

# Sky this Month

## February 2025

By David Mills

**MOON**

**NEW MOON**

# Moon

- The New Moon is on February 27<sup>th</sup> at 7:45 p.m.
- The Moon is south of the sun. Saturn is east of the sun.
- Venus and Mercury are the furthest east of the sun. This month's New Moon is the New Worm Moon.



# Moon

Type: **moon**  
 Magnitude: **0.79**  
 Absolute Magnitude: 45.41  
 RA/Dec (J2000.0): 22h43m29.98s/-10°11'08.8"  
 RA/Dec (on date): 22h44m49.32s/-10°03'15.6"  
 Hour angle/DE: 7h23m27.98s/-10°03'15.6"  
 Az/Alt: +277°25'52.1"/-21°53'49.4"  
 Ecliptic longitude/latitude (J2000.0): +338°30'19.5"/-1°56'49.7"  
 Ecliptic longitude/latitude (on date): +338°51'24.1"/-1°56'56.5"  
 Ecliptic obliquity (on date): +23°26'10"  
 Galactic longitude/latitude: +56°06'58.8"/-55°26'55.3"  
 Mean Sidereal Time: 6h8m17.2s  
 Apparent Sidereal Time: 6h8m17.3s  
 Distance: 0.002453AU (367010.197 km)  
 Apparent diameter: +0°32'32.9"  
 Sidereal period: 27.32 days (0.075 a)  
 Sidereal day: 655h43m11.5s  
 Mean solar day: 708h44m2.8s  
 Phase Angle: +177°52'49"  
 Elongation: +2°06'52"  
 Phase: 0.00  
 Illuminated: 0.0%

W

Mercury

Saturn

Sun

Moon

Date and Time ✕

Date and Time	Julian Day
Fomalhaut 2025 / 2 / 27	19 : 49 : 8

**FULL MOON**

# Moon

- The full Moon is on February 12<sup>th</sup> , at 8:53 a.m.
- Moonrise is at 5:50 p.m. on February 12<sup>th</sup>.
- This month's Full Moon called the Cold Moon.



# Moon

Type: **moon**  
 Magnitude: **-12.23** (extincted to: **-7.72**)  
 Absolute Magnitude: 32.24  
 RA/Dec (J2000.0): 10h08m49.86s/+13°41'03.1"  
 RA/Dec (on date): 10h10m10.90s/+13°33'42.0"  
 Hour angle/DE: 17h05m25.98s/+13°55'58.0" (apparent)  
 Az/Alt: +70°35'50.3"/+0°14'54.6" (apparent)  
 Ecliptic longitude/latitude (J2000.0): +149°19'46.9"/+2°06'41.1"  
 Ecliptic longitude/latitude (on date): +149°40'49.1"/+2°06'51.0"  
 Ecliptic obliquity (on date): +23°26'10"  
 Galactic longitude/latitude: -135°50'46.2"/+49°48'41.1"  
 Mean Sidereal Time: 3h14m8.1s  
 Apparent Sidereal Time: 3h14m8.2s  
 Distance: 0.002633AU (393882.271 km)  
 Apparent diameter: +0°30'19.6"  
 Sidereal period: 27.32 days (0.075 a)  
 Sidereal day: 655h43m11.5s  
 Mean solar day: 708h44m2.8s  
 Phase Angle: +5°35'36"  
 Elongation: +174°23'30"  
 Phase: 1.00  
 Illuminated: 99.8%



Date and Time ✕

Date and Time				Julian Day					
2025	/	2	/	12	17	:	54	:	27

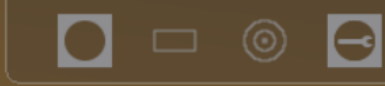


**MERCURY**

# Mercury


- On February 18th, Mercury slowly climbs out of the solar glare.
- Mercury is low on the western horizon. Mercury remains elusive at sunset.

# Mercury



Type: **planet**  
 Magnitude: **-0.51** (extincted to: **3.08**)  
 Absolute Magnitude: 30.48  
 RA/Dec (J2000.0): 22h40m27.56s/-9°55'25.4"  
 RA/Dec (on date): 22h41m46.85s/-9°47'34.8"  
 Hour angle/DE: 5h17m28.21s/-9°29'46.8" (apparent)  
 Az/Alt: +255°48'22.2"/+0°51'36.9" (apparent)  
 Ecliptic longitude/latitude (J2000.0): +337°54'34.8"/-1°25'24.5"  
 Ecliptic longitude/latitude (on date): +338°15'38.3"/-1°25'31.5"  
 Ecliptic obliquity (on date): +23°26'10"  
 Galactic longitude/latitude: +55°46'18.6"/-54°40'50.3"  
 Mean Sidereal Time: 4h0m26.5s  
 Apparent Sidereal Time: 4h0m26.6s  
 Distance: 1.308AU (195.682 Mio km)  
 Apparent diameter: +0°00'05.1"  
 Sidereal period: 87.97 days (0.241 a)  
 Sidereal day: 1407h30m33.8s  
 Mean solar day: 4222h27m52.5s  
 Phase Angle: +22°17'07"  
 Elongation: +7°50'01"  
 Phase: 0.96  
 Illuminated: 96.3%

Saturn



Mercury



W

**Date and Time** ✕

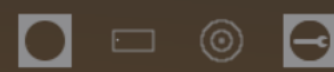
Date and Time				Julian Day					
2025	/	2	/	18	18	:	17	:	2

# Mercury

- On February 24th, Mercury and Saturn Share a close conjunction in the western sky at sunset.
- Both planets are low on the horizon and set quickly.

