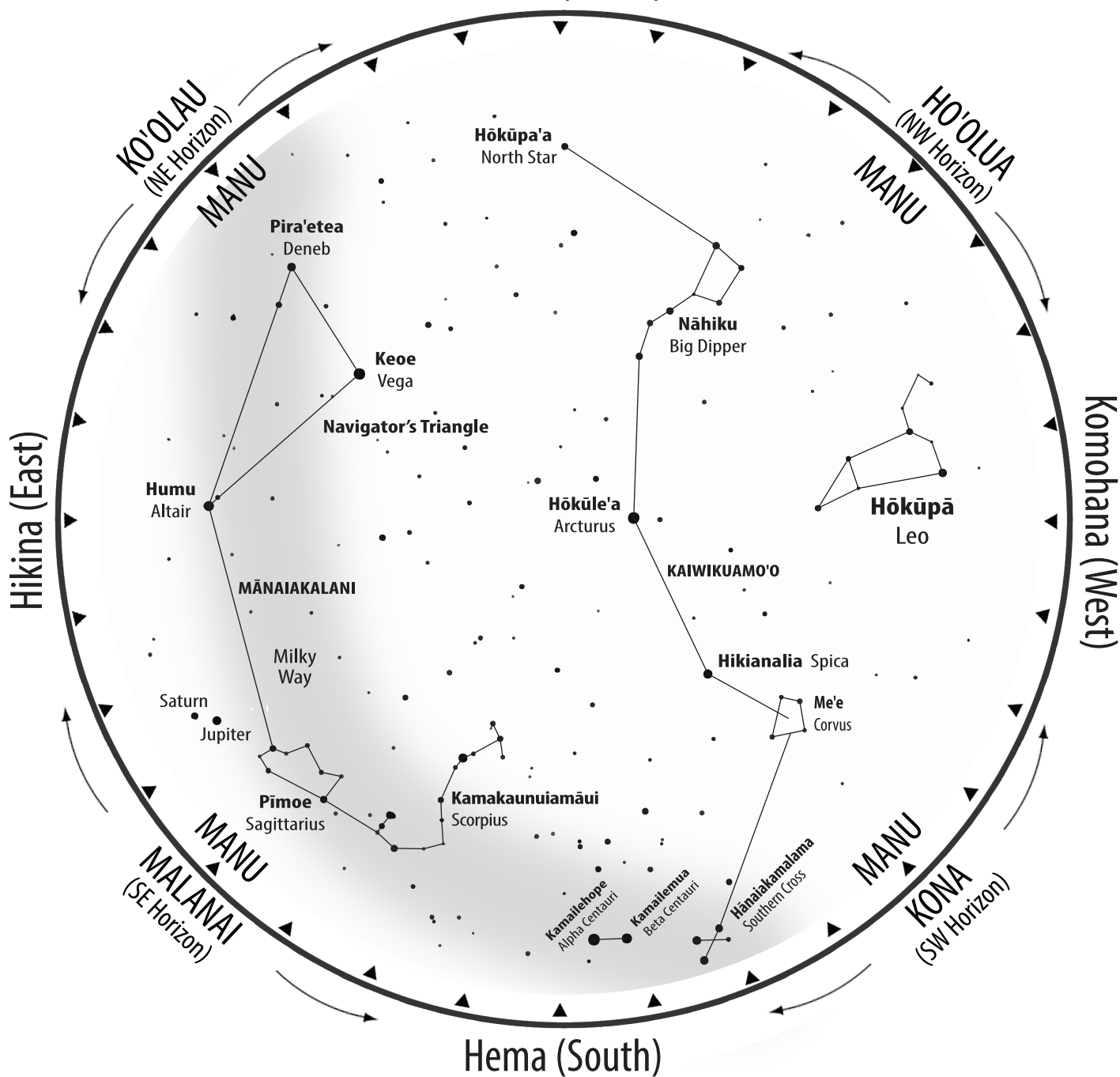


Iulai | July Skies at 8pm

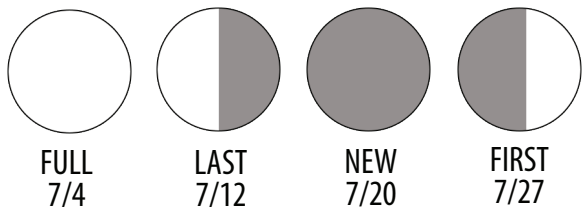
'Ākau (North)



This star chart incorporates the Hawaiian Star Compass and is oriented for an observer looking up and facing South. In this orientation, the Hikina (East) horizon is on the left and the Komohana (West) horizon is on the right.

This chart reflects the night sky over Hawai'i at 8pm.

July Moon Phases



July Highlights

- > **Lahaina Noon** - Lahaina Noon refers to the days when the sun passes exactly overhead during solar noon. At this time objects with smooth sides will appear to cast no shadow. These events can only be observed in the tropics and your latitude within the tropics will affect when the Lahaina Noon will occur. In Honolulu, Lahaina Noon will occur on July 15th at 12:37pm.
- > **Jupiter & Saturn** - The largest planets in the solar system will be rising out of Manu Malanai and will be visible in the early evening. Jupiter will stand out as one of the brightest objects in the sky. Observers who look at Jupiter with a good pair of binoculars or a telescope will be able to spot up to four of Jupiter's largest moons.



'IMILOA

Sharing Hawai'i's Legacy of Exploration

Star Name Credit: Polynesian Voyaging Society Archives