | 0.46  | 1.85  | 20 47                          | 3 57                           | 11 4                            |
| 22    |    | +5.7              | 04 15 04.031  | +21 05 37.42    | 19.022692               | 0.46  | 1.85  | 20 43                          | 3 53                           | 11 0                            |
| 23    |    | +5.7              | 04 15 01.534  | +21 05 31.34    | 19.007143               | 0.46  | 1.85  | 20 39                          | 3 49                           | 10 56                           |
| 24    |    | +5.7              | 04 14 58.827  | +21 05 24.73    | 18.991717               | 0.46  | 1.86  | 20 35                          | 3 46                           | 10 52                           |
| 25    |    | +5.7              | 04 14 55.911  | +21 05 17.59    | 18.976416               | 0.46  | 1.86  | 20 31                          | 3 42                           | 10 48                           |
| 26    |    | +5.7              | 04 14 52.787  | +21 05 09.91    | 18.961246               | 0.46  | 1.86  | 20 27                          | 3 38                           | 10 44                           |
| 27    |    | +5.7              | 04 14 49.459  | +21 05 01.70    | 18.946211               | 0.46  | 1.86  | 20 23                          | 3 34                           | 10 40                           |
| 28    |    | +5.7              | 04 14 45.930  | +21 04 52.95    | 18.931315               | 0.46  | 1.86  | 20 19                          | 3 30                           | 10 36                           |
| 29    |    | +5.7              | 04 14 42.203  | +21 04 43.69    | 18.916562               | 0.46  | 1.86  | 20 15                          | 3 26                           | 10 32                           |
| 30    |    | +5.7              | 04 14 38.279  | +21 04 33.93    | 18.901957               | 0.47  | 1.86  | 20 11                          | 3 22                           | 10 28                           |
| 10月1日 |    | +5.7              | 04 14 34.162  | +21 04 23.68    | 18.887505               | 0.47  | 1.87  | 20 7                           | 3 18                           | 10 24                           |
| 2     |    | +5.6              | 04 14 29.849  | +21 04 12.96    | 18.873209               | 0.47  | 1.87  | 20 3                           | 3 14                           | 10 20                           |
| 3     |    | +5.6              | 04 14 25.341  | +21 04 01.76    | 18.859075               | 0.47  | 1.87  | 19 59                          | 3 10                           | 10 16                           |

天王星 令和8年 2026

| 月日   | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                       |                                |                                 |
|------|----|--------------|---|-----------------|-------------------------|-------|-------|---------------------------------|--------------------------------|---------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                               | 南中                             | 入                               |
| 10 3 |    | +5.6         | 04 <sup>h</sup> 14 <sup>m</sup> 25.341 <sup>s</sup> | +21° 04' 01.76" | 18.859075 <sup>au</sup> | 0.47" | 1.87" | 19 <sup>h</sup> 59 <sup>m</sup> | 3 <sup>h</sup> 10 <sup>m</sup> | 10 <sup>h</sup> 16 <sup>m</sup> |
| 4    |    | +5.6         | 04 14 20.637  | +21 03 50.10    | 18.845107               | 0.47  | 1.87  | 19 55                           | 3 6                            | 10 12                           |
| 5    |    | +5.6         | 04 14 15.736  | +21 03 37.95    | 18.831310               | 0.47  | 1.87  | 19 51                           | 3 2                            | 10 8                            |
| 6    |    | +5.6         | 04 14 10.639  | +21 03 25.32    | 18.817689               | 0.47  | 1.87  | 19 47                           | 2 58                           | 10 4                            |
| 7    |    | +5.6         | 04 14 05.348  | +21 03 12.18    | 18.804248               | 0.47  | 1.87  | 19 43                           | 2 54                           | 10 0                            |
| 8    |    | +5.6         | 04 13 59.864  | +21 02 58.54    | 18.790992               | 0.47  | 1.88  | 19 39                           | 2 49                           | 9 56                            |
| 9    |    | +5.6         | 04 13 54.193  | +21 02 44.40    | 18.777927               | 0.47  | 1.88  | 19 35                           | 2 45                           | 9 52                            |
| 10   |    | +5.6         | 04 13 48.338  | +21 02 29.77    | 18.765056               | 0.47  | 1.88  | 19 31                           | 2 41                           | 9 48                            |
| 11   |    | +5.6         | 04 13 42.304  | +21 02 14.65    | 18.752385               | 0.47  | 1.88  | 19 27                           | 2 37                           | 9 44                            |
| 12   |    | +5.6         | 04 13 36.093  | +21 01 59.07    | 18.739917               | 0.47  | 1.88  | 19 23                           | 2 33                           | 9 39                            |
| 13   |    | +5.6         | 04 13 29.711  | +21 01 43.04    | 18.727658               | 0.47  | 1.88  | 19 19                           | 2 29                           | 9 35                            |
| 14   |    | +5.6         | 04 13 23.158  | +21 01 26.58    | 18.715611               | 0.47  | 1.88  | 19 15                           | 2 25                           | 9 31                            |
| 15   |    | +5.6         | 04 13 16.437  | +21 01 09.69    | 18.703780               | 0.47  | 1.88  | 19 11                           | 2 21                           | 9 27                            |
| 16   |    | +5.6         | 04 13 09.550  | +21 00 52.38    | 18.692170               | 0.47  | 1.89  | 19 7                            | 2 17                           | 9 23                            |
| 17   |    | +5.6         | 04 13 02.500  | +21 00 34.66    | 18.680784               | 0.47  | 1.89  | 19 3                            | 2 13                           | 9 19                            |
| 18   |    | +5.6         | 04 12 55.287  | +21 00 16.54    | 18.669627               | 0.47  | 1.89  | 18 59                           | 2 9                            | 9 15                            |
| 19   |    | +5.6         | 04 12 47.915  | +20 59 58.00    | 18.658701               | 0.47  | 1.89  | 18 55                           | 2 5                            | 9 11                            |
| 20   |    | +5.6         | 04 12 40.385  | +20 59 39.06    | 18.648010               | 0.47  | 1.89  | 18 51                           | 2 1                            | 9 7                             |
| 21   |    | +5.6         | 04 12 32.700  | +20 59 19.71    | 18.637558               | 0.47  | 1.89  | 18 47                           | 1 57                           | 9 3                             |
| 22   |    | +5.6         | 04 12 24.865  | +20 58 59.96    | 18.627347               | 0.47  | 1.89  | 18 43                           | 1 53                           | 8 59                            |
| 23   |    | +5.6         | 04 12 16.883  | +20 58 39.79    | 18.617382               | 0.47  | 1.89  | 18 39                           | 1 49                           | 8 55                            |
| 24   |    | +5.6         | 04 12 08.757  | +20 58 19.22    | 18.607666               | 0.47  | 1.89  | 18 35                           | 1 45                           | 8 51                            |
| 25   |    | +5.6         | 04 12 00.495  | +20 57 58.25    | 18.598200               | 0.47  | 1.89  | 18 31                           | 1 41                           | 8 47                            |
| 26   |    | +5.6         | 04 11 52.100  | +20 57 36.90    | 18.588989               | 0.47  | 1.90  | 18 27                           | 1 37                           | 8 42                            |
| 27   |    | +5.6         | 04 11 43.578  | +20 57 15.19    | 18.580035               | 0.47  | 1.90  | 18 23                           | 1 33                           | 8 38                            |
| 28   |    | +5.6         | 04 11 34.933  | +20 56 53.14    | 18.571341               | 0.47  | 1.90  | 18 19                           | 1 28                           | 8 34                            |
| 29   |    | +5.6         | 04 11 26.167  | +20 56 30.77    | 18.562910               | 0.47  | 1.90  | 18 15                           | 1 24                           | 8 30                            |
| 30   |    | +5.6         | 04 11 17.281  | +20 56 08.09    | 18.554745               | 0.47  | 1.90  | 18 11                           | 1 20                           | 8 26                            |
| 31   |    | +5.6         | 04 11 08.276  | +20 55 45.11    | 18.546849               | 0.47  | 1.90  | 18 6                            | 1 16                           | 8 22                            |
| 11 1 |    | +5.6         | 04 10 59.153  | +20 55 21.82    | 18.539226               | 0.47  | 1.90  | 18 2                            | 1 12                           | 8 18                            |
| 2    |    | +5.6         | 04 10 49.914  | +20 54 58.21    | 18.531878               | 0.47  | 1.90  | 17 58                           | 1 8                            | 8 14                            |
| 3    |    | +5.6         | 04 10 40.563  | +20 54 34.29    | 18.524808               | 0.47  | 1.90  | 17 54                           | 1 4                            | 8 10                            |
| 4    |    | +5.6         | 04 10 31.105  | +20 54 10.05    | 18.518020               | 0.47  | 1.90  | 17 50                           | 1 0                            | 8 6                             |
| 5    |    | +5.6         | 04 10 21.545  | +20 53 45.50    | 18.511516               | 0.48  | 1.90  | 17 46                           | 0 56                           | 8 1                             |
| 6    |    | +5.6         | 04 10 11.890  | +20 53 20.65    | 18.505298               | 0.48  | 1.90  | 17 42                           | 0 52                           | 7 57                            |
| 7    |    | +5.6         | 04 10 02.145  | +20 52 55.52    | 18.499371               | 0.48  | 1.90  | 17 38                           | 0 48                           | 7 53                            |
| 8    |    | +5.6         | 04 09 52.315  | +20 52 30.13    | 18.493735               | 0.48  | 1.91  | 17 34                           | 0 44                           | 7 49                            |
| 9    |    | +5.6         | 04 09 42.406  | +20 52 04.49    | 18.488394               | 0.48  | 1.91  | 17 30                           | 0 39                           | 7 45                            |
| 10   |    | +5.6         | 04 09 32.423  | +20 51 38.64    | 18.483350               | 0.48  | 1.91  | 17 26                           | 0 35                           | 7 41                            |
| 11   |    | +5.6         | 04 09 22.370  | +20 51 12.58    | 18.478604               | 0.48  | 1.91  | 17 22                           | 0 31                           | 7 37                            |
| 12   |    | +5.6         | 04 09 12.250  | +20 50 46.33    | 18.474158               | 0.48  | 1.91  | 17 18                           | 0 27                           | 7 33                            |
| 13   |    | +5.6         | 04 09 02.066  | +20 50 19.90    | 18.470014               | 0.48  | 1.91  | 17 14                           | 0 23                           | 7 28                            |
| 14   |    | +5.6         | 04 08 51.823  | +20 49 53.29    | 18.466173               | 0.48  | 1.91  | 17 9                            | 0 19                           | 7 24                            |
| 15   |    | +5.6         | 04 08 41.524  | +20 49 26.53    | 18.462637               | 0.48  | 1.91  | 17 5                            | 0 15                           | 7 20                            |
| 16   |    | +5.6         | 04 08 31.174  | +20 48 59.60    | 18.459407               | 0.48  | 1.91  | 17 1                            | 0 11                           | 7 16                            |
| 17   |    | +5.6         | 04 08 20.775  | +20 48 32.52    | 18.456484               | 0.48  | 1.91  | 16 57                           | 0 7                            | 7 12                            |
| 18   |    | +5.6         | 04 08 10.334  | +20 48 05.29    | 18.453869               | 0.48  | 1.91  | 16 53                           | 0 3*                           | 7 8                             |

\* 23:58 にもう一度南中する。

天 王 星      令和 8 年      2026

| 月 日   | 状況   | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                       |                                 |                               |
|-------|------|--------------|---|-----------------|-------------------------|-------|-------|---------------------------------|---------------------------------|-------------------------------|
|       |      | 等級           | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                               | 南中                              | 入                             |
| 11 18 | 衝    | +5.6         | 04 <sup>h</sup> 08 <sup>m</sup> 10.334 <sup>s</sup> | +20° 48' 05.29" | 18.453869 <sup>au</sup> | 0.48" | 1.91" | 16 <sup>h</sup> 53 <sup>m</sup> | 0 <sup>h</sup> 3 <sup>m</sup> * | 7 <sup>h</sup> 8 <sup>m</sup> |
| 19    |      | +5.6         | 04 07 59.855  | +20 47 37.92    | 18.451562               | 0.48  | 1.91  | 16 49                           | 23 54                           | 7 4                           |
| 20    |      | +5.6         | 04 07 49.343  | +20 47 10.41    | 18.449564               | 0.48  | 1.91  | 16 45                           | 23 50                           | 7 0                           |
| 21    |      | +5.6         | 04 07 38.806  | +20 46 42.77    | 18.447876               | 0.48  | 1.91  | 16 41                           | 23 46                           | 6 55                          |
| 22    |      | +5.6         | 04 07 28.249  | +20 46 15.02    | 18.446498               | 0.48  | 1.91  | 16 37                           | 23 42                           | 6 51                          |
| 23    |      | +5.6         | 04 07 17.679  | +20 45 47.18    | 18.445430               | 0.48  | 1.91  | 16 33                           | 23 38                           | 6 47                          |
| 24    |      | +5.6         | 04 07 07.101  | +20 45 19.29    | 18.444672               | 0.48  | 1.91  | 16 29                           | 23 34                           | 6 43                          |
| 25    |      | +5.6         | 04 06 56.521  | +20 44 51.35    | 18.444225               | 0.48  | 1.91  | 16 25                           | 23 30                           | 6 39                          |
| 26    |      | +5.6         | 04 06 45.939  | +20 44 23.41    | 18.444089               | 0.48  | 1.91  | 16 21                           | 23 26                           | 6 35                          |
| 27    |      | +5.6         | 04 06 35.359  | +20 43 55.46    | 18.444264               | 0.48  | 1.91  | 16 16                           | 23 21                           | 6 31                          |
| 28    |      | +5.6         | 04 06 24.781  | +20 43 27.50    | 18.444750               | 0.48  | 1.91  | 16 12                           | 23 17                           | 6 26                          |
| 29    |      | +5.6         | 04 06 14.207  | +20 42 59.55    | 18.445548               | 0.48  | 1.91  | 16 8                            | 23 13                           | 6 22                          |
| 30    |      | +5.6         | 04 06 03.643  | +20 42 31.58    | 18.446658               | 0.48  | 1.91  | 16 4                            | 23 9                            | 6 18                          |
| 12 1  |      | +5.6         | 04 05 53.092  | +20 42 03.61    | 18.448080               | 0.48  | 1.91  | 16 0                            | 23 5                            | 6 14                          |
| 2     |      | +5.6         | 04 05 42.562  | +20 41 35.64    | 18.449814               | 0.48  | 1.91  | 15 56                           | 23 1                            | 6 10                          |
| 3     |      | +5.6         | 04 05 32.058  | +20 41 07.69    | 18.451860               | 0.48  | 1.91  | 15 52                           | 22 57                           | 6 6                           |
| 4     |      | +5.6         | 04 05 21.589  | +20 40 39.78    | 18.454218               | 0.48  | 1.91  | 15 48                           | 22 53                           | 6 2                           |
| 5     |      | +5.6         | 04 05 11.159  | +20 40 11.93    | 18.456886               | 0.48  | 1.91  | 15 44                           | 22 49                           | 5 58                          |
| 6     |      | +5.6         | 04 05 00.774  | +20 39 44.17    | 18.459865               | 0.48  | 1.91  | 15 40                           | 22 45                           | 5 53                          |
| 7     |      | +5.6         | 04 04 50.440  | +20 39 16.51    | 18.463154               | 0.48  | 1.91  | 15 36                           | 22 40                           | 5 49                          |
| 8     |      | +5.6         | 04 04 40.161  | +20 38 48.98    | 18.466752               | 0.48  | 1.91  | 15 32                           | 22 36                           | 5 45                          |
| 9     |      | +5.6         | 04 04 29.941  | +20 38 21.59    | 18.470656               | 0.48  | 1.91  | 15 27                           | 22 32                           | 5 41                          |
| 10    |      | +5.6         | 04 04 19.783  | +20 37 54.36    | 18.474867               | 0.48  | 1.91  | 15 23                           | 22 28                           | 5 37                          |
| 11    |      | +5.6         | 04 04 09.692  | +20 37 27.30    | 18.479382               | 0.48  | 1.91  | 15 19                           | 22 24                           | 5 33                          |
| 12    |      | +5.6         | 04 03 59.670  | +20 37 00.42    | 18.484201               | 0.48  | 1.91  | 15 15                           | 22 20                           | 5 29                          |
| 13    |      | +5.6         | 04 03 49.722  | +20 36 33.72    | 18.489320               | 0.48  | 1.91  | 15 11                           | 22 16                           | 5 25                          |
| 14    |      | +5.6         | 04 03 39.853  | +20 36 07.22    | 18.494738               | 0.48  | 1.91  | 15 7                            | 22 12                           | 5 20                          |
| 15    |      | +5.6         | 04 03 30.065  | +20 35 40.91    | 18.500453               | 0.48  | 1.90  | 15 3                            | 22 8                            | 5 16                          |
| 16    |      | +5.6         | 04 03 20.365  | +20 35 14.80    | 18.506462               | 0.48  | 1.90  | 14 59                           | 22 4                            | 5 12                          |
| 17    |      | +5.6         | 04 03 10.757  | +20 34 48.91    | 18.512764               | 0.48  | 1.90  | 14 55                           | 21 59                           | 5 8                           |
| 18    |      | +5.6         | 04 03 01.247  | +20 34 23.25    | 18.519355               | 0.47  | 1.90  | 14 51                           | 21 55                           | 5 4                           |
| 19    |      | +5.6         | 04 02 51.840  | +20 33 57.82    | 18.526233               | 0.47  | 1.90  | 14 47                           | 21 51                           | 5 0                           |
| 20    |      | +5.6         | 04 02 42.542  | +20 33 32.65    | 18.533395               | 0.47  | 1.90  | 14 43                           | 21 47                           | 4 56                          |
| 21    |      | +5.6         | 04 02 33.360  | +20 33 07.77    | 18.540839               | 0.47  | 1.90  | 14 39                           | 21 43                           | 4 52                          |
| 22    | +5.6 | 04 02 24.296 | +20 32 43.19  | 18.548562       | 0.47                    | 1.90  | 14 35 | 21 39                           | 4 47                            |                               |
| 23    | +5.6 | 04 02 15.355 | +20 32 18.94  | 18.556560       | 0.47                    | 1.90  | 14 31 | 21 35                           | 4 43                            |                               |
| 24    | +5.6 | 04 02 06.536 | +20 31 55.05  | 18.564831       | 0.47                    | 1.90  | 14 27 | 21 31                           | 4 39                            |                               |
| 25    | +5.6 | 04 01 57.842 | +20 31 31.50  | 18.573373       | 0.47                    | 1.90  | 14 22 | 21 27                           | 4 35                            |                               |
| 26    | +5.6 | 04 01 49.272 | +20 31 08.31  | 18.582182       | 0.47                    | 1.90  | 14 18 | 21 23                           | 4 31                            |                               |
| 27    | +5.6 | 04 01 40.828 | +20 30 45.46  | 18.591257       | 0.47                    | 1.90  | 14 14 | 21 19                           | 4 27                            |                               |
| 28    | +5.6 | 04 01 32.515 | +20 30 22.95  | 18.600593       | 0.47                    | 1.89  | 14 10 | 21 15                           | 4 23                            |                               |
| 29    | +5.6 | 04 01 24.337 | +20 30 00.78  | 18.610189       | 0.47                    | 1.89  | 14 6  | 21 11                           | 4 19                            |                               |
| 30    | +5.6 | 04 01 16.299 | +20 29 38.97  | 18.620041       | 0.47                    | 1.89  | 14 2  | 21 6                            | 4 15                            |                               |
| 31    | +5.6 | 04 01 08.409 | +20 29 17.54  | 18.630147       | 0.47                    | 1.89  | 13 58 | 21 2                            | 4 11                            |                               |
| 32    | +5.6 | 04 01 00.670 | +20 28 56.50  | 18.640503       | 0.47                    | 1.89  | 13 54 | 20 58                           | 4 7                             |                               |
| 33    | +5.6 | 04 00 53.087 | +20 28 35.88  | 18.651106       | 0.47                    | 1.89  | 13 50 | 20 54                           | 4 2                             |                               |
| 34    | +5.6 | 04 00 45.665 | +20 28 15.69  | 18.661952       | 0.47                    | 1.89  | 13 46 | 20 50                           | 3 58                            |                               |

\* 23:58 にもう一度南中する .

海 王 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                      |                                |                                 |
|------|----|-------------------|---|-----------------|-------------------------|-------|-------|--------------------------------|--------------------------------|---------------------------------|
|      |    | 等級                | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                              | 南中                             | 入                               |
| 1 0  |    | +7.8 <sup>等</sup> | 00 <sup>h</sup> 00 <sup>m</sup> 16.013 <sup>s</sup> | -01° 25' 26.52" | 30.040830 <sup>au</sup> | 0.29" | 1.14" | 11 <sup>h</sup> 3 <sup>m</sup> | 17 <sup>h</sup> 1 <sup>m</sup> | 22 <sup>h</sup> 59 <sup>m</sup> |
| 1    |    | +7.8              | 00 00 18.628  | -01 25 07.01    | 30.057882               | 0.29  | 1.14  | 11 0                           | 16 57                          | 22 55                           |
| 2    |    | +7.8              | 00 00 21.370  | -01 24 46.70    | 30.074876               | 0.29  | 1.14  | 10 56                          | 16 54                          | 22 51                           |
| 3    |    | +7.8              | 00 00 24.234  | -01 24 25.60    | 30.091808               | 0.29  | 1.13  | 10 52                          | 16 50                          | 22 48                           |
| 4    |    | +7.8              | 00 00 27.219  | -01 24 03.73    | 30.108671               | 0.29  | 1.13  | 10 48                          | 16 46                          | 22 44                           |
| 5    |    | +7.8              | 00 00 30.321  | -01 23 41.13    | 30.125462               | 0.29  | 1.13  | 10 44                          | 16 42                          | 22 40                           |
| 6    |    | +7.8              | 00 00 33.538  | -01 23 17.78    | 30.142176               | 0.29  | 1.13  | 10 40                          | 16 38                          | 22 36                           |
| 7    |    | +7.8              | 00 00 36.870  | -01 22 53.70    | 30.158809               | 0.29  | 1.13  | 10 36                          | 16 34                          | 22 32                           |
| 8    |    | +7.8              | 00 00 40.319  | -01 22 28.89    | 30.175355               | 0.29  | 1.13  | 10 32                          | 16 30                          | 22 28                           |
| 9    |    | +7.8              | 00 00 43.884  | -01 22 03.34    | 30.191810               | 0.29  | 1.13  | 10 28                          | 16 26                          | 22 24                           |
| 10   |    | +7.8              | 00 00 47.566  | -01 21 37.04    | 30.208169               | 0.29  | 1.13  | 10 24                          | 16 23                          | 22 21                           |
| 11   |    | +7.8              | 00 00 51.367  | -01 21 09.99    | 30.224426               | 0.29  | 1.13  | 10 21                          | 16 19                          | 22 17                           |
| 12   |    | +7.8              | 00 00 55.285  | -01 20 42.20    | 30.240577               | 0.29  | 1.13  | 10 17                          | 16 15                          | 22 13                           |
| 13   |    | +7.8              | 00 00 59.321  | -01 20 13.66    | 30.256618               | 0.29  | 1.13  | 10 13                          | 16 11                          | 22 9                            |
| 14   |    | +7.8              | 00 01 03.473  | -01 19 44.39    | 30.272542               | 0.29  | 1.13  | 10 9                           | 16 7                           | 22 5                            |
| 15   |    | +7.8              | 00 01 07.740  | -01 19 14.39    | 30.288345               | 0.29  | 1.13  | 10 5                           | 16 3                           | 22 1                            |
| 16   |    | +7.8              | 00 01 12.121  | -01 18 43.67    | 30.304022               | 0.29  | 1.13  | 10 1                           | 15 59                          | 21 57                           |
| 17   |    | +7.8              | 00 01 16.613  | -01 18 12.26    | 30.319569               | 0.29  | 1.13  | 9 57                           | 15 55                          | 21 54                           |
| 18   |    | +7.8              | 00 01 21.215  | -01 17 40.15    | 30.334980               | 0.29  | 1.13  | 9 53                           | 15 52                          | 21 50                           |
| 19   |    | +7.8              | 00 01 25.924  | -01 17 07.37    | 30.350250               | 0.29  | 1.13  | 9 50                           | 15 48                          | 21 46                           |
| 20   |    | +7.8              | 00 01 30.738  | -01 16 33.94    | 30.365375               | 0.29  | 1.12  | 9 46                           | 15 44                          | 21 42                           |
| 21   |    | +7.8              | 00 01 35.655  | -01 15 59.86    | 30.380350               | 0.29  | 1.12  | 9 42                           | 15 40                          | 21 38                           |
| 22   |    | +7.8              | 00 01 40.675  | -01 15 25.15    | 30.395170               | 0.29  | 1.12  | 9 38                           | 15 36                          | 21 35                           |
| 23   |    | +7.8              | 00 01 45.796  | -01 14 49.80    | 30.409832               | 0.29  | 1.12  | 9 34                           | 15 32                          | 21 31                           |
| 24   |    | +7.8              | 00 01 51.018  | -01 14 13.82    | 30.424330               | 0.29  | 1.12  | 9 30                           | 15 29                          | 21 27                           |
| 25   |    | +7.8              | 00 01 56.342  | -01 13 37.22    | 30.438661               | 0.29  | 1.12  | 9 26                           | 15 25                          | 21 23                           |
| 26   |    | +7.8              | 00 02 01.768  | -01 12 59.98    | 30.452819               | 0.29  | 1.12  | 9 22                           | 15 21                          | 21 19                           |
| 27   |    | +7.8              | 00 02 07.295  | -01 12 22.12    | 30.466803               | 0.29  | 1.12  | 9 19                           | 15 17                          | 21 15                           |
| 28   |    | +7.8              | 00 02 12.922  | -01 11 43.64    | 30.480607               | 0.29  | 1.12  | 9 15                           | 15 13                          | 21 12                           |
| 29   |    | +7.8              | 00 02 18.648  | -01 11 04.55    | 30.494228               | 0.29  | 1.12  | 9 11                           | 15 9                           | 21 8                            |
| 30   |    | +7.8              | 00 02 24.469  | -01 10 24.88    | 30.507663               | 0.29  | 1.12  | 9 7                            | 15 5                           | 21 4                            |
| 31   |    | +7.8              | 00 02 30.381  | -01 09 44.65    | 30.520909               | 0.29  | 1.12  | 9 3                            | 15 2                           | 21 0                            |
| 2 1  |    | +7.8              | 00 02 36.381  | -01 09 03.88    | 30.533961               | 0.29  | 1.12  | 8 59                           | 14 58                          | 20 56                           |
| 2 2  |    | +7.8              | 00 02 42.466  | -01 08 22.60    | 30.546818               | 0.29  | 1.12  | 8 55                           | 14 54                          | 20 53                           |
| 2 3  |    | +7.8              | 00 02 48.634  | -01 07 40.81    | 30.559475               | 0.29  | 1.12  | 8 51                           | 14 50                          | 20 49                           |
| 2 4  |    | +7.8              | 00 02 54.884  | -01 06 58.52    | 30.571929               | 0.29  | 1.12  | 8 48                           | 14 46                          | 20 45                           |
| 2 5  |    | +7.8              | 00 03 01.217  | -01 06 15.73    | 30.584177               | 0.29  | 1.12  | 8 44                           | 14 43                          | 20 41                           |
| 2 6  |    | +7.8              | 00 03 07.633  | -01 05 32.44    | 30.596216               | 0.29  | 1.12  | 8 40                           | 14 39                          | 20 37                           |
| 2 7  |    | +7.8              | 00 03 14.131  | -01 04 48.65    | 30.608041               | 0.29  | 1.12  | 8 36                           | 14 35                          | 20 34                           |
| 2 8  |    | +7.8              | 00 03 20.712  | -01 04 04.36    | 30.619651               | 0.29  | 1.12  | 8 32                           | 14 31                          | 20 30                           |
| 2 9  |    | +7.8              | 00 03 27.374  | -01 03 19.57    | 30.631041               | 0.29  | 1.11  | 8 28                           | 14 27                          | 20 26                           |
| 2 10 |    | +7.8              | 00 03 34.116  | -01 02 34.31    | 30.642208               | 0.29  | 1.11  | 8 24                           | 14 23                          | 20 22                           |
| 2 11 |    | +7.8              | 00 03 40.935  | -01 01 48.58    | 30.653149               | 0.29  | 1.11  | 8 21                           | 14 20                          | 20 19                           |
| 2 12 |    | +7.8              | 00 03 47.831  | -01 01 02.39    | 30.663861               | 0.29  | 1.11  | 8 17                           | 14 16                          | 20 15                           |
| 2 13 |    | +7.8              | 00 03 54.800  | -01 00 15.77    | 30.674340               | 0.29  | 1.11  | 8 13                           | 14 12                          | 20 11                           |
| 2 14 |    | +7.8              | 00 04 01.839  | -00 59 28.72    | 30.684584               | 0.29  | 1.11  | 8 9                            | 14 8                           | 20 7                            |
| 2 15 |    | +7.8              | 00 04 08.947  | -00 58 41.27    | 30.694589               | 0.29  | 1.11  | 8 5                            | 14 4                           | 20 3                            |

