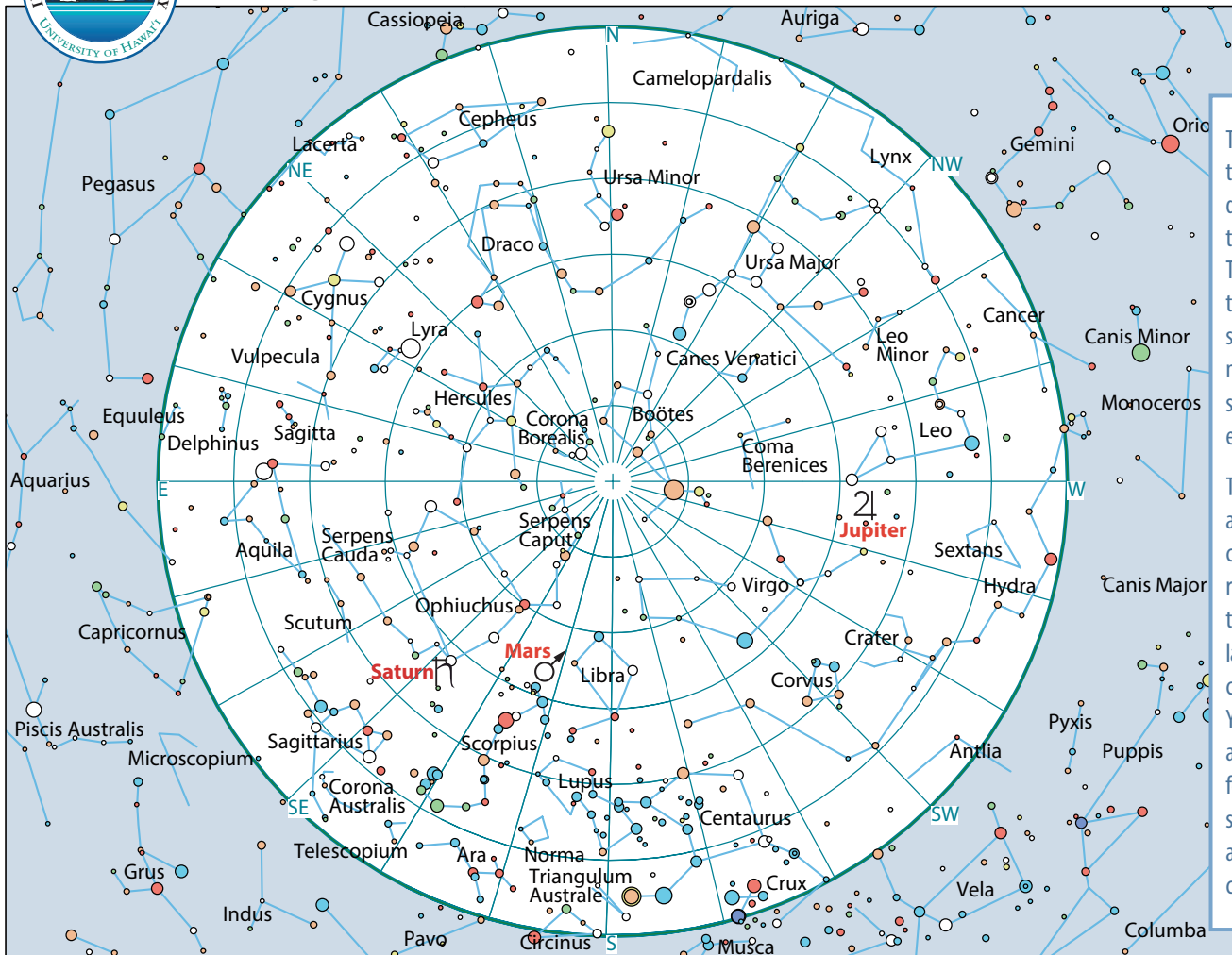




# Evening Skies Over Hawai'i June 2016



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.

Honolulu 2016-06-15 10:00 p.m. C: 219h13m +21°20' L: +270°00' 0:90° ARC HZ Cat: BSC  
 On Jan. 1, the sky will appear as shown on the chart at about 11 p.m. On June. 30, 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/astrosci/>

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 ♆

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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 eastern sky before sunrise. Venus is too close to the Sun to be seen. Mars is still visible most of the night. Jupiter is visible in the evening. Saturn is at opposition on June 3, so it is visible most of the night during June. Uranus and Neptune are visible in the morning.

## June Moon Phases

- New Moon January 4
- First Quarter January 11
- Full Moon January 20
- Last Quarter January 27

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