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SKY CALENDAR MARCH 2022

An aid to enjoying the changing sky

Evening Planets:

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(517) 355-4676

There are no naked eve planets visible in the evening sky this month. Uranus is in the western evening sky this month but moves a little closer to the horizon each evening. A telescope or binoculars will be needed to spot Uranus. Look for the **Zodiacal Light in the** western sky well after sunset during the second half of March, after the Moon leaves the evening sky. The Zodiacal Light appears as a faint glow along the ecliptic. It's caused by interplanetary dust

reflecting sunlight

onward to Earth. **Morning Planets:** Venus, Mars, Saturn, and Mercury are low in the southeast. Mercury drops from the scene very early in the month. Venus passes 3.9° north of Mars March 16. Venus passes 2.1° north of Saturn March 29. Venus is at its greatest elongation from the Sun on March 20 when it is 47° west of the Sun. The phase of Venus grows from 32% to 55% during March. Of the three planets, Venus, Mars, and Saturn, Venus is brightest, followed by Saturn with Mars the faintest of the three. Jupiter is not easily visible until next month. On what day can you first spot Jupiter to the lower left of Venus? The Moon is at apogee on March 10, at 6 p.m. EST at a geocentric distance of 251,200 miles. The Moon is at perigee on March 23, at 8 p.m. EDT at a distance of 229,758

miles

http://abramsplanetarium.org/ **MONDAY TUESDAY THURSDAY FRIDAY SATURDAY SUNDAY WEDNESDAY** Wed Mar 2. Thurs Mar 3. Wed Mar 2 Mar 4-7. Castor Mon 7 Mar 8-13, Pollux New Moon 40 minutes before sunrise 40 minutes after sunset one hour after sunset one hour after sunset 12:35 p.m. EST **GEMINI** Uranus Sunday 13 Alpha Cap 🚣 Venus Hamal BetaTauri 0 Sat 12 Beta Cap . **Pleiades** Fri 11 ARIES CETUS Me-Sa 0.7° Mars Young Moon **TAURUS** Thurs 10 /)Sunday 6 min dist **CAPRICORNUS** Wed 9 **Thurs Mar 10** Zeta Tauri Mercury First Quarter **CANIS** Saturn ESE WSW Tues 8 Moon MINOR Aldebaran 5:45 a.m. EST Hyades Wed Mar 9. Mar 15-18. Sat 5 40 minutes before sunrise one hour after sunset Procyon Betelgeuse • Occultation Bellatrix Alpha Cap · **PISCES** Fri Mar 18 of Eta Leo Beta Cap 🔸 • Gamma Venus Full Moon 3:18 a.m. EDT Fri 4 looking * Mars Tues 15 **CAPRICORNUS** high in the Regulus **ORION** South Fri Mar 25 **MONOCEROS** ESE * Saturn **LEO** Last Quarter Rigel **WSW** Moon Wed 16 1:37 a.m. EDT Wed Mar 16, Sunday March 20, 11:33 a.m. EDT Sunday March 13, 2:00 a.m. Local Time Alpha Cap Sat Mar 12, 40 minutes Venus Vernal Equinox: Spring begins Daylight Saving Time Begins 40 minutes Beta Cap before sunrise in the northern hemisphere. before sunrise * Mars Denebola Venus Mar 21-26, Beta Lib Ve-Ma 3.9° Thurs 17 Saturn CAPRICORNUS one hour before sunrise LIBRA * Mars min dist SE ESE Gamma Tues 22 Wed 23 Mon 21 Saturn **CAPRICORNUS** Fri 18 Alpha Lib Gamma SE Delta Sco Thurs Mar 24, Alpha Cap, ESE . Delta 40 minutes before sunrise Fri 25 Antares Thurs 24 Beta Cap Mar 16-20, Sunday 20 **CAPRICORNUS Sat 26** T_{EAPOT} one hour before sunrise Venus **SCORPIUS** (Mars Denebola • Saturn Spica Ve-Ma 4.5° **SAGITTARIUS** Gamma Sa-Ve 4.8° **VIRGO** Fri 18 Delta SSE SE **ESE LEO** Thurs 17 Gamma Sunday Mar 27, Mon Mar 28. Tues Mar 29, Thurs Mar 31. Wed 16 Alpha Cap Alpha Cap Alpha Cap 40 minutes 40 minutes Alpha Cap 40 minutes WSW 40 minutes before sunrise before sunrise before sunrise Eta before sunrise Beta Cap Beta Cap Beta Cap Beta Cap Wed Mar 30, Wed Mar 30, Sa-Ve 2.1° Venus Spectacular min dist 40 minutes before sunrise 10 minutes before sunrise **CAPRICORNUS** gathering! **CAPRICORNUS CAPRICORNUS CAPRICORNUS** Saturn Note: Only Venus is visible in Venus **CAPRICORNUS** Venus Moon Venus Mars the twilight at this time. Mars Mars Venus Saturn * Mars On what day next month Saturn Gamma can you first spot Jupiter? Saturn Saturn — Gamma Saturn Gamma Gamma Gamma Delta Cap Moon Delta Cap Delta Cap **Jupiter** Delta Cap Delta Cap Moon Old SE SE **ESE** ESE **ESE ESE ESE** Moon ESE

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Use this scale to measure

angular distances between

objects on diagrams below.