# Mercury

Neptune



Type: planet

Magnitude: -0.35 (extincted to: 1.55)

Absolute Magnitude: 30.82

RA/Dec (J2000.0): 23h20m24.71s/-4°51'55.7"

RA/Dec (on date): 23h21m42.49s/-4°43'41.1"

Hour angle/DE: 5h24m11.23s/-4°34'04.9" (apparent)

Az/Alt: +260°28'04.1"/+3°10'33.8" (apparent)

Ecliptic longitude/latitude (J2000.0): +348°59'46.2"/-0°33'19.7"

Ecliptic longitude/latitude (on date): +349°20'49.9"/-0°33'22.7"

Ecliptic obliquity (on date): +23°26'10"

Galactic longitude/latitude: +74°38'21.3"/-58°55'03.5"

Mean Sidereal Time: 4h46m32.3s

Apparent Sidereal Time: 4h46m32.4s

Distance: 1.206AU (180,381 Mio km)

Apparent diameter: +0°00'05.6"

Sidereal period: 87.97 days (0.241 a)

Sidereal day: 1407h30m33.8s

Mean solar day: 4222h27m52.5s

Phase Angle: +42°15'51"

Elongation: +12°44'36"

Phase: 0.87

Illuminated: 87.0%



W

Date and Time ✕

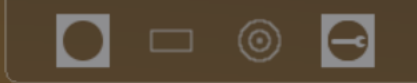
Date and Time			Julian Day		
2025	/	2 / 24	18	:	39 : 25

# Mercury

- On February 28th, Mercury and a baby Moon share at close conjunction at sunset in western twilight sky.
- Both objects are low on the horizon and set quickly.

# Mercury

Type: **planet**  
Magnitude: **-0.17** (extincted to: **0.86**)  
Absolute Magnitude: 31.16  
RA/Dec (J2000.0): 23h44m39.64s/-1°24'51.3"  
RA/Dec (on date): 23h45m57.01s/-1°16'29.2"  
Hour angle/DE: 5h17m6.92s/-1°11'08.3" (apparent)  
Az/Alt: +261°37'12.1"/+6°48'53.2" (apparent)  
Ecliptic longitude/latitude (J2000.0): +355°55'09.6"/+0°13'35.0"  
Ecliptic longitude/latitude (on date): +356°16'13.7"/+0°13'34.6"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +88°13'38.2"/-59°42'30.6"  
Mean Sidereal Time: 5h3m25.3s  
Apparent Sidereal Time: 5h3m25.4s  
Distance: 1.115AU (166.753 Mio km)  
Apparent diameter: +0°00'06.0"  
Sidereal period: 87.97 days (0.241 a)  
Sidereal day: 1407h30m33.8s  
Mean solar day: 4222h27m52.5s  
Phase Angle: +58°59'32"  
Elongation: +15°38'05"  
Phase: 0.76  
Illuminated: 75.8%



Moon

Saturn

W

**Date and Time** [X]

Date and Time			Julian Day		
2025	/	2 / 28	18	:	40 : 31

**VENUS**



# Venus

- On February 1<sup>st</sup>, Venus is well placed in the western sky at sunset.
- On the same evening Venus and a baby Moon share a close conjunction at sunset.



# Venus

Type: planet  
 Magnitude: **-4.59** (extincted to: **-4.33**)  
 Absolute Magnitude: 28.42  
 RA/Dec (J2000.0): 23h48m49.16s/+1°03'28.4"  
 RA/Dec (on date): 23h50m6.19s/+1°11'49.7"  
 Hour angle/DE: 3h04m55.23s/+1°13'10.4" (apparent)  
 Az/Alt: +237°03'30.9"/+30°39'11.9" (apparent)  
 Ecliptic longitude/latitude (J2000.0): +357°51'20.9"/+2°04'56.0"  
 Ecliptic longitude/latitude (on date): +358°12'20.6"/+2°04'56.3"  
 Ecliptic obliquity (on date): +23°26'10"  
 Galactic longitude/latitude: +92°17'22.5"/-58°02'20.9"  
 Mean Sidereal Time: 2h55m5.4s  
 Apparent Sidereal Time: 2h55m5.5s  
 Distance: 0.516AU (77.126 Mio km)  
 Apparent diameter: +0°00'32.4"  
 Sidereal period: 224.70 days (0.615 a)  
 Sidereal day: 5832h28m47.1s  
 Mean solar day: 2802h0m52.2s  
 Phase Angle: +104°43'15"  
 Elongation: +44°53'03"  
 Phase: 0.37  
 Illuminated: 37.3%

Venus  
 Moon

Saturn

W

Date and Time ✕

Date and Time	Julian Day
2025 / 2 / 1	18 : 18 : 42

# Venus

- On February 1<sup>st</sup>, Venus and the young Moon set together at 9:15 p.m. in the western sky.



# Venus

Type: **planet**  
Magnitude: **-4.59** (extincted to: **-0.99**)  
Absolute Magnitude: 28.43  
RA/Dec (J2000.0): 23h49m8.26s/+1°06'45.9"  
RA/Dec (on date): 23h50m25.29s/+1°15'07.3"  
Hour angle/DE: 6h01m15.04s/+1°32'39.2" (apparent)  
Az/Alt: +271°19'24.9"/+0°51'17.0" (apparent)  
Ecliptic longitude/latitude (J2000.0): +357°57'02.4"/+2°06'03.3"  
Ecliptic longitude/latitude (on date): +358°18'02.1"/+2°06'03.7"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +92°28'13.7"/-58°01'34.3"  
Mean Sidereal Time: 5h52m52.1s  
Apparent Sidereal Time: 5h52m52.2s  
Distance: 0.515AU (76.997 Mio km)  
Apparent diameter: +0°00'32.4"  
Sidereal period: 224.70 days (0.615 a)  
Sidereal day: 5832h28m47.1s  
Mean solar day: 2802h0m52.2s  
Phase Angle: +104°49'27"  
Elongation: +44°51'15"  
Phase: 0.37  
Illuminated: 37.2%



**Date and Time** [X]

Date and Time				Julian Day					
2025	/	2	/	1	21	:	15	:	59

# Venus

- On February 28<sup>th</sup> , Venus, Mercury, Moon and Saturn form a straight line just above the western horizon at sunset.
- The baby Moon and Saturn are close to the horizon at sunset.

# Venus



Type: **planet**  
Magnitude: **-4.57** (extincted to: **-4.22**)  
Absolute Magnitude: 29.33  
RA/Dec (J2000.0): 0h27m46.44s/+10°17'57.1"  
RA/Dec (on date): 0h29m4.38s/+10°26'18.2"  
Hour angle/DE: 4h38m15.95s/+10°28'00.4" (apparent)  
Az/Alt: +263°12'26.9"/+21°52'30.1" (apparent)  
Ecliptic longitude/latitude (J2000.0): +10°27'22.7"/+6°42'10.8"  
Ecliptic longitude/latitude (on date): +10°48'24.4"/+6°42'15.8"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +113°25'19.7"/-52°08'06.2"  
Mean Sidereal Time: 5h7m27.5s  
Apparent Sidereal Time: 5h7m27.6s  
Distance: 0.342AU (51.218 Mio km)  
Apparent diameter: +0°00'48.7"  
Sidereal period: 224.70 days (0.615 a)  
Sidereal day: 5832h28m47.1s  
Mean solar day: 2802h0m52.2s  
Phase Angle: +135°01'52"  
Elongation: +30°50'04"  
Phase: 0.15  
Illuminated: 14.6%



Mercury

Moon

Saturn

W

**Date and Time** [X]

Date and Time				Julian Day					
2025	/	2	/	28	18	:	44	:	33

# Venus

- On February 28<sup>th</sup> Venus sets at 8:44 p.m. in the western sky.

