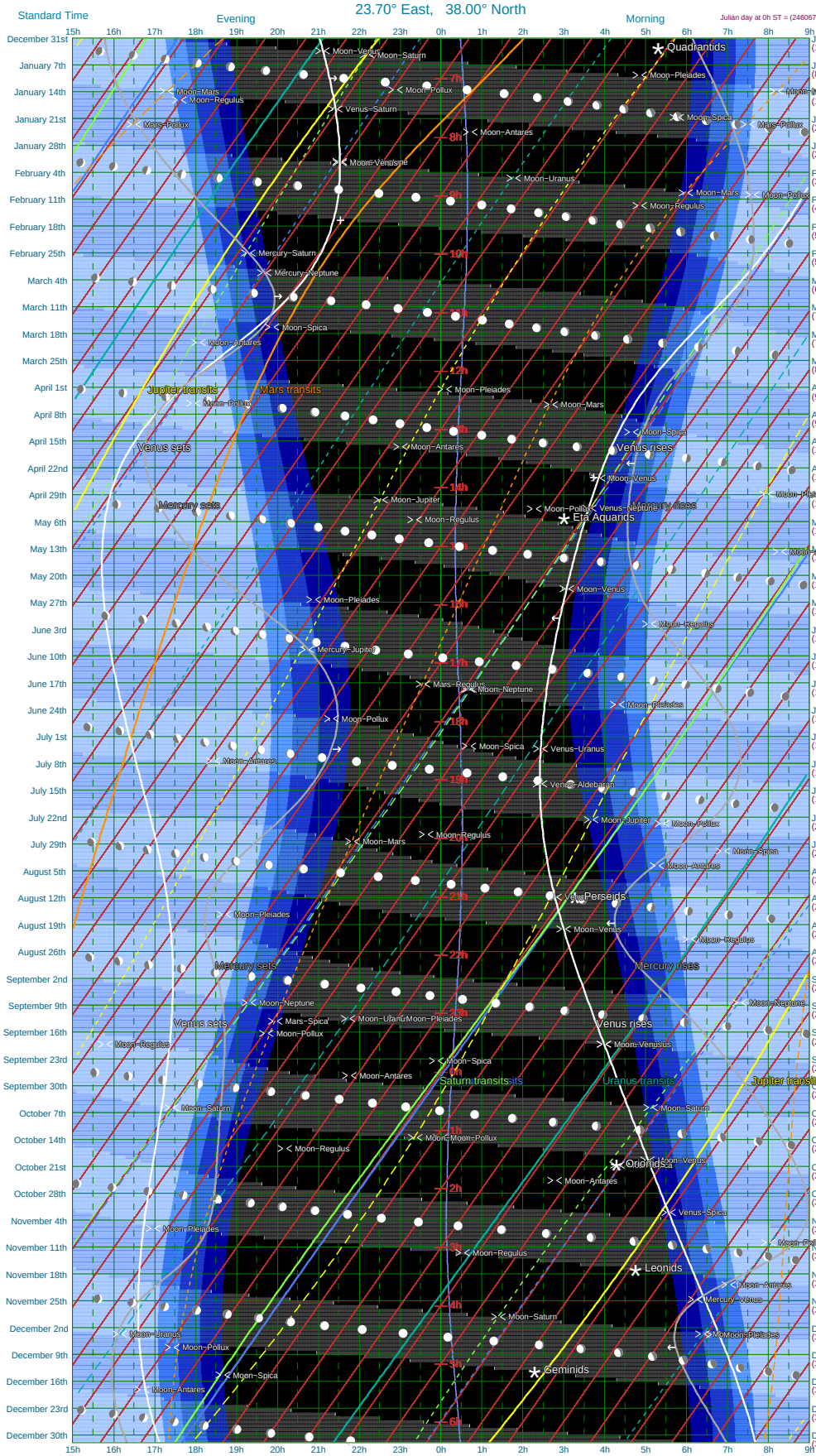
Graphic Almanac 2025



Main Phenomena

Standard Time

January 3rd, 20:40 : the Moon is 1.6° from Venus
January 4th : The Earth at its perihelion (D = 0.983 AU)
January 4th, 20:16 : the Moon is 0.3° from Saturn
January 7th, 01:56 : FIRST QUARTER OF THE MOON
January 8th, 01:34 : Moon at perigee (D = 370171 km)
January 10th, 04:52 : the Moon is 0.2° from the Pleiades
January 10th : Greatest eastern elong. of Venus (47.2°)
January 13th, 22:53 : the Moon is 2.2° from Pollux
January 14th, 00:27 : FULL MOON
January 14th, 06:46 : the Moon is 0.5° from Mars
January 16th, 04:38 : OPPOSITION of Mars with the Sun
January 16th, 17:37 : the Moon is 1.6° from Regulus
January 18th, 23:46 : Venus is 2.2° from Saturn
January 21st, 05:46 : the Moon is 0.7° from Spica
January 21st, 06:55 : Moon at apogee (D = 404298 km)
January 21st, 22:31 : LAST QUARTER OF THE MOON
January 22nd, 22:40 : Mars is 2.4° from Pollux
January 22nd, 22:40 : Mars is 2.4° from Pollux
January 25th, 00:43 : the Moon is 0.5° from Antares
January 29th, 14:36 : NEW MOON
February 1st, 17:46 : Venus is 3.3° from Neptune
February 2nd, 01:09 : the Moon is 2.4° from Venus
February 2nd, 04:43 : Moon at perigee (D = 367457 km)
February 5th, 10:02 : FIRST QUARTER OF THE MOON
February 5th, 22:33 : the Moon is 4.3° from Uranus
February 6th, 08:54 : the Moon is 0.4° from the Pleiades
February 9th, 21:28 : the Moon is 0.6° from Mars
February 10th, 07:36 : the Moon is 2.9° from Pollux
February 12th, 15:53 : FULL MOON
February 13th, 04:52 : the Moon is 1.3° from Regulus
February 16th : VENUS at maximum brightness
February 17th, 14:45 : the Moon is 0.8° from Spica
February 18th, 03:11 : Moon at apogee (D = 404882 km)
February 20th, 19:33 : LAST QUARTER OF THE MOON
February 21st, 12:28 : the Moon is 1.1° from Antares
February 25th, 11:46 : Mercury is 1.4° from Saturn
February 28th, 02:45 : NEW MOON
March 1st, 23:18 : Moon at perigee (D = 361964 km)
March 2nd, 17:46 : Mercury is 1.9° from Neptune
March 5th, 13:58 : the Moon is 0.1° from the Pleiades
March 6th, 18:31 : FIRST QUARTER OF THE MOON
March 8th : Greatest eastern elong. of Mercury (18.2°)
March 9th, 11:59 : the Moon is 2.6° from Pollux
March 12th, 10:09 : the Moon is 1.2° from Regulus
March 14th, 08:55 : FULL MOON
March 14th, 08:59 : Total lunar eclipse (< 50% vis.)
March 16th, 19:53 : the Moon is 0.5° from Spica
March 17th, 18:37 : Moon at apogee (D = 405754 km)
March 20th, 11:01 : SPRING EQUINOX
March 20th, 18:05 : the Moon is 0.6° from Antares
March 22nd, 13:30 : LAST QUARTER OF THE MOON
March 29th, 12:58 : NEW MOON
March 30th, 07:26 : Moon at perigee (D = 358128 km)
April 2nd, 00:05 : the Moon is 0.0° from the Pleiades
April 5th, 04:14 : FIRST QUARTER OF THE MOON
