

Overview of Satellite Radiance Data Assimilation in NCEP FV3 Regional System



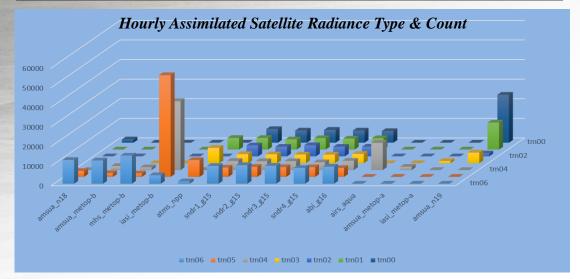
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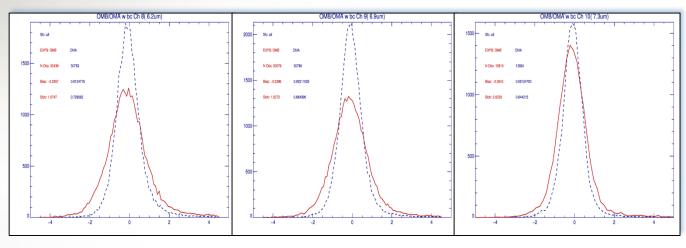
¹IM Systems Group, Inc @NOAA/NCEP/EMC, ²NOAA/NCEP/EMC

Current DA Testing in FV3-SAR

Coldstart from GFS 60 hr 3 km forecast Hourly hybrid 3DEnVar assimilation Using global EnKF members Assimilates all data used in NAM CONUS nest *NO* cloud analysis and reflectivity derived latent heating *NO CAM ensemble at this time*



GOES-16 ABI O-B vs O-A with Bias Correction



DFW Supercell 6-h 300 mb RH forecast and difference

