

July 2016 Skies

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| Monday, July 4th | Muku (New Moon) at 1:01 am HST Earth at Aphelion |
| Monday, July 11th | ‘Olekukahi (First Quarter Moon) at 2:52 pm HST |
| Tuesday, July 19th | Hoku (Full Moon) at 12:57 pm HST |
| Saturday, July 24th | Lahaina Noon at 12:26 pm HST (for Hilo) |
| Tuesday, July 26th | Kaloakukahi (Third Quarter Moon) at 1:00 pm HST |
| Wednesday, July 27th | Peak of Delta Aquarids Meteor Shower |

On July 1st the sun will rise at 5:45 am and set at 7:03 pm, yielding 13 hours, 17 minutes, and 54 seconds of daylight. By July 31st the sun will rise at 5:56 am and set at 6:57 pm, yielding 13 hours and 49 seconds of daylight. By the end of the month we will lose 17 minutes and 5 seconds of daylight.

With the summer solstice (June 20th) now past, the sun will start rising and setting farther and farther south in the sky, and the days will start to get shorter as we approach the autumn equinox in September.

July 2016 Highlights

From mid-July to mid-August we will be able to witness the Delta Aquarid meteor shower. This is an annual meteor shower produced by the debris left from the Marsden and Kracht comets. This shower will reach its peak on the evening of July 27th when there will be about 20 meteors each hour. The meteors will appear to move across the sky from east to west, generally propagating from the constellation Aquarius.

July 24th marks Lahaina Noon, an event that can only be experienced in the tropics, and therefore, Hawai‘i is the only state in the United States to experience it. Lahaina Noon is the Hawaiian term for the tropical phenomenon when the sun will appear directly overhead at solar noon. As a result, vertical objects, like lamp posts, will cast no shadow. Here at ‘Imiloa, our skylight will perfectly illuminate the mosaic on our atrium floor. The exact date and time of Lahaina Noon depends on one’s latitude in the tropics. The time listed above (12:26 pm) is for Lahaina Noon in Hilo.



‘IMILOA
Astronomy Center of Hawai'i

July Sky Chart