## 海 王 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                     |                                |                                |
|------|----|-------------------|---|-----------------|-------------------------|-------|-------|-------------------------------|--------------------------------|--------------------------------|
|      |    | 等級                | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                             | 南中                             | 入                              |
| 2 15 |    | +7.8 <sup>等</sup> | 00 <sup>h</sup> 04 <sup>m</sup> 08.947 <sup>s</sup> | -00° 58' 41.27" | 30.694589 <sup>au</sup> | 0.29" | 1.11" | 8 <sup>h</sup> 5 <sup>m</sup> | 14 <sup>h</sup> 4 <sup>m</sup> | 20 <sup>h</sup> 3 <sup>m</sup> |
| 16   |    | +7.8              | 00 04 16.120  | -00 57 53.44    | 30.704352               | 0.29  | 1.11  | 8 1                           | 14 0                           | 20 0                           |
| 17   |    | +7.8              | 00 04 23.355  | -00 57 05.25    | 30.713870               | 0.29  | 1.11  | 7 57                          | 13 57                          | 19 56                          |
| 18   |    | +7.8              | 00 04 30.652  | -00 56 16.69    | 30.723141               | 0.29  | 1.11  | 7 54                          | 13 53                          | 19 52                          |
| 19   |    | +7.8              | 00 04 38.007  | -00 55 27.80    | 30.732162               | 0.29  | 1.11  | 7 50                          | 13 49                          | 19 48                          |
| 20   |    | +7.8              | 00 04 45.422  | -00 54 38.57    | 30.740930               | 0.29  | 1.11  | 7 46                          | 13 45                          | 19 45                          |
| 21   |    | +7.8              | 00 04 52.895  | -00 53 49.00    | 30.749444               | 0.29  | 1.11  | 7 42                          | 13 41                          | 19 41                          |
| 22   |    | +7.8              | 00 05 00.426  | -00 52 59.10    | 30.757700               | 0.29  | 1.11  | 7 38                          | 13 38                          | 19 37                          |
| 23   |    | +7.8              | 00 05 08.015  | -00 52 08.86    | 30.765697               | 0.29  | 1.11  | 7 34                          | 13 34                          | 19 33                          |
| 24   |    | +7.8              | 00 05 15.660  | -00 51 18.31    | 30.773433               | 0.29  | 1.11  | 7 31                          | 13 30                          | 19 30                          |
| 25   |    | +7.8              | 00 05 23.359  | -00 50 27.45    | 30.780907               | 0.29  | 1.11  | 7 27                          | 13 26                          | 19 26                          |
| 26   |    | +7.8              | 00 05 31.109  | -00 49 36.31    | 30.788117               | 0.29  | 1.11  | 7 23                          | 13 22                          | 19 22                          |
| 27   |    | +7.8              | 00 05 38.905  | -00 48 44.91    | 30.795061               | 0.29  | 1.11  | 7 19                          | 13 19                          | 19 18                          |
| 28   |    | +7.8              | 00 05 46.744  | -00 47 53.28    | 30.801738               | 0.29  | 1.11  | 7 15                          | 13 15                          | 19 14                          |
| 3 1  |    | +7.8              | 00 05 54.623  | -00 47 01.44    | 30.808148               | 0.29  | 1.11  | 7 11                          | 13 11                          | 19 11                          |
| 2    |    | +7.8              | 00 06 02.539  | -00 46 09.40    | 30.814288               | 0.29  | 1.11  | 7 7                           | 13 7                           | 19 7                           |
| 3    |    | +7.8              | 00 06 10.490  | -00 45 17.18    | 30.820158               | 0.29  | 1.11  | 7 4                           | 13 3                           | 19 3                           |
| 4    |    | +7.8              | 00 06 18.477  | -00 44 24.77    | 30.825756               | 0.29  | 1.11  | 7 0                           | 13 0                           | 18 59                          |
| 5    |    | +7.8              | 00 06 26.498  | -00 43 32.19    | 30.831082               | 0.29  | 1.11  | 6 56                          | 12 56                          | 18 56                          |
| 6    |    | +7.8              | 00 06 34.554  | -00 42 39.43    | 30.836133               | 0.29  | 1.11  | 6 52                          | 12 52                          | 18 52                          |
| 7    |    | +7.8              | 00 06 42.645  | -00 41 46.49    | 30.840908               | 0.29  | 1.11  | 6 48                          | 12 48                          | 18 48                          |
| 8    |    | +7.8              | 00 06 50.768  | -00 40 53.38    | 30.845408               | 0.29  | 1.11  | 6 44                          | 12 44                          | 18 44                          |
| 9    |    | +7.8              | 00 06 58.923  | -00 40 00.11    | 30.849629               | 0.29  | 1.11  | 6 41                          | 12 41                          | 18 41                          |
| 10   |    | +7.8              | 00 07 07.108  | -00 39 06.70    | 30.853571               | 0.29  | 1.11  | 6 37                          | 12 37                          | 18 37                          |
| 11   |    | +7.8              | 00 07 15.320  | -00 38 13.15    | 30.857233               | 0.28  | 1.11  | 6 33                          | 12 33                          | 18 33                          |
| 12   |    | +7.8              | 00 07 23.556  | -00 37 19.50    | 30.860614               | 0.28  | 1.11  | 6 29                          | 12 29                          | 18 29                          |
| 13   |    | +7.8              | 00 07 31.815  | -00 36 25.74    | 30.863713               | 0.28  | 1.11  | 6 25                          | 12 25                          | 18 26                          |
| 14   |    | +7.8              | 00 07 40.093  | -00 35 31.91    | 30.866528               | 0.28  | 1.11  | 6 21                          | 12 22                          | 18 22                          |
| 15   |    | +7.8              | 00 07 48.387  | -00 34 38.02    | 30.869060               | 0.28  | 1.11  | 6 18                          | 12 18                          | 18 18                          |
| 16   |    | +7.8              | 00 07 56.694  | -00 33 44.09    | 30.871307               | 0.28  | 1.11  | 6 14                          | 12 14                          | 18 14                          |
| 17   |    | +7.8              | 00 08 05.013  | -00 32 50.14    | 30.873268               | 0.28  | 1.11  | 6 10                          | 12 10                          | 18 11                          |
| 18   |    | +7.8              | 00 08 13.342  | -00 31 56.18    | 30.874944               | 0.28  | 1.11  | 6 6                           | 12 6                           | 18 7                           |
| 19   |    | +7.8              | 00 08 21.679  | -00 31 02.22    | 30.876333               | 0.28  | 1.11  | 6 2                           | 12 3                           | 18 3                           |
| 20   |    | +7.8              | 00 08 30.025  | -00 30 08.27    | 30.877436               | 0.28  | 1.11  | 5 58                          | 11 59                          | 17 59                          |
| 21   |    | +7.8              | 00 08 38.379  | -00 29 14.36    | 30.878252               | 0.28  | 1.11  | 5 55                          | 11 55                          | 17 56                          |
| 22   | 合  | +7.8              | 00 08 46.738  | -00 28 20.56    | 30.878781               | 0.28  | 1.11  | 5 51                          | 11 51                          | 17 52                          |
| 23   |    | +7.8              | 00 08 55.088  | -00 27 26.68    | 30.879024               | 0.28  | 1.11  | 5 47                          | 11 48                          | 17 48                          |
| 24   |    | +7.8              | 00 09 03.449  | -00 26 32.64    | 30.878981               | 0.28  | 1.11  | 5 43                          | 11 44                          | 17 44                          |
| 25   |    | +7.8              | 00 09 11.817  | -00 25 38.68    | 30.878654               | 0.28  | 1.11  | 5 39                          | 11 40                          | 17 41                          |
| 26   |    | +7.8              | 00 09 20.183  | -00 24 44.82    | 30.878042               | 0.28  | 1.11  | 5 35                          | 11 36                          | 17 37                          |
| 27   |    | +7.8              | 00 09 28.542  | -00 23 51.08    | 30.877146               | 0.28  | 1.11  | 5 32                          | 11 32                          | 17 33                          |
| 28   |    | +7.8              | 00 09 36.889  | -00 22 57.47    | 30.875968               | 0.28  | 1.11  | 5 28                          | 11 29                          | 17 29                          |
| 29   |    | +7.8              | 00 09 45.224  | -00 22 04.00    | 30.874508               | 0.28  | 1.11  | 5 24                          | 11 25                          | 17 26                          |
| 30   |    | +7.8              | 00 09 53.543  | -00 21 10.68    | 30.872767               | 0.28  | 1.11  | 5 20                          | 11 21                          | 17 22                          |
| 31   |    | +7.8              | 00 10 01.846  | -00 20 17.51    | 30.870746               | 0.28  | 1.11  | 5 16                          | 11 17                          | 17 18                          |
| 4 1  |    | +7.8              | 00 10 10.133  | -00 19 24.50    | 30.868446               | 0.28  | 1.11  | 5 12                          | 11 13                          | 17 14                          |
| 2    |    | +7.8              | 00 10 18.404  | -00 18 31.64    | 30.865867               | 0.28  | 1.11  | 5 9                           | 11 10                          | 17 11                          |

海 王 星 令和 8 年 2026

| 月 日 | 状況 | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                     |                                 |                                 |
|-----|----|-------------------|---|-----------------|-------------------------|-------|-------|-------------------------------|---------------------------------|---------------------------------|
|     |    | 等級                | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                             | 南中                              | 入                               |
| 4 2 |    | +7.8 <sup>等</sup> | 00 <sup>h</sup> 10 <sup>m</sup> 18.404 <sup>s</sup> | -00° 18' 31.64" | 30.865867 <sup>au</sup> | 0.28" | 1.11" | 5 <sup>h</sup> 9 <sup>m</sup> | 11 <sup>h</sup> 10 <sup>m</sup> | 17 <sup>h</sup> 11 <sup>m</sup> |
| 3   |    | +7.8              | 00 10 26.658  | -00 17 38.94    | 30.863012               | 0.28  | 1.11  | 5 5                           | 11 6                            | 17 7                            |
| 4   |    | +7.8              | 00 10 34.894  | -00 16 46.40    | 30.859880               | 0.28  | 1.11  | 5 1                           | 11 2                            | 17 3                            |
| 5   |    | +7.8              | 00 10 43.112  | -00 15 54.03    | 30.856473               | 0.29  | 1.11  | 4 57                          | 10 58                           | 16 59                           |
| 6   |    | +7.8              | 00 10 51.309  | -00 15 01.84    | 30.852791               | 0.29  | 1.11  | 4 53                          | 10 54                           | 16 56                           |
| 7   |    | +7.8              | 00 10 59.483  | -00 14 09.84    | 30.848835               | 0.29  | 1.11  | 4 49                          | 10 51                           | 16 52                           |
| 8   |    | +7.8              | 00 11 07.632  | -00 13 18.06    | 30.844606               | 0.29  | 1.11  | 4 46                          | 10 47                           | 16 48                           |
| 9   |    | +7.8              | 00 11 15.753  | -00 12 26.50    | 30.840107               | 0.29  | 1.11  | 4 42                          | 10 43                           | 16 44                           |
| 10  |    | +7.8              | 00 11 23.843  | -00 11 35.19    | 30.835336               | 0.29  | 1.11  | 4 38                          | 10 39                           | 16 41                           |
| 11  |    | +7.8              | 00 11 31.901  | -00 10 44.13    | 30.830296               | 0.29  | 1.11  | 4 34                          | 10 35                           | 16 37                           |
| 12  |    | +7.8              | 00 11 39.922  | -00 09 53.36    | 30.824989               | 0.29  | 1.11  | 4 30                          | 10 32                           | 16 33                           |
| 13  |    | +7.8              | 00 11 47.906  | -00 09 02.88    | 30.819414               | 0.29  | 1.11  | 4 26                          | 10 28                           | 16 29                           |
| 14  |    | +7.8              | 00 11 55.849  | -00 08 12.70    | 30.813574               | 0.29  | 1.11  | 4 22                          | 10 24                           | 16 26                           |
| 15  |    | +7.8              | 00 12 03.751  | -00 07 22.84    | 30.807471               | 0.29  | 1.11  | 4 19                          | 10 20                           | 16 22                           |
| 16  |    | +7.8              | 00 12 11.611  | -00 06 33.30    | 30.801105               | 0.29  | 1.11  | 4 15                          | 10 16                           | 16 18                           |
| 17  |    | +7.8              | 00 12 19.429  | -00 05 44.08    | 30.794479               | 0.29  | 1.11  | 4 11                          | 10 13                           | 16 14                           |
| 18  |    | +7.8              | 00 12 27.206  | -00 04 55.18    | 30.787595               | 0.29  | 1.11  | 4 7                           | 10 9                            | 16 11                           |
| 19  |    | +7.8              | 00 12 34.941  | -00 04 06.60    | 30.780455               | 0.29  | 1.11  | 4 3                           | 10 5                            | 16 7                            |
| 20  |    | +7.8              | 00 12 42.632  | -00 03 18.35    | 30.773061               | 0.29  | 1.11  | 3 59                          | 10 1                            | 16 3                            |
| 21  |    | +7.8              | 00 12 50.276  | -00 02 30.45    | 30.765416               | 0.29  | 1.11  | 3 56                          | 9 57                            | 15 59                           |
| 22  |    | +7.8              | 00 12 57.869  | -00 01 42.92    | 30.757522               | 0.29  | 1.11  | 3 52                          | 9 54                            | 15 55                           |
| 23  |    | +7.8              | 00 13 05.407  | -00 00 55.79    | 30.749383               | 0.29  | 1.11  | 3 48                          | 9 50                            | 15 52                           |
| 24  |    | +7.8              | 00 13 12.888  | -00 00 09.08    | 30.741000               | 0.29  | 1.11  | 3 44                          | 9 46                            | 15 48                           |
| 25  |    | +7.8              | 00 13 20.307  | +00 00 37.19    | 30.732378               | 0.29  | 1.11  | 3 40                          | 9 42                            | 15 44                           |
| 26  |    | +7.8              | 00 13 27.665  | +00 01 23.02    | 30.723518               | 0.29  | 1.11  | 3 36                          | 9 38                            | 15 40                           |
| 27  |    | +7.8              | 00 13 34.961  | +00 02 08.40    | 30.714423               | 0.29  | 1.11  | 3 33                          | 9 35                            | 15 37                           |
| 28  |    | +7.8              | 00 13 42.193  | +00 02 53.32    | 30.705096               | 0.29  | 1.11  | 3 29                          | 9 31                            | 15 33                           |
| 29  |    | +7.8              | 00 13 49.363  | +00 03 37.80    | 30.695540               | 0.29  | 1.11  | 3 25                          | 9 27                            | 15 29                           |
| 30  |    | +7.8              | 00 13 56.469  | +00 04 21.82    | 30.685757               | 0.29  | 1.11  | 3 21                          | 9 23                            | 15 25                           |
| 5 1 |    | +7.8              | 00 14 03.513  | +00 05 05.40    | 30.675750               | 0.29  | 1.11  | 3 17                          | 9 19                            | 15 21                           |
| 2   |    | +7.8              | 00 14 10.492  | +00 05 48.51    | 30.665522               | 0.29  | 1.11  | 3 13                          | 9 15                            | 15 18                           |
| 3   |    | +7.8              | 00 14 17.406  | +00 06 31.17    | 30.655075               | 0.29  | 1.11  | 3 9                           | 9 12                            | 15 14                           |
| 4   |    | +7.8              | 00 14 24.252  | +00 07 13.34    | 30.644412               | 0.29  | 1.11  | 3 6                           | 9 8                             | 15 10                           |
| 5   |    | +7.8              | 00 14 31.030  | +00 07 55.03    | 30.633535               | 0.29  | 1.11  | 3 2                           | 9 4                             | 15 6                            |
| 6   |    | +7.8              | 00 14 37.735  | +00 08 36.22    | 30.622449               | 0.29  | 1.12  | 2 58                          | 9 0                             | 15 3                            |
| 7   |    | +7.8              | 00 14 44.367  | +00 09 16.90    | 30.611154               | 0.29  | 1.12  | 2 54                          | 8 56                            | 14 59                           |
| 8   |    | +7.8              | 00 14 50.923  | +00 09 57.04    | 30.599654               | 0.29  | 1.12  | 2 50                          | 8 53                            | 14 55                           |
| 9   |    | +7.8              | 00 14 57.400  | +00 10 36.64    | 30.587953               | 0.29  | 1.12  | 2 46                          | 8 49                            | 14 51                           |
| 10  |    | +7.8              | 00 15 03.797  | +00 11 15.68    | 30.576052               | 0.29  | 1.12  | 2 42                          | 8 45                            | 14 47                           |
| 11  |    | +7.8              | 00 15 10.111  | +00 11 54.15    | 30.563955               | 0.29  | 1.12  | 2 39                          | 8 41                            | 14 44                           |
| 12  |    | +7.8              | 00 15 16.343  | +00 12 32.04    | 30.551665               | 0.29  | 1.12  | 2 35                          | 8 37                            | 14 40                           |
| 13  |    | +7.8              | 00 15 22.490  | +00 13 09.35    | 30.539185               | 0.29  | 1.12  | 2 31                          | 8 33                            | 14 36                           |
| 14  |    | +7.8              | 00 15 28.555  | +00 13 46.08    | 30.526518               | 0.29  | 1.12  | 2 27                          | 8 30                            | 14 32                           |
| 15  |    | +7.8              | 00 15 34.536  | +00 14 22.24    | 30.513669               | 0.29  | 1.12  | 2 23                          | 8 26                            | 14 28                           |
| 16  |    | +7.8              | 00 15 40.434  | +00 14 57.83    | 30.500640               | 0.29  | 1.12  | 2 19                          | 8 22                            | 14 25                           |
| 17  |    | +7.8              | 00 15 46.250  | +00 15 32.83    | 30.487435               | 0.29  | 1.12  | 2 15                          | 8 18                            | 14 21                           |
| 18  |    | +7.8              | 00 15 51.980  | +00 16 07.26    | 30.474058               | 0.29  | 1.12  | 2 12                          | 8 14                            | 14 17                           |



