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SPACE EVENTS FEBRUARY

-  - Rocket Launch
-  - Planet Sighting
-  - Deep-Sky Object
-  - Our Moon
-  - Meteor Shower

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12 ALGOL IS DIMMING

The eclipsing binary star Algol is dimming this evening around 11:45pm PST

Zenith, in the Pegasus constellation.

14 JUPITER & WAXING CRESCENT MOON

Dusk about 6:30pm local.

Over southwest horizon, up near the Aries constellation.

16 PLEIADES & FIRST QUARTER MOON

The Pleiades open star cluster will be really close to the first quarter moon, only 3.5 degrees apart.

Dusk, about 6:30pm local, in the Taurus constellation, facing South.

20 THE WAXING GIBBOUS MOON WITH CASTOR & POLLUX

The moon in the waxing gibbous phase will be only 1.5 degrees apart from the bright stars of the Gemini constellation, Castor & Pollux.

Dusk about 6:30pm local, facing East.

22 VENUS & MARS IN THE DAWN SKY

Catch planets Venus and Mars only half a degree apart about 30 minutes before sunrise over your East-Southeast horizon.

In the constellation Capricornus.

23 NEARLY FULL MOON & REGULUS

Dusk, about 6:30pm local, the nearly full moon hangs low over your East-Southeast horizon right next to the blue-white supergiant star Regulus in the Leo constellation.

Fun fact: Regulus is part of the binary system with a white dwarf.

28 SPICA AND WANING GIBBOUS MOON

At dark the waning gibbous moon is only 1.5 degrees away from Spica in the Virgo constellation.

Over your Southwest horizon.

Fun Fact: Spica is also a binary star, but a blue subgiant, meaning it's not quite as luminous as a giant star, but is brighter than a main-sequence star.

28 CREW-8, FALCON 9 LAUNCH

SpaceX Crew-8 is the 8th crewed operational flight of the Crew Dragon spacecraft to the ISS.

Target launch window TBD.

29 FALCON 9 TRANSPORTER 10

LEAP YEAR!

Dozens of small micro and nano-satellites will be launching on this rideshare mission to Sun-synchronous orbit which is an orbit around Earth but the satellites stay facing the Sun the entire time.

29 JUPITER ALL MONTH - LONG

Have you seen Jupiter yet? Catch it all-month long starting just after sunset. It's high in the sky and super bright white.

Have fun stargazing!!

THE MOON PHASES