# Venus



Type: planet  
Magnitude: **-4.56** (extincted to: **-0.94**)  
Absolute Magnitude: 29.34  
RA/Dec (J2000.0): 0h27m45.74s/+10°18'47.2"  
RA/Dec (on date): 0h29m3.68s/+10°27'08.3"  
Hour angle/DE: 6h37m52.76s/+10°45'02.1" (apparent)  
Az/Alt: +284°15'56.6"/+0°50'10.3" (apparent)  
Ecliptic longitude/latitude (J2000.0): +10°27'33.2"/+6°43'00.9"  
Ecliptic longitude/latitude (on date): +10°48'35.0"/+6°43'05.8"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +113°25'15.3"/-52°07'15.2"  
Mean Sidereal Time: 7h8m8.9s  
Apparent Sidereal Time: 7h8m9.0s  
Distance: 0.342AU (51.157 Mio km)  
Apparent diameter: +0°00'48.8"  
Sidereal period: 224.70 days (0.615 a)  
Sidereal day: 5832h28m47.1s  
Mean solar day: 2802h0m52.2s  
Phase Angle: +135°09'26"  
Elongation: +30°45'28"  
Phase: 0.15  
Illuminated: 14.5%

W



Date and Time ✕

Date and Time				Julian Day					
2025	/	2	/	28	20	:	44	:	54



**MARS**

# Mars

- On February 1<sup>st</sup>, Mars is well placed in the eastern sky at sunset.
- Now visible until morning twilight.

# Mars

Type: planet  
Magnitude: **-1.04** (extincted to: **-0.78**)  
Absolute Magnitude: 31.35  
RA/Dec (J2000.0): 7h28m35.61s/+26°09'54.4"  
RA/Dec (on date): 7h30m7.99s/+26°06'52.0"  
Hour angle/DE: 19h11m47.90s/+26°07'54.6" (apparent)  
Az/Alt: +81°52'19.1"/+30°22'22.5" (apparent)  
Ecliptic longitude/latitude (J2000.0): +109°50'03.4"/+4°14'17.0"  
Ecliptic longitude/latitude (on date): +110°11'04.4"/+4°14'36.4"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: -167°17'46.5"/+19°16'08.5"  
Mean Sidereal Time: 2h41m49.8s  
Apparent Sidereal Time: 2h41m49.9s  
Distance: 0.688AU (102.906 Mio km)  
Apparent diameter: +0°00'13.6"  
Sidereal period: 686.97 days (1.881 a)  
Sidereal day: 24h37m22.7s  
Mean solar day: 24h39m35.2s  
Phase Angle: +13°53'11"  
Elongation: +156°28'13"  
Phase: 0.99  
Illuminated: 98.5%



E

Date and Time						
Date and Time			Julian Day			
2025	/	2	/	1	18	: 5 : 28

# Mars

- On February 1<sup>st</sup>, Mars sets in the western sky at daybreak.

# Mars



Type: planet  
Magnitude: -1.05 (extincted to: 2.12)  
Absolute Magnitude: 31.34  
RA/Dec (J2000.0): 7h29m10.49s/+26°09'03.4"  
RA/Dec (on date): 7h30m42.84s/+26°05'59.8"  
Hour angle/DE: 7h47m4.97s/+26°23'06.2" (apparent)  
Az/Alt: +306°52'12.9"/+1°14'14.9" (apparent)  
Ecliptic longitude/latitude (J2000.0): +109°57'56.7"/+4°14'37.5"  
Ecliptic longitude/latitude (on date): +110°18'57.6"/+4°14'56.8"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: -167°13'53.9"/+19°23'07.0"  
Mean Sidereal Time: 15h18m51.0s  
Apparent Sidereal Time: 15h18m51.1s  
Distance: 0.686AU (102.603 Mio km)  
Apparent diameter: +0°00'13.7"  
Sidereal period: 686.97 days (1.881 a)  
Sidereal day: 24h37m22.7s  
Mean solar day: 24h39m35.2s  
Phase Angle: +13°32'56"  
Elongation: +157°04'01"  
Phase: 0.99  
Illuminated: 98.6%



Capella

Date and Time ✕

Date and Time				Julian Day					
2025	/	2	/	1	6	:	44	:	22

# Mars

- On February 9th, Mars and the Moon appear together in a wide conjunction in the eastern sky at sunset.
- Both objects are 5 degrees apart.

# Mars



Type: **planet**  
Magnitude: **-0.82** (extincted to: **-0.61**)  
Absolute Magnitude: 31.44  
RA/Dec (J2000.0): 7h20m11.72s/+26°16'35.6"  
RA/Dec (on date): 7h21m44.45s/+26°13'50.3"  
Hour angle/DE: 20h02m17.46s/+26°14'34.2" (apparent)  
Az/Alt: +90°09'36.9"/+39°26'39.0" (apparent)  
Ecliptic longitude/latitude (J2000.0): +107°56'57.8"/+4°04'40.7"  
Ecliptic longitude/latitude (on date): +108°17'59.5"/+4°05'00.2"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: -168°08'35.8"/+17°33'43.2"  
Mean Sidereal Time: 3h23m57.5s  
Apparent Sidereal Time: 3h23m57.6s  
Distance: 0.729AU (108,998 Mio km)  
Apparent diameter: +0°00'12.9"  
Sidereal period: 686.97 days (1.881 a)  
Sidereal day: 24h37m22.7s  
Mean solar day: 24h39m35.2s  
Phase Angle: +19°16'39"  
Elongation: +146°36'47"  
Phase: 0.97  
Illuminated: 97.2%



E

Date and Time ✕

Date and Time			Julian Day		
2025	/	2	/	9	18
					: 16
					: 2

# Mars

- On February 28th, Mars is well placed in the southeastern sky at sunset.



