

revised 9-9-2011

Celestial Events for 2012
 Hōkūlani Imaginarium
 Windward Community College
 Joseph Ciotti

all times HST

| Month | Day | Time | Celestial Event |
|-------|-----|--------------------------|--|
| Jan | 2 | 10:19 am | Moon at apogee (farthest from earth) |
| | 3 | 9:23 pm | Quadrantid Meteor Shower peak |
| | 4 | 5:59 pm | perihelion (earth closest to sun) |
| | 4 | 11:17 pm | Moon-Pleiades (2.5° apart) |
| | 17 | 11:28 am | Moon at perigee (closest to earth) |
| | 30 | 7:42 am | Moon at apogee (farthest from earth) |
| Feb | 11 | 8:32 am | Moon at perigee (closest to earth) |
| | 27 | 4:02 am | Moon at apogee (farthest from earth) |
| Mar | 10 | 12:02 am | Moon at perigee (closest to earth) |
| | 13 | evening | Venus-Jupiter (3° apart) |
| | 19 | 7:14 pm | Vernal Equinox (first day of spring) |
| | 25 | 8:04 pm | Moon at apogee (farthest from earth) |
| | 25 | evening | Moon-Jupiter (3° apart) |
| Apr | 7 | 6:59 am | Moon at perigee (closest to earth) |
| | 21 | 6:54 pm | Lyrid Meteor Shower peak |
| | 22 | 3:39 am | Moon at apogee (farthest from earth) |
| May | 4 | 8:08 am | Eta Aquarid Meteor Shower peak |
| | 5 | 5:33 pm | Moon at perigee (closest to earth) |
| | 18 | 12:17 pm | Hilo (kau ka la i ka lolo = "Lahaina Noon") |
| | 18 | 12:17 pm | Kailua-Kona (kau ka la i ka lolo = "Lahaina Noon") |
| | 19 | 6:13 pm | Moon at apogee (farthest from earth) |
| | 20 | 2:03 – 4:11 pm | partial solar eclipse |
| | 23 | 12:21 pm | Hana (kau ka la i ka lolo = "Lahaina Noon") |
| | 24 | 12:23 pm | Kahului (kau ka la i ka lolo = "Lahaina Noon") |
| | 24 | 12:24 pm | Lahaina (kau ka la i ka lolo = "Lahaina Noon") |
| | 24 | 12:25 pm | Lanai City (kau ka la i ka lolo = "Lahaina Noon") |
| | 26 | 12:26 pm | Kaunakakai (kau ka la i ka lolo = "Lahaina Noon") |
| | 27 | 12:29 pm | Honolulu (kau ka la i ka lolo = "Lahaina Noon") |
| | 27 | 12:29 pm | Kaneohe (kau ka la i ka lolo = "Lahaina Noon") |
| | 31 | 12:37 pm | Lihue (kau ka la i ka lolo = "Lahaina Noon") |
| Jun | 3 | 3:19 am | Moon at perigee (closest to earth) |
| | 4 | 12:00 midnight – 2:06 am | partial lunar eclipse |
| | 5 | 12:10 pm – 6:45 pm | transit of Venus |

revised 9-9-2011

| | | | |
|-----|----|----------|--|
| | 15 | 3:24 pm | Moon at apogee (farthest from earth) |
| | 17 | morning | Moon-Venus (4° apart) |
| | 20 | 1:09 pm | Summer Solstice (first day of summer) |
| Jul | 1 | 8:01 am | Moon at perigee (closest to earth) |
| | 4 | 1:59 pm | Aphelion (earth farthest from sun) |
| | 11 | 12:45 pm | Lihue (kau ka la i ka lolo = "Lahaina Noon") |
| | 13 | 6:47 am | Moon at apogee (farthest from earth) |
| | 15 | morning | Moon-Venus (3.5° apart) |
| | 15 | 12:37 pm | Kaneohe (kau ka la i ka lolo = "Lahaina Noon") |
| | 16 | 12:38 pm | Honolulu (kau ka la i ka lolo = "Lahaina Noon") |
| | 17 | 12:35 pm | Kaunakakai (kau ka la i ka lolo = "Lahaina Noon") |
| | 18 | 12:32 pm | Kahului (kau ka la i ka lolo = "Lahaina Noon") |
| | 18 | 12:33 pm | Lahaina (kau ka la i ka lolo = "Lahaina Noon") |
| | 19 | 12:30 pm | Hana (kau ka la i ka lolo = "Lahaina Noon") |
| | 19 | 12:34 pm | Lanai City (kau ka la i ka lolo = "Lahaina Noon") |
| | 24 | 12:27 pm | Hilo (kau ka la i ka lolo = "Lahaina Noon") |
| | 24 | 12:27 pm | Kailua-Kona (kau ka la i ka lolo = "Lahaina Noon") |
| | 27 | 9:59 am | Delta Aquarid Shower peak |
| | 28 | 10:30 pm | Moon at perigee (closest to earth) |
| Aug | 10 | 12:51 am | Moon at apogee (farthest from earth) |
| | 11 | morning | Moon-Jupiter (2° apart) |
| | 12 | 1:50 am | Perseid Meteor Shower peak |
| | 13 | morning | Moon-Venus (2° apart) |
| | 14 | evening | Mars-Saturn (2.75° apart) |
| | 23 | 9:39 am | Moon at perigee (closest to earth) |
| Sep | 6 | 10:00 pm | Moon at apogee (farthest from earth) |
| | 8 | morning | Moon-Jupiter (1.0° apart) |
| | 18 | 4:52 pm | Moon at perigee (closest to earth) |
| | 19 | evening | Moon-Mars(1.5° apart) |
| | 22 | 4:49 am | Autumnal Equinox (first day of fall) |
| Oct | 4 | 2:43 pm | Moon at apogee (farthest from earth) |
| | 5 | morning | Moon-Jupiter (3° apart) |
| | 16 | 3:02 pm | Moon at perigee (closest to earth) |
| | | 6:08 pm | Orionid Meteor Shower peak |
| Nov | 1 | 5:30 am | Moon at apogee (farthest from earth) |
| | 4 | 6:36 pm | South Taurid Meteor Shower peak |
| | 11 | 5:53 pm | North Taurid Meteor Shower peak |
| | 14 | 12:22 am | Moon at perigee (closest to earth) |
| | 17 | 12:10 am | Leonid Meteor Shower peak |
| | 17 | 5:48 pm | Pleiades rise at sunset (first condition needed for declaring start of Makahiki; must wait until the |

revised 9-9-2011

| | | | |
|-----|----|---------|--|
| | | | sighting of first visible crescent moon after this date) |
| | 26 | morning | Venus-Saturn (0.5° apart) |
| | 28 | 9:35 am | Moon at apogee (farthest from earth) |
| Dec | 11 | morning | Moon-Venus (2° apart) |
| | 12 | 1:14 pm | Moon at perigee (closest to earth) |
| | 13 | 1:20 pm | Geminid Meteor Shower peak |
| | 14 | sunset | Beginning of Makahiki with sighting of first visible crescent moon after rise of Pleiades (this unofficially could be consider beginning of Makahiki; technically someone must visually sight the first crescent moon that occurs after the Mahakihi rise at sunset) |
| | 21 | 1:12 am | Winter Solstice (first day of winter) |
| | 21 | 10: pm | Ursids Meteor Shower peak |
| | 25 | 11:19 m | Moon at apogee (farthest from earth) |