

SSCWEB instructions for LAB-WORK-1

To plot the orbit of the spacecraft.

1. <http://sscweb.nasa.gsfc.gov>
2. On the page that comes to screen, Click on “+Locator Graphics”.

From the menu that comes to the screen, from the boxes on the left, **select your spacecraft, WIND**. From the options on the right, **choose ORBIT plot option**. (it has been already checked by default)

3. Then continue moving towards the bottom on the same page. On the panel, **ENTER** the starting and ending dates of the orbit you want to plot.
Use 180 days for both ACE and WIND when you type the dates. **Make sure** to enter the correct dates that you use in your LabWork sheet for each spacecraft.
4. Then under EXECUTION OPTIONS, **click on PLOT**.
5. The orbit plots on different planes: XY, XZ, YZ; and XR- will appear on your screen. By default, the panels will include the bow shock and magnetopause lines.
6. This is the basics. You can explore more advanced buttons related to your plotting if you want.