April 5th, 17:57 : the Moon is 2.1° from Pollux
April 5th, 23:39 : the Moon is 1.6° from Mars
April 8th, 14:14 : the Moon is 1.7° from Regulus
April 13th, 02:22 : FULL MOON
April 13th, 04:40 : the Moon is 1.1° from Spica
April 14th, 00:48 : Moon at apogee (D = 406295 km)
April 16th, 23:01 : the Moon is 0.9° from Antares
April 17th : Mars at its aphelion (D = 1.666 AU)
April 21st, 03:36 : LAST QUARTER OF THE MOON
April 21st : Greatest western elong. of Mercury (27.3°)
April 25th, 04:51 : the Moon is 3.0° from Venus
April 25th : VENUS at maximum brightness
April 27th, 18:15 : Moon at perigee (D = 357119 km)
April 27th, 21:31 : NEW MOON
April 29th, 07:57 : the Moon is 0.2° from the Pleiades
April 30th, 21:34 : the Moon is 4.9° from Jupiter
May 2nd, 23:59 : Venus is 2.1° from Neptune
May 3rd, 02:16 : the Moon is 3.0° from Pollux
May 4th, 15:52 : FIRST QUARTER OF THE MOON
May 5th, 23:21 : the Moon is 1.1° from Regulus
May 10th, 10:08 : the Moon is 0.7° from Spica
May 11th, 02:49 : Moon at apogee (D = 406244 km)
May 12th, 18:56 : FULL MOON
May 14th, 08:17 : the Moon is 0.9° from Antares
May 20th, 13:59 : LAST QUARTER OF THE MOON
May 23rd, 23:09 : the Moon is 2.8° from Venus
May 26th, 03:37 : Moon at perigee (D = 359922 km)
May 26th, 20:53 : the Moon is 0.1° from the Pleiades
May 27th, 05:02 : NEW MOON
May 30th, 10:06 : the Moon is 2.6° from Pollux
June 1st : Greatest western elong. of Venus (45.8°)
June 2nd, 05:06 : the Moon is 0.9° from Regulus
June 3rd, 05:41 : FIRST QUARTER OF THE MOON
June 6th, 14:39 : the Moon is 0.7° from Spica
June 7th, 12:40 : Moon at apogee (D = 405553 km)
June 8th, 21:11 : Mercury is 2.0° from Jupiter
June 10th, 12:38 : the Moon is 0.4° from Antares
June 11th, 09:44 : FULL MOON
June 17th, 19:22 : Mars is 0.7° from Regulus
June 19th, 21:19 : LAST QUARTER OF THE MOON
June 19th, 02:19 : the Moon is 2.1° from Saturn
June 19th, 03:45 : the Moon is 1.4° from Neptune
June 21st, 04:42 : SUMMER SOLSTICE
June 23rd, 04:19 : the Moon is 0.2° from the Pleiades
June 23rd, 06:43 : Moon at perigee (D = 363178 km)
June 25th, 12:31 : NEW MOON
June 26th, 21:20 : the Moon is 3.3° from Pollux
June 29th, 13:16 : the Moon is 1.2° from Regulus
July 2nd, 21:30 : FIRST QUARTER OF THE MOON
July 3rd : The Earth at its aphelion (D = 1.017 AU)
July 4th, 00:41 : the Moon is 1.5° from Spica
July 4th : Greatest eastern elong. of Mercury (25.9°)
July 4th, 15:41 : Venus is 2.4° from Uranus
July 5th, 04:29 : Moon at apogee (D = 404627 km)
July 7th, 18:26 : the Moon is 1.0° from Antares
July 10th, 22:37 : FULL MOON
July 13th, 18:28 : Venus is 3.2° from Aldebaran
July 18th, 02:38 : LAST QUARTER OF THE MOON
July 20th, 14:19 : the Moon is 0.4° from the Pleiades
July 20th, 15:52 : Moon at perigee (D = 360641 km)
July 23rd, 04:35 : the Moon is 4.4° from Jupiter