# Mars

Type: planet  
Magnitude: **-0.29** (extincted to: **-0.14**)  
Absolute Magnitude: 31.61  
RA/Dec (J2000.0): 7h14m52.01s/+25°53'38.7"  
RA/Dec (on date): 7h16m24.81s/+25°51'04.6"  
Hour angle/DE: 21h59m31.32s/+25°51'29.6" (apparent)  
Az/Alt: +117°08'27.6"/+59°30'23.8" (apparent)  
Ecliptic longitude/latitude (J2000.0): +106°48'41.5"/+3°32'26.0"  
Ecliptic longitude/latitude (on date): +107°09'46.1"/+3°32'46.2"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: -168°15'03.7"/+16°18'36.5"  
Mean Sidereal Time: 5h15m54.2s  
Apparent Sidereal Time: 5h15m54.3s  
Distance: 0.862AU (128.967 Mio km)  
Apparent diameter: +0°00'10.9"  
Sidereal period: 686.97 days (1.881 a)  
Sidereal day: 24h37m22.7s  
Mean solar day: 24h39m35.2s  
Phase Angle: +28°47'27"  
Elongation: +126°26'08"  
Phase: 0.94  
Illuminated: 93.8%



E

S

Date and Time ✕

Date and Time				Julian Day					
2025	/	2	/	28	18	:	52	:	58

# Mars

- On February 28th, Mars sets at 4:40 a.m. in the northwestern sky.
- Visible most of the night.

# Mars



Type: **planet**  
Magnitude: **-0.30** (extincted to: **2.65**)  
Absolute Magnitude: 31.60  
RA/Dec (J2000.0): 7h14m43.14s/+25°54'53.7"  
RA/Dec (on date): 7h16m15.95s/+25°52'19.9"  
Hour angle/DE: 7h44m10.41s/+26°08'14.2" (apparent)  
Az/Alt: +306°12'38.4"/+1°27'56.1" (apparent)  
Ecliptic longitude/latitude (J2000.0): +106°46'33.0"/+3°33'25.1"  
Ecliptic longitude/latitude (on date): +107°07'37.5"/+3°33'45.3"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: -168°17'03.8"/+16°17'15.1"  
Mean Sidereal Time: 15h1m25.6s  
Apparent Sidereal Time: 15h1m25.7s  
Distance: 0.857AU (128,261 Mio km)  
Apparent diameter: +0°00'10.9"  
Sidereal period: 686.97 days (1.881 a)  
Sidereal day: 24h37m22.7s  
Mean solar day: 24h39m35.2s  
Phase Angle: +28°33'59"  
Elongation: +126°59'20"  
Phase: 0.94  
Illuminated: 93.9%



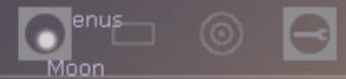
Date and Time					
Date and Time			Julian Day		
2025	/	2	/	28	4 : 40 : 49

**JUPITER**

# Jupiter

- On February 1st, Jupiter is well placed in the southeastern sky at sunset.

# Jupiter



Type: **planet**  
Magnitude: **-2.52** (extincted to: **-2.36**)  
Absolute Magnitude: 25.76  
RA/Dec (J2000.0): 4h37m44.84s/+21°35'48.6"  
RA/Dec (on date): 4h39m14.27s/+21°38'52.1"  
Hour angle/DE: 21h41m5.40s/+21°39'24.3" (apparent)  
Az/Alt: +116°57'54.0"/+53°33'19.7" (apparent)  
Ecliptic longitude/latitude (J2000.0): +70°56'16.2"/-0°29'31.1"  
Ecliptic longitude/latitude (on date): +71°17'16.1"/-0°29'11.0"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +177°03'47.9"/-16°44'10.2"  
Mean Sidereal Time: 2h20m17.4s  
Apparent Sidereal Time: 2h20m17.5s  
Distance: 4.556AU (681.609 Mio km)  
Apparent diameter: +0°00'43.3"  
Sidereal period: 4331.87 days (11.860 a)  
Sidereal day: 9h55m29.7s  
Mean solar day: 9h55m33.1s  
Phase Angle: +9°50'30"  
Elongation: +117°57'05"  
Phase: 0.99  
Illuminated: 99.3%

Saturn

E

S

Date and Time		Date and Time		Date and Time		Date and Time			
Date and Time		Date and Time		Date and Time		Date and Time			
Date and Time		Date and Time		Date and Time		Date and Time			
2025	/	2	/	1	17	:	44	:	0

# Jupiter

- On February 1st, Jupiter sets at 3:30 a.m. in the western sky.

# Jupiter

Type: planet  
 Magnitude: -2.53 (extincted to: 0.60)  
 Absolute Magnitude: 25.76  
 RA/Dec (J2000.0): 4h37m46.19s/+21°35'43.2"  
 RA/Dec (on date): 4h39m15.61s/+21°38'46.6"  
 Hour angle/DE: 7h24m9.62s/+21°55'06.6" (apparent)  
 Az/Alt: +299°59'17.0"/+1°16'47.4" (apparent)  
 Ecliptic longitude/latitude (J2000.0): +70°56'34.1"/-0°29'39.1"  
 Ecliptic longitude/latitude (on date): +71°17'34.4"/-0°29'19.0"  
 Ecliptic obliquity (on date): +23°26'10"  
 Galactic longitude/latitude: +177°04'04.7"/-16°43'59.0"  
 Mean Sidereal Time: 12h4m28.2s  
 Apparent Sidereal Time: 12h4m28.3s  
 Distance: 4.548AU (680.344 Mio km)  
 Apparent diameter: +0°00'43.4"  
 Sidereal period: 4331.87 days (11.860 a)  
 Sidereal day: 9h55m29.7s  
 Mean solar day: 9h55m33.1s  
 Phase Angle: +9°47'07"  
 Elongation: +118°33'18"  
 Phase: 0.99  
 Illuminated: 99.3%

Mars

Capella

Jupiter

W

**Date and Time** ✕

Date and Time			Julian Day						
2025	/	2	/	1	3	:	30	:	31



# Jupiter

- On February 6th, Jupiter and a Gibbous Moon appear together in wide conjunction at sunset high in the southeastern sky.
- Jupiter is also in a close conjunction with the Hyades and the Moon is level to M45.

