FV3GFS Version 0 Code Release to the Community

- **Configuration**: **NEMS + FV3_CAP + FV3_Dycore + IPDv4 + GFS_Physics**

  Same model used for Phase-2 dycore comparison with upgrade of physics to Q3FY17 GFS configuration.
- **Resolution**: C96 (~100km), C384 (25km), C768 (~13km), no nesting/stretching
- **Build the model:** On WCOSS, THEIA and Jet, with pre-installed libraries and utilities.
- **Data**: Initial conditions for selected cases, and fixed fields for running the model
- **Release Date: May 15, 2017**
- **Method of Release:** VLab GIT; EMC Subversion
- **Running the model**: simple shell script and configuration files to run forecast-only experiments for selected cases.
- **Post Processing**: **Fregrid** and **Remap** tools to convert 6-tile model output to global lat-lon grid with user defined resolution in netCDF format.

NOAA Virtual Lab (VLab) to host FV3GFS Code Release

- Access FV3GFS Project on VLab

https://vlab.ncep.noaa.gov/group/fv3gfs

- Code repositories set up on

VLab GIT & EMC Subversion

- Community Wiki page, Forums and Developers Pages on VLab

- Case Studies:

Sept. 29, 2016 **Hurricane Matthew**
Jan. 18, 2016 **East Coast Blizzard**
Aug. 12, 2016 **Louisiana Flooding**

- Model Resolutions:

C96 (**~100km**), C382 **(~25km**) or C768 **(~13km**)