

October 2015 Skies

Sunday, October 4th	Kaloakukahi (Third Quarter Moon) at 11:06 am HST
Monday, October 12th	Muku (New Moon) at 2:06 pm HST
Tuesday, October 20th	‘Olekukahi (First Quarter Moon) at 10:31 pm HST
Wednesday, October 21st	Peak of Orionids
Monday, October 26th	Conjunction of Venus and Jupiter
Tuesday, October 27th	Hoku (Full Moon) “Supermoon” at 2:05 am HST
Wednesday, October 28th	Conjunction of Venus, Mars, and Jupiter

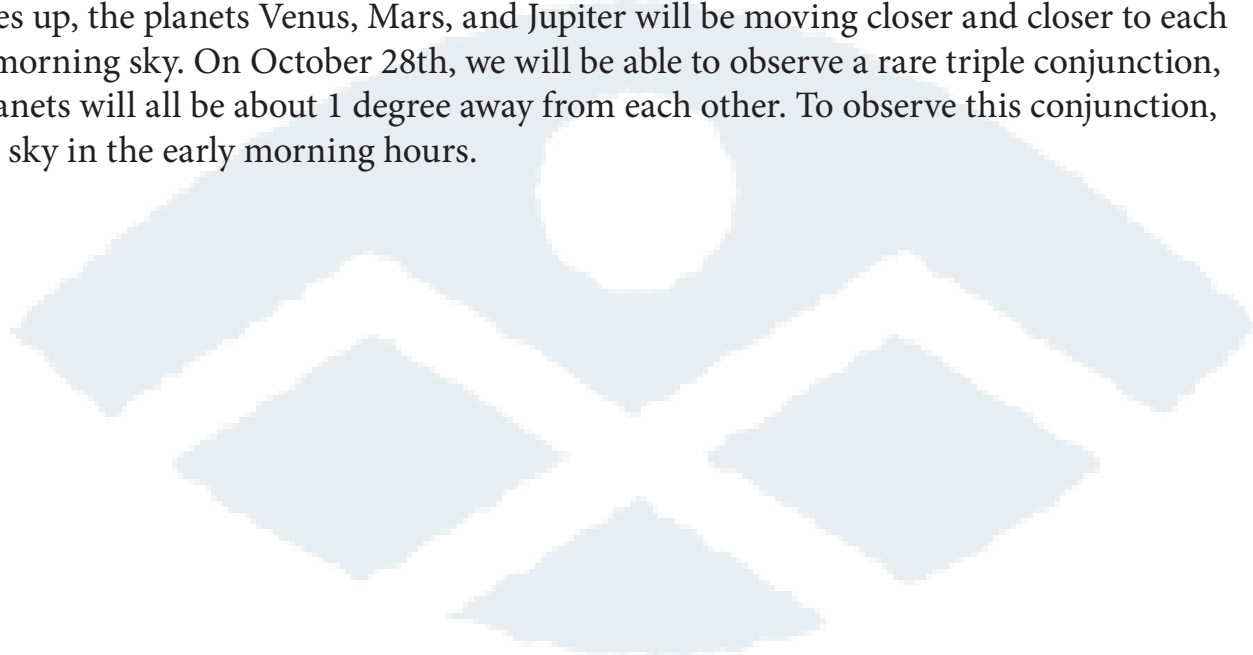
On October 1st, the sun will rise at 6:11 am and set at 6:08 pm, yielding 11 hours, 57 minutes, and 20 seconds of daylight. By October 31st, the sun will rise at 6:21 am and set at 5:47 pm, yielding 11 hours, 25 minutes, and 37 seconds of daylight. Throughout the whole month of October we will lose a total of 31 minutes and 43 seconds of daylight.

As the month progresses, the Sun will be rising and setting farther and farther south in the sky. Our daylight hours will continue to diminish until the Winter Solstice in December.

October 2015 Highlights

Throughout the month of October, one might notice an increase in shooting stars across our sky. These meteors are a part of the Orionid meteor shower, which will be peaking the evening of October 21st. These meteors are the remaining grains of dust and ice which was left behind by the famous Halley’s comets. As the dust grains fall through our atmosphere they burn up, creating shooting stars across our sky.

As the month closes up, the planets Venus, Mars, and Jupiter will be moving closer and closer to each other in the early morning sky. On October 28th, we will be able to observe a rare triple conjunction, where the three planets will all be about 1 degree away from each other. To observe this conjunction, look to the eastern sky in the early morning hours.





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October Sky Chart

