

July

- 01 Venus: 25.4° E
Last quarter Moon
- 02 Venus near Beehive Open Star Cluster
- 04 Mercury at Western Elongation: 21.6° W
- 05 Moon at apogee: 251,842 miles (405,300 km)
Earth at aphelion: 1.0167 AU (94,508,169 miles; 152,096,155 km)
- 06 Moon at ascending node
- 07 Waning crescent Moon—Mercury conjunction
- 09 Moon north Dec.: 25.6° N
New Moon
- 12 Waxing crescent Moon—Venus conjunction
Waxing crescent Moon—Mars conjunction
- 13 Venus—Mars conjunction
- 17 First quarter Moon
- 18 Dwarf planet Pluto at opposition 3.865 AU: 359,274,195 miles (578,195,770 km)
- 20 Moon at descending node
Viking 1 landing on Mars (1976)
- 21 Moon at perigee: 226,490 miles (364,500 km)
Venus—Regulus conjunction
- 22 Moon at most southern declination: 25.6° S
First dogs launched into space (1951)
- 23 Full Moon
- 24 Waning gibbous Moon—Saturn conjunction
- 25 Waning gibbous Moon—Jupiter conjunction
Viking 1 returns face on Mars image (1976)
- 27 Delta Aquarid shower: ZHR = 20
- 29 Mars—Regulus conjunction
- 31 Last quarter Moon
- 11 Waxing crescent Moon—Venus conjunction
ESA BepiColumbo Mercury Orbiter 2nd flyby of Venus
- 12 Perseid shower: ZHR = 90 (Moonlight will not interfere)
- 15 First quarter Moon
- 16 Moon at descending node
- 17 Moon at perigee: 229,348 miles (369,100 km)
- 18 Moon at most southern declination: 25.8° S
Mercury—Mars conjunction
- 19 Jupiter at opposition
Mercury and Mars conjunction
- 20 Waxing gibbous Moon—Saturn conjunction
- 21 Waxing gibbous Moon—Jupiter conjunction
- 22 Full Moon
- 24 Pluto officially a Dwarf planet (2006)
- 25 Summer solstice on Mars
- 29 Moon at apogee: 251,096 miles (404,100 km)
- 30 Moon at ascending node
Last quarter Moon

August

- 01 Mercury at superior conjunction
- 02 Saturn at opposition
Moon at apogee: 251,283 miles (404,400 km)
Moon at ascending node
- 05 Moon at most northern declination: 25.7° N
- 08 New Moon
ESA Solar Orbiter 2nd flyby of Venus
- 09 Parker Solar Probe at 2nd perihelion