# Jupiter

Type: planet  
Magnitude: -2.48 (extincted to: -2.34)  
Absolute Magnitude: 25.76  
RA/Dec (J2000.0): 4h37m44.50s/+21°36'53.3"  
RA/Dec (on date): 4h39m13.99s/+21°39'56.8"  
Hour angle/DE: 22h49m40.00s/+21°40'23.6" (apparent)  
Az/Alt: +141°36'57.6"/+63°07'12.0" (apparent)  
Ecliptic longitude/latitude (J2000.0): +70°56'20.5"/-0°28'26.4"  
Ecliptic longitude/latitude (on date): +71°17'21.8"/-0°28'06.3"  
Ecliptic obliquity (on date): +23°26'10" Alnath  
Galactic longitude/latitude: +177°02'52.3"/-16°43'33.1"  
Mean Sidereal Time: 3h28m52.9s  
Apparent Sidereal Time: 3h28m52.9s  
Distance: 4.630AU (692.662 Mio km)  
Apparent diameter: +0°00'42.6"  
Sidereal period: 4331.87 days (11.860 a)  
Sidereal day: 9h55m29.7s  
Mean solar day: 9h55m33.1s  
Phase Angle: +10°16'34"  
Elongation: +112°50'55"  
Phase: 0.99  
Illuminated: 99.2%



Moon

Uranus

Jupiter

Aldebaran

Date and Time

Date and Time			Julian Day		
2025	/	2	/	6	18 : 32 : 44

Bellatrix

Betelgeuse

# Jupiter

- On February 28th, Jupiter is near the zenith in the southwestern sky at sunset.

# Jupiter

Type: planet  
Magnitude: -2.32 (extincted to: -2.18)  
Absolute Magnitude: 25.77  
RA/Dec (J2000.0): 4h41m53.74s/+21°49'21.1"  
RA/Dec (on date): 4h43m23.66s/+21°52'17.0"  
Hour angle/DE: 0h17m27.63s/+21°52'42.0" (apparent)  
Az/Alt: +190°32'30.3"/+67°17'26.0" (apparent)  
Ecliptic longitude/latitude (J2000.0): +71°55'23.4"/-0°23'59.1"  
Ecliptic longitude/latitude (on date): +72°16'27.6"/-0°23'38.4"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +177°30'37.2"/-15°50'39.9"  
Mean Sidereal Time: 5h0m51.5s  
Apparent Sidereal Time: 5h0m51.5s  
Distance: 4.977AU (744.535 Mio km)  
Apparent diameter: +0°00'39.6"  
Sidereal period: 4331.87 days (11.860 a)  
Sidereal day: 9h55m29.7s  
Mean solar day: 9h55m33.1s  
Phase Angle: +11°11'35"  
Elongation: +91°38'19"  
Phase: 0.99  
Illuminated: 99.0%

Sirius

Jupiter

Venus

Mercury

Moon

Saturn

S

W

Date and Time

Date and Time				Julian Day					
2025	/	2	/	28	18	:	37	:	58

# Jupiter

- On February 28th, Jupiter sets at 1:52 a.m. in the northwestern sky.

# Jupiter

Capella



Type: **planet**  
Magnitude: **-2.33** (extincted to: **1.28**)  
Absolute Magnitude: 25.77  
RA/Dec (J2000.0): 4h41m39.78s/+21°48'46.4"  
RA/Dec (on date): 4h43m9.68s/+21°51'42.7"  
Hour angle/DE: 7h28m13.47s/+22°10'34.3" (apparent)  
Az/Alt: +300°52'05.0"/+0°50'42.5" (apparent)  
Ecliptic longitude/latitude (J2000.0): +71°52'06.1"/-0°24'07.6"  
Ecliptic longitude/latitude (on date): +72°13'10.1"/-0°23'46.9"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +177°28'59.3"/-15°53'33.5"  
Mean Sidereal Time: 12h12m35.0s  
Apparent Sidereal Time: 12h12m35.1s  
Distance: 4.966AU (742.849 Mio km)  
Apparent diameter: +0°00'39.7"  
Sidereal period: 4331.87 days (11.860 a)  
Sidereal day: 9h55m29.7s  
Mean solar day: 9h55m33.1s  
Phase Angle: +11°11'15"  
Elongation: +92°16'58"  
Phase: 0.99  
Illuminated: 99.0%

Jupiter

Date and Time

Date and Time				Julian Day					
2025	/	2	/	28	1	:	52	:	27

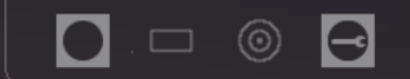
**SATURN**

# Saturn

- On February 1<sup>st</sup>, Saturn is well placed in the southwestern sky at sunset.



# Saturn



Type: planet  
Magnitude: 1.14 (extincted to: 1.50)  
Absolute Magnitude: 27.62  
RA/Dec (J2000.0): 23h15m51.56s/-6°50'00.3"  
RA/Dec (on date): 23h17m9.45s/-6°41'48.8"  
Hour angle/DE: 3h28m34.55s/-6°39'44.6" (apparent)  
Az/Alt: +237°01'39.4"/+20°48'22.7" (apparent)  
Ecliptic longitude/latitude (J2000.0): +347°11'01.8"/-1°55'24.9"  
Ecliptic longitude/latitude (on date): +347°32'03.0"/-1°55'28.5"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +70°22'55.2"/-59°33'45.1"  
Mean Sidereal Time: 2h45m50.2s  
Apparent Sidereal Time: 2h45m50.3s  
Distance: 10.420AU (1558.750 Mio km)  
Apparent diameter: +0°00'16.0", with rings: +0°00'37.2"  
Sidereal period: 10760.00 days (29.459 a)  
Sidereal day: 10h39m22.4s  
Mean solar day: 10h39m24.0s  
Phase Angle: +3°18'11"  
Elongation: +34°13'42"  
Phase: 1.00  
Illuminated: 99.9%

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Date and Time ✕

Date and Time			Julian Day		
2025	/	2	/	1	18 : 9 : 28

# Saturn

- On February 1st, Saturn sets at 8:15 p.m. in the western sky.

