

#3: Retrospective 13 km 10-d Forecasts with GFS physics



- GFS physics package (provided by EMC) implemented in both models by FV3 and MPAS development teams
- 74 retrospective 10-d forecasts run at 13 km resolution with 64 vertical levels, initialized from GFS analyses every 5th day for calendar year 2015
- Validated using NCEP verification suite, compared to operational GFS forecasts
- Goals:
 - Assess 'robustness' over a wide-range of atmospheric flow conditions
 - Assess work required to replace spectral dycore in operational GFS



#3: Retrospective 13 km Forecast Skill