海 王 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                      |                                |                                 |
|------|----|-------------------|---|-----------------|-------------------------|-------|-------|--------------------------------|--------------------------------|---------------------------------|
|      |    | 等級                | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                              | 南中                             | 入                               |
| 5 18 |    | +7.8 <sup>等</sup> | 00 <sup>h</sup> 15 <sup>m</sup> 51.980 <sup>s</sup> | +00° 16' 07.26" | 30.474058 <sup>au</sup> | 0.29" | 1.12" | 2 <sup>h</sup> 12 <sup>m</sup> | 8 <sup>h</sup> 14 <sup>m</sup> | 14 <sup>h</sup> 17 <sup>m</sup> |
| 19   |    | +7.8              | 00 15 57.621  | +00 16 41.07    | 30.460514               | 0.29  | 1.12  | 2 8                            | 8 10                           | 14 13                           |
| 20   |    | +7.8              | 00 16 03.170  | +00 17 14.26    | 30.446806               | 0.29  | 1.12  | 2 4                            | 8 7                            | 14 9                            |
| 21   |    | +7.8              | 00 16 08.623  | +00 17 46.79    | 30.432939               | 0.29  | 1.12  | 2 0                            | 8 3                            | 14 5                            |
| 22   |    | +7.8              | 00 16 13.978  | +00 18 18.66    | 30.418917               | 0.29  | 1.12  | 1 56                           | 7 59                           | 14 2                            |
| 23   |    | +7.8              | 00 16 19.233  | +00 18 49.85    | 30.404743               | 0.29  | 1.12  | 1 52                           | 7 55                           | 13 58                           |
| 24   |    | +7.8              | 00 16 24.388  | +00 19 20.36    | 30.390423               | 0.29  | 1.12  | 1 48                           | 7 51                           | 13 54                           |
| 25   |    | +7.8              | 00 16 29.444  | +00 19 50.20    | 30.375961               | 0.29  | 1.12  | 1 44                           | 7 47                           | 13 50                           |
| 26   |    | +7.8              | 00 16 34.400  | +00 20 19.36    | 30.361359               | 0.29  | 1.12  | 1 41                           | 7 43                           | 13 46                           |
| 27   |    | +7.8              | 00 16 39.259  | +00 20 47.86    | 30.346623               | 0.29  | 1.13  | 1 37                           | 7 40                           | 13 43                           |
| 28   |    | +7.8              | 00 16 44.019  | +00 21 15.69    | 30.331756               | 0.29  | 1.13  | 1 33                           | 7 36                           | 13 39                           |
| 29   |    | +7.8              | 00 16 48.680  | +00 21 42.86    | 30.316762               | 0.29  | 1.13  | 1 29                           | 7 32                           | 13 35                           |
| 30   |    | +7.8              | 00 16 53.242  | +00 22 09.36    | 30.301644               | 0.29  | 1.13  | 1 25                           | 7 28                           | 13 31                           |
| 31   |    | +7.8              | 00 16 57.703  | +00 22 35.19    | 30.286408               | 0.29  | 1.13  | 1 21                           | 7 24                           | 13 27                           |
| 6 1  |    | +7.8              | 00 17 02.063  | +00 23 00.33    | 30.271056               | 0.29  | 1.13  | 1 17                           | 7 20                           | 13 23                           |
| 2    |    | +7.8              | 00 17 06.319  | +00 23 24.78    | 30.255593               | 0.29  | 1.13  | 1 13                           | 7 16                           | 13 20                           |
| 3    |    | +7.8              | 00 17 10.470  | +00 23 48.53    | 30.240023               | 0.29  | 1.13  | 1 10                           | 7 13                           | 13 16                           |
| 4    |    | +7.8              | 00 17 14.514  | +00 24 11.56    | 30.224349               | 0.29  | 1.13  | 1 6                            | 7 9                            | 13 12                           |
| 5    |    | +7.8              | 00 17 18.448  | +00 24 33.87    | 30.208575               | 0.29  | 1.13  | 1 2                            | 7 5                            | 13 8                            |
| 6    |    | +7.8              | 00 17 22.273  | +00 24 55.44    | 30.192705               | 0.29  | 1.13  | 0 58                           | 7 1                            | 13 4                            |
| 7    |    | +7.8              | 00 17 25.986  | +00 25 16.27    | 30.176745               | 0.29  | 1.13  | 0 54                           | 6 57                           | 13 0                            |
| 8    |    | +7.8              | 00 17 29.587  | +00 25 36.36    | 30.160696               | 0.29  | 1.13  | 0 50                           | 6 53                           | 12 56                           |
| 9    |    | +7.8              | 00 17 33.076  | +00 25 55.70    | 30.144565               | 0.29  | 1.13  | 0 46                           | 6 49                           | 12 53                           |
| 10   |    | +7.8              | 00 17 36.453  | +00 26 14.29    | 30.128354               | 0.29  | 1.13  | 0 42                           | 6 46                           | 12 49                           |
| 11   |    | +7.8              | 00 17 39.720  | +00 26 32.14    | 30.112069               | 0.29  | 1.13  | 0 38                           | 6 42                           | 12 45                           |
| 12   |    | +7.8              | 00 17 42.876  | +00 26 49.27    | 30.095713               | 0.29  | 1.13  | 0 35                           | 6 38                           | 12 41                           |
| 13   |    | +7.8              | 00 17 45.923  | +00 27 05.66    | 30.079292               | 0.29  | 1.14  | 0 31                           | 6 34                           | 12 37                           |
| 14   |    | +7.8              | 00 17 48.860  | +00 27 21.33    | 30.062811               | 0.29  | 1.14  | 0 27                           | 6 30                           | 12 33                           |
| 15   |    | +7.8              | 00 17 51.686  | +00 27 36.26    | 30.046273               | 0.29  | 1.14  | 0 23                           | 6 26                           | 12 29                           |
| 16   |    | +7.8              | 00 17 54.396  | +00 27 50.44    | 30.029684               | 0.29  | 1.14  | 0 19                           | 6 22                           | 12 25                           |
| 17   |    | +7.8              | 00 17 56.988  | +00 28 03.84    | 30.013050               | 0.29  | 1.14  | 0 15                           | 6 18                           | 12 22                           |
| 18   |    | +7.8              | 00 17 59.460  | +00 28 16.44    | 29.996375               | 0.29  | 1.14  | 0 11                           | 6 14                           | 12 18                           |
| 19   |    | +7.8              | 00 18 01.809  | +00 28 28.24    | 29.979664               | 0.29  | 1.14  | 0 7                            | 6 11                           | 12 14                           |
| 20   |    | +7.8              | 00 18 04.036  | +00 28 39.24    | 29.962922               | 0.29  | 1.14  | 0 3*                           | 6 7                            | 12 10                           |
| 21   |    | +7.8              | 00 18 06.143  | +00 28 49.45    | 29.946154               | 0.29  | 1.14  | 23 56                          | 6 3                            | 12 6                            |
| 22   |    | +7.8              | 00 18 08.131  | +00 28 58.88    | 29.929365               | 0.29  | 1.14  | 23 52                          | 5 59                           | 12 2                            |
| 23   |    | +7.8              | 00 18 10.000  | +00 29 07.54    | 29.912559               | 0.29  | 1.14  | 23 48                          | 5 55                           | 11 58                           |
| 24   |    | +7.8              | 00 18 11.753  | +00 29 15.42    | 29.895740               | 0.29  | 1.14  | 23 44                          | 5 51                           | 11 54                           |
| 25   |    | +7.8              | 00 18 13.389  | +00 29 22.55    | 29.878915               | 0.29  | 1.14  | 23 40                          | 5 47                           | 11 50                           |
| 26   |    | +7.8              | 00 18 14.908  | +00 29 28.92    | 29.862086               | 0.29  | 1.14  | 23 36                          | 5 43                           | 11 47                           |
| 27   |    | +7.8              | 00 18 16.311  | +00 29 34.53    | 29.845258               | 0.29  | 1.14  | 23 32                          | 5 39                           | 11 43                           |
| 28   |    | +7.8              | 00 18 17.597  | +00 29 39.38    | 29.828436               | 0.29  | 1.14  | 23 28                          | 5 35                           | 11 39                           |
| 29   |    | +7.7              | 00 18 18.764  | +00 29 43.47    | 29.811624               | 0.29  | 1.15  | 23 24                          | 5 32                           | 11 35                           |
| 30   |    | +7.7              | 00 18 19.812  | +00 29 46.78    | 29.794827               | 0.30  | 1.15  | 23 20                          | 5 28                           | 11 31                           |
| 7 1  |    | +7.7              | 00 18 20.740  | +00 29 49.32    | 29.778049               | 0.30  | 1.15  | 23 16                          | 5 24                           | 11 27                           |
| 2    |    | +7.7              | 00 18 21.547  | +00 29 51.07    | 29.761294               | 0.30  | 1.15  | 23 13                          | 5 20                           | 11 23                           |
| 3    |    | +7.7              | 00 18 22.232  | +00 29 52.03    | 29.744567               | 0.30  | 1.15  | 23 9                           | 5 16                           | 11 19                           |

\* 24:00 にもう一度出となる。

海 王 星 令和 8 年 2026

| 月 日     | 状況   | 真春分点にもとづく座標系      |   |                             | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                      |                                |                                 |
|---------|------|-------------------|---|-----------------------------|-------------------------|-------|-------|--------------------------------|--------------------------------|---------------------------------|
|         |      | 等級                | 視赤経   | 視赤緯                         | 距離                      | 視差    | 視半径   | 出                              | 南中                             | 入                               |
| 7 月 3 日 | 留    | +7.7 <sup>等</sup> | 00 <sup>h</sup> 18 <sup>m</sup> 22.232 <sup>s</sup> | +00 <sup>°</sup> 29' 52.03" | 29.744567 <sup>au</sup> | 0.30" | 1.15" | 23 <sup>h</sup> 9 <sup>m</sup> | 5 <sup>h</sup> 16 <sup>m</sup> | 11 <sup>h</sup> 19 <sup>m</sup> |
| 4       |      | +7.7              | 00 18 22.794  | +00 29 52.20                | 29.727872               | 0.30  | 1.15  | 23 5                           | 5 12                           | 11 15                           |
| 5       |      | +7.7              | 00 18 23.234  | +00 29 51.59                | 29.711214               | 0.30  | 1.15  | 23 1                           | 5 8                            | 11 11                           |
| 6       |      | +7.7              | 00 18 23.553  | +00 29 50.18                | 29.694596               | 0.30  | 1.15  | 22 57                          | 5 4                            | 11 7                            |
| 7       |      | +7.7              | 00 18 23.751  | +00 29 48.00                | 29.678025               | 0.30  | 1.15  | 22 53                          | 5 0                            | 11 3                            |
| 8       |      | +7.7              | 00 18 23.829  | +00 29 45.05                | 29.661503               | 0.30  | 1.15  | 22 49                          | 4 56                           | 11 0                            |
| 9       |      | +7.7              | 00 18 23.791  | +00 29 41.34                | 29.645037               | 0.30  | 1.15  | 22 45                          | 4 52                           | 10 56                           |
| 10      |      | +7.7              | 00 18 23.636  | +00 29 36.88                | 29.628630               | 0.30  | 1.15  | 22 41                          | 4 48                           | 10 52                           |
| 11      |      | +7.7              | 00 18 23.366  | +00 29 31.69                | 29.612287               | 0.30  | 1.15  | 22 37                          | 4 44                           | 10 48                           |
| 12      |      | +7.7              | 00 18 22.980  | +00 29 25.75                | 29.596015               | 0.30  | 1.15  | 22 33                          | 4 41                           | 10 44                           |
| 13      |      | +7.7              | 00 18 22.477  | +00 29 19.06                | 29.579816               | 0.30  | 1.15  | 22 29                          | 4 37                           | 10 40                           |
| 14      |      | +7.7              | 00 18 21.855  | +00 29 11.61                | 29.563698               | 0.30  | 1.15  | 22 25                          | 4 33                           | 10 36                           |
| 15      |      | +7.7              | 00 18 21.110  | +00 29 03.39                | 29.547664               | 0.30  | 1.16  | 22 21                          | 4 29                           | 10 32                           |
| 16      |      | +7.7              | 00 18 20.243  | +00 28 54.38                | 29.531721               | 0.30  | 1.16  | 22 18                          | 4 25                           | 10 28                           |
| 17      |      | +7.7              | 00 18 19.253  | +00 28 44.59                | 29.515872               | 0.30  | 1.16  | 22 14                          | 4 21                           | 10 24                           |
| 18      |      | +7.7              | 00 18 18.143  | +00 28 34.03                | 29.500123               | 0.30  | 1.16  | 22 10                          | 4 17                           | 10 20                           |
| 19      |      | +7.7              | 00 18 16.914  | +00 28 22.72                | 29.484478               | 0.30  | 1.16  | 22 6                           | 4 13                           | 10 16                           |
| 20      |      | +7.7              | 00 18 15.569  | +00 28 10.67                | 29.468942               | 0.30  | 1.16  | 22 2                           | 4 9                            | 10 12                           |
| 21      | +7.7 | 00 18 14.110      | +00 27 57.90  | 29.453519                   | 0.30                    | 1.16  | 21 58 | 4 5                            | 10 8                           |                                 |
| 22      | +7.7 | 00 18 12.539      | +00 27 44.42  | 29.438215                   | 0.30                    | 1.16  | 21 54 | 4 1                            | 10 4                           |                                 |
| 23      | +7.7 | 00 18 10.857      | +00 27 30.23  | 29.423032                   | 0.30                    | 1.16  | 21 50 | 3 57                           | 10 0                           |                                 |
| 24      | +7.7 | 00 18 09.064      | +00 27 15.36  | 29.407976                   | 0.30                    | 1.16  | 21 46 | 3 53                           | 9 56                           |                                 |
| 25      | +7.7 | 00 18 07.161      | +00 26 59.79  | 29.393051                   | 0.30                    | 1.16  | 21 42 | 3 49                           | 9 52                           |                                 |
| 26      | +7.7 | 00 18 05.149      | +00 26 43.54  | 29.378260                   | 0.30                    | 1.16  | 21 38 | 3 45                           | 9 48                           |                                 |
| 27      | +7.7 | 00 18 03.026      | +00 26 26.59  | 29.363607                   | 0.30                    | 1.16  | 21 34 | 3 41                           | 9 44                           |                                 |
| 28      | +7.7 | 00 18 00.794      | +00 26 08.96  | 29.349098                   | 0.30                    | 1.16  | 21 30 | 3 37                           | 9 40                           |                                 |
| 29      | +7.7 | 00 17 58.451      | +00 25 50.64  | 29.334735                   | 0.30                    | 1.16  | 21 26 | 3 33                           | 9 36                           |                                 |
| 30      | +7.7 | 00 17 55.998      | +00 25 31.63  | 29.320523                   | 0.30                    | 1.16  | 21 22 | 3 29                           | 9 32                           |                                 |
| 31      | +7.7 | 00 17 53.435      | +00 25 11.94  | 29.306465                   | 0.30                    | 1.17  | 21 18 | 3 25                           | 9 28                           |                                 |
| 8 月 1   | +7.7 | 00 17 50.764      | +00 24 51.57  | 29.292567                   | 0.30                    | 1.17  | 21 14 | 3 21                           | 9 24                           |                                 |
| 2       | +7.7 | 00 17 47.985      | +00 24 30.53  | 29.278830                   | 0.30                    | 1.17  | 21 10 | 3 17                           | 9 20                           |                                 |
| 3       | +7.7 | 00 17 45.101      | +00 24 08.83  | 29.265261                   | 0.30                    | 1.17  | 21 6  | 3 13                           | 9 16                           |                                 |
| 4       | +7.7 | 00 17 42.114      | +00 23 46.49  | 29.251861                   | 0.30                    | 1.17  | 21 2  | 3 9                            | 9 12                           |                                 |
| 5       | +7.7 | 00 17 39.027      | +00 23 23.53  | 29.238637                   | 0.30                    | 1.17  | 20 58 | 3 5                            | 9 8                            |                                 |
| 6       | +7.7 | 00 17 35.841      | +00 22 59.96  | 29.225591                   | 0.30                    | 1.17  | 20 54 | 3 1                            | 9 4                            |                                 |
| 7       | +7.7 | 00 17 32.559      | +00 22 35.79  | 29.212727                   | 0.30                    | 1.17  | 20 51 | 2 57                           | 9 0                            |                                 |
| 8       | +7.7 | 00 17 29.182      | +00 22 11.04  | 29.200051                   | 0.30                    | 1.17  | 20 47 | 2 53                           | 8 56                           |                                 |
| 9       | +7.7 | 00 17 25.709      | +00 21 45.70  | 29.187566                   | 0.30                    | 1.17  | 20 43 | 2 49                           | 8 52                           |                                 |
| 10      | +7.7 | 00 17 22.140      | +00 21 19.77  | 29.175277                   | 0.30                    | 1.17  | 20 39 | 2 45                           | 8 48                           |                                 |
| 11      | +7.7 | 00 17 18.474      | +00 20 53.25  | 29.163187                   | 0.30                    | 1.17  | 20 35 | 2 41                           | 8 44                           |                                 |
| 12      | +7.7 | 00 17 14.709      | +00 20 26.13  | 29.151302                   | 0.30                    | 1.17  | 20 31 | 2 37                           | 8 40                           |                                 |
| 13      | +7.7 | 00 17 10.848      | +00 19 58.41  | 29.139624                   | 0.30                    | 1.17  | 20 27 | 2 33                           | 8 36                           |                                 |
| 14      | +7.7 | 00 17 06.891      | +00 19 30.11  | 29.128158                   | 0.30                    | 1.17  | 20 23 | 2 30                           | 8 32                           |                                 |
| 15      | +7.7 | 00 17 02.841      | +00 19 01.25  | 29.116909                   | 0.30                    | 1.17  | 20 19 | 2 26                           | 8 28                           |                                 |
| 16      | +7.7 | 00 16 58.703      | +00 18 31.85  | 29.105878                   | 0.30                    | 1.17  | 20 15 | 2 22                           | 8 24                           |                                 |
| 17      | +7.7 | 00 16 54.479      | +00 18 01.93  | 29.095071                   | 0.30                    | 1.17  | 20 11 | 2 18                           | 8 20                           |                                 |
| 18      | +7.7 | 00 16 50.173      | +00 17 31.52  | 29.084490                   | 0.30                    | 1.17  | 20 7  | 2 13                           | 8 16                           |                                 |

海 王 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系 |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                      |                                |                                |
|------|----|--------------|---|-----------------|-------------------------|-------|-------|--------------------------------|--------------------------------|--------------------------------|
|      |    | 等級           | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                              | 南中                             | 入                              |
| 8 18 |    | +7.7         | 00 <sup>h</sup> 16 <sup>m</sup> 50.173 <sup>s</sup> | +00° 17' 31.52" | 29.084490 <sup>au</sup> | 0.30" | 1.17" | 20 <sup>h</sup> 7 <sup>m</sup> | 2 <sup>h</sup> 13 <sup>m</sup> | 8 <sup>h</sup> 16 <sup>m</sup> |
| 19   |    | +7.7         | 00 16 45.786  | +00 17 00.63    | 29.074138               | 0.30  | 1.17  | 20 3                           | 2 9                            | 8 12                           |
| 20   |    | +7.7         | 00 16 41.321  | +00 16 29.27    | 29.064018               | 0.30  | 1.17  | 19 59                          | 2 5                            | 8 8                            |
| 21   |    | +7.7         | 00 16 36.779  | +00 15 57.45    | 29.054134               | 0.30  | 1.18  | 19 55                          | 2 1                            | 8 4                            |
| 22   |    | +7.7         | 00 16 32.160  | +00 15 25.19    | 29.044488               | 0.30  | 1.18  | 19 51                          | 1 57                           | 8 0                            |
| 23   |    | +7.7         | 00 16 27.467  | +00 14 52.48    | 29.035084               | 0.30  | 1.18  | 19 47                          | 1 53                           | 7 56                           |
| 24   |    | +7.7         | 00 16 22.699  | +00 14 19.34    | 29.025923               | 0.30  | 1.18  | 19 43                          | 1 49                           | 7 52                           |
| 25   |    | +7.7         | 00 16 17.857  | +00 13 45.77    | 29.017009               | 0.30  | 1.18  | 19 39                          | 1 45                           | 7 48                           |
| 26   |    | +7.7         | 00 16 12.943  | +00 13 11.77    | 29.008343               | 0.30  | 1.18  | 19 35                          | 1 41                           | 7 44                           |
| 27   |    | +7.7         | 00 16 07.957  | +00 12 37.36    | 28.999930               | 0.30  | 1.18  | 19 31                          | 1 37                           | 7 40                           |
| 28   |    | +7.7         | 00 16 02.902  | +00 12 02.53    | 28.991771               | 0.30  | 1.18  | 19 27                          | 1 33                           | 7 36                           |
| 29   |    | +7.7         | 00 15 57.779  | +00 11 27.32    | 28.983868               | 0.30  | 1.18  | 19 23                          | 1 29                           | 7 32                           |
| 30   |    | +7.7         | 00 15 52.591  | +00 10 51.73    | 28.976224               | 0.30  | 1.18  | 19 19                          | 1 25                           | 7 28                           |
| 31   |    | +7.7         | 00 15 47.341  | +00 10 15.79    | 28.968842               | 0.30  | 1.18  | 19 15                          | 1 21                           | 7 24                           |
| 9 1  |    | +7.7         | 00 15 42.034  | +00 09 39.52    | 28.961724               | 0.30  | 1.18  | 19 11                          | 1 17                           | 7 20                           |
| 2    |    | +7.7         | 00 15 36.671  | +00 09 02.94    | 28.954872               | 0.30  | 1.18  | 19 7                           | 1 13                           | 7 16                           |
| 3    |    | +7.7         | 00 15 31.256  | +00 08 26.06    | 28.948289               | 0.30  | 1.18  | 19 3                           | 1 9                            | 7 12                           |
| 4    |    | +7.7         | 00 15 25.791  | +00 07 48.91    | 28.941978               | 0.30  | 1.18  | 18 59                          | 1 5                            | 7 8                            |
| 5    |    | +7.7         | 00 15 20.276  | +00 07 11.49    | 28.935940               | 0.30  | 1.18  | 18 55                          | 1 1                            | 7 3                            |
| 6    |    | +7.7         | 00 15 14.712  | +00 06 33.80    | 28.930179               | 0.30  | 1.18  | 18 51                          | 0 57                           | 6 59                           |
| 7    |    | +7.7         | 00 15 09.099  | +00 05 55.84    | 28.924697               | 0.30  | 1.18  | 18 47                          | 0 53                           | 6 55                           |
| 8    |    | +7.7         | 00 15 03.436  | +00 05 17.62    | 28.919497               | 0.30  | 1.18  | 18 43                          | 0 49                           | 6 51                           |
| 9    |    | +7.7         | 00 14 57.726  | +00 04 39.14    | 28.914579               | 0.30  | 1.18  | 18 39                          | 0 45                           | 6 47                           |
| 10   |    | +7.7         | 00 14 51.970  | +00 04 00.42    | 28.909947               | 0.30  | 1.18  | 18 35                          | 0 41                           | 6 43                           |
| 11   |    | +7.7         | 00 14 46.172  | +00 03 21.47    | 28.905603               | 0.30  | 1.18  | 18 31                          | 0 37                           | 6 39                           |
| 12   |    | +7.7         | 00 14 40.336  | +00 02 42.33    | 28.901548               | 0.30  | 1.18  | 18 27                          | 0 33                           | 6 35                           |
| 13   |    | +7.7         | 00 14 34.465  | +00 02 03.01    | 28.897784               | 0.30  | 1.18  | 18 23                          | 0 29                           | 6 31                           |
| 14   |    | +7.7         | 00 14 28.564  | +00 01 23.56    | 28.894312               | 0.30  | 1.18  | 18 19                          | 0 25                           | 6 27                           |
| 15   |    | +7.7         | 00 14 22.636  | +00 00 43.98    | 28.891133               | 0.30  | 1.18  | 18 15                          | 0 21                           | 6 23                           |
| 16   |    | +7.7         | 00 14 16.683  | +00 00 04.31    | 28.888249               | 0.30  | 1.18  | 18 11                          | 0 17                           | 6 19                           |
| 17   |    | +7.7         | 00 14 10.708  | -00 00 35.46    | 28.885659               | 0.30  | 1.18  | 18 7                           | 0 13                           | 6 15                           |
| 18   |    | +7.7         | 00 14 04.712  | -00 01 15.31    | 28.883366               | 0.30  | 1.18  | 18 3                           | 0 9                            | 6 11                           |
| 19   |    | +7.7         | 00 13 58.697  | -00 01 55.22    | 28.881370               | 0.30  | 1.18  | 17 59                          | 0 5                            | 6 7                            |
| 20   |    | +7.7         | 00 13 52.664  | -00 02 35.18    | 28.879671               | 0.30  | 1.18  | 17 55                          | 0 1*                           | 6 3                            |
| 21   |    | +7.7         | 00 13 46.615  | -00 03 15.20    | 28.878269               | 0.30  | 1.18  | 17 51                          | 23 53                          | 5 58                           |
| 22   |    | +7.7         | 00 13 40.551  | -00 03 55.25    | 28.877166               | 0.30  | 1.18  | 17 47                          | 23 49                          | 5 54                           |
| 23   |    | +7.7         | 00 13 34.474  | -00 04 35.33    | 28.876361               | 0.30  | 1.18  | 17 43                          | 23 45                          | 5 50                           |
| 24   |    | +7.7         | 00 13 28.386  | -00 05 15.43    | 28.875855               | 0.30  | 1.18  | 17 39                          | 23 41                          | 5 46                           |
| 25   |    | +7.7         | 00 13 22.290  | -00 05 55.52    | 28.875648               | 0.30  | 1.18  | 17 35                          | 23 37                          | 5 42                           |
| 26   | 衝  | +7.7         | 00 13 16.187  | -00 06 35.60    | 28.875739               | 0.30  | 1.18  | 17 31                          | 23 33                          | 5 38                           |
| 27   |    | +7.7         | 00 13 10.083  | -00 07 15.64    | 28.876130               | 0.30  | 1.18  | 17 27                          | 23 29                          | 5 34                           |
| 28   |    | +7.7         | 00 13 03.980  | -00 07 55.61    | 28.876820               | 0.30  | 1.18  | 17 23                          | 23 25                          | 5 30                           |
| 29   |    | +7.7         | 00 12 57.883  | -00 08 35.49    | 28.877809               | 0.30  | 1.18  | 17 19                          | 23 20                          | 5 26                           |
| 30   |    | +7.7         | 00 12 51.795  | -00 09 15.26    | 28.879097               | 0.30  | 1.18  | 17 15                          | 23 16                          | 5 22                           |
| 10 1 |    | +7.7         | 00 12 45.718  | -00 09 54.89    | 28.880684               | 0.30  | 1.18  | 17 11                          | 23 12                          | 5 18                           |
| 2    |    | +7.7         | 00 12 39.654  | -00 10 34.39    | 28.882571               | 0.30  | 1.18  | 17 7                           | 23 8                           | 5 14                           |
| 3    |    | +7.7         | 00 12 33.603  | -00 11 13.75    | 28.884758               | 0.30  | 1.18  | 17 3                           | 23 4                           | 5 10                           |

\* 23:57 にもう一度南中する .

