

Long term Astronomy Observation Project

Please observe the location and shape of the moon over the next month (September 9th through October 9th). You will have an easier time remembering to make your observations if you try to do them at a consistent time and in a consistent place. For each day be sure to record

- the time you made your observation,
- if it was clear or cloudy (i.e., too cloudy to see the moon)
- the moon's height above the horizon using the fist technique we used in class.
- If you see the moon then sketch its illuminated outline, you may find it helpful to shade around the moon in your sketch. if the sky was clear but you couldn't see the moon then instead of a sketch write "not visible".

You can miss as many as 3 observations without penalty. The moon will set tonight shortly after 9pm near where the sun set. I recommend that you make your observations between 8 and 9pm.

When the project is due, turn in both your observation log and a paragraph or so describing any patterns you notice in your observations.