

Continuing Observations: Phases of the Moon

One of the topics we will investigate this quarter is the appearance of the Earth's Moon in the sky. Through IDS 101 we emphasized that if we observe the world around us, we can make sense of it. In this case we want you to observe the Moon in the sky as often as possible this quarter. We recognize that winter sky observations in western Washington is difficult, but there are sometimes that the Moon is visible and we want you to record what you see. These observations are due around February 1. We will give you the exact date in class.

You need to record four types of data about the Moon:

- 1) the date
- 2) the time of day. Use AM or PM designation in your observations.
- 3) the appearance of the moon (draw a sketch of what you see)
- 4) the position of the moon in the sky. You will need to face south and on your left will be the eastern horizon that is what we will call 9:00 on a clock dial. Directly overhead is 12:00 on the clock dial. And on your right will be the western horizon that will be 3:00 on the clock dial. Estimate the position of the Moon by recording the clock dial position. To separate these measurements from the time of day measurements, do not use AM or PM. If you have questions see Bob or Keith.

Date	Time of Day (include AM/PM)	Sketch of the Moon	Position of the Moon in the sky

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