海 王 星 令和 8 年 2026

| 月 日  | 状況 | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                      |                                |                                |
|------|----|-------------------|---|-----------------|-------------------------|-------|-------|--------------------------------|--------------------------------|--------------------------------|
|      |    | 等級                | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                              | 南中                             | 入                              |
| 10 3 |    | +7.7 <sup>等</sup> | 00 <sup>h</sup> 12 <sup>m</sup> 33.603 <sup>s</sup> | -00° 11' 13.75" | 28.884758 <sup>au</sup> | 0.30" | 1.18" | 17 <sup>h</sup> 3 <sup>m</sup> | 23 <sup>h</sup> 4 <sup>m</sup> | 5 <sup>h</sup> 10 <sup>m</sup> |
| 4    |    | +7.7              | 00 12 27.566  | -00 11 52.96    | 28.887244               | 0.30  | 1.18  | 16 59                          | 23 0                           | 5 6                            |
| 5    |    | +7.7              | 00 12 21.543  | -00 12 32.02    | 28.890029               | 0.30  | 1.18  | 16 55                          | 22 56                          | 5 2                            |
| 6    |    | +7.7              | 00 12 15.535  | -00 13 10.93    | 28.893113               | 0.30  | 1.18  | 16 51                          | 22 52                          | 4 58                           |
| 7    |    | +7.7              | 00 12 09.545  | -00 13 49.66    | 28.896496               | 0.30  | 1.18  | 16 47                          | 22 48                          | 4 53                           |
| 8    |    | +7.7              | 00 12 03.576  | -00 14 28.20    | 28.900178               | 0.30  | 1.18  | 16 43                          | 22 44                          | 4 49                           |
| 9    |    | +7.7              | 00 11 57.631  | -00 15 06.53    | 28.904156               | 0.30  | 1.18  | 16 39                          | 22 40                          | 4 45                           |
| 10   |    | +7.7              | 00 11 51.715  | -00 15 44.62    | 28.908431               | 0.30  | 1.18  | 16 35                          | 22 36                          | 4 41                           |
| 11   |    | +7.7              | 00 11 45.832  | -00 16 22.44    | 28.913001               | 0.30  | 1.18  | 16 31                          | 22 32                          | 4 37                           |
| 12   |    | +7.7              | 00 11 39.986  | -00 16 59.96    | 28.917865               | 0.30  | 1.18  | 16 27                          | 22 28                          | 4 33                           |
| 13   |    | +7.7              | 00 11 34.179  | -00 17 37.17    | 28.923021               | 0.30  | 1.18  | 16 23                          | 22 24                          | 4 29                           |
| 14   |    | +7.7              | 00 11 28.414  | -00 18 14.05    | 28.928468               | 0.30  | 1.18  | 16 19                          | 22 20                          | 4 25                           |
| 15   |    | +7.7              | 00 11 22.692  | -00 18 50.60    | 28.934204               | 0.30  | 1.18  | 16 15                          | 22 16                          | 4 21                           |
| 16   |    | +7.7              | 00 11 17.015  | -00 19 26.79    | 28.940226               | 0.30  | 1.18  | 16 11                          | 22 12                          | 4 17                           |
| 17   |    | +7.7              | 00 11 11.385  | -00 20 02.63    | 28.946534               | 0.30  | 1.18  | 16 7                           | 22 8                           | 4 13                           |
| 18   |    | +7.7              | 00 11 05.803  | -00 20 38.10    | 28.953125               | 0.30  | 1.18  | 16 3                           | 22 4                           | 4 9                            |
| 19   |    | +7.7              | 00 11 00.270  | -00 21 13.20    | 28.959996               | 0.30  | 1.18  | 15 59                          | 22 0                           | 4 5                            |
| 20   |    | +7.7              | 00 10 54.788  | -00 21 47.92    | 28.967145               | 0.30  | 1.18  | 15 55                          | 21 56                          | 4 1                            |
| 21   |    | +7.7              | 00 10 49.359  | -00 22 22.24    | 28.974571               | 0.30  | 1.18  | 15 51                          | 21 52                          | 3 57                           |
| 22   |    | +7.7              | 00 10 43.984  | -00 22 56.15    | 28.982270               | 0.30  | 1.18  | 15 47                          | 21 48                          | 3 53                           |
| 23   |    | +7.7              | 00 10 38.666  | -00 23 29.64    | 28.990240               | 0.30  | 1.18  | 15 43                          | 21 44                          | 3 49                           |
| 24   |    | +7.7              | 00 10 33.409  | -00 24 02.69    | 28.998478               | 0.30  | 1.18  | 15 39                          | 21 40                          | 3 45                           |
| 25   |    | +7.7              | 00 10 28.215  | -00 24 35.28    | 29.006983               | 0.30  | 1.18  | 15 35                          | 21 36                          | 3 41                           |
| 26   |    | +7.7              | 00 10 23.089  | -00 25 07.38    | 29.015750               | 0.30  | 1.18  | 15 31                          | 21 32                          | 3 36                           |
| 27   |    | +7.7              | 00 10 18.034  | -00 25 38.98    | 29.024779               | 0.30  | 1.18  | 15 27                          | 21 28                          | 3 32                           |
| 28   |    | +7.7              | 00 10 13.052  | -00 26 10.05    | 29.034067               | 0.30  | 1.18  | 15 23                          | 21 24                          | 3 28                           |
| 29   |    | +7.7              | 00 10 08.145  | -00 26 40.59    | 29.043610               | 0.30  | 1.18  | 15 19                          | 21 20                          | 3 24                           |
| 30   |    | +7.7              | 00 10 03.314  | -00 27 10.59    | 29.053407               | 0.30  | 1.18  | 15 15                          | 21 16                          | 3 20                           |
| 31   |    | +7.7              | 00 09 58.556  | -00 27 40.06    | 29.063455               | 0.30  | 1.17  | 15 11                          | 21 12                          | 3 16                           |
| 11 1 |    | +7.7              | 00 09 53.873  | -00 28 09.00    | 29.073751               | 0.30  | 1.17  | 15 7                           | 21 8                           | 3 12                           |
| 2    |    | +7.7              | 00 09 49.265  | -00 28 37.41    | 29.084292               | 0.30  | 1.17  | 15 3                           | 21 4                           | 3 8                            |
| 3    |    | +7.7              | 00 09 44.734  | -00 29 05.27    | 29.095077               | 0.30  | 1.17  | 14 59                          | 21 0                           | 3 4                            |
| 4    |    | +7.7              | 00 09 40.283  | -00 29 32.58    | 29.106101               | 0.30  | 1.17  | 14 55                          | 20 56                          | 3 0                            |
| 5    |    | +7.7              | 00 09 35.913  | -00 29 59.31    | 29.117362               | 0.30  | 1.17  | 14 51                          | 20 52                          | 2 56                           |
| 6    |    | +7.7              | 00 09 31.630  | -00 30 25.43    | 29.128856               | 0.30  | 1.17  | 14 47                          | 20 48                          | 2 52                           |
| 7    |    | +7.7              | 00 09 27.437  | -00 30 50.93    | 29.140579               | 0.30  | 1.17  | 14 43                          | 20 44                          | 2 48                           |
| 8    |    | +7.7              | 00 09 23.335  | -00 31 15.79    | 29.152528               | 0.30  | 1.17  | 14 39                          | 20 40                          | 2 44                           |
| 9    |    | +7.7              | 00 09 19.329  | -00 31 39.99    | 29.164699               | 0.30  | 1.17  | 14 35                          | 20 36                          | 2 40                           |
| 10   |    | +7.7              | 00 09 15.420  | -00 32 03.52    | 29.177088               | 0.30  | 1.17  | 14 31                          | 20 32                          | 2 36                           |
| 11   |    | +7.7              | 00 09 11.609  | -00 32 26.37    | 29.189691               | 0.30  | 1.17  | 14 27                          | 20 28                          | 2 32                           |
| 12   |    | +7.7              | 00 09 07.898  | -00 32 48.54    | 29.202503               | 0.30  | 1.17  | 14 23                          | 20 24                          | 2 28                           |
| 13   |    | +7.7              | 00 09 04.286  | -00 33 10.02    | 29.215521               | 0.30  | 1.17  | 14 19                          | 20 20                          | 2 24                           |
| 14   |    | +7.7              | 00 09 00.774  | -00 33 30.80    | 29.228740               | 0.30  | 1.17  | 14 15                          | 20 16                          | 2 20                           |
| 15   |    | +7.7              | 00 08 57.364  | -00 33 50.90    | 29.242155               | 0.30  | 1.17  | 14 11                          | 20 12                          | 2 16                           |
| 16   |    | +7.7              | 00 08 54.056  | -00 34 10.30    | 29.255763               | 0.30  | 1.17  | 14 7                           | 20 8                           | 2 12                           |
| 17   |    | +7.7              | 00 08 50.850  | -00 34 28.99    | 29.269558               | 0.30  | 1.17  | 14 4                           | 20 4                           | 2 8                            |
| 18   |    | +7.7              | 00 08 47.748  | -00 34 46.98    | 29.283536               | 0.30  | 1.17  | 14 0                           | 20 0                           | 2 4                            |

海 王 星 令和 8 年 2026

| 月 日   | 状況 | 真春分点にもとづく座標系      |   |                 | 地球時 0 <sup>h</sup>      |       |       | 東京, 中央標準時                      |                                |                               |
|-------|----|-------------------|---|-----------------|-------------------------|-------|-------|--------------------------------|--------------------------------|-------------------------------|
|       |    | 等級                | 視赤経   | 視赤緯             | 距離                      | 視差    | 視半径   | 出                              | 南中                             | 入                             |
| 11 18 |    | +7.7 <sup>等</sup> | 00 <sup>h</sup> 08 <sup>m</sup> 47.748 <sup>s</sup> | -00° 34' 46.98" | 29.283536 <sup>au</sup> | 0.30" | 1.17" | 14 <sup>h</sup> 0 <sup>m</sup> | 20 <sup>h</sup> 0 <sup>m</sup> | 2 <sup>h</sup> 4 <sup>m</sup> |
| 19    |    | +7.7              | 00 08 44.751  | -00 35 04.26    | 29.297692               | 0.30  | 1.17  | 13 56                          | 19 56                          | 2 0                           |
| 20    |    | +7.7              | 00 08 41.862  | -00 35 20.80    | 29.312023               | 0.30  | 1.16  | 13 52                          | 19 52                          | 1 56                          |
| 21    |    | +7.7              | 00 08 39.083  | -00 35 36.60    | 29.326522               | 0.30  | 1.16  | 13 48                          | 19 48                          | 1 52                          |
| 22    |    | +7.7              | 00 08 36.416  | -00 35 51.65    | 29.341186               | 0.30  | 1.16  | 13 44                          | 19 44                          | 1 48                          |
| 23    |    | +7.7              | 00 08 33.865  | -00 36 05.91    | 29.356010               | 0.30  | 1.16  | 13 40                          | 19 40                          | 1 44                          |
| 24    |    | +7.7              | 00 08 31.431  | -00 36 19.39    | 29.370990               | 0.30  | 1.16  | 13 36                          | 19 36                          | 1 40                          |
| 25    |    | +7.7              | 00 08 29.116  | -00 36 32.08    | 29.386121               | 0.30  | 1.16  | 13 32                          | 19 32                          | 1 36                          |
| 26    |    | +7.7              | 00 08 26.918  | -00 36 43.97    | 29.401399               | 0.30  | 1.16  | 13 28                          | 19 28                          | 1 32                          |
| 27    |    | +7.7              | 00 08 24.838  | -00 36 55.08    | 29.416819               | 0.30  | 1.16  | 13 24                          | 19 24                          | 1 28                          |
| 28    |    | +7.7              | 00 08 22.872  | -00 37 05.42    | 29.432378               | 0.30  | 1.16  | 13 20                          | 19 20                          | 1 24                          |
| 29    |    | +7.7              | 00 08 21.020  | -00 37 14.99    | 29.448070               | 0.30  | 1.16  | 13 16                          | 19 16                          | 1 20                          |
| 30    |    | +7.7              | 00 08 19.283  | -00 37 23.80    | 29.463892               | 0.30  | 1.16  | 13 12                          | 19 12                          | 1 16                          |
| 12 1  |    | +7.7              | 00 08 17.661  | -00 37 31.84    | 29.479838               | 0.30  | 1.16  | 13 8                           | 19 8                           | 1 12                          |
| 2     |    | +7.7              | 00 08 16.158  | -00 37 39.09    | 29.495904               | 0.30  | 1.16  | 13 4                           | 19 4                           | 1 8                           |
| 3     |    | +7.7              | 00 08 14.775  | -00 37 45.54    | 29.512085               | 0.30  | 1.16  | 13 0                           | 19 0                           | 1 4                           |
| 4     |    | +7.7              | 00 08 13.515  | -00 37 51.17    | 29.528376               | 0.30  | 1.16  | 12 56                          | 18 56                          | 1 0                           |
| 5     |    | +7.7              | 00 08 12.380  | -00 37 55.97    | 29.544771               | 0.30  | 1.16  | 12 52                          | 18 52                          | 0 56                          |
| 6     |    | +7.7              | 00 08 11.371  | -00 37 59.94    | 29.561266               | 0.30  | 1.16  | 12 48                          | 18 48                          | 0 52                          |
| 7     |    | +7.7              | 00 08 10.490  | -00 38 03.06    | 29.577854               | 0.30  | 1.15  | 12 44                          | 18 44                          | 0 48                          |
| 8     |    | +7.7              | 00 08 09.737  | -00 38 05.33    | 29.594531               | 0.30  | 1.15  | 12 40                          | 18 41                          | 0 45                          |
| 9     |    | +7.7              | 00 08 09.111  | -00 38 06.76    | 29.611291               | 0.30  | 1.15  | 12 37                          | 18 37                          | 0 41                          |
| 10    |    | +7.7              | 00 08 08.613  | -00 38 07.35    | 29.628128               | 0.30  | 1.15  | 12 33                          | 18 33                          | 0 37                          |
| 11    |    | +7.7              | 00 08 08.242  | -00 38 07.10    | 29.645038               | 0.30  | 1.15  | 12 29                          | 18 29                          | 0 33                          |
| 12    |    | +7.7              | 00 08 07.997  | -00 38 06.02    | 29.662013               | 0.30  | 1.15  | 12 25                          | 18 25                          | 0 29                          |
| 13    | 留  | +7.7              | 00 08 07.878  | -00 38 04.12    | 29.679050               | 0.30  | 1.15  | 12 21                          | 18 21                          | 0 25                          |
| 14    |    | +7.7              | 00 08 07.884  | -00 38 01.39    | 29.696142               | 0.30  | 1.15  | 12 17                          | 18 17                          | 0 21                          |
| 15    |    | +7.7              | 00 08 08.016  | -00 37 57.84    | 29.713283               | 0.30  | 1.15  | 12 13                          | 18 13                          | 0 17                          |
| 16    |    | +7.7              | 00 08 08.273  | -00 37 53.46    | 29.730468               | 0.30  | 1.15  | 12 9                           | 18 9                           | 0 13                          |
| 17    |    | +7.7              | 00 08 08.658  | -00 37 48.26    | 29.747692               | 0.30  | 1.15  | 12 5                           | 18 5                           | 0 9                           |
| 18    |    | +7.7              | 00 08 09.169  | -00 37 42.23    | 29.764949               | 0.30  | 1.15  | 12 1                           | 18 1                           | 0 5                           |
| 19    |    | +7.7              | 00 08 09.810  | -00 37 35.36    | 29.782234               | 0.30  | 1.15  | 11 57                          | 17 57                          | 0 1*                          |
| 20    |    | +7.7              | 00 08 10.581  | -00 37 27.64    | 29.799541               | 0.30  | 1.15  | 11 53                          | 17 53                          | 23 53                         |
| 21    |    | +7.7              | 00 08 11.484  | -00 37 19.07    | 29.816865               | 0.29  | 1.15  | 11 49                          | 17 49                          | 23 50                         |
| 22    |    | +7.8              | 00 08 12.519  | -00 37 09.64    | 29.834202               | 0.29  | 1.14  | 11 45                          | 17 46                          | 23 46                         |
| 23    |    | +7.8              | 00 08 13.685  | -00 36 59.36    | 29.851545               | 0.29  | 1.14  | 11 41                          | 17 42                          | 23 42                         |
| 24    |    | +7.8              | 00 08 14.980  | -00 36 48.24    | 29.868890               | 0.29  | 1.14  | 11 38                          | 17 38                          | 23 38                         |
| 25    |    | +7.8              | 00 08 16.402  | -00 36 36.31    | 29.886233               | 0.29  | 1.14  | 11 34                          | 17 34                          | 23 34                         |
| 26    |    | +7.8              | 00 08 17.948  | -00 36 23.57    | 29.903568               | 0.29  | 1.14  | 11 30                          | 17 30                          | 23 30                         |
| 27    |    | +7.8              | 00 08 19.615  | -00 36 10.05    | 29.920890               | 0.29  | 1.14  | 11 26                          | 17 26                          | 23 26                         |
| 28    |    | +7.8              | 00 08 21.404  | -00 35 55.74    | 29.938196               | 0.29  | 1.14  | 11 22                          | 17 22                          | 23 22                         |
| 29    |    | +7.8              | 00 08 23.316  | -00 35 40.65    | 29.955478               | 0.29  | 1.14  | 11 18                          | 17 18                          | 23 18                         |
| 30    |    | +7.8              | 00 08 25.352  | -00 35 24.75    | 29.972733               | 0.29  | 1.14  | 11 14                          | 17 14                          | 23 15                         |
| 31    |    | +7.8              | 00 08 27.514  | -00 35 08.05    | 29.989956               | 0.29  | 1.14  | 11 10                          | 17 10                          | 23 11                         |
| 32    |    | +7.8              | 00 08 29.802  | -00 34 50.53    | 30.007140               | 0.29  | 1.14  | 11 6                           | 17 7                           | 23 7                          |
| 33    |    | +7.8              | 00 08 32.218  | -00 34 32.20    | 30.024281               | 0.29  | 1.14  | 11 2                           | 17 3                           | 23 3                          |
| 34    |    | +7.8              | 00 08 34.761  | -00 34 13.05    | 30.041372               | 0.29  | 1.14  | 10 58                          | 16 59                          | 22 59                         |

\* 23:57 にもう一度入となる。

地球時 0<sup>h</sup> における位置を示す．距離は地球から天文単位で測ってある．名前に続く数字は黄経の衝の日付（中央標準時）と実視等級である．年内に衝とならない場合，( ) 内に前後の衝を記載している．

| 冥王星 衝 7 月 27 日 +15.0 <sup>等</sup> |       |         |                                   |          |                  |
|-----------------------------------|-------|---------|-----------------------------------|----------|------------------|
| 月                                 | 日     | 等級      | 赤経*                               | 赤緯*      | 距離 <sup>au</sup> |
| 1                                 | 0     | +15.2   | 20 <sup>h</sup> 22.1 <sup>m</sup> | -23° 18' | 36.321           |
|                                   | 20    | +15.1   | 20 24.8                           | -23 11   | 36.415           |
| 2                                 | 9     | +15.1   | 20 27.5                           | -23 04   | 36.392           |
|                                   | 3     | 1       | +15.2                             | 20 30.0  | -22 58           |
| 21                                |       | +15.2   | 20 32.0                           | -22 54   | 36.031           |
| 4                                 | 10    | +15.2   | 20 33.5                           | -22 52   | 35.739           |
|                                   | 30    | +15.2   | 20 34.2                           | -22 54   | 35.416           |
| 5                                 | 20    | +15.2   | 20 34.1                           | -22 58   | 35.102           |
|                                   | 6     | 9       | +15.1                             | 20 33.3  | -23 05           |
| 29                                |       | +15.1   | 20 31.9                           | -23 13   | 34.644           |
| 7                                 | 19    | +15.0   | 20 30.1                           | -23 22   | 34.555           |
|                                   | 8     | 8       | +15.0                             | 20 28.1  | -23 30           |
| 28                                |       | +15.1   | 20 26.3                           | -23 37   | 34.721           |
| 9                                 | 17    | +15.2   | 20 25.0                           | -23 42   | 34.959           |
|                                   | 10    | 7       | +15.2                             | 20 24.2  | -23 43           |
| 27                                |       | +15.2   | 20 24.3                           | -23 43   | 35.623           |
| 11                                | 16    | +15.2   | 20 25.1                           | -23 39   | 35.973           |
|                                   | 12    | 6       | +15.2                             | 20 26.7  | -23 33           |
| 26                                |       | +15.2   | 20 28.8                           | -23 26   | 36.516           |
| 46                                | +15.2 | 20 31.4 | -23 18                            | 36.649   |                  |

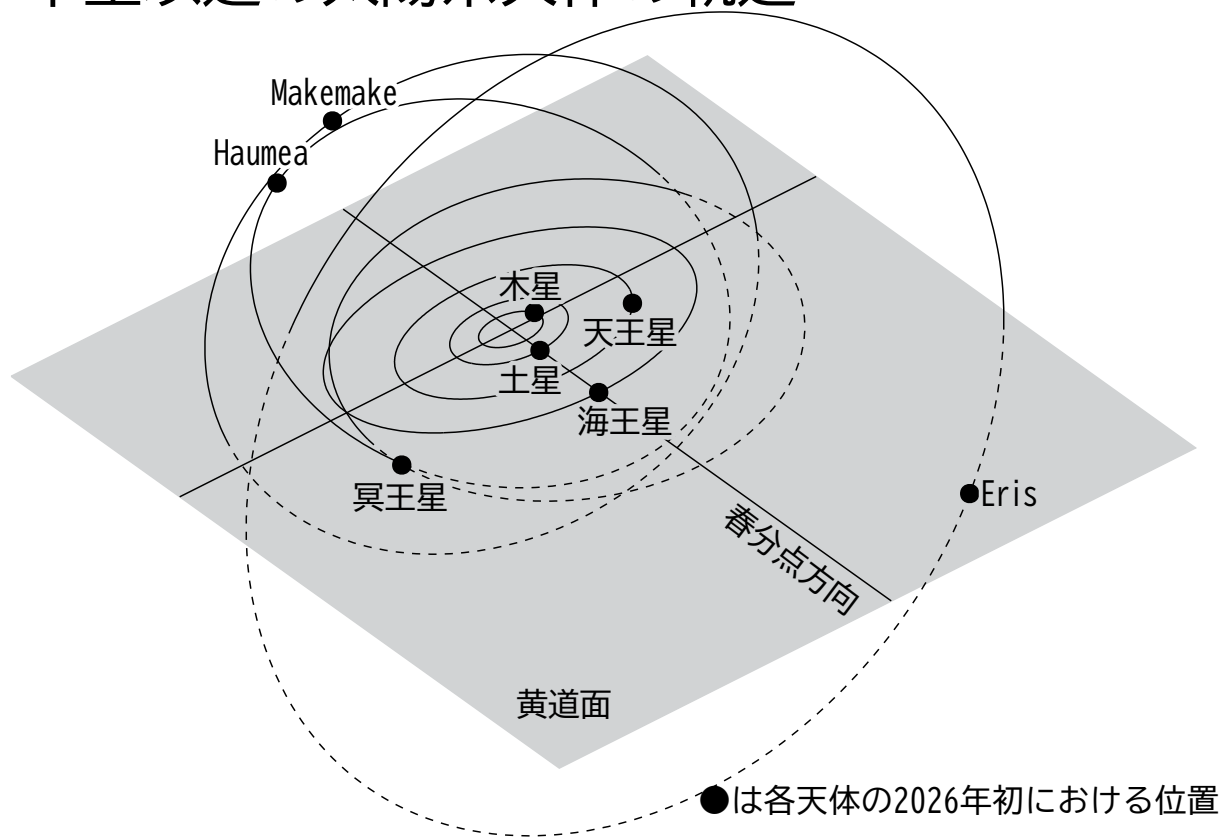
| Eris 衝 10 月 19 日 +18.6 <sup>等</sup> |       |         |                                   |          |                  |
|-------------------------------------|-------|---------|-----------------------------------|----------|------------------|
| 月                                   | 日     | 等級      | 赤経*                               | 赤緯*      | 距離 <sup>au</sup> |
| 1                                   | 0     | +18.7   | 01 <sup>h</sup> 45.4 <sup>m</sup> | -00° 27' | 95.269           |
|                                     | 20    | +18.7   | 01 45.3                           | -00 24   | 95.605           |
| 2                                   | 9     | +18.7   | 01 45.5                           | -00 20   | 95.930           |
|                                     | 3     | 1       | +18.7                             | 01 45.9  | -00 15           |
| 21                                  |       | +18.7   | 01 46.5                           | -00 09   | 96.395           |
| 4                                   | 10    | +18.6   | 01 47.2                           | -00 04   | 96.482           |
|                                     | 30    | +18.6   | 01 48.0                           | +00 01   | 96.456           |
| 5                                   | 20    | +18.7   | 01 48.8                           | +00 05   | 96.320           |
|                                     | 6     | 9       | +18.7                             | 01 49.4  | +00 08           |
| 29                                  |       | +18.7   | 01 49.8                           | +00 09   | 95.796           |
| 7                                   | 19    | +18.7   | 01 50.0                           | +00 09   | 95.464           |
|                                     | 8     | 8       | +18.7                             | 01 50.0  | +00 07           |
| 28                                  |       | +18.7   | 01 49.7                           | +00 04   | 94.840           |
| 9                                   | 17    | +18.6   | 01 49.1                           | -00 00   | 94.618           |
|                                     | 10    | 7       | +18.6                             | 01 48.5  | -00 04           |
| 27                                  |       | +18.6   | 01 47.7                           | -00 08   | 94.484           |
| 11                                  | 16    | +18.6   | 01 47.0                           | -00 11   | 94.591           |
|                                     | 12    | 6       | +18.6                             | 01 46.4  | -00 12           |
| 26                                  |       | +18.7   | 01 46.0                           | -00 11   | 95.091           |
| 46                                  | +18.7 | 01 45.8 | -00 09                            | 95.422   |                  |

| Makemake 衝 4 月 1 日 +17.1 <sup>等</sup> |       |         |                                   |          |                  |
|---------------------------------------|-------|---------|-----------------------------------|----------|------------------|
| 月                                     | 日     | 等級      | 赤経*                               | 赤緯*      | 距離 <sup>au</sup> |
| 1                                     | 0     | +17.2   | 13 <sup>h</sup> 29.2 <sup>m</sup> | +20° 08' | 52.759           |
|                                       | 20    | +17.1   | 13 29.5                           | +20 17   | 52.454           |
| 2                                     | 9     | +17.1   | 13 29.3                           | +20 28   | 52.181           |
|                                       | 3     | 1       | +17.1                             | 13 28.6  | +20 40           |
| 21                                    |       | +17.1   | 13 27.5                           | +20 51   | 51.858           |
| 4                                     | 10    | +17.1   | 13 26.2                           | +20 59   | 51.846           |
|                                       | 30    | +17.1   | 13 24.9                           | +21 04   | 51.938           |
| 5                                     | 20    | +17.1   | 13 23.7                           | +21 04   | 52.122           |
|                                       | 6     | 9       | +17.1                             | 13 22.8  | +20 59           |
| 29                                    |       | +17.2   | 13 22.4                           | +20 51   | 52.666           |
| 7                                     | 19    | +17.2   | 13 22.4                           | +20 39   | 52.964           |
|                                       | 8     | 8       | +17.2                             | 13 22.9  | +20 26           |
| 28                                    |       | +17.2   | 13 23.8                           | +20 11   | 53.452           |
| 9                                     | 17    | +17.1   | 13 25.1                           | +19 58   | 53.587           |
|                                       | 10    | 7       | +17.1                             | 13 26.7  | +19 46           |
| 27                                    |       | +17.1   | 13 28.3                           | +19 37   | 53.563           |
| 11                                    | 16    | +17.2   | 13 29.8                           | +19 33   | 53.403           |
|                                       | 12    | 6       | +17.2                             | 13 31.1  | +19 32           |
| 26                                    |       | +17.2   | 13 32.0                           | +19 37   | 52.873           |
| 46                                    | +17.1 | 13 32.5 | +19 44                            | 52.565   |                  |

| Haumea 衝 4 月 23 日 +17.2 <sup>等</sup> |       |         |                                   |          |                  |
|--------------------------------------|-------|---------|-----------------------------------|----------|------------------|
| 月                                    | 日     | 等級      | 赤経*                               | 赤緯*      | 距離 <sup>au</sup> |
| 1                                    | 0     | +17.3   | 14 <sup>h</sup> 43.5 <sup>m</sup> | +13° 38' | 50.178           |
|                                      | 20    | +17.3   | 14 44.4                           | +13 45   | 49.877           |
| 2                                    | 9     | +17.3   | 14 44.7                           | +13 56   | 49.568           |
|                                      | 3     | 1       | +17.3                             | 14 44.5  | +14 08           |
| 21                                   |       | +17.2   | 14 43.7                           | +14 20   | 49.072           |
| 4                                    | 10    | +17.2   | 14 42.6                           | +14 31   | 48.943           |
|                                      | 30    | +17.2   | 14 41.3                           | +14 39   | 48.916           |
| 5                                    | 20    | +17.2   | 14 40.0                           | +14 43   | 48.990           |
|                                      | 6     | 9       | +17.3                             | 14 38.8  | +14 42           |
| 29                                   |       | +17.3   | 14 37.9                           | +14 37   | 49.394           |
| 7                                    | 19    | +17.3   | 14 37.4                           | +14 28   | 49.674           |
|                                      | 8     | 8       | +17.3                             | 14 37.4  | +14 17           |
| 28                                   |       | +17.3   | 14 38.0                           | +14 03   | 50.232           |
| 9                                    | 17    | +17.3   | 14 39.0                           | +13 49   | 50.447           |
|                                      | 10    | 7       | +17.3                             | 14 40.4  | +13 36           |
| 27                                   |       | +17.3   | 14 42.0                           | +13 25   | 50.626           |
| 11                                   | 16    | +17.3   | 14 43.8                           | +13 18   | 50.565           |
|                                      | 12    | 6       | +17.3                             | 14 45.4  | +13 16           |
| 26                                   |       | +17.3   | 14 46.8                           | +13 17   | 50.169           |
| 46                                   | +17.3 | 14 47.8 | +13 23                            | 49.878   |                  |