# Saturn



Type: planet  
Magnitude: 1.14 (extincted to: 5.60)  
Absolute Magnitude: 27.62  
RA/Dec (J2000.0): 23h15m53.67s/-6°49'46.6"  
RA/Dec (on date): 23h17m11.56s/-6°41'35.0"  
Hour angle/DE: 5h33m35.86s/-6°19'59.2" (apparent)  
Az/Alt: +260°51'58.4"/+0°16'14.4" (apparent)  
Ecliptic longitude/latitude (J2000.0): +347°11'36.2"/-1°55'24.5"  
Ecliptic longitude/latitude (on date): +347°32'37.3"/-1°55'28.1"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +70°23'58.2"/-59°33'57.8"  
Mean Sidereal Time: 4h52m15.3s  
Apparent Sidereal Time: 4h52m15.4s  
Distance: 10.420AU (1558.874 Mio km)  
Apparent diameter: +0°00'16.0", with rings: +0°00'37.2"  
Sidereal period: 10760.00 days (29.459 a)  
Sidereal day: 10h39m22.4s  
Mean solar day: 10h39m24.0s  
Phase Angle: +3°17'48"  
Elongation: +34°08'56"  
Phase: 1.00  
Illuminated: 99.9%

Saturn

W

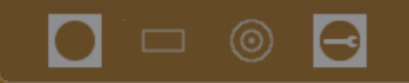
Date and Time

Date and Time			Julian Day		
2025	/	2	/	1	20 : 15 : 33

# Saturn

- On February 24th, Saturn and Mercury share a close conjunction low in the west at sunset.
- Both planets are less than 10 degrees above the horizon at sunset.

# Saturn



Type: **planet**  
Magnitude: **1.14** (extincted to: **2.67**)  
Absolute Magnitude: 27.59  
RA/Dec (J2000.0): 23h25m43.32s/-5°46'28.5"  
RA/Dec (on date): 23h27m1.13s/-5°38'11.8"  
Hour angle/DE: 5h14m21.19s/-5°30'18.9" (apparent)  
Az/Alt: +258°03'59.2"/+4°14'26.8" (apparent)  
Ecliptic longitude/latitude (J2000.0): +349°51'18.1"/-1°54'38.3"  
Ecliptic longitude/latitude (on date): +350°12'22.2"/-1°54'41.0"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +75°24'16.6"/-60°28'29.2"  
Mean Sidereal Time: 4h41m53.6s  
Apparent Sidereal Time: 4h41m53.7s  
Distance: 10.573AU (1581.627 Mio km)  
Apparent diameter: +0°00'15.7", with rings: +0°00'36.6"  
Sidereal period: 10760.00 days (29.459 a)  
Sidereal day: 10h39m22.4s  
Mean solar day: 10h39m24.0s  
Phase Angle: +1°23'59"  
Elongation: +13°43'28"  
Phase: 1.00  
Illuminated: 100.0%

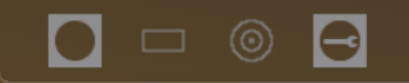


Date and Time					
Date and Time			Julian Day		
2025	/	2	/	24	18 : 34 : 47

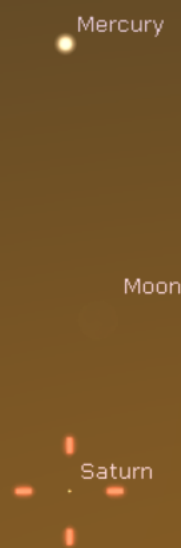
# Saturn

- On February 28th, Saturn, Mercury and a baby Moon form a short, curved line above the western horizon at sunset.
- Saturn and the Moon are low in west.

# Saturn



Type: **planet**  
Magnitude: **1.14** (extincted to: **3.47**)  
Absolute Magnitude: 27.59  
RA/Dec (J2000.0): 23h27m31.21s/-5°34'59.0"  
RA/Dec (on date): 23h28m49.02s/-5°26'41.5"  
Hour angle/DE: 5h26m21.86s/-5°15'00.9" (apparent)  
Az/Alt: +260°22'02.1"/+2°18'37.4" (apparent)  
Ecliptic longitude/latitude (J2000.0): +350°20'30.8"/-1°54'38.7"  
Ecliptic longitude/latitude (on date): +350°41'35.7"/-1°54'41.2"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +76°20'50.4"/-60°37'22.4"  
Mean Sidereal Time: 4h55m57.9s  
Apparent Sidereal Time: 4h55m58.0s  
Distance: 10.586AU (1583.642 Mio km)  
Apparent diameter: +0°00'15.7", with rings: +0°00'36.6"  
Sidereal period: 10760.00 days (29.459 a)  
Sidereal day: 10h39m22.4s  
Mean solar day: 10h39m24.0s  
Phase Angle: +1°02'59"  
Elongation: +10°14'19"  
Phase: 1.00  
Illuminated: 100.0%



W

Date and Time ✕

Date and Time			Julian Day		
2025	/	2 / 28	18	:	33 : 5

# Saturn

- On February 28th, Saturn sets at 6:46 p.m. in the western sky.



# Saturn

Type: planet  
Magnitude: 1.14 (extincted to: 5.91)  
Absolute Magnitude: 27.59  
RA/Dec (J2000.0): 23h27m31.48s/-5°34'57.4"  
RA/Dec (on date): 23h28m49.28s/-5°26'39.8"  
Hour angle/DE: 5h39m34.57s/-5°03'47.8" (apparent)  
Az/Alt: +262°48'52.8"/+0°06'12.7" (apparent)  
Ecliptic longitude/latitude (J2000.0): +350°20'35.1"/-1°54'38.7"  
Ecliptic longitude/latitude (on date): +350°41'40.0"/-1°54'41.2"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +76°20'58.7"/-60°37'23.7"  
Mean Sidereal Time: 5h9m57.2s  
Apparent Sidereal Time: 5h9m57.3s  
Distance: 10.586AU (1583.647 Mio km)  
Apparent diameter: +0°00'15.7", with rings: +0°00'36.6"  
Sidereal period: 10760.00 days (29.459 a)  
Sidereal day: 10h39m22.4s  
Mean solar day: 10h39m24.0s  
Phase Angle: +1°02'56"  
Elongation: +10°13'49"  
Phase: 1.00  
Illuminated: 100.0%

