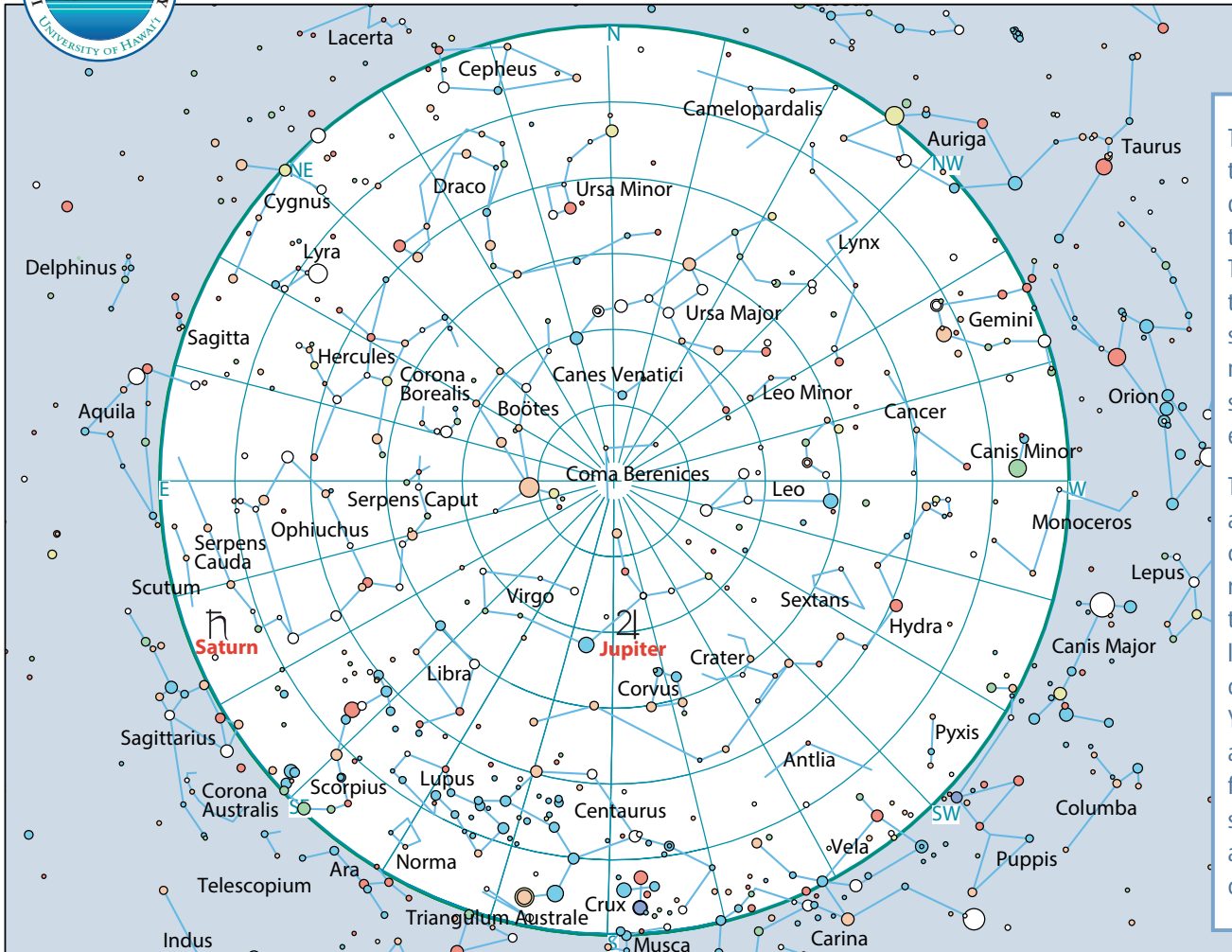




# Evening Skies Over Hawai'i May 2017



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.

Honolulu 2017-05-15 10:00 p.m. C: 219h13m +21°20' L: +270°00' O: 90° ARC HZ Cat: BSC  
 On May 1, the sky will appear as shown on the chart at about 11 p.m. On May 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

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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 and Venus are visible in the morning. Mars and Jupiter are visible in the evening. Saturn and Neptune are visible in the morning. Uranus reappears in the morning sky early in the month.

## May Moon Phases

- First Quarter    May    2
- Full Moon        May    10
- Last Quarter    May    18
- New Moon        May    25

## Join us for these 2017 special events

**O'ahu Events:** call (808) 956-8566. Mānoa Open House coming April 23 from 11:00 am to 4:00 pm. IfA celebrates 50 years of Astronomy in Hawai'i starting June 28, see: <http://about.ifa.hawaii.edu/ifa50/>

**Maui Events:** call (808) 573-9516. Monthly Maikalani Community Lectures and can also be viewed online wit live stream at <http://ps1puka.ps1.ifa.hawaii.edu/liveVideo.php>

**Hawaii Island Events:** see [www.mkaoc.org](http://www.mkaoc.org)  
 16th Annual AstroDay will be on May 6, 2017 at the Prince Kuhio Plaza, see [www.mkaoc.org/programming/astroday](http://www.mkaoc.org/programming/astroday)

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/>