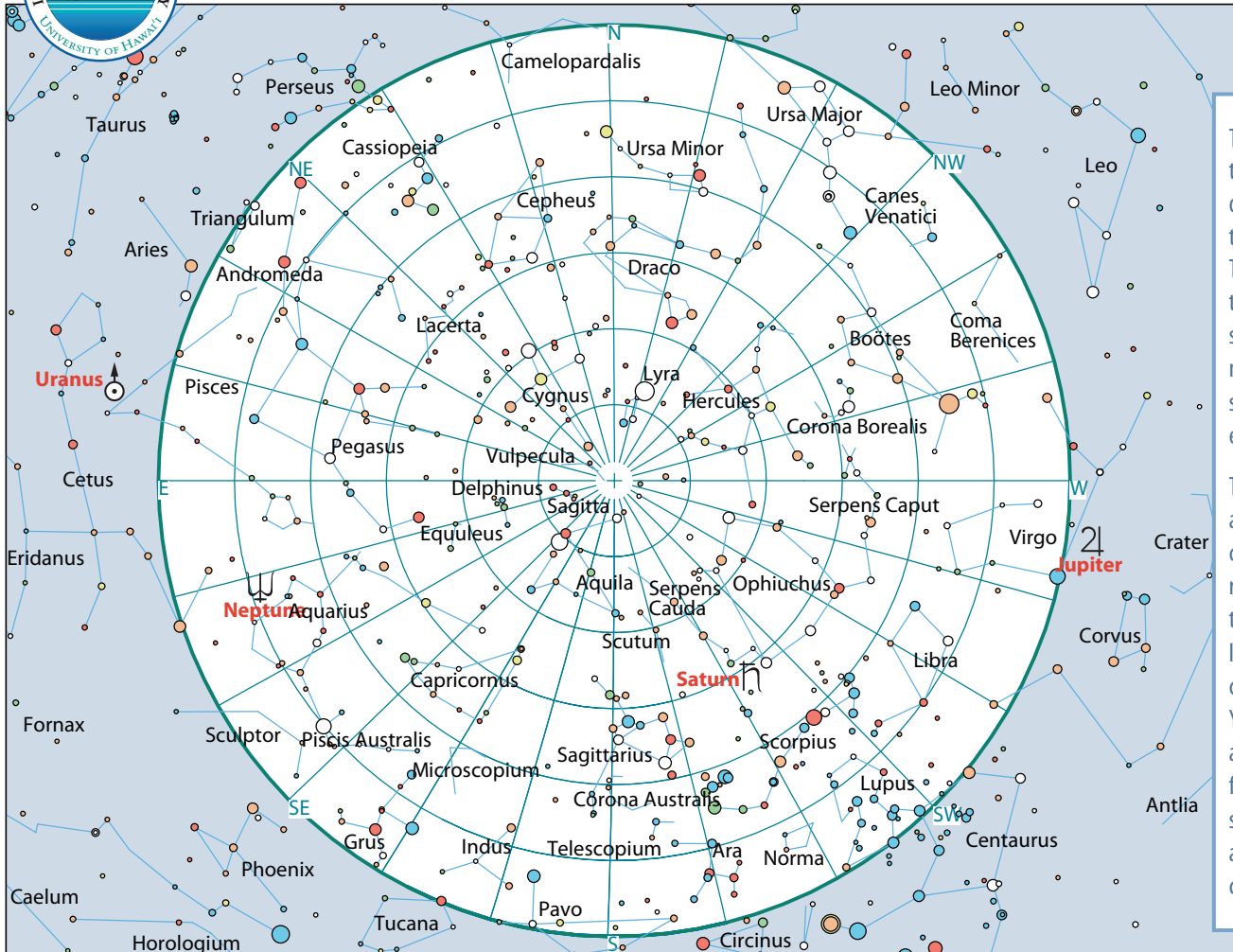




Evening Skies Over Hawai'i August 2017



This 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.

teramura August 2017

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.

Produced using *Cartes du Ciel* Sky Charts program by Patrick Chevalley
 This free program is available at <http://www.stargazing.net/astropcl>

Magnitude: 0 1 2 3 4 B-V: < -0.3 -0.1 0.2 0.5 0.8 1.3 > Planets: Mercury Venus Mars Jupiter Saturn Uranus Neptune



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.





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August Moon Phases

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