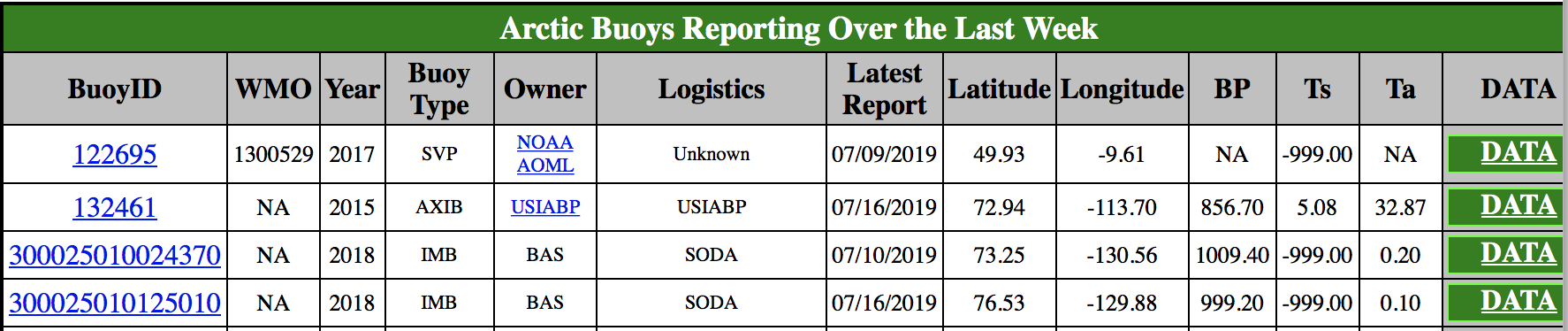
**1.3 How-to Guide**: **Downloading and Importing Arctic Buoy Data**

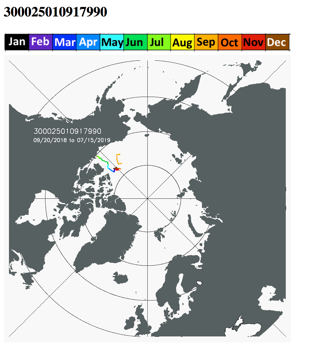
Downloading Buoy Data:

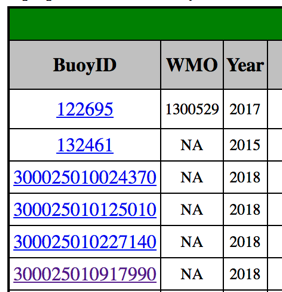
*Make note of the buoy id number you have been provided. You will need this number to find the buoy’s data.*

1. In a web browser navigate to <http://iabp.apl.washington.edu/maps\_daily\_table.html>.
2. Scroll down, you will find a table with buoy ids listed in the first column. Find your buoy by its ID number.



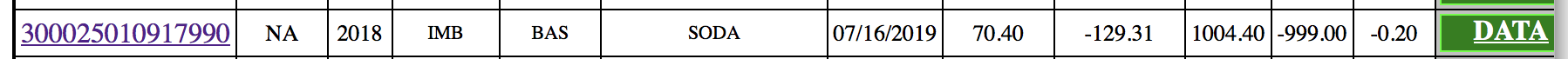
1. To look at the buoy trajectory, **click** on the ID number.







1. Go **back** to the previous page.
2. To download the data for this buoy, **click** on the ‘DATA’ link in the far column entry for the buoy. *This will download a text file, which has a filename with the buoy ID number as the root of the filename and .dat as the suffix of the filename. You can open the text file in a text editor such as notepad on windows, TextEdit on mac.*

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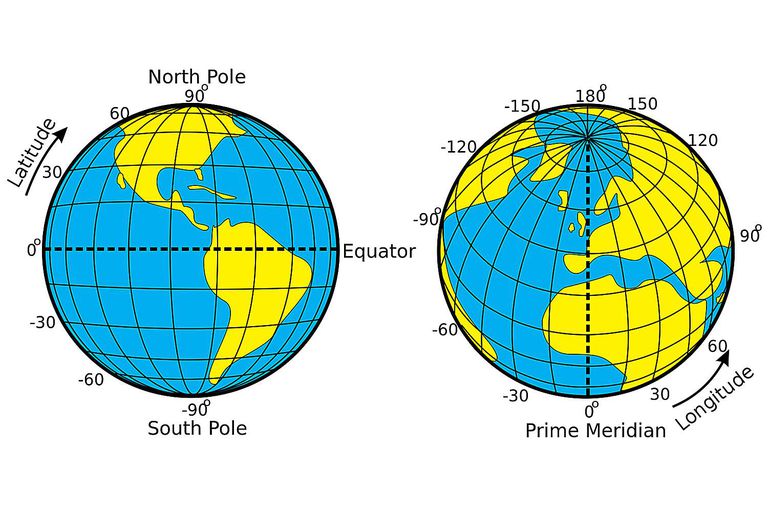
1. Change the suffix of the file by renaming it from ‘.dat’ to ‘.txt’. *This will make it easier to import into excel later.*

Importing Buoy Data into Excel:

*Follow these instructions to import the .txt file into excel:*

1. Open a blank excel workbook.
2. Choose **Import** (from the main menu item **File** -> **Import**)
3. Choose the **Text file** option
4. Navigate to find the ‘.txt’ file you downloaded, click on it, and then click **Get Data**. This opens the Text Import Wizard.
5. Select **Delimited** as the import option.
6. Change **Start import row** to 3, or 2 if you want headers to appear in the excel sheet.
7. Click **Next** and then select **Tab** and **Space** under the delimiters column. *Check that the columns are aligned as you expect them to be.* If so, click **Next**. If not, go back and try a different import option.
8. Click **Finish**, and **OK** to place this in the existing sheet at the top left-most cell (**A1**).
9. Check the data has imported as you wish it to be. *Are all fields in separate columns?*
10. You may wish to add a line to the top of the file with headers describing the column contents. To do this, right click on **1** the number that signifies row one. Choose **Insert**, then type in the column labels to the new cells that appear.

Looking at the progression of the latitude and longitude values in time, can you see if the buoy is drifting north, south, east or west?



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