\* 国際天文基準座標系における天文測定位置．

# 木星以遠の太陽系天体の軌道



地球時 0<sup>h</sup> における位置を示す．距離は地球から天文単位で測ってある．名前に続く数字は黄経の衝の日付（中央標準時）と実視等級である．年内に衝とならない場合，（ ）内に前後の衝を記載している．

| Ceres 衝 (2025 年 10 月 2027 年 1 月) |    |       |         |        | Pallas 衝 10 月 7 日 +8.2 等 |           |    |       |         |        |       |
|----------------------------------|----|-------|---------|--------|--------------------------|-----------|----|-------|---------|--------|-------|
| 月                                | 日  | 等級    | 赤経*     | 赤緯*    | 距離                       | 月         | 日  | 等級    | 赤経*     | 赤緯*    | 距離    |
|                                  |    | 等     | h m     | ° ′    | au                       |           |    | 等     | h m     | ° ′    | au    |
| <b>1</b>                         | 0  | + 8.8 | 00 38.0 | -05 39 | 2.761                    | <b>1</b>  | 0  | +10.4 | 21 23.4 | -04 02 | 3.945 |
|                                  | 10 | + 8.9 | 00 45.3 | -04 10 | 2.893                    |           | 10 | +10.4 | 21 35.8 | -03 58 | 4.031 |
|                                  | 20 | + 9.0 | 00 53.9 | -02 36 | 3.022                    |           | 20 | +10.3 | 21 48.5 | -03 45 | 4.102 |
|                                  | 30 | + 9.1 | 01 03.7 | -00 59 | 3.145                    |           | 30 | +10.3 | 22 01.5 | -03 24 | 4.156 |
| <b>2</b>                         | 9  | + 9.1 | 01 14.6 | +00 41 | 3.261                    | <b>2</b>  | 9  | +10.2 | 22 14.6 | -02 57 | 4.193 |
|                                  | 19 | + 9.1 | 01 26.3 | +02 21 | 3.367                    |           | 19 | +10.1 | 22 27.9 | -02 25 | 4.213 |
| <b>3</b>                         | 1  | + 9.1 | 01 38.8 | +04 02 | 3.464                    | <b>3</b>  | 1  | +10.0 | 22 41.2 | -01 49 | 4.215 |
|                                  | 11 | + 9.1 | 01 52.0 | +05 42 | 3.550                    |           | 11 | +10.0 | 22 54.6 | -01 09 | 4.198 |
|                                  | 21 | + 9.1 | 02 05.8 | +07 20 | 3.623                    |           | 21 | +10.1 | 23 07.9 | -00 28 | 4.164 |
|                                  | 31 | + 9.0 | 02 20.1 | +08 56 | 3.684                    |           | 31 | +10.2 | 23 21.1 | +00 13 | 4.113 |
| <b>4</b>                         | 10 | + 9.0 | 02 34.9 | +10 30 | 3.732                    | <b>4</b>  | 10 | +10.2 | 23 34.2 | +00 55 | 4.045 |
|                                  | 20 | + 8.9 | 02 50.1 | +11 59 | 3.767                    |           | 20 | +10.2 | 23 47.1 | +01 35 | 3.961 |
|                                  | 30 | + 8.8 | 03 05.6 | +13 24 | 3.788                    |           | 30 | +10.2 | 23 59.8 | +02 12 | 3.862 |
| <b>5</b>                         | 10 | + 8.7 | 03 21.6 | +14 44 | 3.796                    | <b>5</b>  | 10 | +10.2 | 00 12.2 | +02 45 | 3.749 |
|                                  | 20 | + 8.7 | 03 37.8 | +15 59 | 3.790                    |           | 20 | +10.2 | 00 24.2 | +03 13 | 3.624 |
|                                  | 30 | + 8.8 | 03 54.2 | +17 08 | 3.772                    |           | 30 | +10.1 | 00 35.9 | +03 34 | 3.487 |
| <b>6</b>                         | 9  | + 8.8 | 04 10.9 | +18 11 | 3.740                    | <b>6</b>  | 9  | +10.1 | 00 47.0 | +03 46 | 3.342 |
|                                  | 19 | + 8.9 | 04 27.6 | +19 07 | 3.696                    |           | 19 | +10.0 | 00 57.6 | +03 48 | 3.189 |
|                                  | 29 | + 8.9 | 04 44.5 | +19 56 | 3.640                    |           | 29 | + 9.9 | 01 07.3 | +03 39 | 3.031 |
| <b>7</b>                         | 9  | + 9.0 | 05 01.3 | +20 39 | 3.571                    | <b>7</b>  | 9  | + 9.8 | 01 16.2 | +03 15 | 2.870 |
|                                  | 19 | + 9.0 | 05 18.1 | +21 16 | 3.492                    |           | 19 | + 9.6 | 01 24.0 | +02 34 | 2.709 |
|                                  | 29 | + 9.0 | 05 34.7 | +21 46 | 3.402                    |           | 29 | + 9.5 | 01 30.4 | +01 36 | 2.550 |
| <b>8</b>                         | 8  | + 9.0 | 05 51.0 | +22 10 | 3.301                    | <b>8</b>  | 8  | + 9.3 | 01 35.3 | +00 16 | 2.398 |
|                                  | 18 | + 8.9 | 06 06.9 | +22 28 | 3.192                    |           | 18 | + 9.1 | 01 38.3 | -01 26 | 2.257 |
|                                  | 28 | + 8.9 | 06 22.3 | +22 42 | 3.074                    |           | 28 | + 8.9 | 01 39.3 | -03 30 | 2.129 |
| <b>9</b>                         | 7  | + 8.8 | 06 37.0 | +22 53 | 2.949                    | <b>9</b>  | 7  | + 8.7 | 01 38.1 | -05 55 | 2.021 |
|                                  | 17 | + 8.8 | 06 50.9 | +23 02 | 2.818                    |           | 17 | + 8.5 | 01 34.6 | -08 36 | 1.937 |
|                                  | 27 | + 8.7 | 07 03.7 | +23 09 | 2.682                    |           | 27 | + 8.3 | 01 29.1 | -11 24 | 1.879 |
| <b>10</b>                        | 7  | + 8.6 | 07 15.4 | +23 19 | 2.543                    | <b>10</b> | 7  | + 8.2 | 01 22.1 | -14 09 | 1.850 |
|                                  | 17 | + 8.4 | 07 25.5 | +23 31 | 2.403                    |           | 17 | + 8.3 | 01 14.3 | -16 38 | 1.851 |
|                                  | 27 | + 8.3 | 07 33.8 | +23 49 | 2.265                    |           | 27 | + 8.4 | 01 06.6 | -18 41 | 1.880 |
| <b>11</b>                        | 6  | + 8.1 | 07 40.0 | +24 14 | 2.131                    | <b>11</b> | 6  | + 8.5 | 01 00.0 | -20 12 | 1.933 |
|                                  | 16 | + 7.9 | 07 43.7 | +24 49 | 2.005                    |           | 16 | + 8.7 | 00 55.2 | -21 09 | 2.006 |
|                                  | 26 | + 7.7 | 07 44.7 | +25 34 | 1.890                    |           | 26 | + 8.8 | 00 52.6 | -21 35 | 2.094 |
| <b>12</b>                        | 6  | + 7.5 | 07 42.7 | +26 30 | 1.791                    | <b>12</b> | 6  | + 9.0 | 00 52.5 | -21 33 | 2.192 |
|                                  | 16 | + 7.3 | 07 37.6 | +27 33 | 1.712                    |           | 16 | + 9.1 | 00 54.8 | -21 09 | 2.295 |
|                                  | 26 | + 7.0 | 07 29.8 | +28 39 | 1.657                    |           | 26 | + 9.2 | 00 59.5 | -20 26 | 2.400 |
|                                  | 36 | + 6.8 | 07 20.2 | +29 43 | 1.629                    |           | 36 | + 9.2 | 01 06.2 | -19 29 | 2.503 |

\* 国際天文基準座標系における天文測定位置．



## Juno, Vesta

令和 8 年

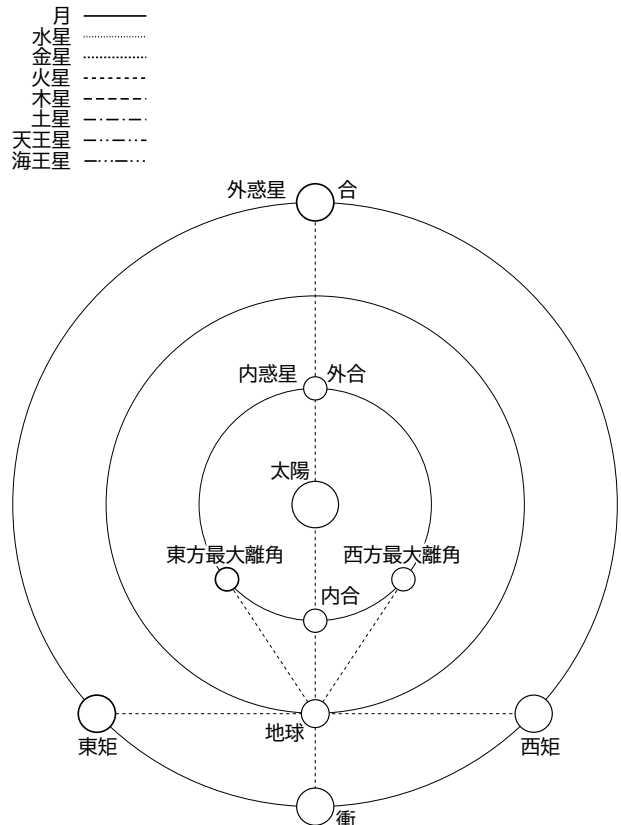
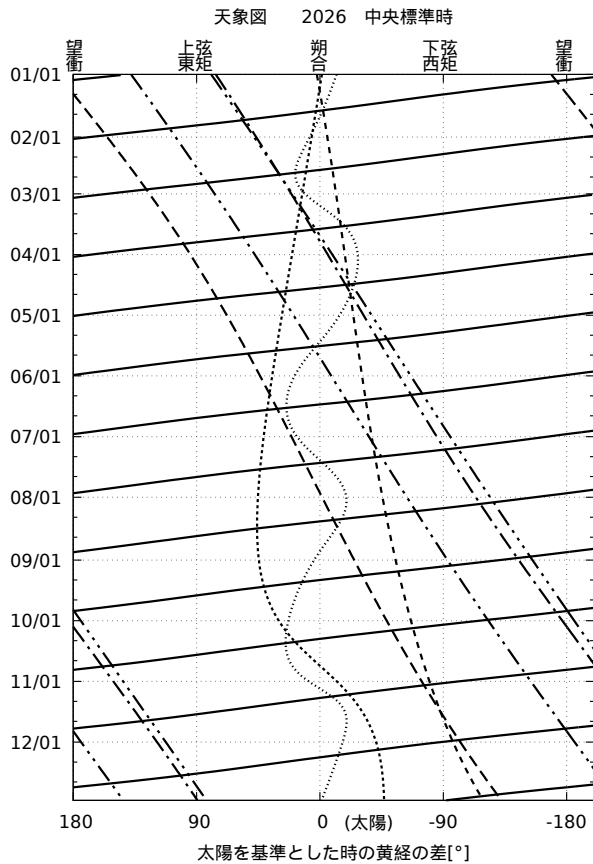
2026

地球時 0<sup>h</sup> における位置を示す．距離は地球から天文単位で測ってある．名前に続く数字は黄経の衝の日付（中央標準時）と実視等級である．年内に衝とならない場合，( ) 内に前後の衝を記載している．

| Juno 衝 7 月 27 日 +9.1 等 |    |       |     |      | Vesta 衝 10 月 13 日 +6.5 等 |    |       |           |     |       |    |      |     |    |       |
|------------------------|----|-------|-----|------|--------------------------|----|-------|-----------|-----|-------|----|------|-----|----|-------|
| 月                      | 日  | 等級    | 赤経* | 赤緯*  | 距離                       | 月  | 日     | 等級        | 赤経* | 赤緯*   | 距離 |      |     |    |       |
| 月                      | 日  | 等     | h   | m    | °                        | '  | au    | 月         | 日   | 等     | h  | m    | °   | '  | au    |
| <b>1</b>               | 0  | +11.2 | 18  | 00.6 | -13                      | 32 | 4.160 | <b>1</b>  | 0   | + 7.9 | 19 | 42.0 | -22 | 47 | 3.141 |
|                        | 10 | +11.2 | 18  | 15.2 | -13                      | 27 | 4.115 |           | 10  | + 7.9 | 20 | 04.6 | -22 | 02 | 3.173 |
|                        | 20 | +11.3 | 18  | 29.6 | -13                      | 15 | 4.054 |           | 20  | + 7.7 | 20 | 26.8 | -21 | 06 | 3.195 |
|                        | 30 | +11.3 | 18  | 43.9 | -12                      | 56 | 3.978 |           | 30  | + 7.7 | 20 | 48.7 | -20 | 00 | 3.208 |
| <b>2</b>               | 9  | +11.3 | 18  | 57.9 | -12                      | 31 | 3.886 | <b>2</b>  | 9   | + 7.8 | 21 | 10.2 | -18 | 47 | 3.211 |
|                        | 19 | +11.3 | 19  | 11.4 | -11                      | 59 | 3.782 |           | 19  | + 7.9 | 21 | 31.2 | -17 | 26 | 3.204 |
| <b>3</b>               | 1  | +11.3 | 19  | 24.5 | -11                      | 21 | 3.664 | <b>3</b>  | 1   | + 8.0 | 21 | 51.7 | -15 | 59 | 3.188 |
|                        | 11 | +11.2 | 19  | 36.9 | -10                      | 38 | 3.536 |           | 11  | + 8.1 | 22 | 11.7 | -14 | 28 | 3.162 |
|                        | 21 | +11.2 | 19  | 48.6 | -09                      | 51 | 3.398 |           | 21  | + 8.2 | 22 | 31.1 | -12 | 55 | 3.126 |
|                        | 31 | +11.1 | 19  | 59.4 | -09                      | 01 | 3.253 |           | 31  | + 8.2 | 22 | 50.1 | -11 | 19 | 3.081 |
| <b>4</b>               | 10 | +11.0 | 20  | 09.1 | -08                      | 09 | 3.102 | <b>4</b>  | 10  | + 8.3 | 23 | 08.5 | -09 | 44 | 3.027 |
|                        | 20 | +10.9 | 20  | 17.8 | -07                      | 17 | 2.947 |           | 20  | + 8.3 | 23 | 26.4 | -08 | 10 | 2.964 |
|                        | 30 | +10.8 | 20  | 25.0 | -06                      | 25 | 2.790 |           | 30  | + 8.3 | 23 | 43.7 | -06 | 38 | 2.893 |
| <b>5</b>               | 10 | +10.6 | 20  | 30.8 | -05                      | 36 | 2.634 | <b>5</b>  | 10  | + 8.3 | 00 | 00.5 | -05 | 10 | 2.814 |
|                        | 20 | +10.5 | 20  | 34.8 | -04                      | 51 | 2.482 |           | 20  | + 8.3 | 00 | 16.6 | -03 | 48 | 2.728 |
|                        | 30 | +10.3 | 20  | 36.8 | -04                      | 13 | 2.337 |           | 30  | + 8.3 | 00 | 32.1 | -02 | 31 | 2.635 |
| <b>6</b>               | 9  | +10.1 | 20  | 36.8 | -03                      | 46 | 2.202 | <b>6</b>  | 9   | + 8.2 | 00 | 46.8 | -01 | 22 | 2.536 |
|                        | 19 | + 9.9 | 20  | 34.5 | -03                      | 30 | 2.080 |           | 19  | + 8.2 | 01 | 00.7 | -00 | 22 | 2.433 |
|                        | 29 | + 9.7 | 20  | 30.0 | -03                      | 30 | 1.976 |           | 29  | + 8.1 | 01 | 13.5 | +00 | 29 | 2.325 |
| <b>7</b>               | 9  | + 9.4 | 20  | 23.6 | -03                      | 47 | 1.893 | <b>7</b>  | 9   | + 8.0 | 01 | 25.2 | +01 | 08 | 2.215 |
|                        | 19 | + 9.2 | 20  | 15.6 | -04                      | 21 | 1.834 |           | 19  | + 7.9 | 01 | 35.4 | +01 | 35 | 2.103 |
|                        | 29 | + 9.1 | 20  | 07.0 | -05                      | 11 | 1.801 |           | 29  | + 7.8 | 01 | 44.0 | +01 | 48 | 1.992 |
| <b>8</b>               | 8  | + 9.2 | 19  | 58.4 | -06                      | 15 | 1.795 | <b>8</b>  | 8   | + 7.6 | 01 | 50.5 | +01 | 46 | 1.884 |
|                        | 18 | + 9.3 | 19  | 51.0 | -07                      | 27 | 1.815 |           | 18  | + 7.5 | 01 | 54.8 | +01 | 30 | 1.782 |
|                        | 28 | + 9.5 | 19  | 45.3 | -08                      | 42 | 1.859 |           | 28  | + 7.3 | 01 | 56.4 | +00 | 59 | 1.688 |
| <b>9</b>               | 7  | + 9.6 | 19  | 42.1 | -09                      | 55 | 1.923 | <b>9</b>  | 7   | + 7.1 | 01 | 55.3 | +00 | 13 | 1.607 |
|                        | 17 | + 9.8 | 19  | 41.5 | -11                      | 03 | 2.002 |           | 17  | + 6.9 | 01 | 51.2 | -00 | 43 | 1.543 |
|                        | 27 | + 9.9 | 19  | 43.6 | -12                      | 03 | 2.094 |           | 27  | + 6.7 | 01 | 44.6 | -01 | 45 | 1.500 |
| <b>10</b>              | 7  | +10.0 | 19  | 48.2 | -12                      | 53 | 2.194 | <b>10</b> | 7   | + 6.5 | 01 | 36.0 | -02 | 47 | 1.481 |
|                        | 17 | +10.1 | 19  | 55.3 | -13                      | 32 | 2.298 |           | 17  | + 6.5 | 01 | 26.5 | -03 | 40 | 1.489 |
|                        | 27 | +10.2 | 20  | 04.4 | -13                      | 59 | 2.403 |           | 27  | + 6.7 | 01 | 17.3 | -04 | 17 | 1.523 |
| <b>11</b>              | 6  | +10.3 | 20  | 15.4 | -14                      | 14 | 2.507 | <b>11</b> | 6   | + 6.9 | 01 | 09.4 | -04 | 34 | 1.583 |
|                        | 16 | +10.3 | 20  | 28.0 | -14                      | 17 | 2.608 |           | 16  | + 7.2 | 01 | 03.6 | -04 | 30 | 1.666 |
|                        | 26 | +10.3 | 20  | 41.9 | -14                      | 08 | 2.704 |           | 26  | + 7.4 | 01 | 00.5 | -04 | 05 | 1.767 |
| <b>12</b>              | 6  | +10.4 | 20  | 57.0 | -13                      | 48 | 2.793 | <b>12</b> | 6   | + 7.6 | 01 | 00.0 | -03 | 22 | 1.883 |
|                        | 16 | +10.4 | 21  | 13.0 | -13                      | 16 | 2.875 |           | 16  | + 7.8 | 01 | 02.2 | -02 | 24 | 2.010 |
|                        | 26 | +10.3 | 21  | 29.9 | -12                      | 33 | 2.947 |           | 26  | + 8.0 | 01 | 06.6 | -01 | 15 | 2.143 |
|                        | 36 | +10.3 | 21  | 47.4 | -11                      | 40 | 3.010 |           | 36  | + 8.1 | 01 | 13.2 | +00 | 04 | 2.280 |

\* 国際天文基準座標系における天文測定位置．

| 中央標準時 |    |    | 現象  |       |        | 中央標準時 |    |    | 現象  |    |        |        |
|-------|----|----|-----|-------|--------|-------|----|----|-----|----|--------|--------|
| 月     | 日  | h  |     |       |        | 月     | 日  | h  |     |    |        |        |
| 1     | 4  | 2  | 地球  | 近日点通過 |        | 7     | 28 | 8  | 土星  | 留  |        |        |
|       | 7  | 2  | 金星  | 外合    |        |       | 29 | 21 | 木星  | 星  | 合      |        |
|       | 9  | 21 | 火星  | 合     |        |       | 8  | 2  | 17  | 水星 | 星      | 西方最大離角 |
|       | 10 | 18 | 木星  | 星     | 衝      |       |    | 15 | 15  | 金星 | 星      | 東方最大離角 |
|       | 22 | 1  | 水星  | 星     | 外合     |       |    | 28 | 2   | 水星 | 星      | 外合     |
| 2     | 4  | 14 | 天王星 | 星     | 留      | 9     | 11 | 3  | 天王星 | 星  | 留      |        |
|       | 20 | 3  | 水星  | 星     | 東方最大離角 |       | 19 | 10 | 金星  | 星  | 最大光度   |        |
|       | 26 | 2  | 水星  | 星     | 留      |       | 26 | 11 | 海王星 | 星  | 衝      |        |
| 3     | 7  | 20 | 水星  | 星     | 内合     | 10    | 2  | 23 | 金星  | 星  | 留      |        |
|       | 11 | 12 | 木星  | 星     | 留      |       | 4  | 21 | 土星  | 星  | 衝      |        |
|       | 20 | 5  | 水星  | 星     | 留      | 11    | 12 | 19 | 水星  | 星  | 東方最大離角 |        |
|       | 22 | 20 | 海王星 | 星     | 合      |       | 24 | 13 | 金星  | 星  | 内合     |        |
|       | 25 | 18 | 土星  | 星     | 合      |       | 24 | 21 | 水星  | 星  | 留      |        |
| 4     | 4  | 7  | 水星  | 星     | 西方最大離角 | 12    | 4  | 23 | 水星  | 星  | 内合     |        |
| 5     | 14 | 23 | 水星  | 星     | 外合     |       | 12 | 0  | 金星  | 星  | 留      |        |
| 6     | 22 | 23 | 天王星 | 星     | 合      | 13    | 13 | 18 | 水星  | 星  | 留      |        |
|       | 16 | 5  | 水星  | 星     | 東方最大離角 |       | 21 | 8  | 水星  | 星  | 西方最大離角 |        |
|       | 29 | 11 | 水星  | 星     | 留      |       | 26 | 8  | 天王星 | 星  | 衝      |        |
| 7     | 7  | 3  | 地球  | 遠日点通過 |        | 12    | 30 | 4  | 金星  | 星  | 最大光度   |        |
|       | 8  | 13 | 海王星 | 星     | 留      |       | 12 | 12 | 8   | 土星 | 星      | 留      |
| 13    | 10 |    | 水星  | 星     | 内合     | 13    | 20 |    | 海王星 | 星  | 留      |        |
|       | 24 | 2  | 水星  | 星     | 留      |       | 21 |    | 木星  | 星  | 留      |        |



