

Investigation of Truth Sets for Verification

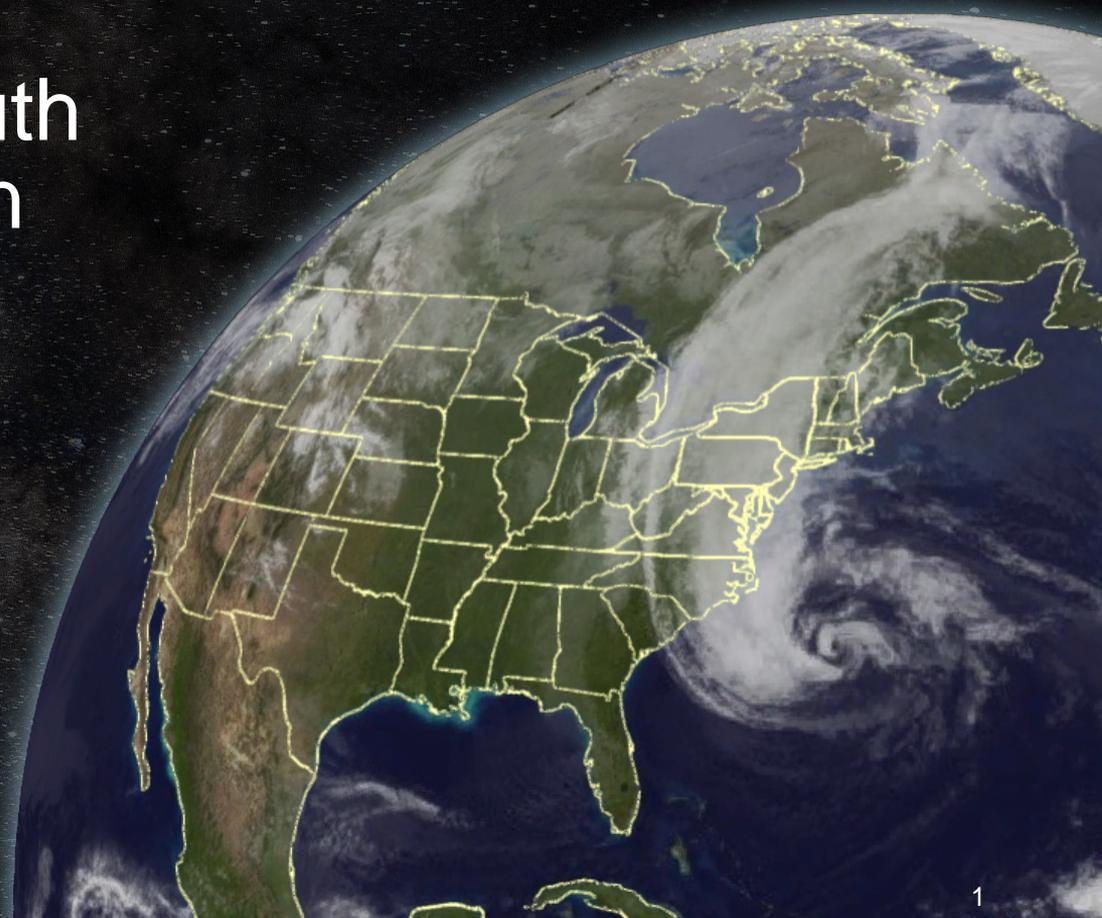
Laura Paulik

CIRES

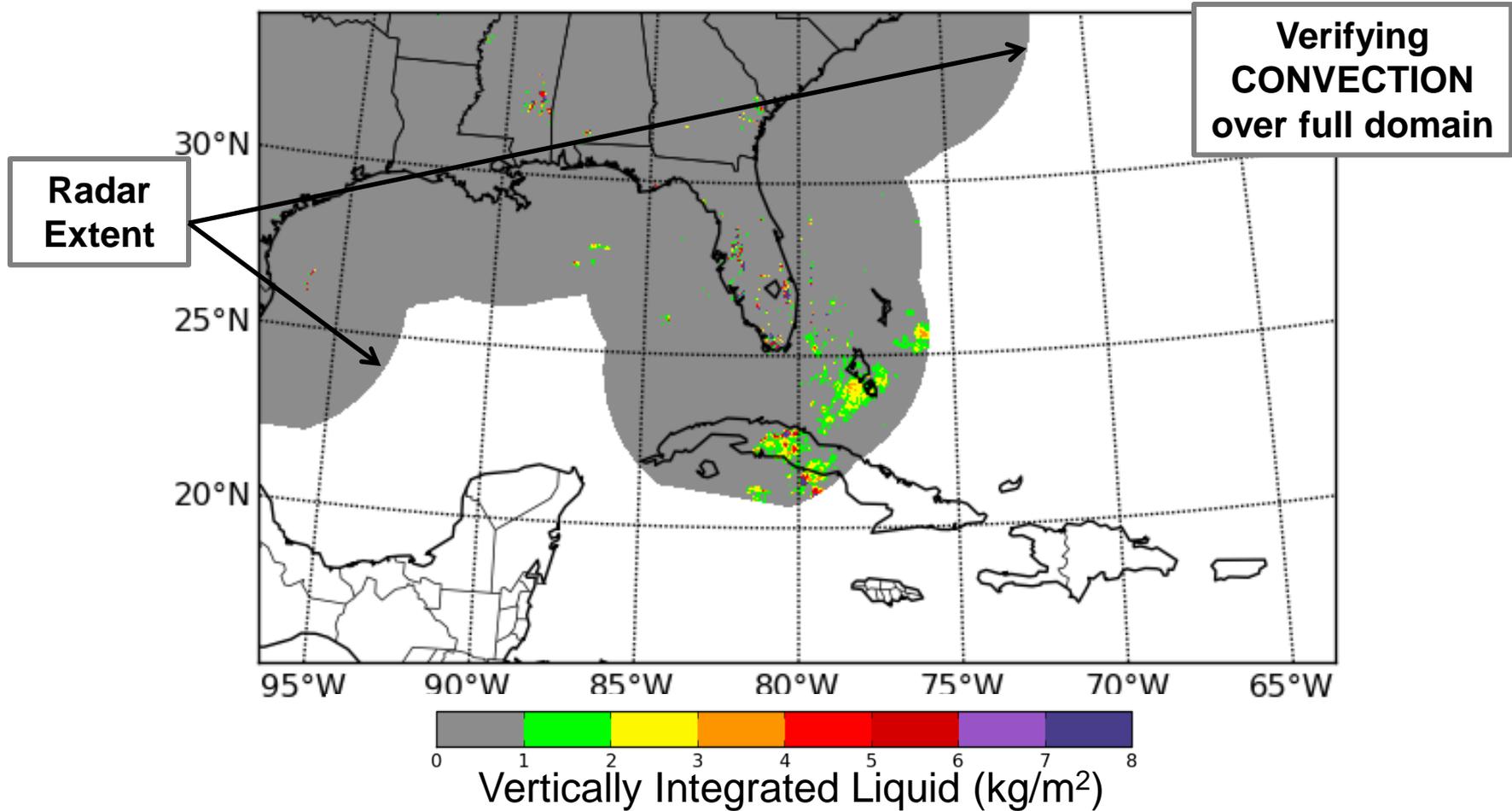
Performing work for ESRL/GSD



