

**NAME:** \_\_\_\_\_

**date:** \_\_\_\_\_



### **Snow and Ice Data**

1. Open MyNASADData.  
<http://mynasadata.larc.nasa.gov/>
2. Click on +Data Access
3. Click on +Live Access Server (Basic Edition)
4. Under Select Data Set, click on Snow
5. Under Dataset Variable(s), select Monthly Snow/Ice Amount
6. Click on the red Next button
7. Check that the following options are selected:
  - View: Map
  - Output: Graph output
  - Region: World
  - Time: 15 Jan 2008
8. Click the red Next. A map should appear.
9. Click on "Open plot in a new window"
10. Follow steps 1- again, but change the time to 15 Jun 2008
11. A second map should appear.

List one major change you observe when viewing both maps.

Using what you know about seasonal changes, draw a conclusion about what has happened between January 15, 2008 and June 15, 2008. Be sure to use specific words to express land masses.

Using the maps, how can you prove that Earth's axis is tilted?