

July 2013 Skies

Date	Event
Friday, July 5	Earth at Aphelion
Saturday, July 6	Hökū'ulapīna'au (Mars) 4° north of the Moon
Sunday, July 7	Muku (New Moon) at 9:14pm HST
Wednesday, July 10	Hökūloa (Venus) 7° north of the Moon
Monday, July 15	Olekūkahi (First Quarter Moon) at 5:18pm HST
Tuesday, July 16	Makulu (Saturn) 3° north of the Moon
Monday, July 22	Hoku (Full Moon) at 8:15am HST Hökū'ulapīna'au (Mars) 4° north of Ka'āwela (Jupiter)
Wednesday, July 24	Lahiana Noon at 12:27pm HST
Sunday, July 28	Delta Aquarid Meteor Shower
Monday, July 29	Kāloakūkahi (Last Quarter Moon) at 7:43am HST
Tuesday, July 30	Ukialialī'i (Mercury) at greatest western elongation

July 2013 Highlights

Mercury is at its best the last week of the month in the eastern sky just prior to sunrise.

Venus is low in the western sky this month at sunset.

Mars is in the morning sky in the east this month. Look for it on the 22nd when it will have a nice pairing with Jupiter.

Jupiter re-appears in the morning sky the second half of the month in the eastern sky.

Saturn is in the southwest at sunset, and is near the Moon on the 16th.

Lahaina Noon is on July 24th. This is the second one for 2013 and at 12:27pm the Sun will be directly overhead (at the zenith) casting no shadows.

The Delta Aquarid Meteor shower peaks on the 28th. Look for 15-20 meteors per hour after midnight.



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July Sky Chart

