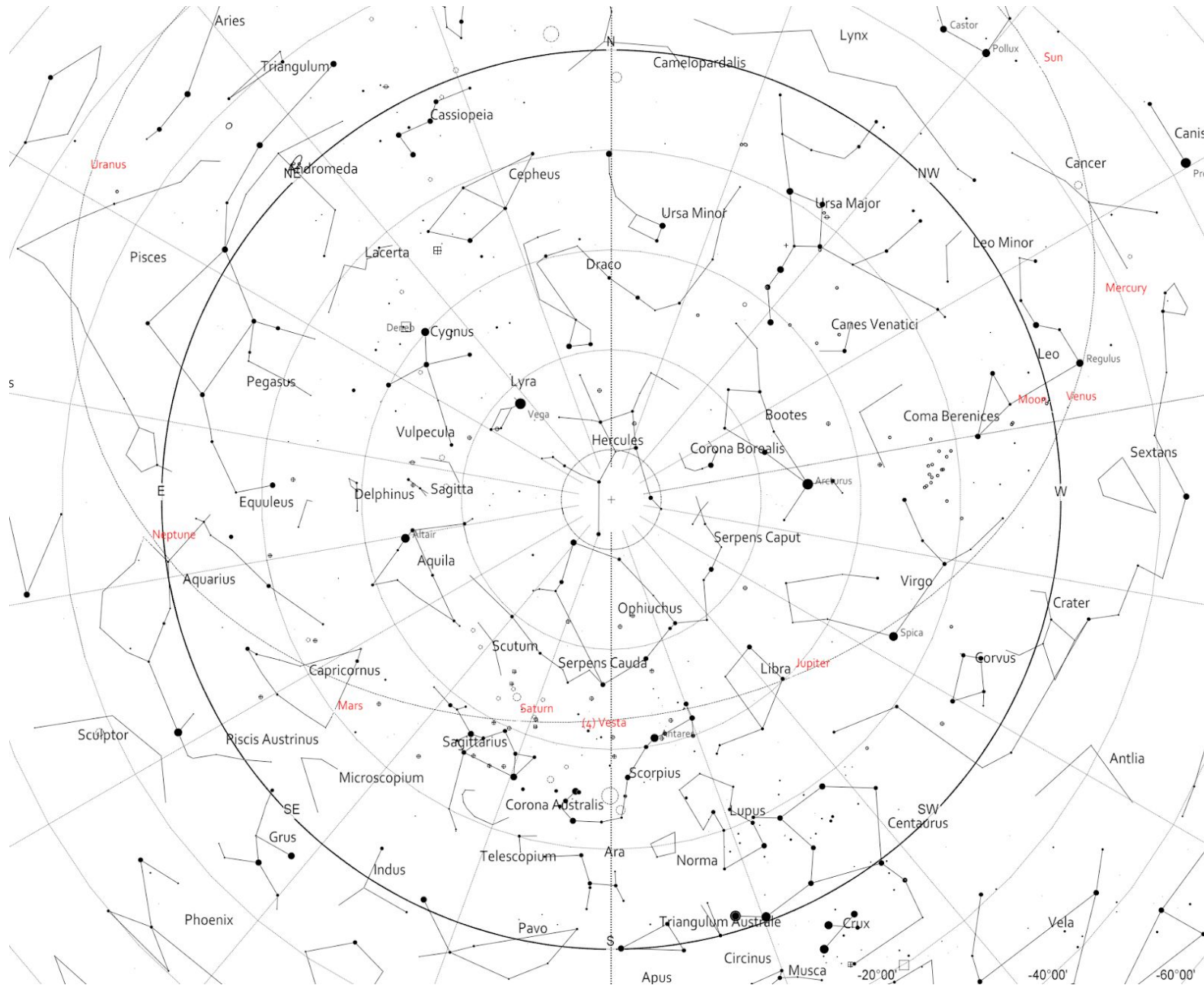


# July 2018 Star Chart for Honolulu, HI



## How to use this star chart

The star chart shows the night sky above Honolulu on the 15th of the month at 10PM local time (HST). The constellations are labeled and their outlines will help you find them. Hold the chart overhead and rotate the page so the direction you are facing is at the bottom of the horizon circle. The center of the chart corresponds to the point directly overhead called the "zenith". The circle represents the horizon, with stars inside the circle above the horizon. Stars that are east of the horizon circle (blue background) are visible earlier in the month/evening. Those to the west are visible later.

## Visible this month

Mars is the main event this month, as it reaches its brightest opposition since 2013 on July 26/27 with Mars just under 36 million miles from Earth. Compare this with Venus which can approach within 24 million miles of Earth at "inferior solar conjunction". At opposition Mars will shine at magnitude -2.8, outshining Jupiter to the west at mag. -2.2. Saturn, at mag. 0.1 lies just above the teapot's spout in Sagittarius. On July 15, after sunset, look for mag. -4.1 Venus and the waxing crescent moon separated by only 2 degrees.

Stellar magnitude:

