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SKY CALENDAR APRIL 2021

An aid to enjoying the changing sky

Use this scale to measure angular distances between objects on diagrams below.

Evening Planets: Mars Planetarium business office: is visible in the west throughout the month. Mars sets about five and a half hours after sunset at the start of April, and about four and a half hours after sunset by the end of the month. Mars fades in brightness | Aldebaran from 1.3 magnitude to 1.6 magnitude. Venus and Mercury make an appearance late in the month. Look low in the WNW with binoculars. Next month Venus and Mercury will be easier to spot, but will remain close to the WNW

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http://twitter.com/AbramsSkyNotes

Morning Planets: Jupiter and Saturn are low in the south east dawn sky. Each morning, the pair of gas giant planets climb a little higher. At the start of the month, Jupiter rises two hours before sunrise. At the end of the month, Jupiter rises three hours before sunrise. The waning crescent Moon is below Saturn on April 6 and below Jupiter April 7.

horizon.

The Lyrid meteor **shower** peaks in the predawn hours of April 22. The Lyrids have a broad peak, lasting from April 16 to April 25. The Moon is a waning gibbous in Leo on April 22 and will interfere with seeing the fainter meteors.

The Full Moon on April 26 at 11:32 p.m. EDT is the **second** closest Full Moon of 2021. The Moon is at perigee, 222,081 miles, April 27 at 11:22 a.m. EDT. The Moon is at apogee on April 14 at 1:46 p.m. EDT at 252,343 miles

http://abramsplanetarium.org/ **TUESDAY MONDAY THURSDAY FRIDAY SATURDAY SUNDAY WEDNESDAY** Apr 1-4, Sunday Apr 5-8. Alpha Cap Thurs Apr 1. Sunday Apr 4 Thurs 1 Fri 2 one hour before sunrise Mars Apr 4 40 minutes before sunrise Last Quarter Moon one hour · Beta Cap Alpha Ca two 6:02 a.m. EDT before sunrise Delta Sco **CAPRICORNUS** Antares hours Sunday 4 **AQUARIUS** Saturn after Beta Cap **Sunday Apr 11** sunset **SCORPIUS** New Moon **CAPRICORNUS Jupiter** Mon 5 10:31 p.m. EDT Hyades · **Jupiter** Saturn Tues 6 First Quarter Moon **SAGITTARIUS** Scorpion's **Pleiades** Delta Cap Ju-Sa 12° Mon Apr 19 Thurs 8 11:59 p.m. PDT Delta Cap **TAURUS** Tues Apr 20 SSW **ESE ESE** 2:59 a.m. EDT Sunday Apr 11, Alpha Cap Mon Apr 12, Apr 13-15, Fri Apr 16, Sat'Apr. 17, **GEMINI** WNW Moon one hour one hour after sunset two hours two 30 min Mars * before sunrise after sunset hours Gamma after Beta Cap Aldebaran Beta Pleiades after Gem Sunday sunset Tauri Apr 11, sunset Mars * Tauri Thurs 15 Mars **TAURUS** one hour Moon CAPRICORNUS *, BetaTauri Hyades Pleiades :after sunset Betelgeuse **TAURUS** Jupiter ^{*} TAURUS Wed 14 **TAURUS** looking Aldebaran **ARIES** West **TAURUS ORION** Young Aldebaran • Hyades Pleiades Aldebaran Hamal Orion's Tues 13 Pleiades Hyades Tues 20 Apr 18-20, Apr 21-23, WNW WNW W WNW Pleiades " one hour after sunset one hour after sunset WNW Alpha Cap Fri Apr 23, Beehive Mon Apr 19, Sat Apr 24, Aldebaran Castor Cluster Pollux one hour one hour 25 min Beta Cap before sunrise after before sunrise 0 Sat Apr 24, Saturn Saturn Mon 19 sunset 25 minutes **Pleiades** LEO **TAURUS Pleiades** Wed 21 **GEMINI** after sunset **Jupiter** Jupiter **CAPRICORNUS CAPRICORNUS** Use binoculars. **CANIS** Denebola Sunday 18 Regulus Delta Cap Thurs 22 Delta Cap **MINOR** Me-Ve 1.3° Use binoculars. Procyon Ju-Sa 14° Ju-Sa 14.4° Venus Mercury Venus ○ Fri 23 **WNW** Apr 25-27, Wed Apr 28, WNW 1½ hours one hour before sunrise after Sunday 25 Apr 26-May 1, Fri Apr 30, sunset Sat 1 Fri 30 one hour before sunrise 35 minutes after sunset **VIRGO** Saturn Spica Thurs 29 • Beta Lib **TAURUS Jupiter Wed 28** Mon 26 LIBRA Mon Apr 26 **CAPRICORNUS** Aldebaran Delta Sco Full Moon Tues 27 Delta Cap Hyades **VIRGO** 11:32 p.m. EDT Alpha Lib **SCORPIUS** · Pleiades Ju-Sa 15° Beta Lib Mon 26 **SAGITTARIUS** Scorpion's Alpha Lib Me-Ve 4.5° LIBRA Mercury Venus SE WSW SW ESE Tues 27 SSW Spica