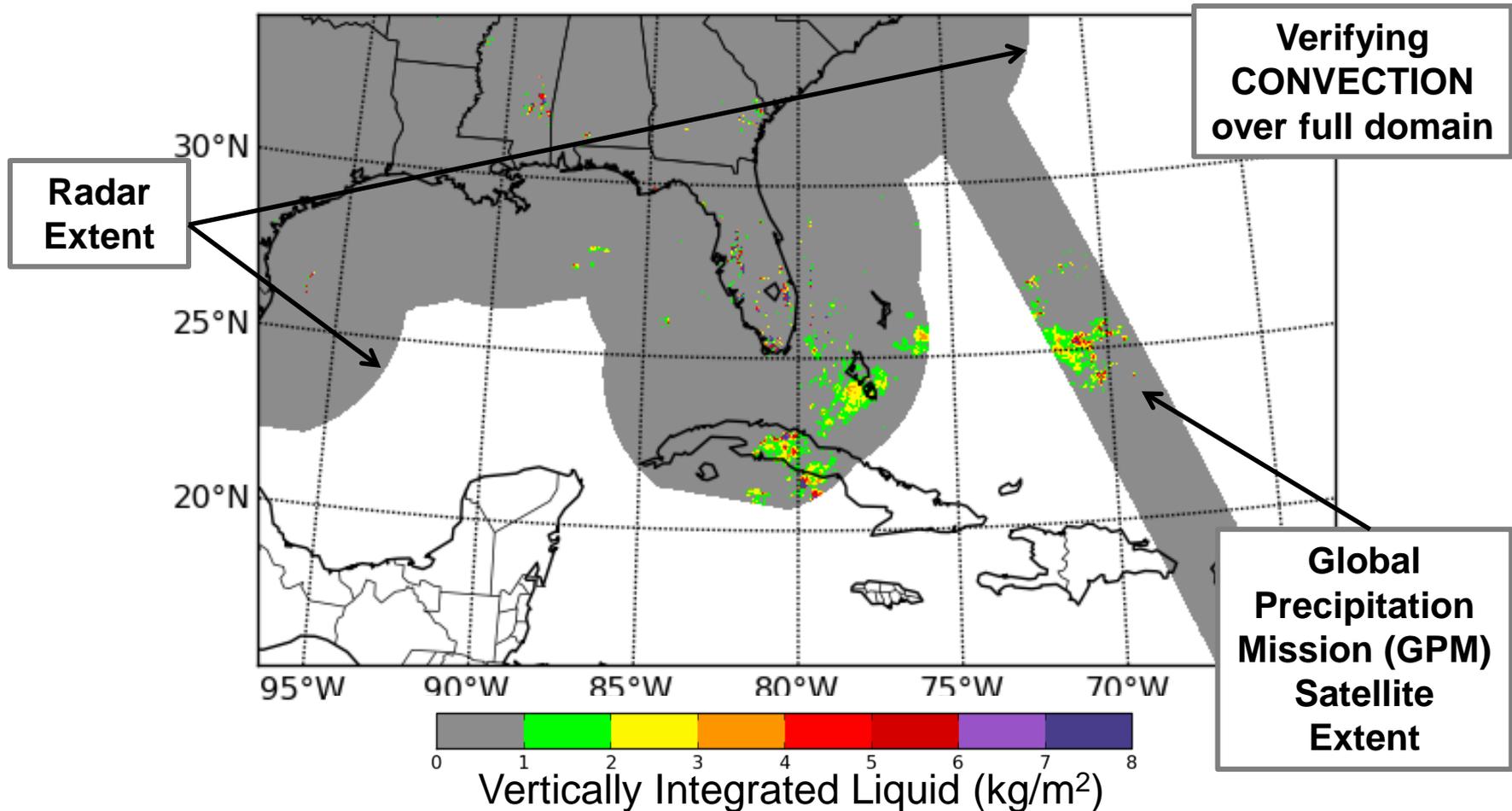
GSD Science Review
3-5 Nov 2015



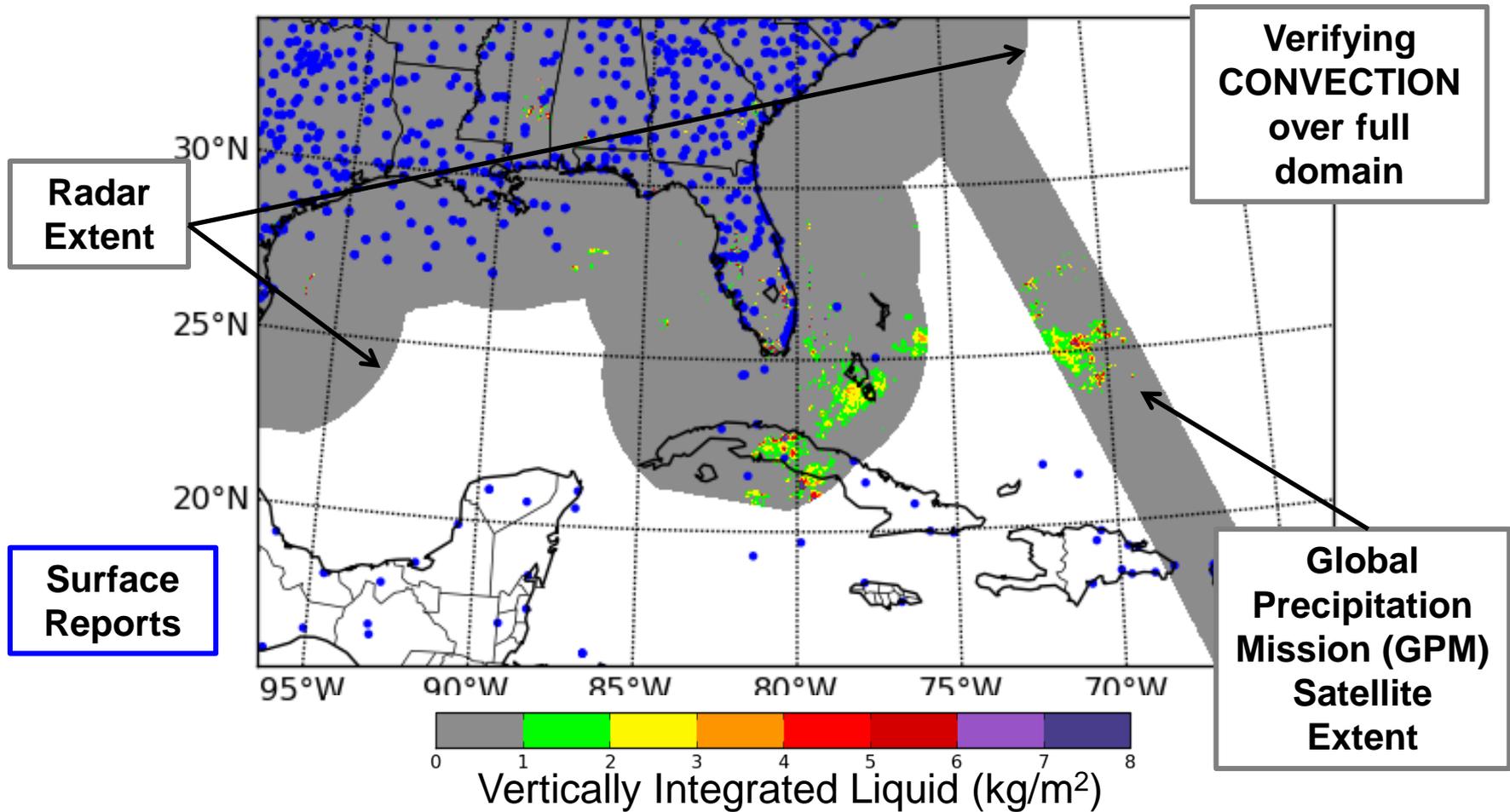
Filling in Data Gaps for Verification



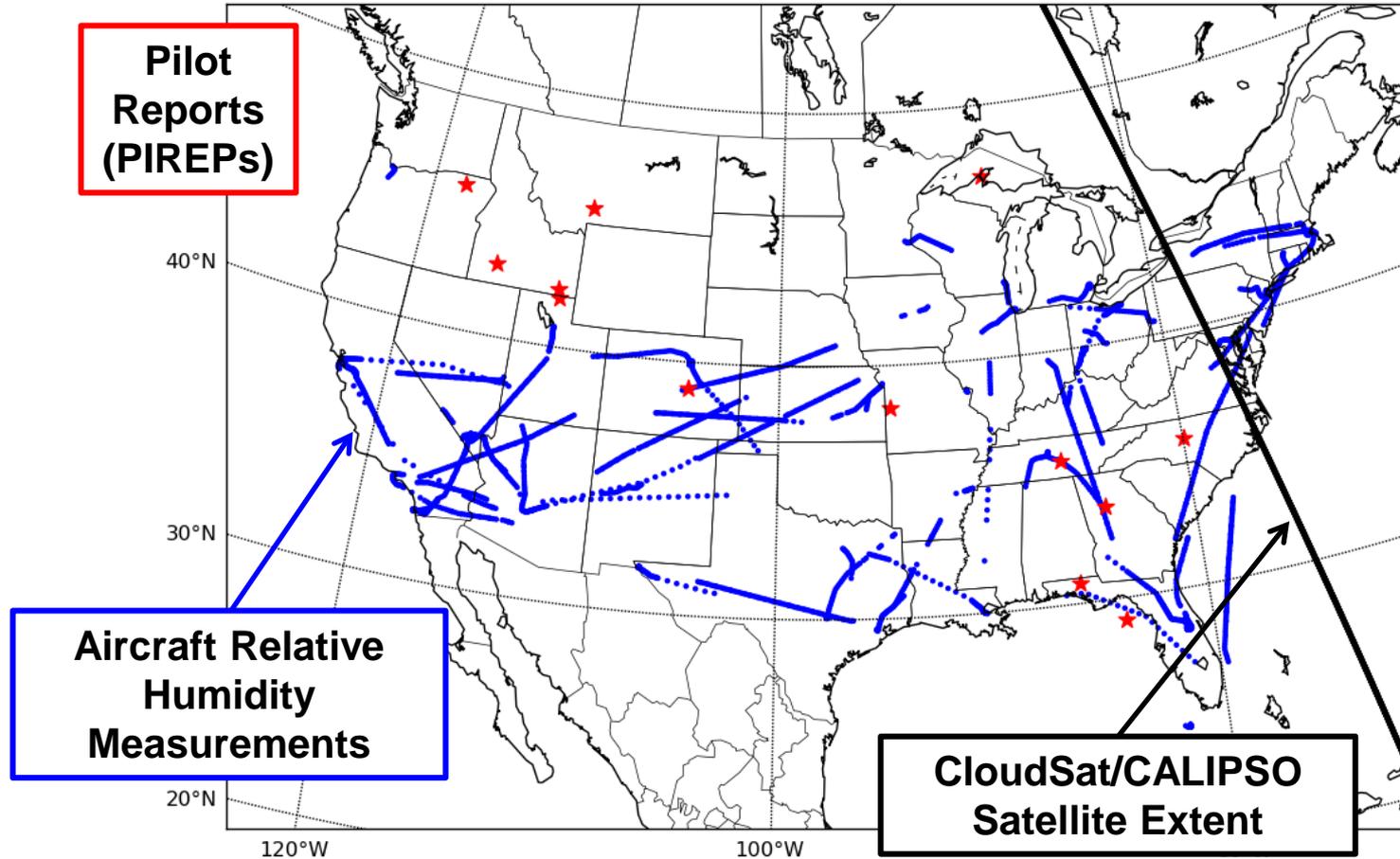
