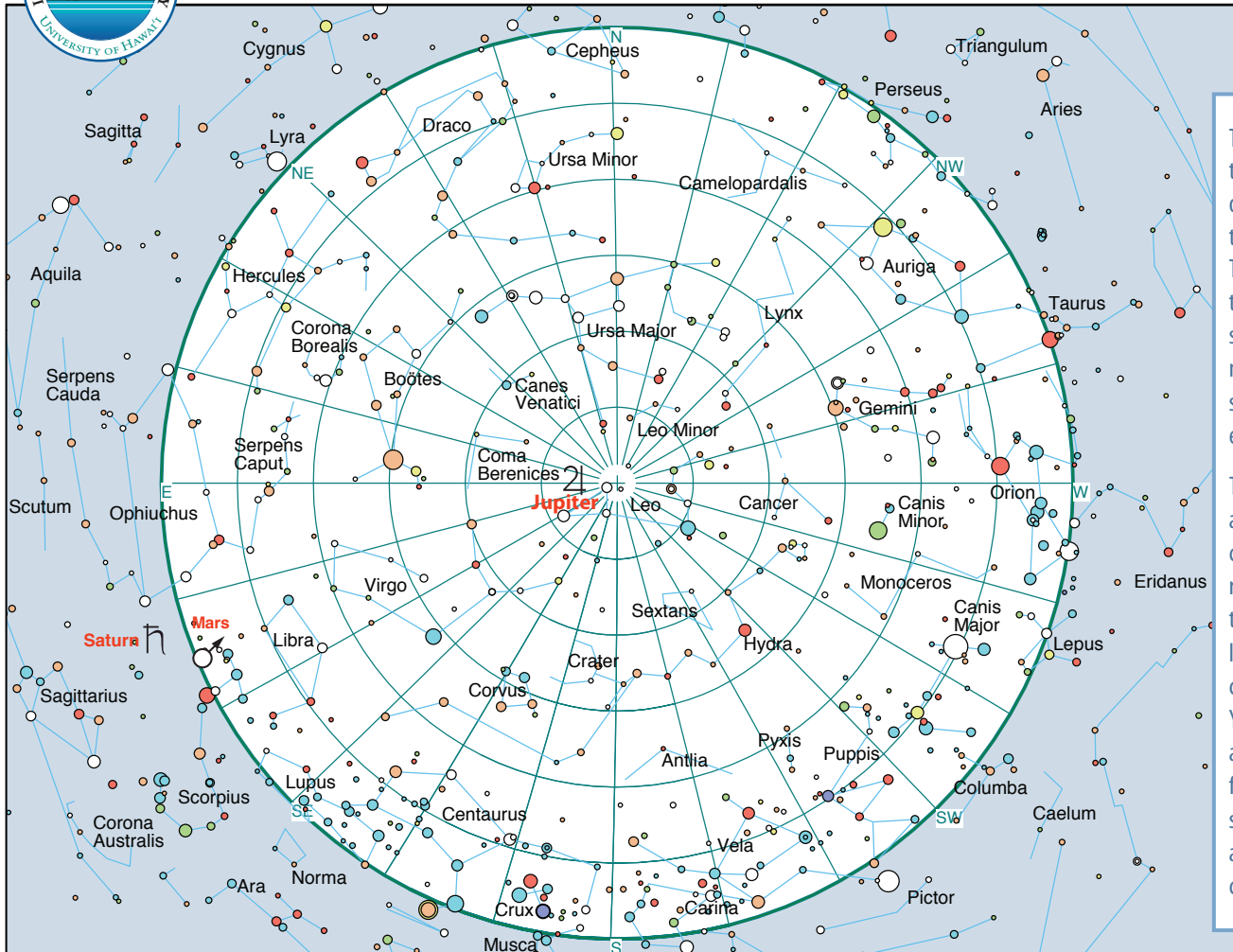




# Evening Skies Over Hawai'i April 2016



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 2016-04-15 10:00 p.m. C: 219h13m +21°20' L: +270°00' 0:90° ARC HZ Cat: BSC  
 On April 1, the sky will appear as shown on the chart at about 11 p.m. On April 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/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

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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 west after sunset. Venus, Mars, Saturn and Neptune are visible in the morning. Jupiter is visible for most of the night. Uranus is still too close to the Sun to be seen.

## Join us for these special events

### April Moon Phases

- Last Quarter    April    7
- New Moon        April    13
- First Quarter    April    21
- Full Moon        April    29

**O'ahu Events:** call (808) 956-8566. UH Institute for Astronomy Open House April 17, from 11:00 AM to 4:00 PM.

**Maui Events:** call (808) 573-9516  
 Maikalani Community Lectures occur one Friday per month. April 8, 6:30 PM, "Armstrong's Guide to the Universe," by J.D. Armstrong at the Maikalani building in Pukalani.

**Hawaii Island Events:** see [www.mkaoc.org](http://www.mkaoc.org) AstroDay April 30 at Hilo's Prince Kuhio Mall from 10:00 AM to 4:00 PM.

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.

Monthly activities for the Friends of the Institute for Astronomy can be found at <http://www.ifa.hawaii.edu/friends/>  
 Institute for Astronomy Special Events are announced at <http://www.ifa.hawaii.edu/specialevents/>