

Lunar Observation Sheet

Date: _____

Time of observation: _____

1. **Location of observation: Where were you when you saw the moon?**
2. **Where was the moon located in the sky at the time of the observation?**
3. **Weather observations:** Is it windy? Is it hot? Is it cold? Is it raining? What kind of rain? What kind of wind? How hot? Record anything you noticed about that particular day or night.
4. **Daily tidal report: There are two sets of tides that usually happen daily.**
Record both. Notice what time the moon rises and sets in conjunction with the high and low tides.
*Daily tide reports can be gotten from many resources. The newspaper gives daily tide reports and there are several surf reports on the various radio stations.
Online: United States Geological Service, NASA, Bishop Museum, or simply Google Hawai'i Tide Chart and see what you get.*
5. **Record blooming, fruiting or leaf growing stages of plants.**
6. **What plants are prevalent?**
7. **Note fish/marine species spawning, migration, aggregation or appearance.**
What types of fish/marine species are prevalent?
8. **Record ocean activities.** *Is it rough? Is it calm? Are there swells? Do the waves barrel?*
9. **Record bird activities.** *Migration, nesting, flocking and other activities.*
10. **Record weather or climate season activities.**
11. ***Any other natural growth or parallel form activities.**
12. **Plants planted on this phase.** *Followed by noted growth patterns and activities.*

Shape of the moon observed: Draw the shape of the moon you observed.

