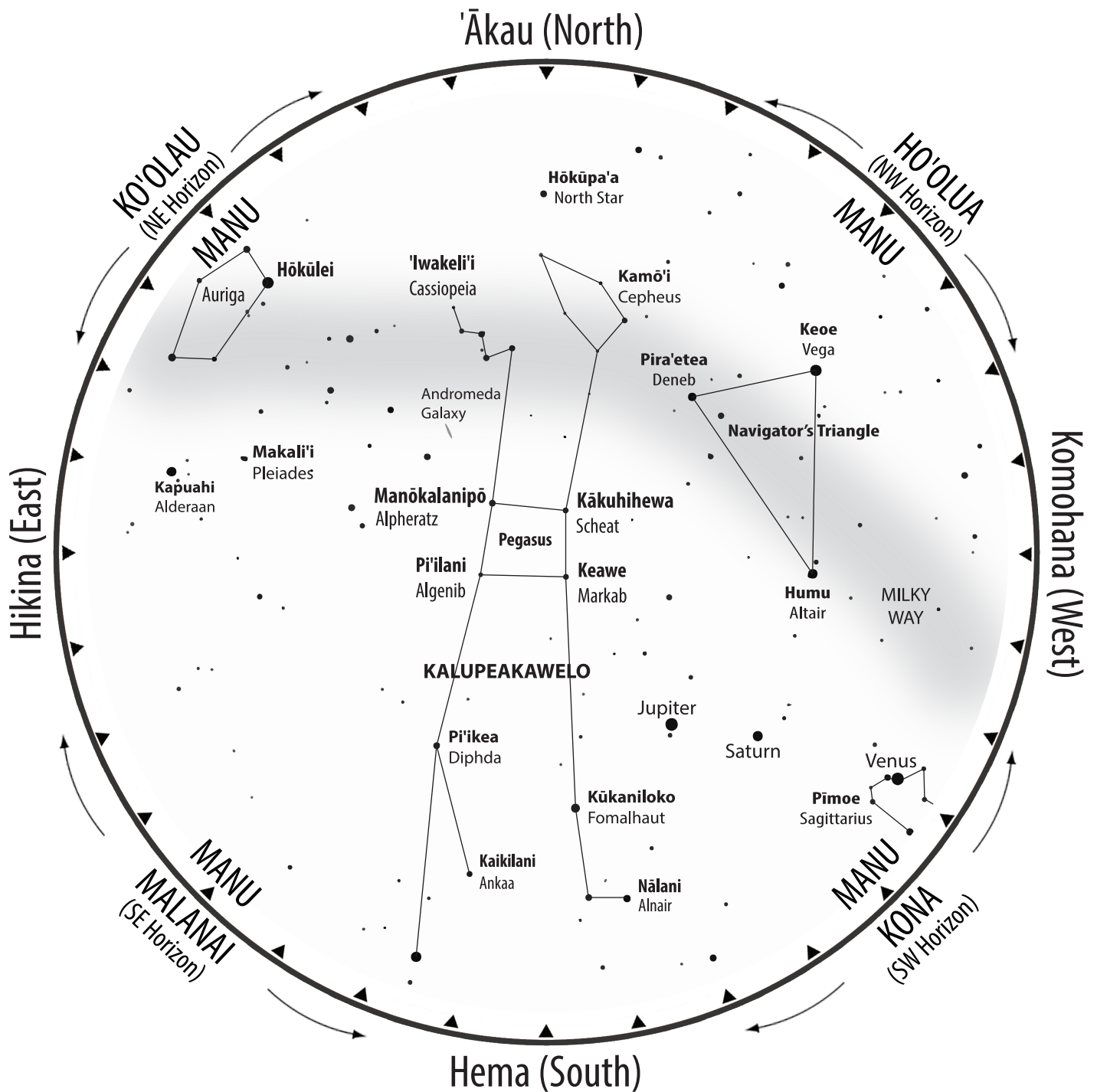


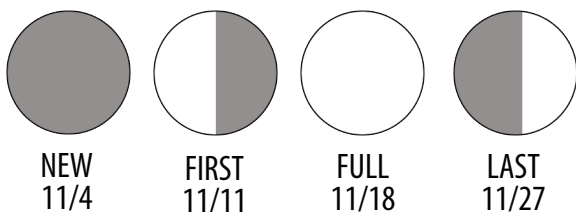
# Nowemapa | November Skies at 8pm



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.**

## November Moon Phases



## November Highlights

- > **Lunar Eclipse** - On the evening of Thursday, November 18th, observers will be able to witness a partial lunar eclipse. At 9:18pm HST, the moon will begin to pass through the main part of Earth's shadow, the umbra, and it will begin a partial lunar eclipse. At this time, the moon will begin to take on a deep red color.
- > **Leonids Meteor Shower** - Through mid-to-late November, the spectacular Leonid meteor shower will scatter our sky with shooting stars. These meteors come from the tale of the comet Tempel-Tuttle, a periodic comet which last swept through Earth's orbit in 1998. Observers will be able to see 10-15 meteors an hour on the evening of Wednesday, November 17th.



'IMILOA

Sharing Hawai'i's Legacy of Exploration

Star Name Credit: Polynesian Voyaging Society Archives