

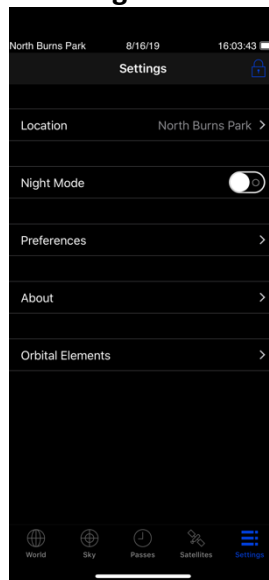
Predicting Starlink satellites with an iPhone/iPad – v2

This describes how to use the GoSatWatch app to predict when and where Starlink satellites will be visible from your location.

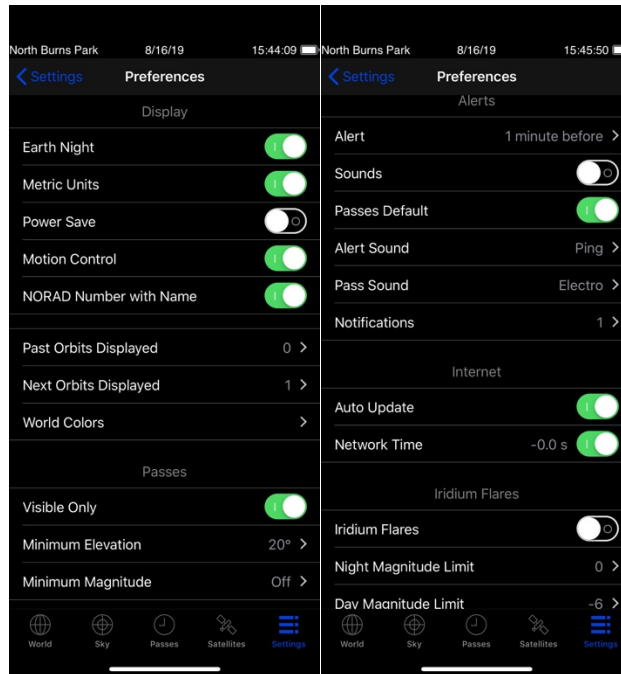
<https://gosoftworks.com/apps/gosatwatch/>

Other satellite prediction apps will work if you can load a custom TLE set into the app.

1. After opening the app, select **Settings** at the bottom far right. Select **Location** and then **Current Location**. Then back to **Settings**.



- Then **Preferences** to produce screens like this (scroll down to get the screen on the right). Make sure all of the settings correspond to those here – NORAD #, Visible only, minimum magnitude OFF, Auto update on, Iridium flares off (there are no more Iridium flares). When finished, select **Settings** at the top left.

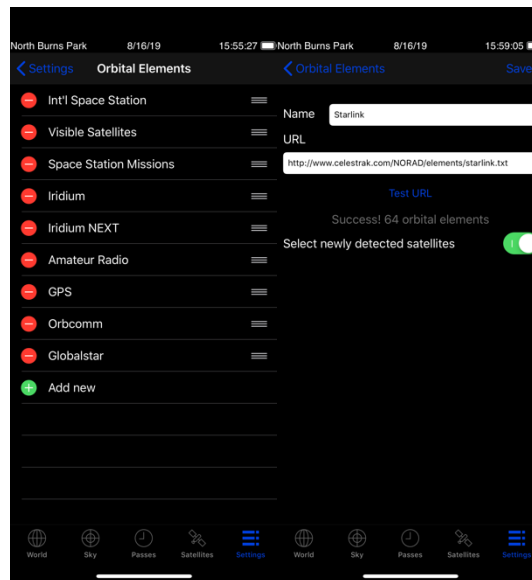


3. Now select **Orbital Elements** at the bottom. Select **Add new** at the bottom. Enter the name **Starlink** and in the URL:

<https://celestrak.com/NORAD/elements/supplemental/starlink.txt>

This picks up the supplemental TLEs, based on the higher accuracy and precision orbital elements provided by SpaceX. You can leave this permanently programmed – new Starlinks will automatically be added to it after each launch.

4. Make sure you don't have two `http://` at the start (one is preloaded). Then **Test URL** and you should pick up more than 460 orbital elements. Select **Save** at upper right and then **<Orbital Elements**. You should see **Starlink** at the bottom of the list.



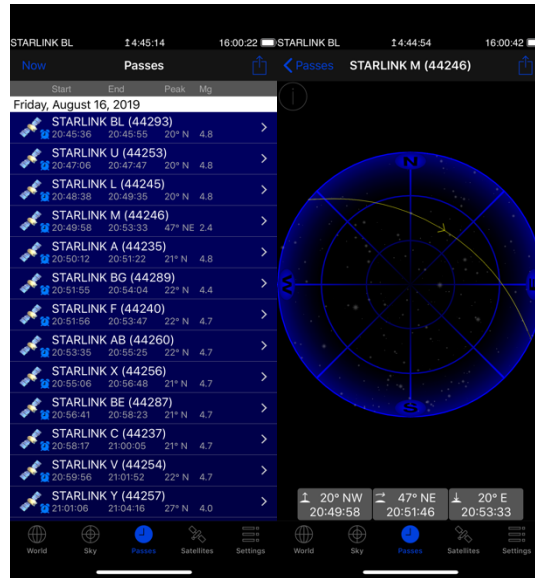
5. Goto **Satellites** at the bottom – unselect everything except **Starlink**. Select visible for a catalog of other bright satellites – everything else is too faint to be seen with the eye.

Satellites

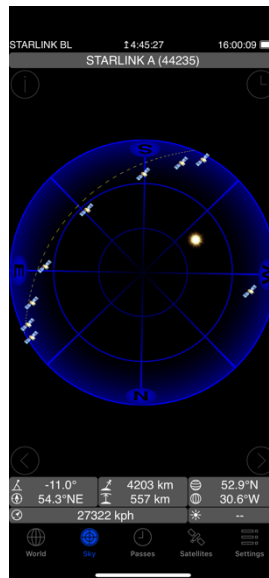
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- Int'l Space Station ⓘ
- Visible Satellites ⓘ
- Space Station Missions ⓘ
- Iridium ⓘ
- Iridium NEXT ⓘ
- Amateur Radio ⓘ
- GPS ⓘ
- Orbcomm ⓘ
- Globalstar ⓘ
- ✓ Starlink ⓘ

6. You are now ready to observe! Select Passes to get a list of passes organized by time, select any one pass to get a sky map of that pass. The source and quality of the magnitudes is unknown.



7. Select **Sky** at the bottom to see all satellites currently selected in **Satellites** which are above you:



Enjoy!

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