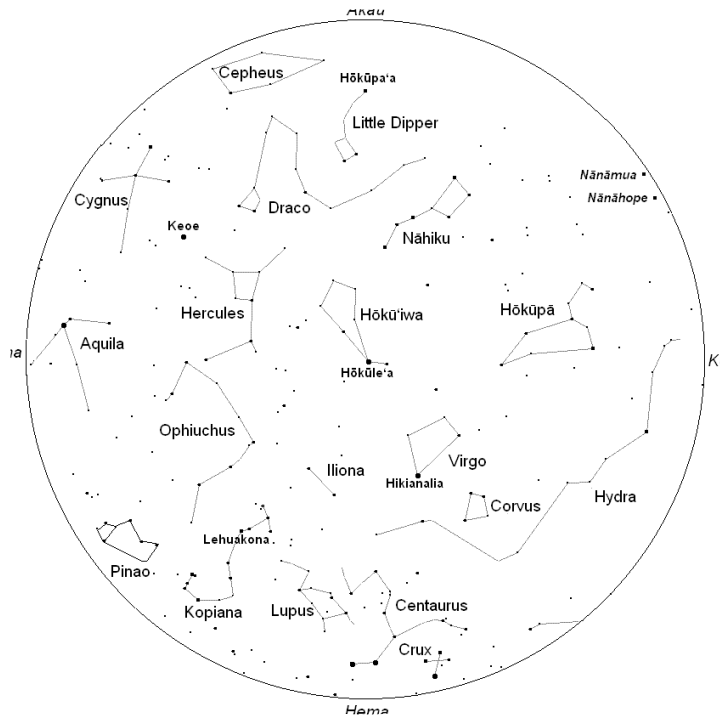


June 2011 Skies

| Date | Event |
|--------------------|--|
| Wednesday, June 1 | Muku (New Moon) at 11:03 am HST |
| Wednesday, June 8 | Olekūkahi (First Quarter Moon) at 5:11 pm HST |
| Friday, June 10 | Makulu (Saturn) 8° north of the Moon |
| Sunday, June 12 | Ukaliali'i (Mercury) in superior conjunction |
| Tuesday, June 14 | Makulu (Saturn) appears stationary |
| Wednesday, June 15 | Hoku (Full Moon) at 10:14 am HST |
| Tuesday, June 21 | Summer Solstice at 7:16 am HST |
| Thursday, June 23 | Kāloakūkahi (Last Quarter Moon) at 1:48 am HST |
| Sunday, June 26 | Ka'āwela (Jupiter) 5° south of the Moon |



June 2011 Highlights

Mercury is best viewed the last week of June right before sunset in the western sky.

Venus rises just before the Sun and is low morning sky.

Mars is visible in the morning sky in the east rising around 4am.

Jupiter returns to our morning skies this month rising around 2:30am. Look for the Galilean moons with binoculars.

Saturn will be high in the south after sunset. It will be visible until around midnight this month in the constellation of Virgo.

Summer Solstice occurs on June 21st. This is when the Sun reaches its furthest northern rising and setting points. It is the longest day of the year, and signals the official beginning of the summer season.