July 24th, 05:24 : the Moon is 2.9° from Pollux
July 24th, 21:11 : NEW MOON
July 25th, 08:30 : OPPOSITION of Pluto with the Sun
July 26th, 23:39 : the Moon is 0.4° from Regulus
July 28th, 21:08 : the Moon is 2.0° from Mars
July 31st, 06:54 : the Moon is 1.2° from Spica
August 1st, 14:41 : FIRST QUARTER OF THE MOON
August 1st, 22:37 : Moon at apogee (D = 404161 km)
August 4th, 05:16 : the Moon is 0.9° from Antares
August 9th, 09:55 : FULL MOON
August 12th, 08:39 : Venus is 0.9° from Jupiter
August 14th, 20:01 : Moon at perigee (D = 369288 km)
August 16th, 07:12 : LAST QUARTER OF THE MOON
August 16th, 18:42 : the Moon is 0.0° from the Pleiades
August 19th : Greatest western elong. of Mercury (18.6°)
August 20th, 13:38 : the Moon is 2.9° from Pollux
August 20th, 17:03 : the Moon is 4.0° from Venus
August 23rd, 06:05 : the Moon is 1.0° from Regulus
August 23rd, 08:06 : NEW MOON
August 27th, 13:45 : the Moon is 1.6° from Spica
August 29th, 17:34 : Moon at apogee (D = 404548 km)
August 31st, 08:25 : FIRST QUARTER OF THE MOON
August 31st, 10:46 : the Moon is 0.9° from Antares
September 7th, 20:09 : FULL MOON
September 7th, 20:12 : Total lunar eclipse (> 50% vis.)
September 8th, 21:23 : the Moon is 1.7° from Neptune
September 10th, 14:09 : Moon at perigee (D = 364777 km)
September 12th, 22:55 : the Moon is 0.2° from the Pleiades
September 12th, 23:46 : the Moon is 4.7° from Uranus
September 13th, 17:59 : Mars is 2.2° from Spica
September 14th, 12:33 : LAST QUARTER OF THE MOON
September 16th, 19:44 : the Moon is 3.2° from Pollux
September 19th, 15:19 : the Moon is 0.6° from Venus
September 19th, 15:48 : the Moon is 0.4° from Regulus
September 19th, 17:59 : Venus is 0.5° from Regulus
September 21st, 07:45 : OPPOSITION of Saturn with the Sun
September 21st, 21:54 : NEW MOON
September 22nd, 20:19 : AUTUMN EQUINOX
September 23rd, 14:54 : OPPOSITION of Neptune with the Sun
September 23rd, 23:53 : the Moon is 1.5° from Spica
September 26th, 11:46 : Moon at apogee (D = 405548 km)
September 27th, 21:46 : the Moon is 1.3° from Antares
September 30th, 01:54 : FIRST QUARTER OF THE MOON
October 6th, 02:48 : the Moon is 3.1° from Saturn
October 7th, 05:47 : FULL MOON
October 8th, 14:36 : Moon at perigee (D = 359819 km)
October 10th, 09:10 : the Moon is 0.5° from the Pleiades
October 13th, 20:12 : LAST QUARTER OF THE MOON
October 13th, 23:46 : the Moon is 3.8° from Jupiter
October 13th, 23:59 : the Moon is 2.9° from Pollux
October 16th, 20:11 : the Moon is 0.4° from Regulus
October 19th, 21:06 : the Moon is 3.9° from Venus
October 21st, 04:19 : the Moon is 1.1° from Spica
October 21st, 14:25 : NEW MOON
October 24th, 01:31 : Moon at apogee (D = 406444 km)
October 25th, 02:47 : the Moon is 0.7° from Antares
