

GUIDE FOR GLOBE AT NIGHT ACTIVITY

Globe at Night is an international citizen-science campaign to raise public awareness of the impact of light pollution by inviting citizen-scientists to measure & submit their night sky brightness observations.

It's easy to get involved! All you need is to do the following steps:

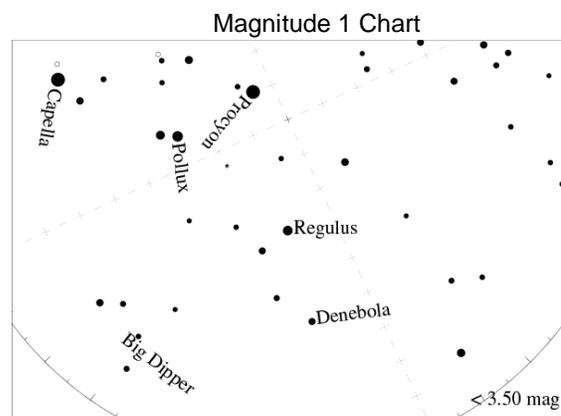
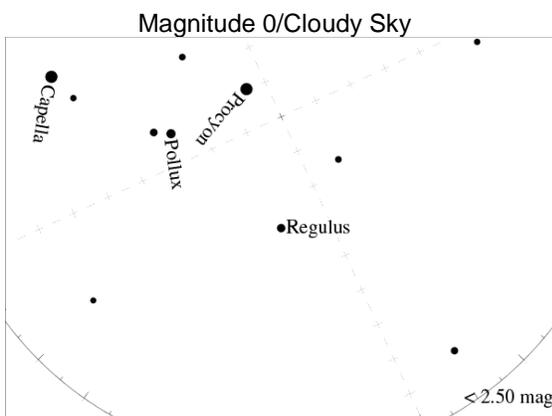
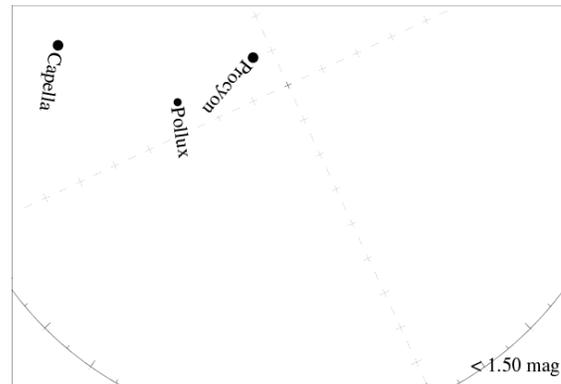
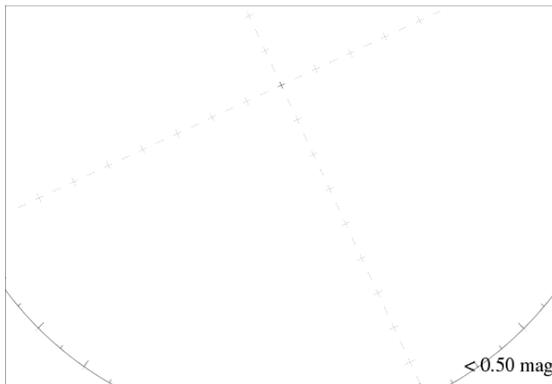
1. Go outside more than an hour after sunset (around 8-10 pm local time). The Moon should not be up. Let your eyes become used to the dark for 10 minutes before your first observation.

2. Spot Leo constellation in the night sky. Once you have found Leo, you will be able to see why the ancients visualized this asterism as a lion and you will find it very easy.

3. How to find Leo?

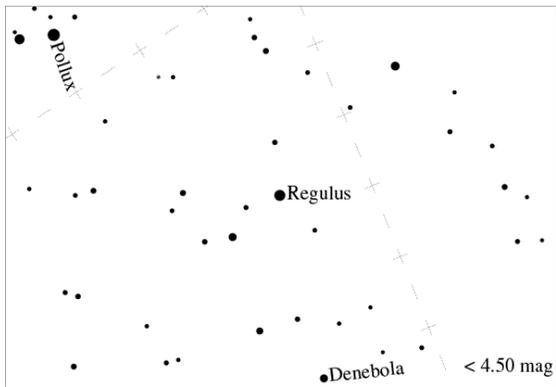
Much like any time you are looking for something new, it is usually easier to start with something you already know. In the case of the night sky, one of the most recognizable constellations is that of the Big Dipper. Look for it in the North. You can trace its curved handle to the four stars that make up the bowl of the dipper. The two stars that delineate the far side of the bowl are often called pointer stars. If you follow them to the North, they point right at the North Star (Polaris), which also happens to be the first star in the handle of the Little Dipper. Following the pointer stars to the South will point you right to Leo.

4. Match your observation to one of 7 magnitude charts and note the amount of cloud cover.

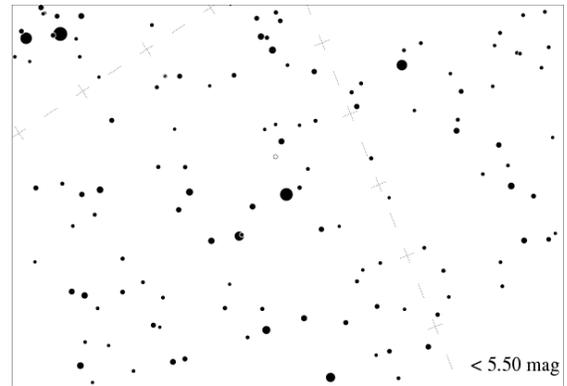


Magnitude 2 Chart

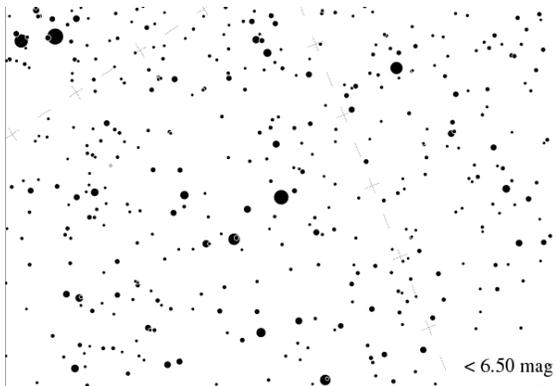
Magnitude 3 Chart



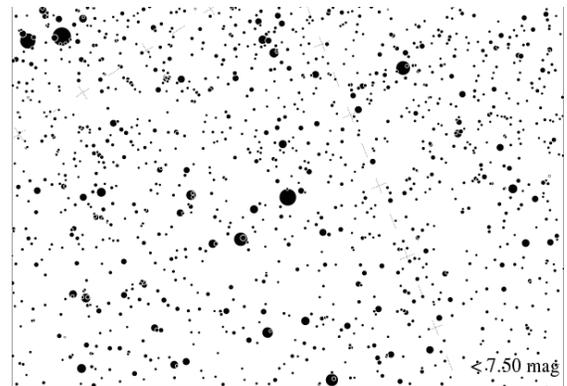
Magnitude 4 Chart



Magnitude 5 Chart



Magnitude 6 Chart



Magnitude 7 Chart

5. Report your observations by filling the online form on <https://www.globeatnight.org/webapp/> and later send the confirmation mail received from the Globe at night website to us on outreach@space-india.com.