

The Evening Sky Map

FREE* EACH MONTH FOR YOU TO EXPLORE, LEARN & ENJOY THE NIGHT SKY

WWW.SKYPAPS.COM
 Take the ecliptic by following an imaginary line from Spica to Regulus.
 Trace the ecliptic by following an imaginary line from Spica to Regulus.
 The southern ecliptic can be seen more than half way up in the south-eastern sky this month.
 From southern latitudes, stars appear to rotate around the South Celestial Pole (SCP).
 INSTRUCTIONS: THE SKY MAP SHOWS THE ENTIRE NIGHT SKY FROM HORIZON-TO-HORIZON AS IT APPEARS ON CERTAIN DATES AND TIMES. THE CENTER OF THE MAP IS THE PART OF THE SKY DIRECTLY OVERHEAD (ZENITH) AND THE OUTER CIRCLE IS THE HORIZON. CELESTIAL OBJECTS ARE LOCATED BETWEEN THE ZENITH AND THE HORIZON. COMPASS DIRECTIONS ARE INDICATED WITH "KINGSHIP" SINCE ANCIENT TIMES.

SOUTHERN HEMISPHERE APRIL 2019

Sky Calendar – April 2019

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- 1 **Moon at apogee** (farthest from Earth) at 0h UT (distance 405,577 km; angular size 29.5').
- 2 **Moon near Venus** (morning sky) at 7h UT. Mag. -4.0.
- 3 **Moon near Mercury** (26° from Sun, morning sky) at 2h UT. Mag. 0.8.
- 5 **New Moon** at 8:51 UT. Start of lunation 1191.
- 8 **Moon near the Pleiades** (evening sky) at 23h UT.
- 9 **Moon near Mars** (evening sky) at 10h UT. Mag. 1.5.
- 9 **Moon near Aldebaran** (evening sky) at 16h UT.
- 11 **Mercury at greatest elongation west** (28° from Sun, morning sky) at 20h UT. Mag. 0.4.
- 12 **First Quarter Moon** at 19:05 UT.
- 12 **Moon near Pollux** (evening sky) at 22h UT.
- 13 **Moon near Beehive cluster M44** (evening sky) at 21h UT.
- 15 **Mars 6.5° N of Aldebaran** (45° from Sun, evening sky) at 1h UT. Mags. 1.6 and 0.9.
- 15 **Moon near Regulus** (evening sky) at 10h UT.
- 16 **Mercury 4.3° E of Venus** (30° from Sun, morning sky) at 20h UT. Mags. 0.2 and -3.9.
- 16 **Moon at perigee** (closest to Earth) at 22:03 UT (364,205 km; angular size 32.8').
- 19 **Moon near Spica** (morning sky) at 3h UT.
- 19 **Full Moon** at 11:11 UT.
- 22 **Moon near Antares** (morning sky) at 11h UT.
- 23 **Lyrid meteor shower** peaks at 0h UT. Active April 14-30. Radiant is between Hercules and Lyra. Expect 10 to 20 bright, fast meteors per hour at its peak. Unfortunately, bright moonlight this year means poor viewing conditions.
- 23 **Moon near Jupiter** (morning sky) at 13h UT. Mag. -2.4.
- 26 **Last Quarter Moon** at 22:18 UT.
- 25 **Moon near Saturn** (105° from Sun, morning sky) at 13h UT. Mag. 0.5. Occultation visible from eastern Australia, New Zealand, and western South America.
- 28 **Moon at apogee** (farthest from Earth) at 18h UT (distance 404,582 km; angular size 29.5').

More sky events and links at <http://Skymaps.com/skycalendar/>

All times in Universal Time (UT). (Australian Eastern Standard Time = UT + 10 hours.)



