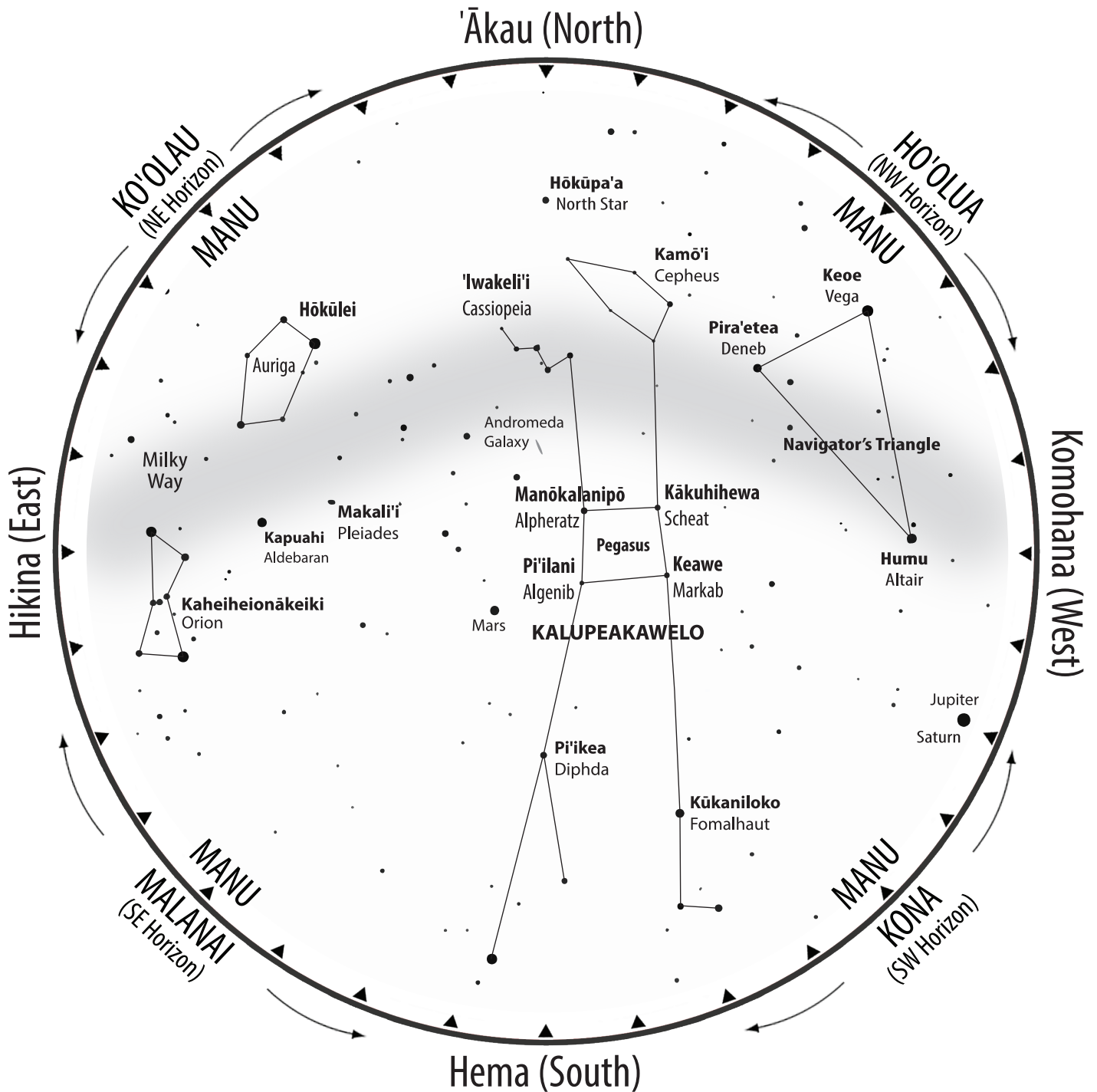


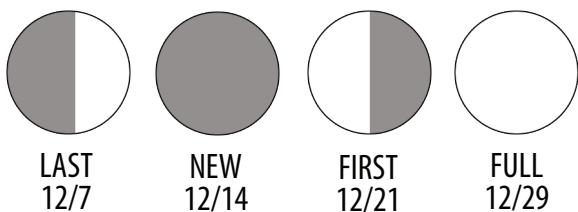
Kekemapa | December Skies at 8pm



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.

December Moon Phases



December Highlights

- > **Great Conjunction** - Throughout 2020 the gas giant planets have been accompanying each other in the sky in a giant dance. On the winter solstice, December 21st, Jupiter and Saturn will be so close to each other in our sky that they will appear as a single dot. This event is known as a great conjunction and occurs about once every 20 years.
- > **Winter Solstice** - Winter solstice for the northern hemisphere takes place on December 21, where the sun will rise and set at its southernmost position in the sky. The sun will travel at its lowest arc across the sky, marking the shortest day and longest night of the year.
- > **Geminid Meteor Shower** - Considered to be the best meteor shower of the year, this event takes place through the first couple weeks of December and peaks at 2:36 PM HST on December 14.



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