

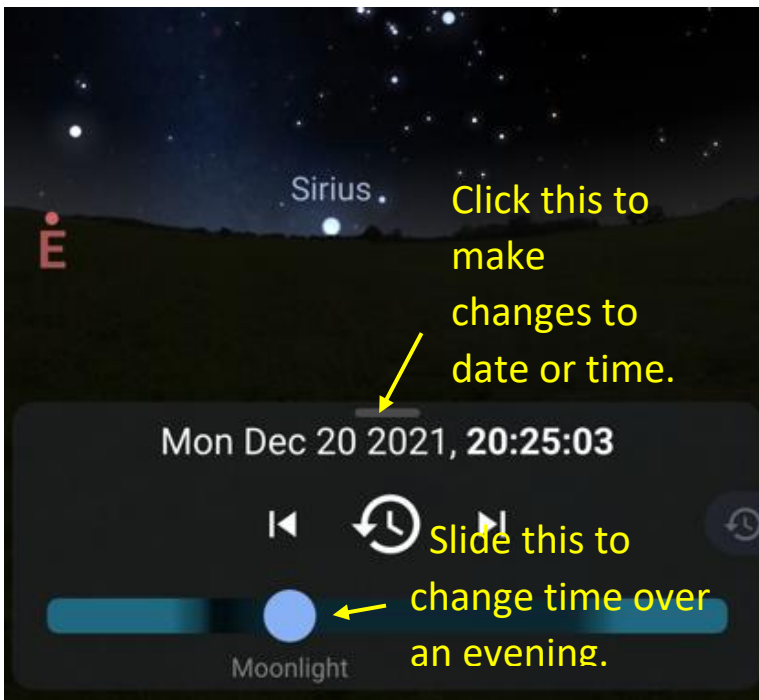
Stellarium on Cell Phones

At the App or google store search for Stellarium and download the free program. The initial screen looks something like this with the yellow labels added:



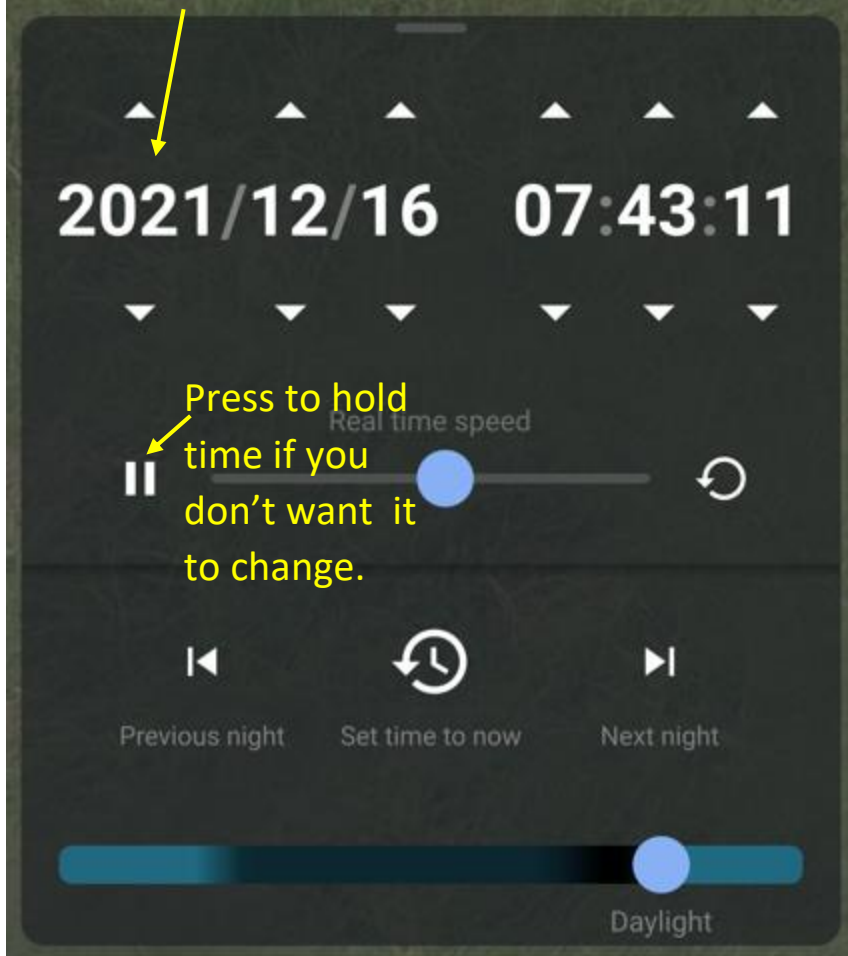
Use search to find Jupiter. You can zoom in by moving two fingers apart. Even if it is below the horizon, you can eventually get a close up view of moons and surface features.

Sometimes you want a different time than “now”. You might want to plan an observation for later tonight or examine a picture from earlier to identify objects. So click the time numbers in the very lower right. Then you get a screen like:



Change years by either clicking arrows above & below, or click the number. Then you can enter a different number.

There is no year zero. To investigate the close Venus Jupiter conjunction on June 17, 2 BCE enter year -1.



It's useful to get students to use the program. You can make up challenge questions such as:

- when will the moon rise today?
- what is the brightest comet now?
- sketch Jupiter with its 4 bright moons

- which zodiac constellation is south at midnight (ie opposite Sun)?

If you make up a series of questions, please send them to schoolclubs@rasc.ca to share with other clubs.