October 29th, 18:21 : FIRST QUARTER OF THE MOON
October 30th : Greatest eastern elong. of Mercury (23.7°)
November 2nd, 10:14 : Venus is 3.5° from Spica
November 5th, 15:19 : FULL MOON
November 6th, 00:29 : Moon at perigee (D = 356833 km)
November 6th, 16:58 : the Moon is 0.1° from the Pleiades
November 10th, 07:59 : the Moon is 3.1° from Pollux
November 12th, 07:28 : LAST QUARTER OF THE MOON
November 13th, 00:32 : the Moon is 0.7° from Regulus
November 17th, 11:46 : the Moon is 1.8° from Spica
November 20th, 04:48 : Moon at apogee (D = 406691 km)
November 20th, 08:47 : NEW MOON
November 21st, 07:02 : the Moon is 0.8° from Antares
November 21st, 14:24 : OPPOSITION of Uranus with the Sun
November 25th, 02:34 : Mercury is 1.0° from Venus
November 28th, 08:59 : FIRST QUARTER OF THE MOON
November 29th, 17:46 : the Moon is 2.6° from Saturn
December 4th, 05:25 : the Moon is 4.7° from Uranus
December 4th, 06:39 : the Moon is 0.3° from the Pleiades
December 4th, 13:06 : Moon at perigee (D = 356963 km)
December 5th, 01:14 : FULL MOON
December 7th, 17:27 : the Moon is 3.6° from Pollux
December 8th : Greatest western elong. of Mercury (20.6°)
December 10th, 10:33 : the Moon is 0.2° from Regulus
December 11th, 22:51 : LAST QUARTER OF THE MOON
December 14th, 18:40 : the Moon is 1.8° from Spica
December 17th, 08:09 : Moon at apogee (D = 406322 km)
December 18th, 16:42 : the Moon is 1.1° from Antares
December 20th, 03:43 : NEW MOON
December 21st, 17:03 : WINTER SOLSTICE
December 27th, 21:10 : FIRST QUARTER OF THE MOON
December 31st, 14:37 : the Moon is 0.1° from the Pleiades
January 1st, 23:43 : Moon at perigee (D = 360348 km)

Legend

- Setting or rising of the Sun
- End of civil twilight (Sun 6° below the horizon)
- End of nautical twilight (Sun 12° below the horizon)
- End of astronomical twilight (Sun 18° below the horizon)

The vertical blue line indicates the true middle of the night.
This is the sum of the equation of time and the correction in longitude if the site is not at the center of the time zone.
Add 12 hours to get the time when the Sun transits the meridian.

- Moonset
- Phase and meridian transit of the Moon
- Moonrise

The inclined red lines give the local sidereal time.
6h
This corresponds to the right ascension of the celestial bodies that transit the celestial meridian at that time.
For example, the 6h line indicates when Betelgeuse transits the meridian, since its right ascension is about 6h.

- Setting or rising of Mercury
- Setting or rising of Venus
- Meridian transit of Saturn *
- Rising of Saturn *
- Setting of Saturn *

* (or another planet depending on the color of the line)

- Conjunction or close grouping of celestial bodies
- Greatest elongation of Venus or Mercury
- Maximum brightness of Venus
- Meteor shower