# 日 食 令和 8 年 2026

本年は日食が2回あるが、いずれも日本では見られない。

## 1. 金環日食 2月17日

イ. 要素 視赤経の合 2月17日 20<sup>h</sup>18<sup>m</sup>49<sup>s</sup> (中央標準時)

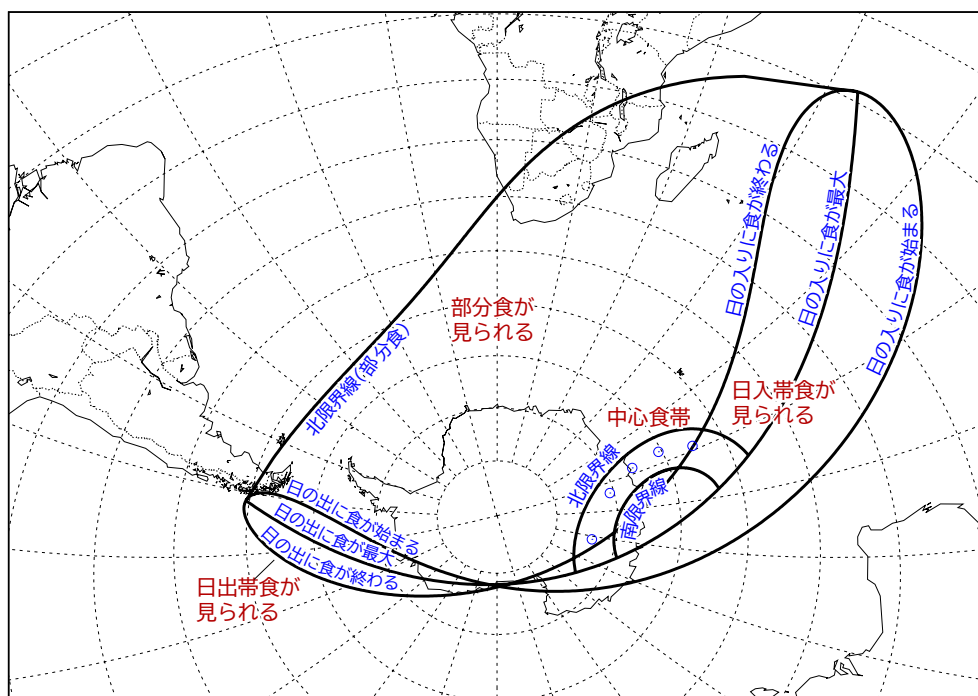
| 名 称   | 太 陽  | 毎時変化                | 月  | 毎時変化                 |
|-------|--|---------------------|--|----------------------|
| 視 赤 経 | 22 <sup>h</sup> 03 <sup>m</sup> 45.71 <sup>s</sup> | + 9.67 <sup>s</sup> | 22 <sup>h</sup> 03 <sup>m</sup> 45.71 <sup>s</sup> | +122.33 <sup>s</sup> |
| 視 赤 緯 | -11° 53' 28.9"                                     | + 52.7"             | -12° 55' 07.8"                                     | +854.3"              |
| 視 差   | 88.9   |                     | 57 00.8  |                      |
| 視 半 径 | 16 11.1  |                     | 15 32.1  |                      |

### ロ. 状 況

| 名 称     | 中央標準時              | 経 度        | 緯 度       |
|---------|--------------------|------------|-----------|
| 食 の 始 め | 2月 17日 18時 56分 26秒 | 79° 25' W  | 62° 24' S |
| 中心食の始め  | 2月 17日 20時 48分 20秒 | 136° 35' E | 71° 56' S |
| 食 の 最 大 | 2月 17日 21時 11分 56秒 | 86° 47' E  | 64° 43' S |
| 中心食の終り  | 2月 17日 21時 36分 5秒  | 99° 03' E  | 50° 08' S |
| 食 の 終 り | 2月 17日 23時 27分 41秒 | 59° 14' E  | 12° 30' S |
|         |                    | 食の最大における食分 | 0.982     |

この日食は一般に南極大陸（一部を除く）、南アメリカ大陸南端、アフリカ大陸南端などで見られる（右図）。

日本では見られない。



2. 皆既日食 8月13日

イ. 要素 視赤経の合 8月13日 2<sup>h</sup>3<sup>m</sup>52<sup>s</sup> (中央標準時)

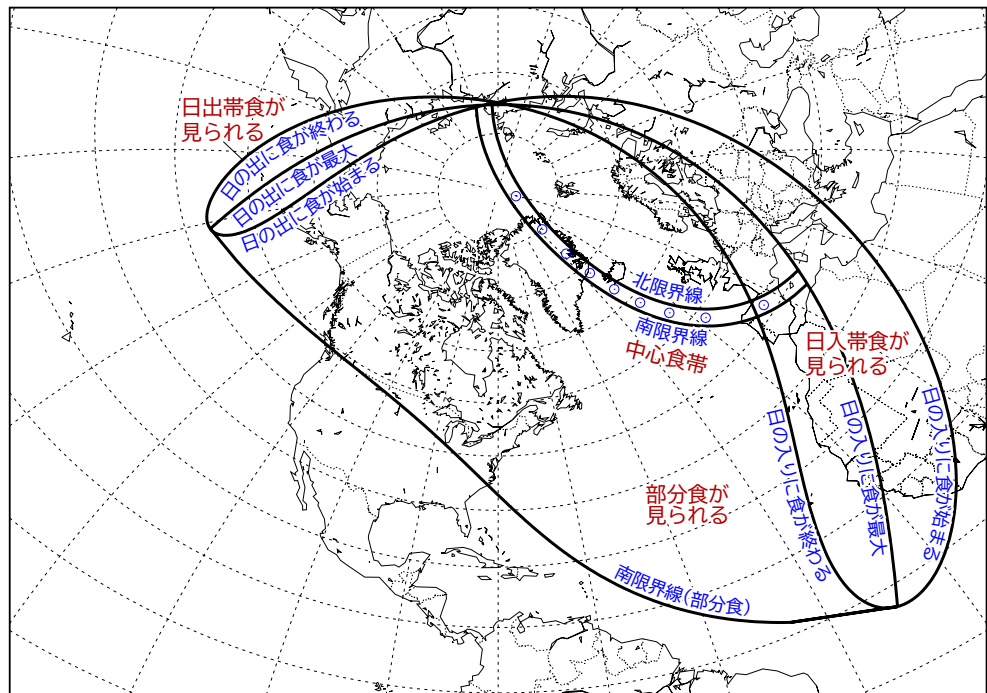
| 名称  | 太陽   | 毎時変化                | 月  | 毎時変化                 |
|-----|--|---------------------|--|----------------------|
| 視赤経 | 09 <sup>h</sup> 29 <sup>m</sup> 40.64 <sup>s</sup> | + 9.43 <sup>s</sup> | 09 <sup>h</sup> 29 <sup>m</sup> 40.64 <sup>s</sup> | +138.06 <sup>s</sup> |
| 視赤緯 | +14° 48' 36.4"                                     | - 45.4"             | +15° 47' 09.0"                                     | -869.3"              |
| 視差  | 08.7   |                     | 59 46.0  |                      |
| 視半径 | 15 47.0  |                     | 16 17.2  |                      |

ロ. 状況

| 名称           | 中央標準時 |    |   |    |    | 経度  |    | 緯度 |       |    |   |
|--------------|-------|----|---|----|----|-----|----|----|-------|----|---|
|              | 月     | 日  | h | m  | s  | °   | '  | °  | '     |    |   |
| 食の始め         | 8     | 13 | 0 | 34 | 14 | 166 | 03 | W  | 56    | 41 | N |
| 中心食の始め       | 8     | 13 | 2 | 0  | 6  | 113 | 29 | E  | 75    | 05 | N |
| 子午線中心食       | 8     | 13 | 2 | 3  | 52 | 105 | 17 | E  | 85    | 06 | N |
| 中心食の終り       | 8     | 13 | 3 | 32 | 12 | 5   | 24 | E  | 38    | 40 | N |
| 食の終り         | 8     | 13 | 4 | 57 | 59 | 25  | 12 | W  | 11    | 26 | N |
| 子午線中心食における食分 |       |    |   |    |    |     |    |    | 1.018 |    |   |

この日食は一般に北アメリカ大陸北部、北極海周辺、大西洋北部、ヨーロッパ(南東部を除く)、アフリカ大陸北西部などで見られる(右図)。

日本では見られない。



# 月 食 令和 8 年 2026

本年は月食が2回あり，そのうち日本では1回だけ見られる．

## 1. 皆既月食 3月3日

イ. 要素 視赤経の衝 3月3日 20<sup>h</sup>56<sup>m</sup>11<sup>s</sup> (中央標準時)

| 名 称   | 太 陽  | 毎時変化                | 月  | 毎時変化                 |
|-------|--|---------------------|--|----------------------|
| 視 赤 経 | 22 <sup>h</sup> 56 <sup>m</sup> 59.54 <sup>s</sup> | + 9.32 <sup>s</sup> | 10 <sup>h</sup> 56 <sup>m</sup> 59.54 <sup>s</sup> | +118.80 <sup>s</sup> |
| 視 赤 緯 | -06° 42' 44.8"                                     | + 57.6"             | +06° 18' 15.6"                                     | -932.9"              |
| 視 差   | 08.9   |                     | 57 18.1  |                      |
| 視 半 径 | 16 08.0  |                     | 15 36.9  |                      |

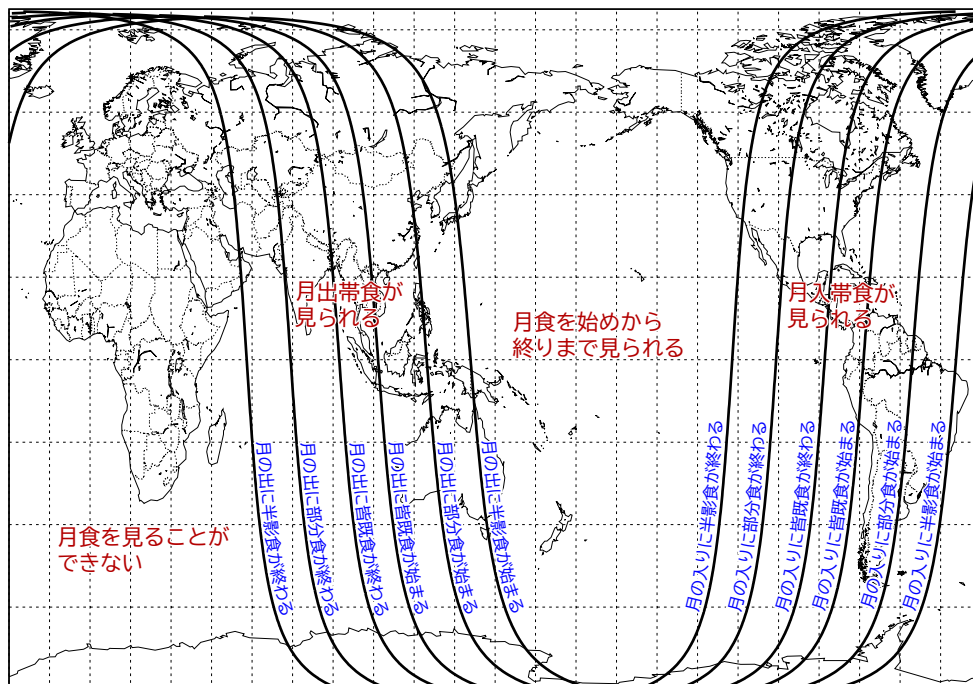
### ロ. 状 況

| 名 称    | 中央標準時       | 名 称        | 中央標準時       |
|--------|-------------|------------|-------------|
| 半影食の始め | 3 3 17 42.8 | 皆既の終わり     | 3 3 21 3.4  |
| 食の始め   | 3 3 18 49.8 | 食の終わり      | 3 3 22 17.6 |
| 皆既の始め  | 3 3 20 4.0  | 半影食の終わり    | 3 3 23 24.7 |
| 食の最大   | 3 3 20 33.7 | 食の最大における食分 | 1.156       |

| 名 称   | 北極基準<br>位置角 | 月 天 頂      |          |
|-------|-------------|------------|----------|
|       |             | 経 度        | 緯 度      |
| 食の始め  | 96°         | 145° 26' W | 6° 51' N |
| 食の終わり | 320         | 164° 11' E | 5° 57' N |

この月食は一般に南アメリカ大陸西部，北アメリカ大陸，太平洋，オーストラリア大陸，ユーラシア大陸東部，インド洋東部，南極大陸の一部などで見られる（右図）．

日本では全国で皆既食が見られる．



日本各地における状況は次のとおりである。

| 地名 | 食の始め                                  |                  | 皆既の始め                                |                  | 食の最大                                  |                 |       |
|----|---------------------------------------|------------------|--------------------------------------|------------------|---------------------------------------|-----------------|-------|
|    | 中央標準時                                 | 位置角              | 中央標準時                                | 位置角              | 中央標準時                                 | 位置角             | 食分    |
| 那覇 | 日 3 18 <sup>h</sup> 49.8 <sup>m</sup> | 160 <sup>°</sup> | 日 3 20 <sup>h</sup> 4.0 <sup>m</sup> | 308 <sup>°</sup> | 日 3 20 <sup>h</sup> 33.7 <sup>m</sup> | 92 <sup>°</sup> | 1.156 |
| 福岡 | 3 18 49.8                             | 153              | 3 20 4.0                             | 300              | 3 20 33.7                             | 83              | 1.156 |
| 京都 | 3 18 49.8                             | 152              | 3 20 4.0                             | 297              | 3 20 33.7                             | 80              | 1.156 |
| 東京 | 3 18 49.8                             | 151              | 3 20 4.0                             | 296              | 3 20 33.7                             | 78              | 1.156 |
| 仙台 | 3 18 49.8                             | 148              | 3 20 4.0                             | 292              | 3 20 33.7                             | 75              | 1.156 |
| 札幌 | 3 18 49.8                             | 143              | 3 20 4.0                             | 287              | 3 20 33.7                             | 69              | 1.156 |

| 地名 | 皆既の終り                                |                  | 食の終り                                  |                 |
|----|--------------------------------------|------------------|---------------------------------------|-----------------|
|    | 中央標準時                                | 位置角              | 中央標準時                                 | 位置角             |
| 那覇 | 日 3 21 <sup>h</sup> 3.4 <sup>m</sup> | 235 <sup>°</sup> | 日 3 22 <sup>h</sup> 17.6 <sup>m</sup> | 16 <sup>°</sup> |
| 福岡 | 3 21 3.4                             | 226              | 3 22 17.6                             | 4               |
| 京都 | 3 21 3.4                             | 222              | 3 22 17.6                             | 358             |
| 東京 | 3 21 3.4                             | 220              | 3 22 17.6                             | 354             |
| 仙台 | 3 21 3.4                             | 216              | 3 22 17.6                             | 350             |
| 札幌 | 3 21 3.4                             | 211              | 3 22 17.6                             | 345             |

2. 部分月食 8月28日

イ. 要素 視赤経の衝 8月28日 13<sup>h</sup>41<sup>m</sup>47<sup>s</sup> (中央標準時)

| 名称  | 太陽   | 毎時変化                | 月  | 毎時変化                 |
|-----|--|---------------------|--|----------------------|
| 視赤経 | 10 <sup>h</sup> 27 <sup>m</sup> 02.24 <sup>s</sup> | + 9.12 <sup>s</sup> | 22 <sup>h</sup> 27 <sup>m</sup> 02.24 <sup>s</sup> | +116.09 <sup>s</sup> |
| 視赤緯 | +09 <sup>°</sup> 42' 27.2"                         | - 52.9"             | -09 <sup>°</sup> 11' 08.1"                         | +864.3"              |
| 視差  | 08.7   |                     | 56 10.5  |                      |
| 視半径 | 15 50.0  |                     | 15 18.5  |                      |

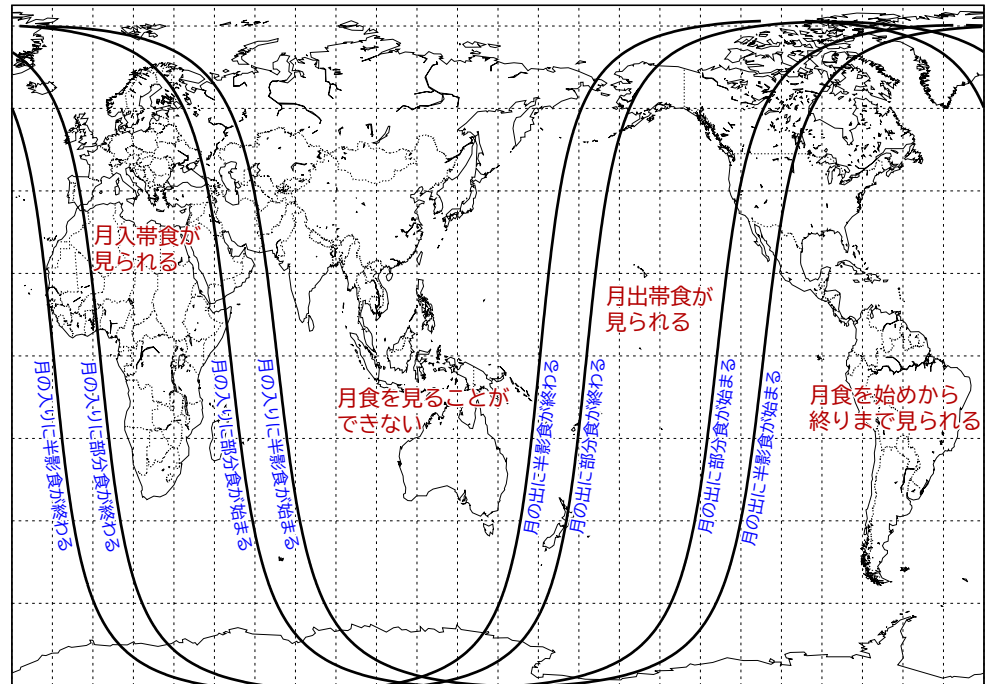
ロ. 状況

| 名称     | 中央標準時                       | 名称         | 中央標準時                       |
|--------|-----------------------------|------------|-----------------------------|
| 半影食の始め | 月 8 28 10 22.3 <sup>m</sup> | 食の終り       | 月 8 28 14 52.4 <sup>m</sup> |
| 食の始め   | 8 28 11 33.5                | 半影食の終り     | 8 28 16 3.5                 |
| 食の最大   | 8 28 13 12.9                | 食の最大における食分 | 0.935                       |

| 名称   | 北極基準<br>位置角     | 月天頂                   |                      |
|------|-----------------|-----------------------|----------------------|
|      |                 | 経度                    | 緯度                   |
| 食の始め | 93 <sup>°</sup> | 39 <sup>°</sup> 00' W | 9 <sup>°</sup> 42' S |
| 食の終り | 213             | 87 14 W               | 8 54 S               |

この月食は一般にヨーロッパ（北東部を除く）、アフリカ大陸、大西洋、南アメリカ大陸、北アメリカ大陸（北西端を除く）、太平洋東部、南極大陸（一部を除く）などで見られる（右図）。

日本では見られない。



太陽の自転 太陽面上に現われる黒点の毎日の位置の変化から太陽は自転していることがわかる。自転軸の方向は赤経  $19^{\text{h}}05^{\text{m}}$ ，赤緯  $+63^{\circ}9$  (2026.0) である。地球に対する自転の周期は 27.2753 日で，恒星に対する周期は 25.38 日である（カリントン周期：太陽緯度  $\pm 16^{\circ}$  付近，磁場基準）。

自転軸の位置 本表では地球時  $0^{\text{h}}$  における自転軸の位置を掲げている。P は地球から見た自転軸の傾きで，軸の北極側が天球の北より東に傾くものを (+)，西に傾くものを (-) としている。B<sub>0</sub>, L<sub>0</sub> は地球から見た太陽面の中心の日面緯度および日面経度で，日面経度は 1854 年 1 月 1 日グリニジ平均正午において黄道面に対する太陽の赤道面の昇交点を通る日面子午線を経度の原点としたものである。L<sub>0</sub> は太陽の自転に伴って 1 日あたり約  $13^{\circ}$  減少し，P, B<sub>0</sub> は 4 年ごとに大体同じ値になる。

| 日  | 1 月    |                |                | 2 月    |                |                | 3 月    |                |                | 4 月    |                |                |
|----|--------|----------------|----------------|--------|----------------|----------------|--------|----------------|----------------|--------|----------------|----------------|
|    | P      | B <sub>0</sub> | L <sub>0</sub> | P      | B <sub>0</sub> | L <sub>0</sub> | P      | B <sub>0</sub> | L <sub>0</sub> | P      | B <sub>0</sub> | L <sub>0</sub> |
| 1  | + 2.06 | -3.00          | 299.11         | -12.15 | -6.01          | 250.91         | -21.49 | -7.22          | 242.20         | -26.13 | -6.56          | 193.57         |
| 2  | + 1.58 | -3.11          | 285.94         | -12.55 | -6.08          | 237.75         | -21.74 | -7.23          | 229.02         | -26.17 | -6.51          | 180.38         |
| 3  | + 1.09 | -3.23          | 272.77         | -12.95 | -6.15          | 224.58         | -21.98 | -7.24          | 215.85         | -26.20 | -6.45          | 167.19         |
| 4  | + 0.61 | -3.34          | 259.60         | -13.35 | -6.22          | 211.41         | -22.22 | -7.24          | 202.68         | -26.23 | -6.39          | 153.99         |
| 5  | + 0.12 | -3.46          | 246.43         | -13.74 | -6.28          | 198.25         | -22.45 | -7.25          | 189.50         | -26.24 | -6.33          | 140.80         |
| 6  | - 0.36 | -3.57          | 233.26         | -14.12 | -6.34          | 185.08         | -22.67 | -7.25          | 176.33         | -26.25 | -6.27          | 127.60         |
| 7  | - 0.84 | -3.68          | 220.09         | -14.50 | -6.41          | 171.91         | -22.89 | -7.25          | 163.15         | -26.26 | -6.21          | 114.41         |
| 8  | - 1.32 | -3.79          | 206.92         | -14.88 | -6.46          | 158.74         | -23.10 | -7.25          | 149.98         | -26.25 | -6.14          | 101.21         |
| 9  | - 1.80 | -3.90          | 193.75         | -15.25 | -6.52          | 145.58         | -23.31 | -7.25          | 136.80         | -26.24 | -6.07          | 88.01          |
| 10 | - 2.28 | -4.01          | 180.59         | -15.62 | -6.58          | 132.41         | -23.50 | -7.24          | 123.62         | -26.22 | -6.01          | 74.81          |
| 11 | - 2.76 | -4.12          | 167.42         | -15.98 | -6.63          | 119.24         | -23.69 | -7.23          | 110.45         | -26.19 | -5.93          | 61.61          |
| 12 | - 3.23 | -4.22          | 154.25         | -16.33 | -6.68          | 106.08         | -23.88 | -7.22          | 97.27          | -26.16 | -5.86          | 48.41          |
| 13 | - 3.71 | -4.33          | 141.08         | -16.68 | -6.73          | 92.91          | -24.06 | -7.21          | 84.09          | -26.12 | -5.79          | 35.21          |
| 14 | - 4.18 | -4.43          | 127.91         | -17.03 | -6.78          | 79.74          | -24.23 | -7.19          | 70.91          | -26.07 | -5.71          | 22.01          |
| 15 | - 4.65 | -4.53          | 114.75         | -17.36 | -6.82          | 66.57          | -24.39 | -7.18          | 57.73          | -26.02 | -5.64          | 8.80           |
| 16 | - 5.12 | -4.63          | 101.58         | -17.70 | -6.86          | 53.41          | -24.55 | -7.16          | 44.55          | -25.95 | -5.56          | 355.60         |
| 17 | - 5.58 | -4.73          | 88.41          | -18.03 | -6.90          | 40.24          | -24.70 | -7.13          | 31.37          | -25.88 | -5.48          | 342.40         |
| 18 | - 6.04 | -4.82          | 75.24          | -18.35 | -6.94          | 27.07          | -24.84 | -7.11          | 18.19          | -25.81 | -5.39          | 329.19         |
| 19 | - 6.50 | -4.92          | 62.08          | -18.66 | -6.98          | 13.90          | -24.98 | -7.09          | 5.01           | -25.72 | -5.31          | 315.99         |
| 20 | - 6.96 | -5.01          | 48.91          | -18.97 | -7.01          | 0.73           | -25.11 | -7.06          | 351.83         | -25.63 | -5.23          | 302.78         |
| 21 | - 7.41 | -5.11          | 35.74          | -19.28 | -7.04          | 347.56         | -25.24 | -7.03          | 338.64         | -25.53 | -5.14          | 289.57         |
| 22 | - 7.86 | -5.20          | 22.58          | -19.58 | -7.07          | 334.40         | -25.35 | -7.00          | 325.46         | -25.42 | -5.05          | 276.36         |
| 23 | - 8.31 | -5.29          | 9.41           | -19.87 | -7.10          | 321.23         | -25.46 | -6.96          | 312.27         | -25.31 | -4.96          | 263.15         |
| 24 | - 8.75 | -5.37          | 356.24         | -20.15 | -7.13          | 308.06         | -25.56 | -6.92          | 299.09         | -25.18 | -4.87          | 249.94         |
| 25 | - 9.19 | -5.46          | 343.08         | -20.43 | -7.15          | 294.88         | -25.66 | -6.89          | 285.90         | -25.05 | -4.78          | 236.73         |
| 26 | - 9.62 | -5.54          | 329.91         | -20.71 | -7.17          | 281.71         | -25.75 | -6.85          | 272.71         | -24.92 | -4.69          | 223.52         |
| 27 | -10.05 | -5.63          | 316.75         | -20.98 | -7.19          | 268.54         | -25.83 | -6.80          | 259.53         | -24.77 | -4.59          | 210.31         |
| 28 | -10.48 | -5.71          | 303.58         | -21.24 | -7.20          | 255.37         | -25.90 | -6.76          | 246.34         | -24.62 | -4.50          | 197.10         |
| 29 | -10.90 | -5.78          | 290.41         |        |                |                | -25.97 | -6.71          | 233.15         | -24.46 | -4.40          | 183.88         |
| 30 | -11.32 | -5.86          | 277.25         |        |                |                | -26.03 | -6.66          | 219.96         | -24.30 | -4.30          | 170.67         |
| 31 | -11.74 | -5.94          | 264.08         |        |                |                | -26.09 | -6.61          | 206.77         |        |                |                |

|   |  |  |  |
|---|--|--|--|
| <p>1月15日</p> <p><math>P = -4.65^{\circ}</math><br/><math>B_0 = -4.53^{\circ}</math></p> | <p>2月15日</p> <p><math>P = -17.36^{\circ}</math><br/><math>B_0 = -6.82^{\circ}</math></p> | <p>3月15日</p> <p><math>P = -24.39^{\circ}</math><br/><math>B_0 = -7.18^{\circ}</math></p> | <p>4月15日</p> <p><math>P = -26.02^{\circ}</math><br/><math>B_0 = -5.64^{\circ}</math></p> |
|---|--|--|--|



