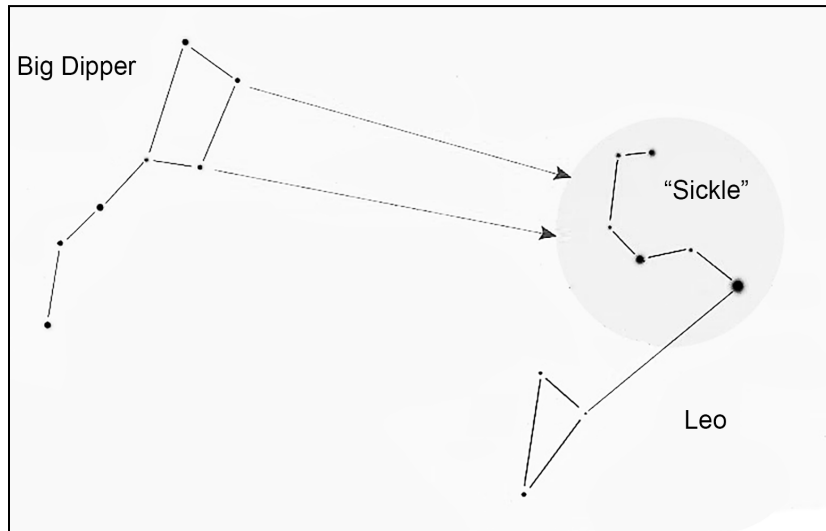


Globe at Night Observation Instructions for April 16-20, 2023 using a smartphone



There's more at ducc-cjt.com/dark-sky

Beforehand

- A. Plan to make the observation near your home; you don't need to go to a special place.
- B. Check the weather for April 16- 20; you won't see stars if the sky is covered with clouds.
- C. Make sure you can find the constellation Leo.
 - Locate the Big Dipper; the sides of its "bowl" point to a sickle shape, part of Leo
 - Use an app that locates objects in the sky. **Star Walk 2** is free for iPhone or Android.
- D. Bookmark the Globe at Night Report web page — app.globeatnight.org
To access it even more easily, add it to your phone's home screen.

Observation

It should be a relatively clear night with no moonlight to interfere.

1. After 9:30 pm, turn off the outdoor lights.
2. Take your phone outside and get away from any remaining lights.
3. Give your eyes 10 minutes to get used to the dark - don't skip this!
4. Find Leo. (C above)
5. Open the Globe at Night Report web page. (D above)
 - Tap **MAP IT** (phone may ask permission for location)
 - Tap the image that looks most like what you see around Leo.
Make a mental note of the magnitude number (0-7)
 - Chose the amount of cloud cover.
 - Tap **SUBMIT DATA** (no need to fill in the other boxes).