Mercury

Moon

Saturn

W

Date and Time

Date and Time				Julian Day					
2025	/	2	/	28	18	:	46	:	2

**URANUS**

# Uranus

- On February 1<sup>st</sup>, Uranus is almost overhead the southern sky sunset.
- Uranus sits just a few degrees west of M45

# Uranus



Type: **planet**  
Magnitude: **5.70** (extincted to: **5.84**)  
Absolute Magnitude: 30.84  
RA/Dec (J2000.0): 3h22m18.96s/+18°15'50.7"  
RA/Dec (on date): 3h23m44.48s/+18°21'15.5"  
Hour angle/DE: 0h05m57.37s/+18°21'44.8" (apparent)  
Az/Alt: +183°13'43.8"/+64°01'56.3" (apparent)  
Ecliptic longitude/latitude (J2000.0): +52°54'46.3"/-0°14'40.0"  
Ecliptic longitude/latitude (on date): +53°15'46.8"/-0°14'22.7"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +166°00'16.2"/-31°42'37.1"  
Mean Sidereal Time: 3h29m41.8s  
Apparent Sidereal Time: 3h29m41.9s  
Distance: 19.355AU (2895.418 Mio km)  
Apparent diameter: +0°00'03.6", with rings: +0°00'13.9"  
Sidereal period: 30685.00 days (84.011 a)  
Sidereal day: 17h14m24.0s  
Mean solar day: 17h14m22.5s  
Phase Angle: +2°50'49"  
Elongation: +99°52'43"  
Phase: 1.00  
Illuminated: 99.9%



Date and Time						
Date and Time			Julian Day			
2025	/	2	/	1	18	: 53 : 13

# Uranus

- On February 1<sup>st</sup>, Uranus sets at 2:05 a.m. in the western sky.

# Uranus

Type: planet  
Magnitude: 5.70 (extincted to: 9.70)  
Absolute Magnitude: 30.84  
RA/Dec (J2000.0): 3h22m18.64s/+18°15'48.5"  
RA/Dec (on date): 3h23m44.15s/+18°21'13.3"  
Hour angle/DE: 7h13m39.11s/+18°41'37.6" (apparent)  
Az/Alt: +296°00'00.5"/+0°33'23.8" (apparent)  
Ecliptic longitude/latitude (J2000.0): +52°54'41.4"/+0°14'41.0"  
Ecliptic longitude/latitude (on date): +53°15'41.7"/-0°14'23.7"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +166°00'13.8"/-31°42'41.7"  
Mean Sidereal Time: 10h38m42.7s  
Apparent Sidereal Time: 10h38m42.7s  
Distance: 19.343AU (2893.664 Mio km)  
Apparent diameter: +0°00'03.6", with rings: +0°00'13.9"  
Sidereal period: 30685.00 days (84.011 a)  
Sidereal day: 17h14m24.0s  
Mean solar day: 17h14m22.5s  
Phase Angle: +2°50'25"  
Elongation: +100°35'08"  
Phase: 1.00  
Illuminated: 99.9%

Uranus

Date and Time

Date and Time	Julian Day
2025 / 2 / 1	2 : 4 : 59

# Uranus

- On February 28th, Uranus is high in the western sky at sunset.



# Uranus

Type: planet  
 Magnitude: 5.75 (extincted to: 5.91) Rigel  
 Absolute Magnitude: 30.84  
 RA/Dec (J2000.0): 3h23m49.86s/+18°22'02.4"  
 RA/Dec (on date): 3h25m15.73s/+18°27'26.0"  
 Hour angle/DE: 2h07m21.65s/+18°28'01.4" (apparent)  
 Az/Alt: +236°06'50.8"/+52°55'54.3" (apparent)  
 Ecliptic longitude/latitude (J2000.0): +53°17'12.7"/-0°14'05.9"  
 Ecliptic longitude/latitude (on date): +53°38'16.9"/-0°13'48.1"  
 Ecliptic obliquity (on date): +23°26'10"  
 Galactic longitude/latitude: +166°15'01.4"/-31°24'01.3"  
 Mean Sidereal Time: 5h32m39.3s  
 Apparent Sidereal Time: 5h32m39.4s  
 Distance: 19.810AU (2963.582 Mio km)  
 Apparent diameter: +0°00'03.6", with rings: +0°00'13.6"  
 Sidereal period: 30685.00 days (84.011 a)  
 Sidereal day: 17h14m24.0s  
 Mean solar day: 17h14m22.5s  
 Phase Angle: +2°46'44"  
 Elongation: +72°58'49"  
 Phase: 1.00  
 Illuminated: 99.9%



Venus

Mercury

Mars

S

W

Date and Time ✕

Date and Time				Julian Day					
2025	/	2	/	28	19	:	9	:	40



# Uranus

- On February 28th, Uranus sets at 12:20 a.m. in the western sky.

# Uranus

Type: planet  
Magnitude: 5.75 (extincted to: 9.65)  
Absolute Magnitude: 30.84  
RA/Dec (J2000.0): 3h23m45.10s/+18°21'43.8"  
RA/Dec (on date): 3h25m10.95s/+18°27'07.5"  
Hour angle/DE: 7h13m37.20s/+18°47'01.9" (apparent)  
Az/Alt: +296°03'20.8"/+0°37'40.4" (apparent)  
Ecliptic longitude/latitude (J2000.0): +53°16'02.3"/-0°14'06.9"  
Ecliptic longitude/latitude (on date): +53°37'06.3"/-0°13'49.1"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +166°14'14.6"/-31°24'59.2"  
Mean Sidereal Time: 10h40m5.6s  
Apparent Sidereal Time: 10h40m5.7s  
Distance: 19.798AU (2961.669 Mio km)  
Apparent diameter: +0°00'03.6", with rings: +0°00'13.6"  
Sidereal period: 30685.00 days (84.011 a)  
Sidereal day: 17h14m24.0s  
Mean solar day: 17h14m22.5s  
Phase Angle: +2°47'22"  
Elongation: +73°44'49"  
Phase: 1.00  
Illuminated: 99.9%

Uranus

Date and Time

Date and Time		Julian Day	
2025	/ 2 / 28	0	: 20 : 12

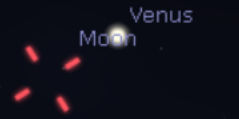
**NEPTUNE**

# Neptune

- On February 1st, Neptune is well placed in the western sky at evening twilight.
- Neptune is next to a baby Moon and Venus.

