The Institute for Astronomy

Some of the most exciting science in the world is happening at the Institute for Astronomy (IfA), and you can be part of it! IfA scientists conduct research into galaxies, cosmology, stars, planets, and the Sun, as well as teaching undergraduate and graduate students at the University of Hawaii. We invite you to become part of the Friends and explore our amazing universe.

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Monthly activities for the Friends of the Institute for Astronomy can be found at http://www.ifa.hawaii.edu/friends/

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Evening Skies Over Hawai‘i August 2017

The star chart includes only the brightest stars to avoid cluttering the chart. The constellations are labeled, and the lines connecting their stars will help you find these celestial groupings.

Mercury is visible in the evening until about August 20. Venus is visible in the morning. Mars is still too close to the Sun. Jupiter and Saturn are visible in the evening. Uranus and Neptune are visible in the morning.

August Moon Phases

- Full Moon: August 7
- Last Quarter: August 14
- New Moon: August 21
- First Quarter: August 28

The star chart shows the zenith, the point directly overhead, at the center of the chart. The circle represents the horizon, so the stars outside it are not visible, although some may rise in the east later in the night.

To find constellations and stars, hold the chart overhead and rotate the page until the correct direction labeled on the horizon circle is ahead of you. You should now be able to look back and forth between the star chart and the sky, and match the constellations.

Produced using Cartes du Ciel Sky Charts program by Patrick Chevalley

This free program is available at http://www.stargazing.net/astropc/

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Honolulu 2017-08-15 10:00 p.m. C: 219h13m +21°20' L:+270°00' O:90° ARC HZ  Cat: BSC

On Aug. 1, the sky will appear as shown on the chart at about 11 p.m. On Aug. 31, it will appear as shown at about 9 p.m.

www.ifa.hawaii.edu/publications/starcharts/

Evening Skies Over Hawai‘i August 2017

Institute for Astronomy (IfA), University of Hawai‘i