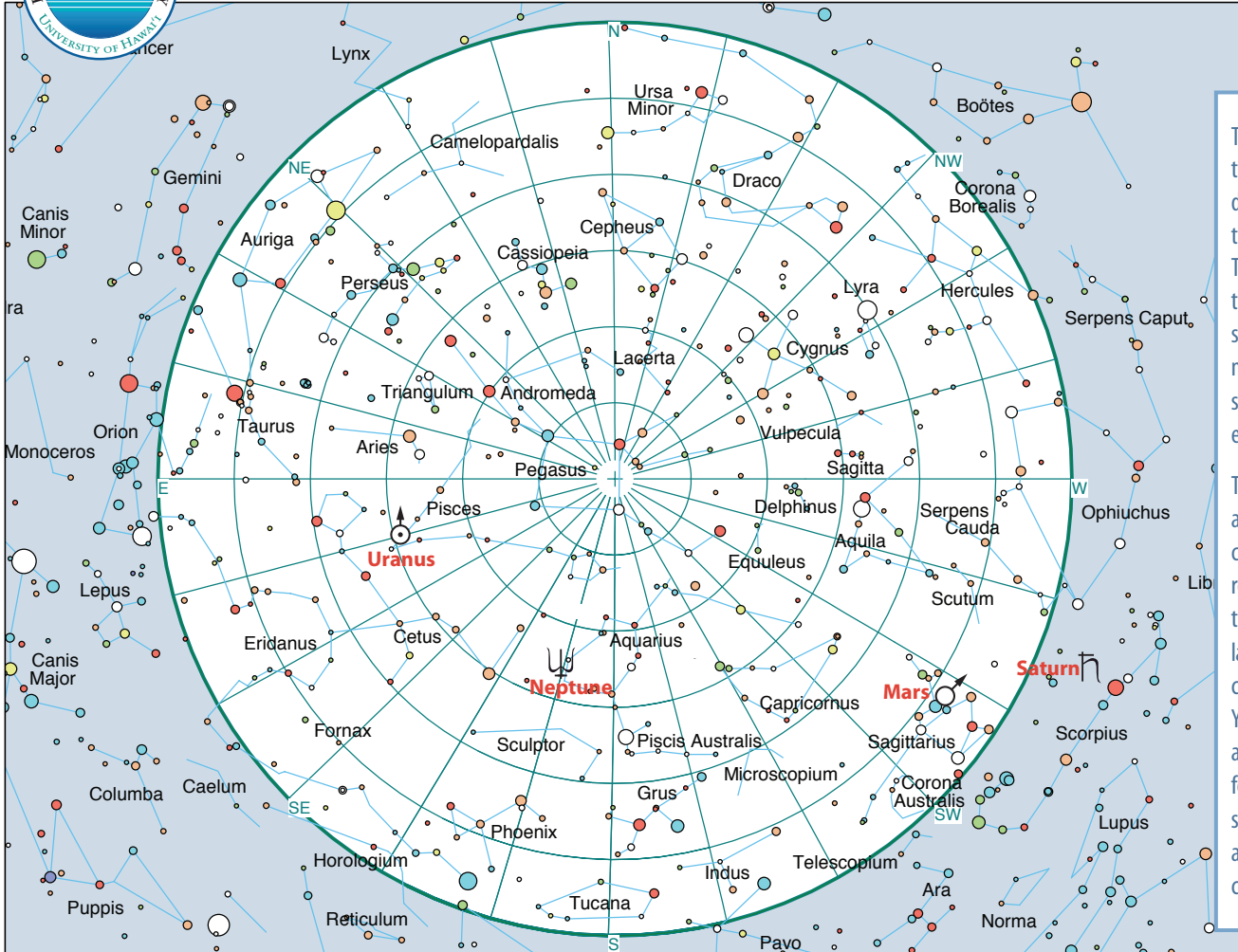




Evening Skies Over Hawai'i October 2016



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 October 2016

Honolulu 2016-10-15 10:00 p.m. C: 219h13m +21°20' L: +270°00' 0:90° ARC HZ Cat: BSC
On Oct. 1, the sky will appear as shown on the chart at about 11 p.m. On Oct. 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	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 can be viewed in the eastern sky before sunrise until about October 15. Venus, Mars, and Saturn are visible in the evening. Jupiter reappears in the morning sky about October 10. Uranus is at opposition on October 15, so can be seen most of the night. Neptune is still visible most of the night.

October Moon Phases

- First Quarter October 5
- Full Moon October 15
- Last Quarter October 22
- New Moon October 30

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