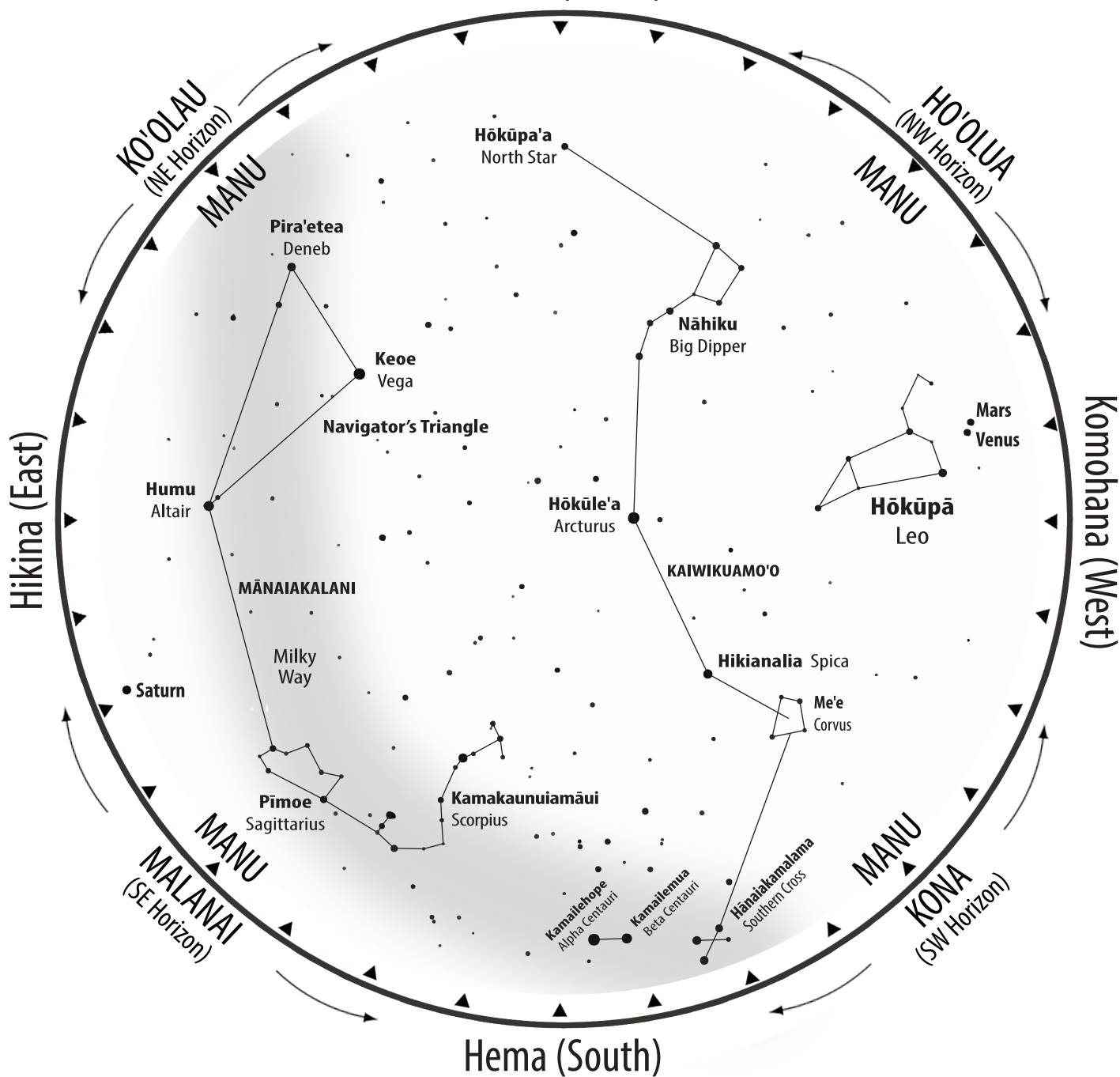


Iulai | July Skies at 8pm

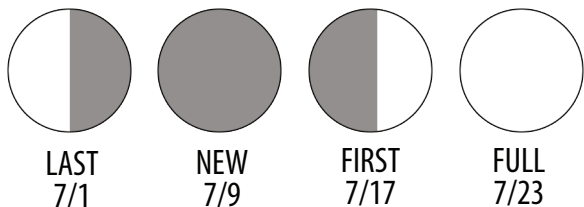
'Ākau (North)



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 Hilo, Lahaina Noon will occur on July 24th at 12:27pm.
- > **Milky Way** - Mid-summer is ideal for viewing the Milky Way. When we look at the wider and brighter portion of the Milky Way band, we are looking in through the Sagittarius arm of the galaxy and into the central region of the Milky Way itself. It is in this region that researchers (using the observatories at Maunakea) are currently studying the supermassive black hole in the center of our galaxy.



'IMILOA

Sharing Hawai'i's Legacy of Exploration

Star Name Credit: Polynesian Voyaging Society Archives