太陽の自転軸

令和 8 年

2026

太陽の自転 太陽面上に現われる黒点の毎日の位置の変化から太陽は自転していることがわかる。自転軸の方向は赤経  $19^{\text{h}}05^{\text{m}}$ ，赤緯  $+63^{\circ}9$  (2026.0) である。地球に対する自転の周期は 27.2753 日で，恒星に対する周期は 25.38 日である（カリントン周期：太陽緯度  $\pm 16^{\circ}$  付近，磁場基準）。

自転軸の位置 本表では地球時  $0^{\text{h}}$  における自転軸の位置を掲げている。P は地球から見た自転軸の傾きで，軸の北極側が天球の北より東に傾くものを (+)，西に傾くものを (-) としている。B<sub>0</sub>, L<sub>0</sub> は地球から見た太陽面の中心の日面緯度および日面経度で，日面経度は 1854 年 1 月 1 日グリニジ平均正午において黄道面に対する太陽の赤道面の昇交点を通る日面子午線を経度の原点としたものである。L<sub>0</sub> は太陽の自転に伴って 1 日あたり約  $13^{\circ}$  減少し，P, B<sub>0</sub> は 4 年ごとに大体同じ値になる。

| 日  | 5 月    |                |                | 6 月    |                |                | 7 月    |                |                | 8 月    |                |                |
|----|--------|----------------|----------------|--------|----------------|----------------|--------|----------------|----------------|--------|----------------|----------------|
|    | P      | B <sub>0</sub> | L <sub>0</sub> | P      | B <sub>0</sub> | L <sub>0</sub> | P      | B <sub>0</sub> | L <sub>0</sub> | P      | B <sub>0</sub> | L <sub>0</sub> |
| 1  | -24.13 | -4.20          | 157.45         | -15.44 | -0.70          | 107.45         | - 2.71 | +2.84          | 70.37          | +10.78 | +5.76          | 20.19          |
| 2  | -23.95 | -4.10          | 144.23         | -15.06 | -0.58          | 94.22          | - 2.26 | +2.95          | 57.14          | +11.18 | +5.83          | 6.96           |
| 3  | -23.76 | -4.00          | 131.02         | -14.68 | -0.46          | 80.99          | - 1.80 | +3.06          | 43.90          | +11.57 | +5.91          | 353.74         |
| 4  | -23.56 | -3.89          | 117.80         | -14.30 | -0.34          | 67.75          | - 1.35 | +3.17          | 30.67          | +11.96 | +5.97          | 340.51         |
| 5  | -23.36 | -3.79          | 104.58         | -13.91 | -0.22          | 54.52          | - 0.90 | +3.27          | 17.43          | +12.34 | +6.04          | 327.29         |
| 6  | -23.15 | -3.69          | 91.36          | -13.52 | -0.10          | 41.28          | - 0.45 | +3.38          | 4.19           | +12.72 | +6.11          | 314.06         |
| 7  | -22.94 | -3.58          | 78.14          | -13.12 | +0.02          | 28.05          | + 0.01 | +3.49          | 350.96         | +13.10 | +6.17          | 300.84         |
| 8  | -22.72 | -3.47          | 64.92          | -12.72 | +0.14          | 14.81          | + 0.46 | +3.59          | 337.72         | +13.47 | +6.24          | 287.62         |
| 9  | -22.49 | -3.37          | 51.70          | -12.32 | +0.26          | 1.58           | + 0.91 | +3.70          | 324.49         | +13.84 | +6.30          | 274.40         |
| 10 | -22.25 | -3.26          | 38.48          | -11.91 | +0.38          | 348.34         | + 1.36 | +3.80          | 311.26         | +14.20 | +6.36          | 261.17         |
| 11 | -22.01 | -3.15          | 25.25          | -11.49 | +0.50          | 335.11         | + 1.81 | +3.90          | 298.02         | +14.56 | +6.41          | 247.95         |
| 12 | -21.76 | -3.04          | 12.03          | -11.08 | +0.62          | 321.87         | + 2.26 | +4.00          | 284.79         | +14.92 | +6.47          | 234.73         |
| 13 | -21.50 | -2.93          | 358.81         | -10.66 | +0.74          | 308.63         | + 2.71 | +4.10          | 271.56         | +15.27 | +6.52          | 221.51         |
| 14 | -21.24 | -2.81          | 345.58         | -10.23 | +0.86          | 295.40         | + 3.15 | +4.20          | 258.32         | +15.62 | +6.58          | 208.29         |
| 15 | -20.97 | -2.70          | 332.36         | - 9.81 | +0.98          | 282.16         | + 3.60 | +4.30          | 245.09         | +15.96 | +6.63          | 195.08         |
| 16 | -20.69 | -2.59          | 319.13         | - 9.38 | +1.10          | 268.93         | + 4.04 | +4.40          | 231.86         | +16.30 | +6.68          | 181.86         |
| 17 | -20.41 | -2.47          | 305.91         | - 8.95 | +1.22          | 255.69         | + 4.48 | +4.49          | 218.63         | +16.63 | +6.72          | 168.64         |
| 18 | -20.12 | -2.36          | 292.68         | - 8.51 | +1.34          | 242.45         | + 4.92 | +4.59          | 205.39         | +16.96 | +6.77          | 155.42         |
| 19 | -19.82 | -2.24          | 279.45         | - 8.08 | +1.46          | 229.22         | + 5.35 | +4.68          | 192.16         | +17.28 | +6.81          | 142.21         |
| 20 | -19.52 | -2.13          | 266.23         | - 7.64 | +1.58          | 215.98         | + 5.79 | +4.77          | 178.93         | +17.60 | +6.85          | 128.99         |
| 21 | -19.21 | -2.01          | 253.00         | - 7.20 | +1.70          | 202.74         | + 6.22 | +4.86          | 165.70         | +17.91 | +6.89          | 115.77         |
| 22 | -18.89 | -1.89          | 239.77         | - 6.75 | +1.81          | 189.51         | + 6.65 | +4.95          | 152.47         | +18.22 | +6.93          | 102.56         |
| 23 | -18.57 | -1.78          | 226.54         | - 6.31 | +1.93          | 176.27         | + 7.07 | +5.04          | 139.24         | +18.53 | +6.96          | 89.34          |
| 24 | -18.25 | -1.66          | 213.31         | - 5.86 | +2.04          | 163.03         | + 7.50 | +5.12          | 126.01         | +18.83 | +7.00          | 76.13          |
| 25 | -17.92 | -1.54          | 200.08         | - 5.42 | +2.16          | 149.80         | + 7.92 | +5.21          | 112.78         | +19.12 | +7.03          | 62.92          |
| 26 | -17.58 | -1.42          | 186.85         | - 4.97 | +2.27          | 136.56         | + 8.34 | +5.29          | 99.55          | +19.41 | +7.06          | 49.70          |
| 27 | -17.23 | -1.30          | 173.62         | - 4.52 | +2.39          | 123.32         | + 8.75 | +5.37          | 86.32          | +19.69 | +7.08          | 36.49          |
| 28 | -16.89 | -1.18          | 160.39         | - 4.07 | +2.50          | 110.09         | + 9.17 | +5.45          | 73.09          | +19.97 | +7.11          | 23.28          |
| 29 | -16.53 | -1.06          | 147.15         | - 3.62 | +2.61          | 96.85          | + 9.57 | +5.53          | 59.87          | +20.24 | +7.13          | 10.07          |
| 30 | -16.17 | -0.94          | 133.92         | - 3.16 | +2.73          | 83.61          | + 9.98 | +5.61          | 46.64          | +20.51 | +7.15          | 356.86         |
| 31 | -15.81 | -0.82          | 120.69         |        |                |                | +10.38 | +5.69          | 33.41          | +20.77 | +7.17          | 343.65         |

|   |  |  |   |
|---|--|--|---|
| <p>5月15日 N P = -20.97°<br/>E W B<sub>0</sub> = -2.70° S</p> | <p>6月15日 N P = -9.81°<br/>E W B<sub>0</sub> = +0.98° S</p> | <p>7月15日 N P = +3.60°<br/>E W B<sub>0</sub> = +4.30° S</p> | <p>8月15日 N P = +15.96°<br/>E W B<sub>0</sub> = +6.63° S</p> |
|---|--|--|---|

太陽の自転 太陽面上に現われる黒点の毎日の位置の変化から太陽は自転していることがわかる。自転軸の方向は赤経  $19^{\text{h}}05^{\text{m}}$ 、赤緯  $+63^{\circ}9$  (2026.0) である。地球に対する自転の周期は 27.2753 日で、恒星に対する周期は 25.38 日である (カリントン周期: 太陽緯度  $\pm 16^{\circ}$  付近, 磁場基準)。

自転軸の位置 本表では地球時  $0^{\text{h}}$  における自転軸の位置を掲げている。P は地球から見た自転軸の傾きで、軸の北極側が天球の北より東に傾くものを (+)、西に傾くものを (-) としている。B<sub>0</sub>, L<sub>0</sub> は地球から見た太陽面の中心の日面緯度および日面経度で、日面経度は 1854 年 1 月 1 日グリニジ平均正午において黄道面に対する太陽の赤道面の昇交点を通る日面子午線を経度の原点としたものである。L<sub>0</sub> は太陽の自転に伴って 1 日あたり約  $13^{\circ}$  減少し、P, B<sub>0</sub> は 4 年ごとに大体同じ値になる。

| 日  | 9 月    |                |                | 10 月   |                |                | 11 月   |                |                | 12 月   |                |                |
|----|--------|----------------|----------------|--------|----------------|----------------|--------|----------------|----------------|--------|----------------|----------------|
|    | P      | B <sub>0</sub> | L <sub>0</sub> | P      | B <sub>0</sub> | L <sub>0</sub> | P      | B <sub>0</sub> | L <sub>0</sub> | P      | B <sub>0</sub> | L <sub>0</sub> |
| 1  | +21.03 | +7.19          | 330.43         | +25.94 | +6.73          | 294.37         | +24.48 | +4.41          | 245.45         | +16.11 | +0.92          | 209.97         |
| 2  | +21.28 | +7.20          | 317.23         | +26.00 | +6.69          | 281.17         | +24.31 | +4.31          | 232.26         | +15.72 | +0.80          | 196.79         |
| 3  | +21.52 | +7.22          | 304.02         | +26.06 | +6.64          | 267.97         | +24.14 | +4.21          | 219.08         | +15.33 | +0.67          | 183.61         |
| 4  | +21.76 | +7.23          | 290.81         | +26.11 | +6.59          | 254.78         | +23.95 | +4.10          | 205.89         | +14.93 | +0.54          | 170.43         |
| 5  | +22.00 | +7.24          | 277.60         | +26.15 | +6.53          | 241.58         | +23.76 | +4.00          | 192.71         | +14.53 | +0.41          | 157.25         |
| 6  | +22.22 | +7.24          | 264.39         | +26.19 | +6.48          | 228.39         | +23.56 | +3.89          | 179.52         | +14.12 | +0.28          | 144.07         |
| 7  | +22.45 | +7.25          | 251.19         | +26.21 | +6.42          | 215.20         | +23.35 | +3.79          | 166.34         | +13.70 | +0.16          | 130.90         |
| 8  | +22.66 | +7.25          | 237.98         | +26.24 | +6.36          | 202.00         | +23.13 | +3.68          | 153.15         | +13.28 | +0.03          | 117.72         |
| 9  | +22.87 | +7.25          | 224.78         | +26.25 | +6.30          | 188.81         | +22.91 | +3.57          | 139.97         | +12.86 | -0.10          | 104.54         |
| 10 | +23.08 | +7.25          | 211.57         | +26.26 | +6.24          | 175.62         | +22.68 | +3.46          | 126.78         | +12.43 | -0.23          | 91.37          |
| 11 | +23.28 | +7.25          | 198.37         | +26.25 | +6.17          | 162.43         | +22.44 | +3.34          | 113.60         | +12.00 | -0.36          | 78.19          |
| 12 | +23.47 | +7.24          | 185.16         | +26.25 | +6.11          | 149.23         | +22.19 | +3.23          | 100.42         | +11.56 | -0.48          | 65.02          |
| 13 | +23.66 | +7.23          | 171.96         | +26.23 | +6.04          | 136.04         | +21.93 | +3.12          | 87.23          | +11.12 | -0.61          | 51.84          |
| 14 | +23.84 | +7.22          | 158.76         | +26.21 | +5.97          | 122.85         | +21.67 | +3.00          | 74.05          | +10.67 | -0.74          | 38.66          |
| 15 | +24.01 | +7.21          | 145.55         | +26.18 | +5.90          | 109.66         | +21.40 | +2.88          | 60.87          | +10.22 | -0.87          | 25.49          |
| 16 | +24.18 | +7.20          | 132.35         | +26.14 | +5.82          | 96.47          | +21.12 | +2.77          | 47.68          | + 9.77 | -1.00          | 12.31          |
| 17 | +24.35 | +7.18          | 119.15         | +26.09 | +5.75          | 83.28          | +20.84 | +2.65          | 34.50          | + 9.31 | -1.12          | 359.14         |
| 18 | +24.50 | +7.16          | 105.95         | +26.04 | +5.67          | 70.09          | +20.54 | +2.53          | 21.32          | + 8.85 | -1.25          | 345.96         |
| 19 | +24.65 | +7.14          | 92.75          | +25.98 | +5.59          | 56.90          | +20.24 | +2.41          | 8.14           | + 8.39 | -1.38          | 332.79         |
| 20 | +24.80 | +7.12          | 79.55          | +25.91 | +5.51          | 43.71          | +19.94 | +2.29          | 354.95         | + 7.92 | -1.50          | 319.62         |
| 21 | +24.93 | +7.10          | 66.35          | +25.83 | +5.43          | 30.52          | +19.62 | +2.17          | 341.77         | + 7.45 | -1.63          | 306.44         |
| 22 | +25.06 | +7.07          | 53.15          | +25.75 | +5.34          | 17.33          | +19.30 | +2.05          | 328.59         | + 6.98 | -1.75          | 293.27         |
| 23 | +25.19 | +7.04          | 39.95          | +25.66 | +5.26          | 4.14           | +18.97 | +1.92          | 315.41         | + 6.51 | -1.88          | 280.10         |
| 24 | +25.30 | +7.01          | 26.75          | +25.56 | +5.17          | 350.95         | +18.64 | +1.80          | 302.23         | + 6.03 | -2.00          | 266.92         |
| 25 | +25.42 | +6.98          | 13.55          | +25.45 | +5.08          | 337.76         | +18.30 | +1.68          | 289.05         | + 5.55 | -2.12          | 253.75         |
| 26 | +25.52 | +6.94          | 0.35           | +25.34 | +4.99          | 324.57         | +17.95 | +1.55          | 275.86         | + 5.08 | -2.25          | 240.58         |
| 27 | +25.62 | +6.90          | 347.15         | +25.22 | +4.90          | 311.39         | +17.59 | +1.43          | 262.68         | + 4.60 | -2.37          | 227.40         |
| 28 | +25.71 | +6.86          | 333.96         | +25.08 | +4.80          | 298.20         | +17.23 | +1.30          | 249.50         | + 4.11 | -2.49          | 214.23         |
| 29 | +25.79 | +6.82          | 320.76         | +24.95 | +4.71          | 285.01         | +16.86 | +1.18          | 236.32         | + 3.63 | -2.61          | 201.06         |
| 30 | +25.87 | +6.78          | 307.56         | +24.80 | +4.61          | 271.82         | +16.49 | +1.05          | 223.14         | + 3.15 | -2.73          | 187.89         |
| 31 |        |                |                | +24.65 | +4.51          | 258.64         |        |                |                | + 2.66 | -2.85          | 174.72         |

|   |  |  |  |
|---|--|--|--|
| <p>9月15日 N <math>P = +24.01^{\circ}</math><br/>E W<br/>S <math>B_0 = +7.21^{\circ}</math></p> | <p>10月15日 N <math>P = +26.18^{\circ}</math><br/>E W<br/>S <math>B_0 = +5.90^{\circ}</math></p> | <p>11月15日 N <math>P = +21.40^{\circ}</math><br/>E W<br/>S <math>B_0 = +2.88^{\circ}</math></p> | <p>12月15日 N <math>P = +10.22^{\circ}</math><br/>E W<br/>S <math>B_0 = -0.87^{\circ}</math></p> |
|---|--|--|--|

ユリウス日

| 第1表   |          | 第2表 |        |    |        |    |        | 第3表 |    |     |     | 第4表      |
|-------|----------|-----|--------|----|--------|----|--------|-----|----|-----|-----|----------|
| 年     | 日        | 年   | 日      | 年  | 日      | 年  | 日      | 月   | 日  | 平年  | 閏年  | 2026     |
| -1000 | 135 5808 | 0   | *      | 35 | 1 2783 | 70 | 2 5567 | 1   | 0  | 0   | 0   | 246 1041 |
| - 900 | 139 2333 | 1   | 365    | 36 | 1 3148 | 71 | 2 5932 |     | 10 | 10  | 10  | 1051     |
| - 800 | 142 8858 | 2   | 730    | 37 | 1 3514 | 72 | 2 6297 |     | 20 | 20  | 20  | 1061     |
| - 700 | 146 5383 | 3   | 1095   | 38 | 1 3879 | 73 | 2 6663 | 2   | 0  | 31  | 31  | 1072     |
| - 600 | 150 1908 | 4   | 1460   | 39 | 1 4244 | 74 | 2 7028 |     | 10 | 41  | 41  | 1082     |
| - 500 | 153 8433 | 5   | 1826   | 40 | 1 4609 | 75 | 2 7393 |     | 20 | 51  | 51  | 246 1092 |
| - 400 | 157 4958 | 6   | 2191   | 41 | 1 4975 | 76 | 2 7758 | 3   | 0  | 59  | 60  | 1100     |
| - 300 | 161 1483 | 7   | 2556   | 42 | 1 5340 | 77 | 2 8124 |     | 10 | 69  | 70  | 1110     |
| - 200 | 164 8008 | 8   | 2921   | 43 | 1 5705 | 78 | 2 8489 |     | 20 | 79  | 80  | 1120     |
| - 100 | 168 4533 | 9   | 3287   | 44 | 1 6070 | 79 | 2 8854 | 4   | 0  | 90  | 91  | 1131     |
| 0     | 172 1058 | 10  | 3652   | 45 | 1 6436 | 80 | 2 9219 |     | 10 | 100 | 101 | 246 1141 |
| 100   | 175 7583 | 11  | 4017   | 46 | 1 6801 | 81 | 2 9585 |     | 20 | 110 | 111 | 1151     |
| 200   | 179 4108 | 12  | 4382   | 47 | 1 7166 | 82 | 2 9950 | 5   | 0  | 120 | 121 | 1161     |
| 300   | 183 0633 | 13  | 4748   | 48 | 1 7531 | 83 | 3 0315 |     | 10 | 130 | 131 | 1171     |
| 400   | 186 7158 | 14  | 5113   | 49 | 1 7897 | 84 | 3 0680 |     | 20 | 140 | 141 | 1181     |
| 500   | 190 3683 | 15  | 5478   | 50 | 1 8262 | 85 | 3 1046 | 6   | 0  | 151 | 152 | 246 1192 |
| 600   | 194 0208 | 16  | 5843   | 51 | 1 8627 | 86 | 3 1411 |     | 10 | 161 | 162 | 1202     |
| 700   | 197 6733 | 17  | 6209   | 52 | 1 8992 | 87 | 3 1776 |     | 20 | 171 | 172 | 1212     |
| 800   | 201 3258 | 18  | 6574   | 53 | 1 9358 | 88 | 3 2141 | 7   | 0  | 181 | 182 | 1222     |
| 900   | 204 9783 | 19  | 6939   | 54 | 1 9723 | 89 | 3 2507 |     | 10 | 191 | 192 | 1232     |
| 1000  | 208 6308 | 20  | 7304   | 55 | 2 0088 | 90 | 3 2872 |     | 20 | 201 | 202 | 246 1242 |
| 1100  | 212 2833 | 21  | 7670   | 56 | 2 0453 | 91 | 3 3237 | 8   | 0  | 212 | 213 | 1253     |
| 1200  | 215 9358 | 22  | 8035   | 57 | 2 0819 | 92 | 3 3602 |     | 10 | 222 | 223 | 1263     |
| 1300  | 219 5883 | 23  | 8400   | 58 | 2 1184 | 93 | 3 3968 |     | 20 | 232 | 233 | 1273     |
| 1400  | 223 2408 | 24  | 8765   | 59 | 2 1549 | 94 | 3 4333 | 9   | 0  | 243 | 244 | 1284     |
| 1500  | 226 8933 | 25  | 9131   | 60 | 2 1914 | 95 | 3 4698 |     | 10 | 253 | 254 | 246 1294 |
| 1600  | 230 5448 | 26  | 9496   | 61 | 2 2280 | 96 | 3 5063 |     | 20 | 263 | 264 | 1304     |
| 1700  | 234 1972 | 27  | 9861   | 62 | 2 2645 | 97 | 3 5429 | 10  | 0  | 273 | 274 | 1314     |
| 1800  | 237 8496 | 28  | 1 0226 | 63 | 2 3010 | 98 | 3 5794 |     | 10 | 283 | 284 | 1324     |
| 1900  | 241 5020 | 29  | 1 0592 | 64 | 2 3375 | 99 | 3 6159 |     | 20 | 293 | 294 | 1334     |
| 2000  | 245 1545 | 30  | 1 0957 | 65 | 2 3741 |    |        | 11  | 0  | 304 | 305 | 246 1345 |
| 2100  | 248 8069 | 31  | 1 1322 | 66 | 2 4106 |    |        |     | 10 | 314 | 315 | 1355     |
| 2200  | 252 4593 | 32  | 1 1687 | 67 | 2 4471 |    |        |     | 20 | 324 | 325 | 1365     |
| 2300  | 256 1117 | 33  | 1 2053 | 68 | 2 4836 |    |        | 12  | 0  | 334 | 335 | 1375     |
| 2400  | 259 7642 | 34  | 1 2418 | 69 | 2 5202 |    |        |     | 10 | 344 | 345 | 1385     |
|       |          |     |        |    |        |    |        |     | 20 | 354 | 355 | 246 1395 |

\* 平年のときは 0, 閏年のときは -1

ユリウス日は - 4712 年 1 月 1 日から数えた通日である。1599 年まではユリウス暦, 1600 年以後はグレゴリオ暦に対するユリウス日が表から得られる。本表では紀元元年の前年を 0 年としているため, これを紀元前 1 年とする方法とは 1 年ずつの差異がある (たとえば - 4712 年は紀元前 4713 年)。

ユリウス日に小数をつけて時刻を示す場合には世界時より 12 時間 (0.5 日) 遅れたグリニジ平均天文時に相当する値を用いる。また, ユリウス日より 240 0000.5 日を引いたものを MJD (Modified Julian Date) という。

〔使用例 1〕

1924 年 7 月 5 日のユリウス日を求む。  
 第 1 表から 1900 241 5020  
 第 2 表から 24 8765  
 第 3 表から 7 5 187  
 計 242 3972 日

〔使用例 2〕

2026 年 2 月 25 日のユリウス日を求む。  
 第 4 表から 2 25 246 1097 日

〔使用例 3〕

2026 年 2 月 26 日午前 3<sup>h</sup> 中央標準時 = 2 月 25 日 6<sup>h</sup> グリニジ平均天文時 = 246 1097.25 日。

最近四百年年代表(1)

