

# Objectives

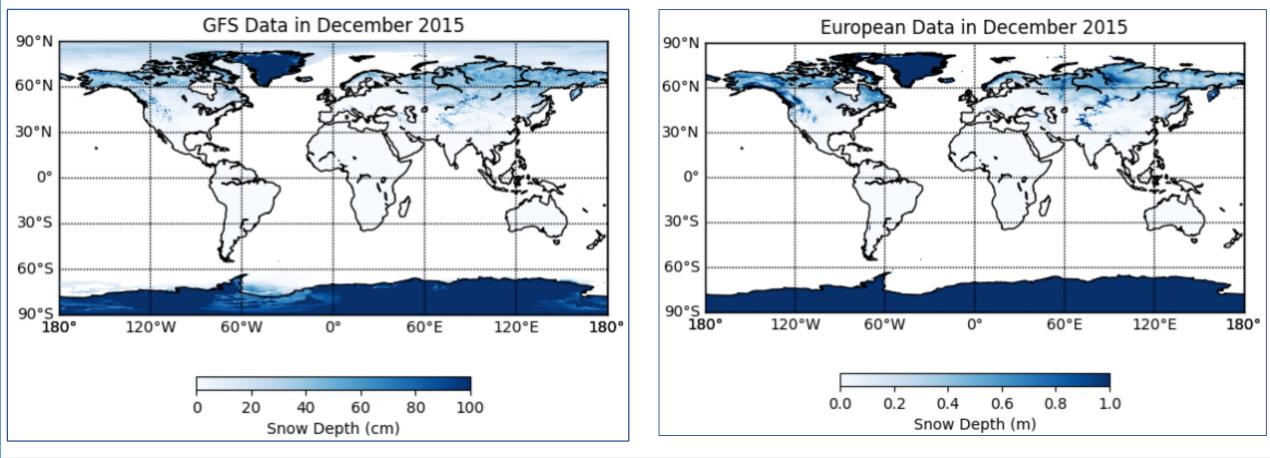
- → Compare measured snow depth data with GFS and ECMWF analyses using python
- → Determine the more accurate algorithm for analyzing snow depth by comparing the error in analysis

# Results

- → Average daily and monthly errors are greater for ECMWF than for GFS
- → This means that GFS uses the more accurate algorithm for analyzing the period of December 2015 March 2016

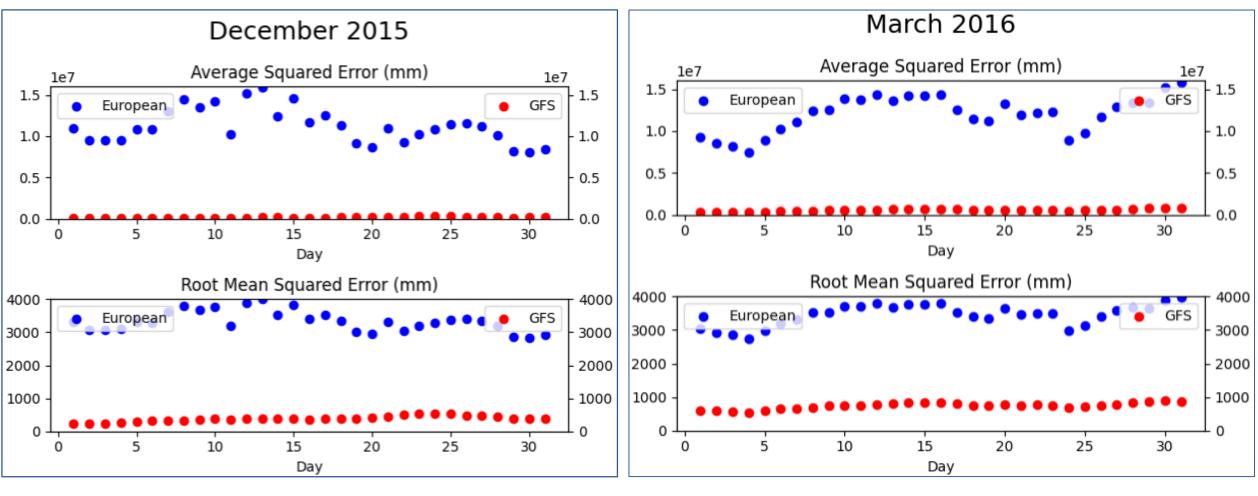


## Data Maps





## **Errors in Analyses**





# What I Learned

- → How to extract and graph data from GRIB files using python
- → How to customize the graphs I created using python
- → How to work with Pandas dataframes in python