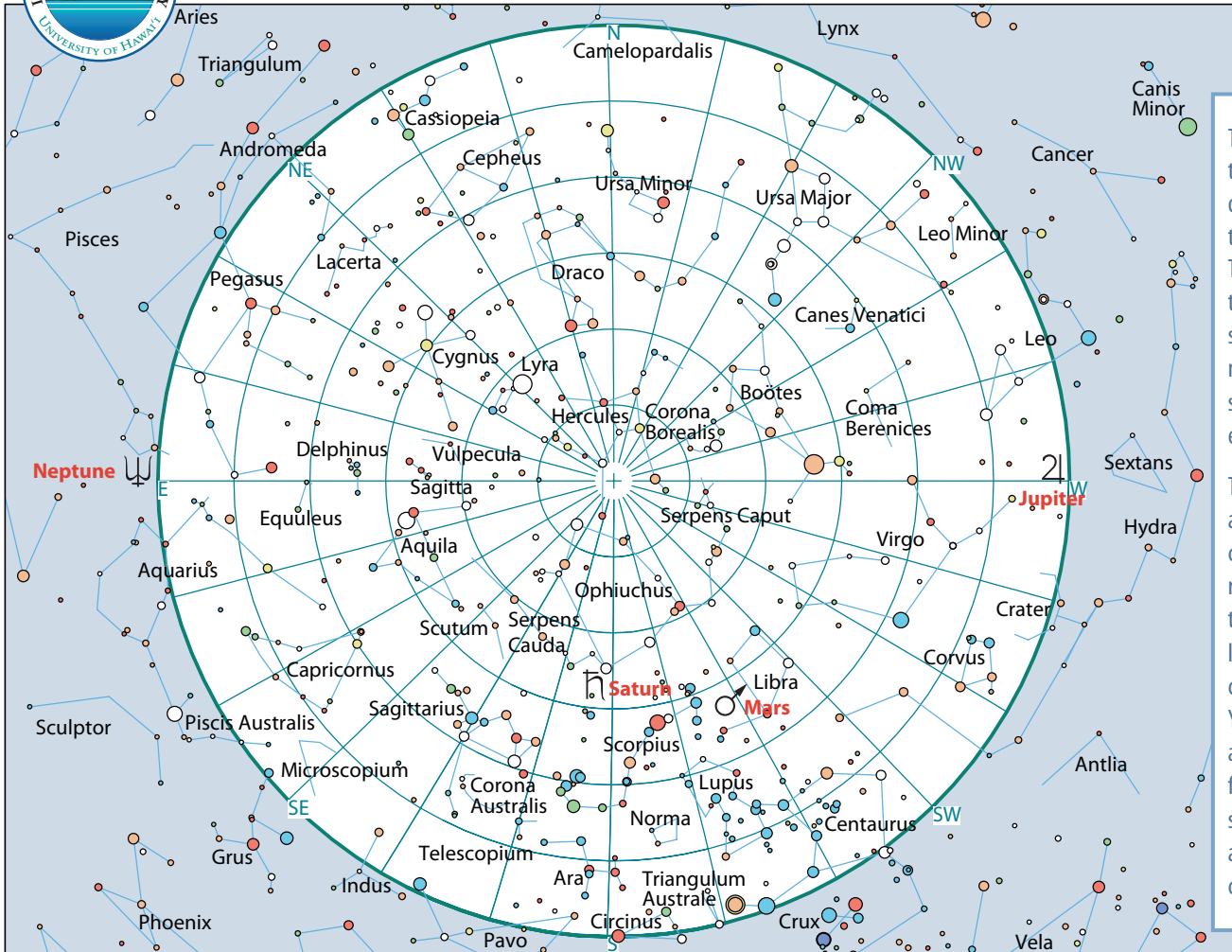




Evening Skies Over Hawai'i July 2016



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 July 2016

Honolulu 2016-07-15 10:00 p.m. C: 219h13m +21°20' L: +270°00' O: 90° ARC HZ Cat: BSC
 On July 1, the sky will appear as shown on the chart at about 11 p.m. On July 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 reappears in the west after sunset beginning about July 15. Venus reappears in the evening sky in mid-July. Mars and Jupiter are visible in the evening. Saturn is still visible most of the night. Uranus and Neptune are visible in the morning.

July Moon Phases

-  New Moon July 4
-  First Quarter July 11
-  Full Moon July 19
-  Last Quarter July 26

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