

Sky Watch

Before you do the Sky Watch:

Go to the web site:

<http://skyandtelescope.com/observing/skychart/#>

1. Select VIEW SKY CHART. Enter the zip code (where you will be observing) and "USA" for country. Then SUBMIT. Enter "Central Time Zone" from pull-down menu and submit.
2. This page shows a full-sky view and a horizon view for the place you selected. You can change the date or the time as shown. Click and drag on the maps to manipulate the positions.
3. Set all the parameters for the date and time you plan to observe. Select "printable" and print off a copy for your use that night.
4. Now go back to the original web page where you started. On the left, select "Sky at a glance". Look for the positions of some objects that may be visible during your observation.

For your Sky Watch:

On a clear night of your choice, collect the following data. You may work in groups of 2 or 3 and turn your work in collectively. Do the activities in a safe place, preferably away from lights. A flashlight covered with red cellophane is useful for seeing what you write without "unadjusting" your eyes.

Date _____ Time _____ am / pm

Give the altitudes and azimuths of at least 12 of the following:

Object	Altitude	Azimuth
Deneb		
Altair		
Vega		
Polaris		
Arcturus		
Moon		
Center of Pegasus square		
Saturn		
Rigel		
Mars		
Center of the Pleiades		
Center of Cassiopeia		
Capella		
Sirius		
Aldebaron		
Procyon		
Betelgeuse		
Some other Object		