「前」とあるのは「令和8年(2026年)より前の年数」である。

| 年  | 西暦   | 前    | 年   | 西暦   | 前    | 年    | 西暦   | 前    | 年    | 西暦   | 前    | 年    | 西暦   | 前    |      |     |      |      |      |      |      |      |
|----|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|
| 寛永 | 4    | 1627 | 399 | 寛文   | 7    | 1667 | 359  | 宝永   | 4    | 1707 | 319  | 延享   | 4    | 1747 | 279  | 天明  | 7    | 1787 | 239  |      |      |      |
|    | 5    | 1628 | 398 |      | 8    | 1668 | 358  |      | 5    | 1708 | 318  |      | 寛延   | 1748 | 278  |     | 8    | 1788 | 238  |      |      |      |
|    | 6    | 1629 | 397 |      | 9    | 1669 | 357  |      | 6    | 1709 | 317  |      | 2    | 1749 | 277  |     | 寛政   | 1789 | 237  |      |      |      |
|    | 7    | 1630 | 396 |      | 10   | 1670 | 356  |      | 7    | 1710 | 316  |      | 3    | 1750 | 276  |     |      | 2    | 1790 | 236  |      |      |
|    | 8    | 1631 | 395 |      | 11   | 1671 | 355  |      | 正徳   | 1711 | 315  |      | 宝暦   | 1751 | 275  |     |      | 3    | 1791 | 235  |      |      |
|    | 9    | 1632 | 394 |      | 12   | 1672 | 354  |      |      | 2    | 1712 |      |      | 314  | 2    |     | 1752 | 274  | 4    | 1792 | 234  |      |
|    | 10   | 1633 | 393 |      | 延宝   | 1673 | 353  |      | 3    | 1713 | 313  |      | 3    | 1753 | 273  |     | 5    | 1793 | 233  |      |      |      |
|    | 11   | 1634 | 392 |      |      | 2    | 1674 |      | 352  | 4    | 1714 |      | 312  | 4    | 1754 |     | 272  | 6    | 1794 | 232  |      |      |
|    | 12   | 1635 | 391 |      |      | 3    | 1675 |      | 351  | 5    | 1715 |      | 311  | 5    | 1755 |     | 271  | 7    | 1795 | 231  |      |      |
|    | 13   | 1636 | 390 |      |      | 4    | 1676 |      | 350  | 享保   | 1716 |      | 310  | 6    | 1756 |     | 270  | 8    | 1796 | 230  |      |      |
|    | 14   | 1637 | 389 |      |      | 5    | 1677 |      | 349  |      | 2    |      | 1717 | 309  | 7    |     | 1757 | 269  | 9    | 1797 | 229  |      |
|    | 15   | 1638 | 388 |      |      | 6    | 1678 |      | 348  |      | 3    |      | 1718 | 308  | 8    |     | 1758 | 268  | 10   | 1798 | 228  |      |
|    | 16   | 1639 | 387 |      |      | 7    | 1679 |      | 347  |      | 4    |      | 1719 | 307  | 9    |     | 1759 | 267  | 11   | 1799 | 227  |      |
| 17 | 1640 | 386  | 8   | 1680 |      | 346  | 5    | 1720 | 306  |      | 10   | 1760 | 266  | 12   | 1800 | 226 |      |      |      |      |      |      |
| 18 | 1641 | 385  | 天和  | 1681 |      | 345  | 6    | 1721 | 305  |      | 11   | 1761 | 265  | 享和   | 1801 | 225 |      |      |      |      |      |      |
| 19 | 1642 | 384  |     | 2    |      | 1682 | 344  | 7    | 1722 |      | 304  | 12   | 1762 |      | 264  | 2   | 1802 | 224  |      |      |      |      |
| 20 | 1643 | 383  |     | 3    |      | 1683 | 343  | 8    | 1723 |      | 303  | 13   | 1763 |      | 263  | 3   | 1803 | 223  |      |      |      |      |
| 正保 | 1644 | 382  |     | 貞享   |      | 1684 | 342  | 9    | 1724 |      | 302  | 明和   | 1764 |      | 262  | 文   | 化    | 1804 | 222  |      |      |      |
|    | 2    | 1645 |     |      |      | 381  | 2    | 1685 | 341  |      | 10   |      | 1725 |      | 301  |     |      | 2    | 1765 | 261  | 2    | 1805 |
|    | 3    | 1646 |     |      | 380  | 3    | 1686 | 340  | 11   |      | 1726 |      | 300  |      | 3    |     |      | 1766 | 260  | 3    | 1806 | 220  |
| 慶安 | 4    | 1647 |     |      | 379  | 4    | 1687 | 339  | 12   |      | 1727 |      | 299  |      | 4    |     |      | 1767 | 259  | 4    | 1807 | 219  |
|    | 1648 | 378  |     |      | 元禄   | 1688 | 338  | 13   | 1728 |      | 298  |      | 5    |      | 1768 |     |      | 258  | 5    | 1808 | 218  |      |
|    | 2    | 1649 |     |      |      | 377  | 2    | 1689 | 337  | 14   | 1729 |      | 297  |      | 6    |     |      | 1769 | 257  | 6    | 1809 | 217  |
|    | 3    | 1650 |     |      |      | 376  | 3    | 1690 | 336  | 15   | 1730 |      | 296  |      | 7    |     |      | 1770 | 256  | 7    | 1810 | 216  |
|    | 4    | 1651 |     |      |      | 375  | 4    | 1691 | 335  | 16   | 1731 |      | 295  |      | 8    |     |      | 1771 | 255  | 8    | 1811 | 215  |
| 承応 | 1652 | 374  |     |      |      | 5    | 1692 | 334  | 17   | 1732 | 294  |      | 安永   |      | 1772 |     |      | 254  | 9    | 1812 | 214  |      |
|    | 2    | 1653 |     |      |      | 373  | 6    | 1693 | 333  | 18   | 1733 |      |      |      | 293  |     |      | 2    | 1773 | 253  | 10   | 1813 |
|    | 3    | 1654 | 372 |      |      | 7    | 1694 | 332  | 19   | 1734 | 292  |      |      | 3    | 1774 |     |      | 252  | 11   | 1814 | 212  |      |
| 明暦 | 1655 | 371  | 8   |      |      | 1695 | 331  | 20   | 1735 | 291  | 4    |      |      | 1775 | 251  |     |      | 12   | 1815 | 211  |      |      |
|    | 2    | 1656 | 370 |      |      | 9    | 1696 | 330  | 元文   | 1736 | 290  |      |      | 5    | 1776 |     |      | 250  | 13   | 1816 | 210  |      |
| 万治 | 3    | 1657 | 369 | 10   |      | 1697 | 329  | 2    |      | 1737 | 289  | 6    |      | 1777 | 249  | 文   | 政    | 1817 | 209  |      |      |      |
|    | 1658 | 368  | 11  | 1698 |      | 328  | 3    | 1738 |      | 288  | 7    | 1778 |      | 248  | 1818 |     |      | 208  |      |      |      |      |
|    | 2    | 1659 | 367 | 12   |      | 1699 | 327  | 4    |      | 1739 | 287  | 8    |      | 1779 | 247  |     |      | 2    | 1819 | 207  |      |      |
|    | 3    | 1660 | 366 | 13   |      | 1700 | 326  | 5    |      | 1740 | 286  | 9    |      | 1780 | 246  |     |      | 3    | 1820 | 206  |      |      |
|    | 寛文   | 1661 | 365 | 14   | 1701 | 325  | 寛保   | 1741 |      | 285  | 天明   | 1781 |      | 245  | 4    |     |      | 1821 | 205  |      |      |      |
| 2  | 1662 | 364  | 15  | 1702 | 324  | 2    |      | 1742 |      | 284  |      | 2    |      | 1782 | 244  |     |      | 5    | 1822 | 204  |      |      |
| 3  | 1663 | 363  | 16  | 1703 | 323  | 3    |      | 1743 |      | 283  |      | 3    |      | 1783 | 243  |     |      | 6    | 1823 | 203  |      |      |
| 4  | 1664 | 362  | 宝永  | 1704 | 322  | 延享   |      | 1744 |      | 282  |      | 4    |      | 1784 | 242  |     |      | 7    | 1824 | 202  |      |      |
| 5  | 1665 | 361  |     | 2    | 1705 |      |      | 321  |      | 2    |      | 1745 | 281  | 5    | 1785 |     |      | 241  | 8    | 1825 | 201  |      |
| 6  | 1666 | 360  |     | 3    | 1706 |      |      | 320  |      | 3    |      | 1746 | 280  | 6    | 1786 |     |      | 240  | 9    | 1826 | 200  |      |

## 最近四百年年代表(2)

「前」とあるのは「令和8年(2026年)より前の年数」である。

| 年  | 西暦   | 前    | 年   | 西暦      | 前    | 年    | 西暦  | 前    | 年    | 西暦   | 前    | 年    | 西暦 | 前    |      |    |    |      |    |
|----|------|------|-----|---------|------|------|-----|------|------|------|------|------|----|------|------|----|----|------|----|
| 文政 | 10   | 1827 | 199 | 慶応<br>明 | 3    | 1867 | 159 | 明治   | 40   | 1907 | 119  | 昭和   | 22 | 1947 | 79   | 昭和 | 62 | 1987 | 39 |
|    | 11   | 1828 | 198 |         | 治    | 1868 | 158 |      | 41   | 1908 | 118  |      | 23 | 1948 | 78   |    | 63 | 1988 | 38 |
| 天保 | 12   | 1829 | 197 | 2       | 1869 | 157  | 42  | 1909 | 117  | 24   | 1949 | 77   | 平成 | 1989 | 37   |    |    |      |    |
|    | 1    | 1830 | 196 | 3       | 1870 | 156  | 43  | 1910 | 116  | 25   | 1950 | 76   |    | 2    | 1990 | 36 |    |      |    |
| 弘化 | 2    | 1831 | 195 | 4       | 1871 | 155  | 44  | 1911 | 115  | 26   | 1951 | 75   | 3  | 1991 | 35   |    |    |      |    |
|    | 3    | 1832 | 194 | 5       | 1872 | 154  | 大正  | 1912 | 114  | 27   | 1952 | 74   | 4  | 1992 | 34   |    |    |      |    |
| 4  | 1833 | 193  | 6   | 1873    | 153  | 2    |     | 1913 | 113  | 28   | 1953 | 73   | 5  | 1993 | 33   |    |    |      |    |
| 嘉永 | 5    | 1834 | 192 | 7       | 1874 | 152  | 3   | 1914 | 112  | 29   | 1954 | 72   | 6  | 1994 | 32   |    |    |      |    |
|    | 6    | 1835 | 191 | 8       | 1875 | 151  | 4   | 1915 | 111  | 30   | 1955 | 71   | 7  | 1995 | 31   |    |    |      |    |
| 安政 | 7    | 1836 | 190 | 9       | 1876 | 150  | 5   | 1916 | 110  | 31   | 1956 | 70   | 8  | 1996 | 30   |    |    |      |    |
|    | 8    | 1837 | 189 | 10      | 1877 | 149  | 6   | 1917 | 109  | 32   | 1957 | 69   | 9  | 1997 | 29   |    |    |      |    |
| 文久 | 9    | 1838 | 188 | 11      | 1878 | 148  | 7   | 1918 | 108  | 33   | 1958 | 68   | 10 | 1998 | 28   |    |    |      |    |
|    | 10   | 1839 | 187 | 12      | 1879 | 147  | 8   | 1919 | 107  | 34   | 1959 | 67   | 11 | 1999 | 27   |    |    |      |    |
| 弘化 | 11   | 1840 | 186 | 13      | 1880 | 146  | 9   | 1920 | 106  | 35   | 1960 | 66   | 12 | 2000 | 26   |    |    |      |    |
|    | 12   | 1841 | 185 | 14      | 1881 | 145  | 10  | 1921 | 105  | 36   | 1961 | 65   | 13 | 2001 | 25   |    |    |      |    |
| 嘉永 | 13   | 1842 | 184 | 15      | 1882 | 144  | 11  | 1922 | 104  | 37   | 1962 | 64   | 14 | 2002 | 24   |    |    |      |    |
|    | 14   | 1843 | 183 | 16      | 1883 | 143  | 12  | 1923 | 103  | 38   | 1963 | 63   | 15 | 2003 | 23   |    |    |      |    |
| 安政 | 1    | 1844 | 182 | 17      | 1884 | 142  | 13  | 1924 | 102  | 39   | 1964 | 62   | 16 | 2004 | 22   |    |    |      |    |
|    | 2    | 1845 | 181 | 18      | 1885 | 141  | 14  | 1925 | 101  | 40   | 1965 | 61   | 17 | 2005 | 21   |    |    |      |    |
| 嘉永 | 3    | 1846 | 180 | 19      | 1886 | 140  | 昭和  | 1926 | 100  | 41   | 1966 | 60   | 18 | 2006 | 20   |    |    |      |    |
|    | 4    | 1847 | 179 | 20      | 1887 | 139  |     | 2    | 1927 | 99   | 42   | 1967 | 59 | 19   | 2007 | 19 |    |      |    |
| 安政 | 1    | 1848 | 178 | 21      | 1888 | 138  | 3   | 1928 | 98   | 43   | 1968 | 58   | 20 | 2008 | 18   |    |    |      |    |
|    | 2    | 1849 | 177 | 22      | 1889 | 137  | 4   | 1929 | 97   | 44   | 1969 | 57   | 21 | 2009 | 17   |    |    |      |    |
| 文久 | 3    | 1850 | 176 | 23      | 1890 | 136  | 5   | 1930 | 96   | 45   | 1970 | 56   | 22 | 2010 | 16   |    |    |      |    |
|    | 4    | 1851 | 175 | 24      | 1891 | 135  | 6   | 1931 | 95   | 46   | 1971 | 55   | 23 | 2011 | 15   |    |    |      |    |
| 安政 | 5    | 1852 | 174 | 25      | 1892 | 134  | 7   | 1932 | 94   | 47   | 1972 | 54   | 24 | 2012 | 14   |    |    |      |    |
|    | 6    | 1853 | 173 | 26      | 1893 | 133  | 8   | 1933 | 93   | 48   | 1973 | 53   | 25 | 2013 | 13   |    |    |      |    |
| 文久 | 1    | 1854 | 172 | 27      | 1894 | 132  | 9   | 1934 | 92   | 49   | 1974 | 52   | 26 | 2014 | 12   |    |    |      |    |
|    | 2    | 1855 | 171 | 28      | 1895 | 131  | 10  | 1935 | 91   | 50   | 1975 | 51   | 27 | 2015 | 11   |    |    |      |    |
| 元治 | 3    | 1856 | 170 | 29      | 1896 | 130  | 11  | 1936 | 90   | 51   | 1976 | 50   | 28 | 2016 | 10   |    |    |      |    |
|    | 4    | 1857 | 169 | 30      | 1897 | 129  | 12  | 1937 | 89   | 52   | 1977 | 49   | 29 | 2017 | 9    |    |    |      |    |
| 元治 | 5    | 1858 | 168 | 31      | 1898 | 128  | 13  | 1938 | 88   | 53   | 1978 | 48   | 30 | 2018 | 8    |    |    |      |    |
|    | 6    | 1859 | 167 | 32      | 1899 | 127  | 14  | 1939 | 87   | 54   | 1979 | 47   | 令和 | 2019 | 7    |    |    |      |    |
| 元慶 | 1    | 1860 | 166 | 33      | 1900 | 126  | 15  | 1940 | 86   | 55   | 1980 | 46   |    | 2    | 2020 | 6  |    |      |    |
|    | 2    | 1861 | 165 | 34      | 1901 | 125  | 16  | 1941 | 85   | 56   | 1981 | 45   | 3  | 2021 | 5    |    |    |      |    |
| 元慶 | 3    | 1862 | 164 | 35      | 1902 | 124  | 17  | 1942 | 84   | 57   | 1982 | 44   | 4  | 2022 | 4    |    |    |      |    |
|    | 4    | 1863 | 163 | 36      | 1903 | 123  | 18  | 1943 | 83   | 58   | 1983 | 43   | 5  | 2023 | 3    |    |    |      |    |
| 元慶 | 1    | 1864 | 162 | 37      | 1904 | 122  | 19  | 1944 | 82   | 59   | 1984 | 42   | 6  | 2024 | 2    |    |    |      |    |
|    | 2    | 1865 | 161 | 38      | 1905 | 121  | 20  | 1945 | 81   | 60   | 1985 | 41   | 7  | 2025 | 1    |    |    |      |    |
|    | 3    | 1866 | 160 | 39      | 1906 | 120  | 21  | 1946 | 80   | 61   | 1986 | 40   | 8  | 2026 | 0    |    |    |      |    |

## 暦の改訂について

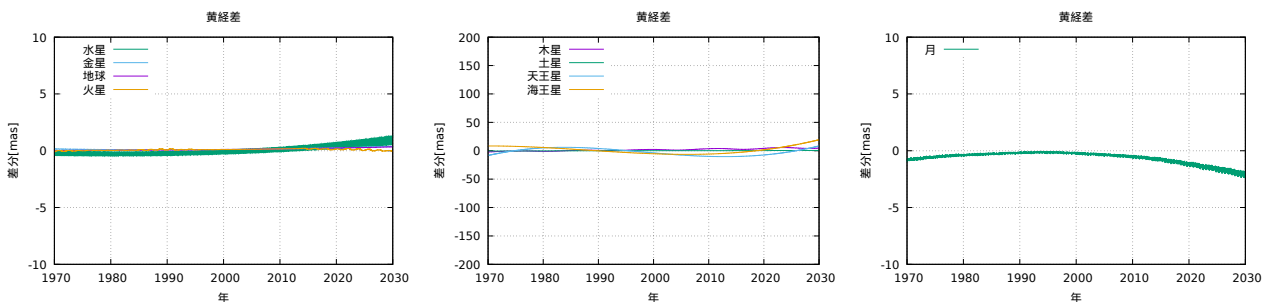
天文現象を予測するには、太陽・月・惑星などの運動について知らなければならない。これまで本書では、米国ジェット推進研究所 JPL (Jet Propulsion Laboratory) が惑星探査用に編纂した月・惑星の暦で、国際的にもっとも広く用いられている DE (Development Ephemeris) シリーズを採用してきた。具体的には昭和 60 年版 (1985) からは DE200，平成 15 年版 (2003) からは DE405，平成 28 年版 (2016) からは DE430 という具合である<sup>†</sup>。

令和 8 年版からは、その後継にあたる DE440 を採用することとしたので、ここに整理する。DE430 と DE440 のおもな違いは以下のとおりである。

1. DE440 には DE430 以降の 7 年にわたる観測値が反映されている。この間、水星では Messenger，金星では Venus Express，火星では Mars Reconnaissance Orbiter など、木星では Juno，土星では Cassini による探査が行われていた。とくに、木星は Juno が新たに到達したことで、大きな改善が見られる。冥王星はガイア星表を用いて整約した掩蔽のデータが追加され、月は月レーザー測距 (LLR) による観測が続いている。
2. 太陽系外縁天体の影響を、30 の個別天体と黄道面上半径 44 au の距離に等間隔で配置された 36 個の質点というモデルで考慮するようになった。これにより、太陽から見た太陽系重心の位置は DE430 に比べて 100 km ほどずれてしまうが、太陽と地球の距離など、天体の相対的な位置関係では相殺されるので、大きな影響はない。
3. ほかに、惑星の運動に Lense-Thirring 効果、地球と月の運動に太陽の放射圧など、一段と緻密な影響まで考慮するようになった。
4. 2012 年の IAU 勧告でガウス引力定数は定数系から外されたにもかかわらず、DE430 では定数扱いが続いていた。DE440 では、 $GM_S$  を直接推定する形に変わっている。

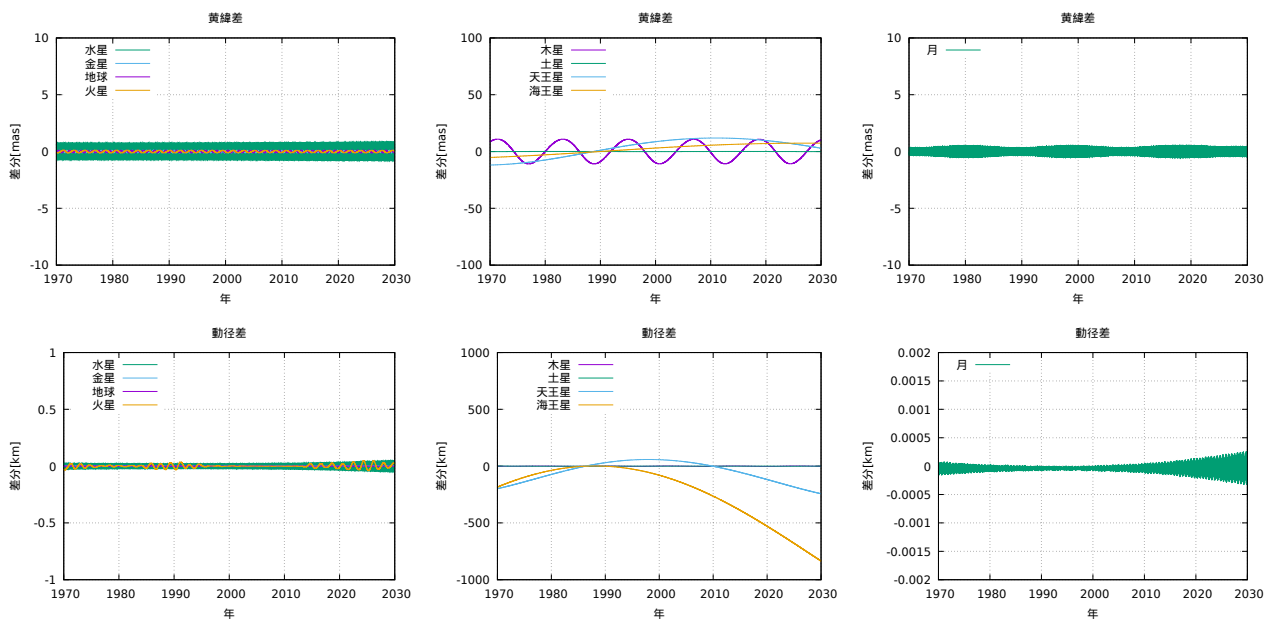
天体別に具体的な黄経・黄緯・動径の違いをグラフにすると以下ようになる。ただし、惑星は日心座標、月は地心座標、いずれも DE430 の数値から DE440 の数値を引いたものである。平成 28 年トピックスのグラフと比較すれば、今回の改訂による影響はかなり小さいことがわかるだろう。

暦象年表の表値については、赤経は  $0.001\text{ s}$  ( $15\text{ mas}^\ddagger$ )，赤緯は  $0'.01$  ( $10\text{ mas}$ )，距離は  $0.0000001\text{ au}$  ( $15\text{ km}$ ) までであるから、太陽・月・内惑星・土星では時折四捨五入により違いが出る程度である一方、木星・天王星・海王星ではそれなりに違いが出てくる。理科年表は表示桁数が少ないので影響も小さく、暦要項ではほとんど影響は現れない。

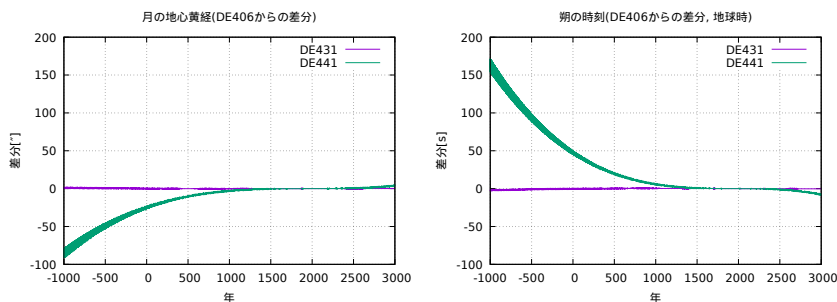


<sup>†</sup>平成 15 年と平成 28 年のトピックスを参照。

<sup>‡</sup>mas とは milliarcsecond，すなわち角度  $1''$  の  $1/1000$  を表わす単位。



では、DE440 と DE430 に大差はないのかというと、じつはそうとも限らない。長期にわたる月の黄経および朔の時刻を比較すると、むしろ DE440 のほうが差は大きいことがわかる<sup>§</sup>。この差については、将来にわたって検証していく必要があるだろう。



最後に、おもなパラメータをまとめておく。

| 項目   | IAU2009/2012  | DE430          | DE440               |
|--|---------------|----------------|---------------------|
| au [km]  | 149597870.700 | 149597870.700  | 149597870.700       |
| $GM_S [\times 10^{20} \text{m}^3 \text{s}^{-2}]$ | 1.32712440041 | 1.327124400419 | 1.32712440041279419 |
| 質量比 ( $M_S/M_P$ )                                |               |                |                     |
| 水星   | 6023600.      | 6023682.       | 6023657.945         |
| 金星   | 408523.719    | 408523.719     | 408523.719          |
| 地球 + 月   | 328900.5596   | 328900.5598    | 328900.5597         |
| 火星   | 3098703.59    | 3098703.59     | 3098703.55          |
| 木星   | 1047.348644   | 1047.348625    | 1047.348631         |
| 土星   | 3497.9018     | 3497.9018      | 3497.9018           |
| 天王星  | 22902.98      | 22902.98       | 22902.951           |
| 海王星  | 19412.26      | 19412.26       | 19412.26            |
| 地球と月の質量比   | 0.0123000371  | 0.0123000369   | 0.0123000370        |

<sup>§</sup> 厳密には各暦の長期版 DE406/431/441 を比較している。

# 曆象年表 令和 8 年 2026

令和 7 年 05 月 01 日 第 1 版発行

編集者

大学共同利用機関法人

発行者

自然科学研究機構 国立天文台

〒181-8588 東京都三鷹市大沢 2-21-1

TEL 0422-34-3600

<https://www.nao.ac.jp/>

Copyright ©2025 National Astronomical Observatory of Japan. All rights reserved.