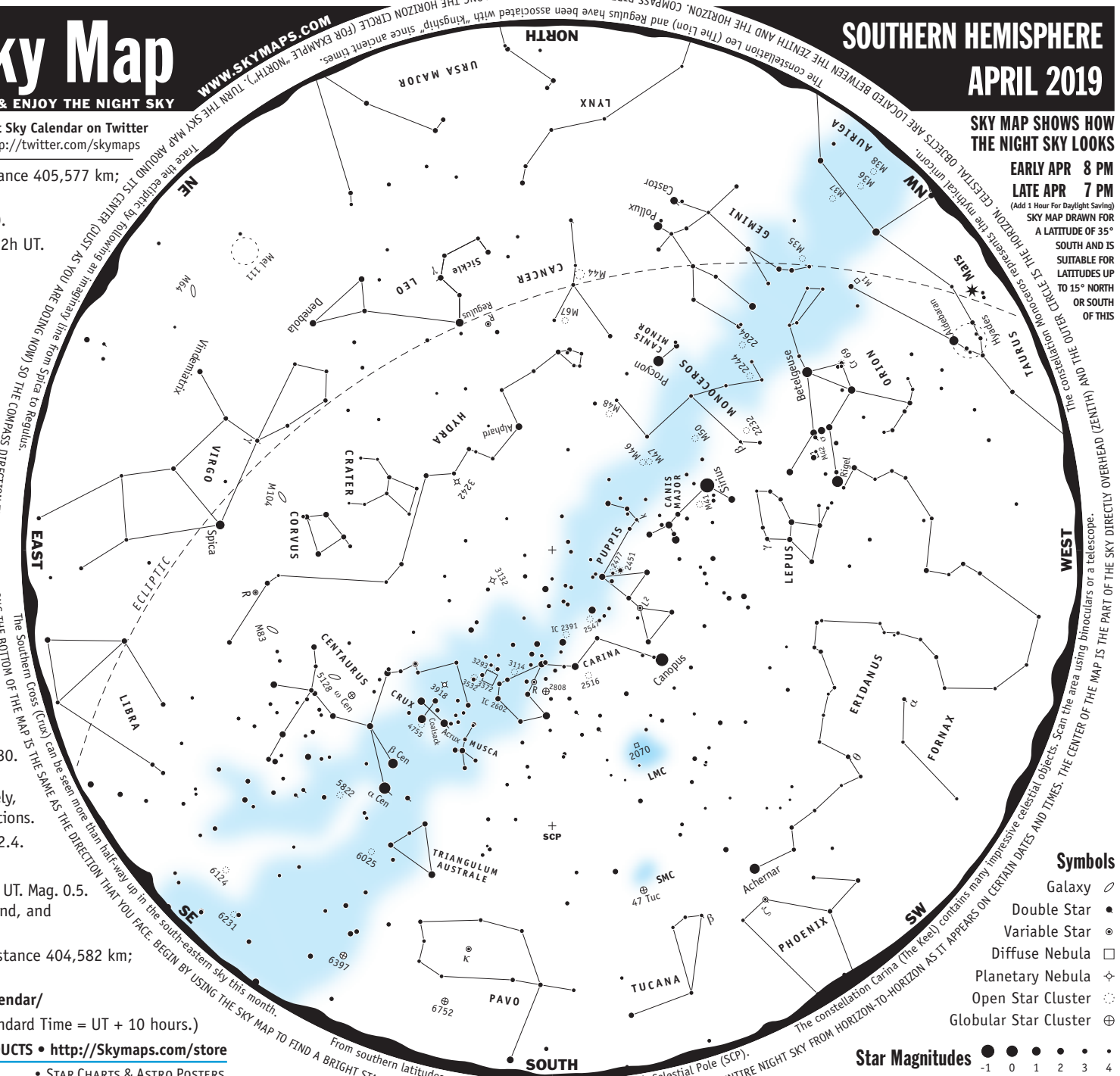
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SKY MAP SHOWS HOW THE NIGHT SKY LOOKS

EARLY APR 8 PM
 LATE APR 7 PM

(Add 1 Hour for Daylight Saving)
 SKY MAP DRAWN FOR A LATITUDE OF 35° SOUTH AND IS SUITABLE FOR LATITUDES UP TO 15° NORTH OR SOUTH OF THIS



Symbols

- Galaxy ☾
- Double Star ●●
- Variable Star ⊙
- Diffuse Nebula □
- Planetary Nebula ☆
- Open Star Cluster ○
- Global Star Cluster ⊕

Star Magnitudes ●●●●●
 -1 0 1 2 3 4

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