# Neptune

Type: **planet**  
Magnitude: **7.94** (extincted to: **8.23**)  
Absolute Magnitude: 32.08  
RA/Dec (J2000.0): 23h53m23.85s/-2°05'56.2"  
RA/Dec (on date): 23h54m40.97s/-1°57'34.3"  
Hour angle/DE: 3h17m10.75s/-1°55'58.3" (apparent)  
Az/Alt: +237°40'41.8"/+26°17'27.2" (apparent)  
Ecliptic longitude/latitude (J2000.0): +357°39'03.0"/-1°16'09.7"  
Ecliptic longitude/latitude (on date): +358°00'03.9"/-1°16'09.5"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +91°25'45.8"/-61°22'08.0"  
Mean Sidereal Time: 3h11m56.5s  
Apparent Sidereal Time: 3h11m56.6s  
Distance: 30.587AU (4575.684 Mio km)  
Apparent diameter: +0°00'02.2", with rings: +0°00'05.7"  
Sidereal period: 60189.00 days (164.789 a)  
Sidereal day: 16h6m36.0s  
Mean solar day: 16h6m36.6s  
Phase Angle: +1°19'39"  
Elongation: +44°38'37"  
Phase: 1.00  
Illuminated: 100.0%



Saturn

W

Date and Time					
Date and Time			Julian Day		
2025	/	2	/	1	18 : 35 : 30

# Neptune

- On February 1st, Neptune sets at 9:11 p.m. in the western sky.



# Neptune

Type: **planet**  
 Magnitude: **7.94** (extincted to: **12.35**)  
 Absolute Magnitude: 32.08  
 RA/Dec (J2000.0): 23h53m24.54s/-2°05'51.6"  
 RA/Dec (on date): 23h54m41.66s/-1°57'29.7"  
 Hour angle/DE: 5h52m3.04s/-1°36'15.5" (apparent)  
 Az/Alt: +267°27'50.1"/+0°18'04.2" (apparent)  
 Ecliptic longitude/latitude (J2000.0): +357°39'14.3"/-1°16'09.5"  
 Ecliptic longitude/latitude (on date): +358°00'15.2"/-1°16'09.3"  
 Ecliptic obliquity (on date): +23°26'10"  
 Galactic longitude/latitude: +91°26'09.2"/-61°22'08.7"  
 Mean Sidereal Time: 5h48m11.6s  
 Apparent Sidereal Time: 5h48m11.7s  
 Distance: 30.588AU (4575.885 Mio km)  
 Apparent diameter: +0°00'02.2", with rings: +0°00'05.7"  
 Sidereal period: 60189.00 days (164.789 a)  
 Sidereal day: 16h6m36.0s  
 Mean solar day: 16h6m36.6s  
 Phase Angle: +1°19'30"  
 Elongation: +44°32'11"  
 Phase: 1.00  
 Illuminated: 100.0%



Date and Time					
Date and Time			Julian Day		
2025	/	2	/	1	21 : 11 : 20

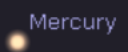
# Neptune

- On February 28<sup>th</sup>, Neptune low in the west at sunset.
- Neptune is visible for only 45 minutes after sunset.



# Neptune

Type: **planet**  
Magnitude: **7.95** (extincted to: **9.33**)  
Absolute Magnitude: 32.08  
RA/Dec (J2000.0): 23h56m40.65s/-1°44'10.5"  
RA/Dec (on date): 23h57m57.98s/-1°35'46.9"  
Hour angle/DE: 5h27m10.56s/-1°28'42.7" (apparent)  
Az/Alt: +263°11'31.7"/+4°49'26.9" (apparent)  
Ecliptic longitude/latitude (J2000.0): +358°32'50.0"/-1°15'45.3"  
Ecliptic longitude/latitude (on date): +358°53'54.7"/-1°15'44.8"  
Ecliptic obliquity (on date): +23°26'10"  
Galactic longitude/latitude: +93°17'54.7"/-61°25'00.0"  
Mean Sidereal Time: 5h25m37.0s  
Apparent Sidereal Time: 5h25m37.1s  
Distance: 30.832AU (4612.381 Mio km)  
Apparent diameter: +0°00'02.2", with rings: +0°00'05.6"  
Sidereal period: 60189.00 days (164.789 a)  
Sidereal day: 16h6m36.0s  
Mean solar day: 16h6m36.6s  
Phase Angle: +0°35'45"  
Elongation: +18°17'15"  
Phase: 1.00  
Illuminated: 100.0%



**Date and Time** [X]

Date and Time				Julian Day					
2025	/	2	/	28	19	:	2	:	39

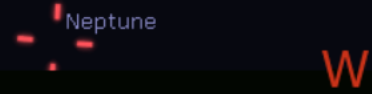
# Neptune

- On February 28<sup>th</sup>, Neptune sets at 7:30 p.m. in the western sky.



# Neptune

Type: planet  
 Magnitude: 7.95 (extincted to: 12.56)  
 Absolute Magnitude: 32.08  
 RA/Dec (J2000.0): 23h56m40.80s/-1°44'09.5"  
 RA/Dec (on date): 23h57m58.13s/-1°35'45.9"  
 Hour angle/DE: 5h54m8.74s/-1°13'40.3" (apparent)  
 Az/Alt: +268°05'56.7"/+0°11'22.8" (apparent)  
 Ecliptic longitude/latitude (J2000.0): +358°32'52.6"/-1°15'45.3"  
 Ecliptic longitude/latitude (on date): +358°53'57.2"/-1°15'44.8"  
 Ecliptic obliquity (on date): +23°26'10"  
 Galactic longitude/latitude: +93°18'00.0"/-61°25'00.1"  
 Mean Sidereal Time: 5h53m37.3s  
 Apparent Sidereal Time: 5h53m37.4s  
 Distance: 30.832AU (4612.398 Mio km)  
 Apparent diameter: +0°00'02.2", with rings: +0°00'05.6"  
 Sidereal period: 60189.00 days (164.789 a)  
 Sidereal day: 16h6m36.0s  
 Mean solar day: 16h6m36.6s  
 Phase Angle: +0°35'43"  
 Elongation: +18°16'08"  
 Phase: 1.00  
 Illuminated: 100.0%



Date and Time					
Date and Time			Julian Day		
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# That is the Sky this Month

By David Mills