Adding support to Siphon and NetCDF-C++

Aodhan Sweeney, Sean Arms, Ward Fisher

1. What was intended to get done
2. What we actually got done
3. Fun stuff

July 31st, 2019
NetCDF-C++ Library Expanded

- Hooks added:
  - Filter functionality
  - Variable redefinition
  - Fill parameter usage
  - etc...

C Library

C++ Library

netCDF
Hurricane Tracker Available

- Hurricane Tracker GUI remade and available for use!
Siphon now supports SPC and NHC

- Siphon now supports National Hurricane Center and the Storm Prediction Center
1. Data from 1851+
2. Speed, pressure, date, time, and lat-lon
3. All model runs for a specific storm

1. Data from 1950+
2. Storm events for tornados, hail, and wind
3. Date, time, lat-lon, comments
Storm Prediction Center GUI

- GUI for SPC allows **animating storms** for a given day
Fun Stuff!