Filling in Data Gaps for Verification



Filling in Data Gaps for Verification



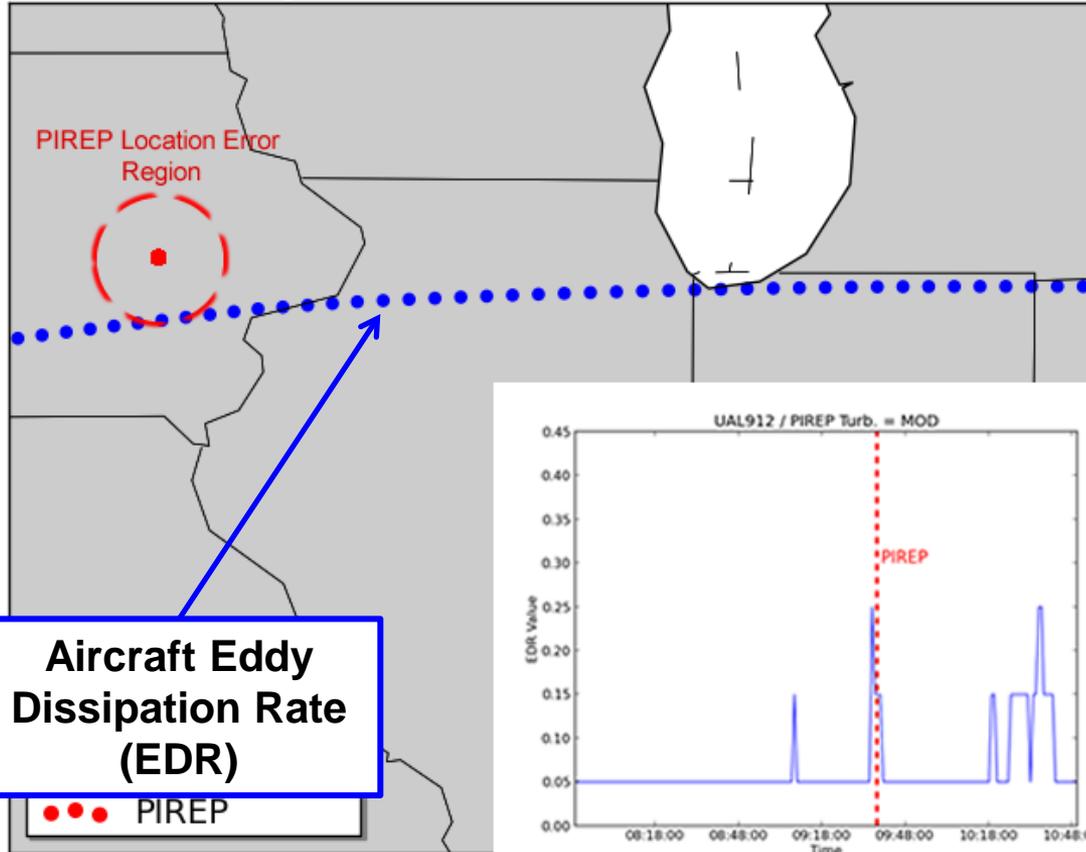
Supplementing Pilot Reports in Verification



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Pilot Reports (PIREPS)



- We are investigating new truth sets and developing new verification techniques to support assessments and tools
- Future work
 - Global observations for turbulence and convection
 - Investigation of GOES-R for verification
 - Capturing forecast uncertainty through scenarios
- Please join me and co-author, Soner Yorgun, at our poster