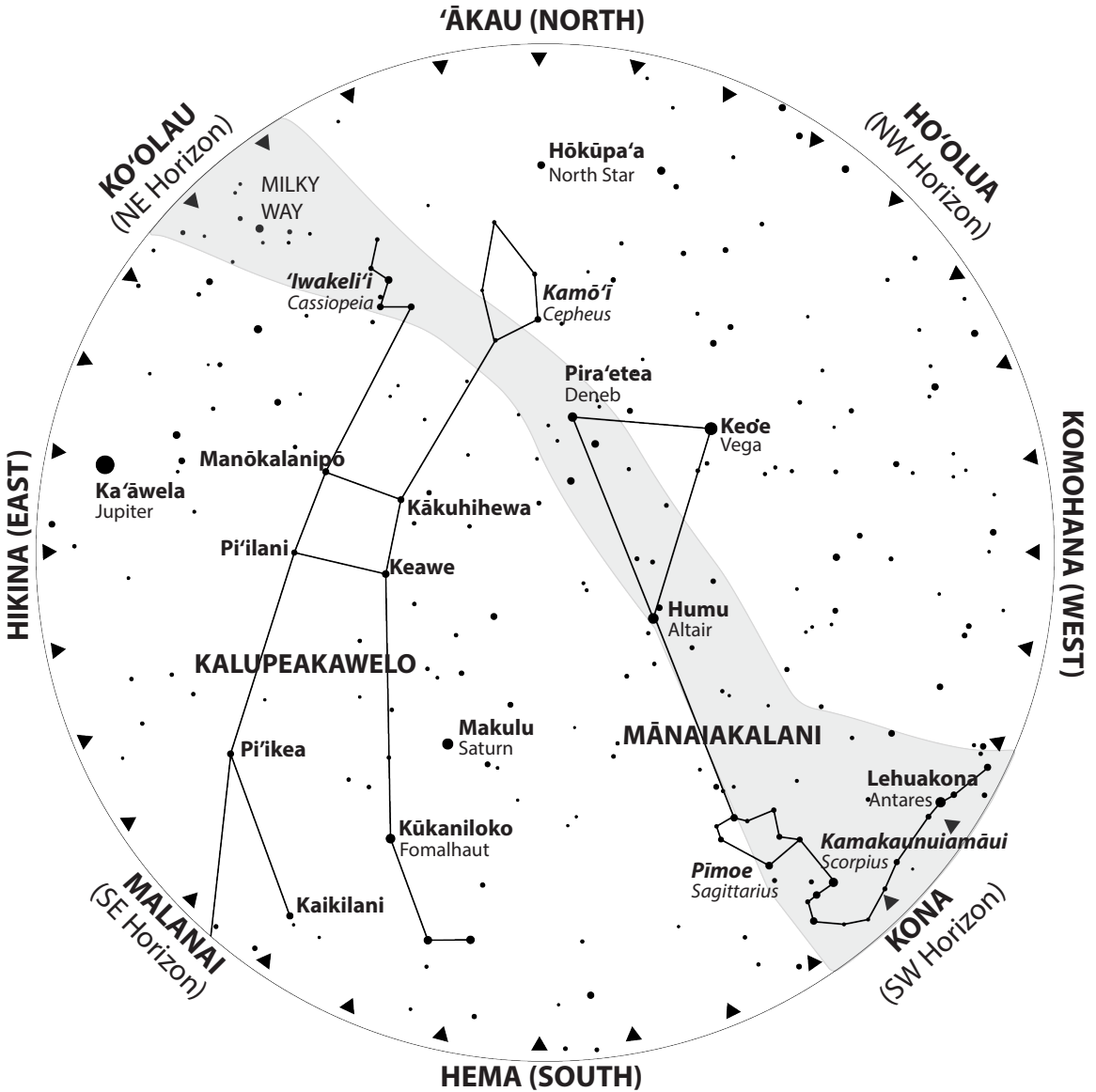


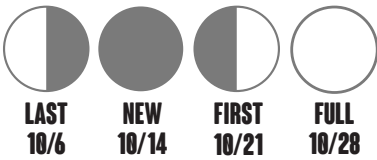
'OKAKOPA | OCTOBER



THIS CHART REFLECTS THE NIGHT SKY OVER HAWAII 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.

OCTOBER MOON PHASES



OCTOBER HIGHLIGHTS

Orionid Meteor Shower

From mid- to late-October, the night skies will be decorated with the Orionid meteor shower. This meteor shower will produce about 20 shooting stars an hour, one every three minutes when it peaks on Oct. 21.

The shooting stars from the Orionid meteor shower were left from the tail of Halley's comet, which came through the inner solar system in 1986.

