# Verification of Aviation Weather Forecasts

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Forecast Impact and Quality Assessment Section

NOAA/GSD

10/18/2018

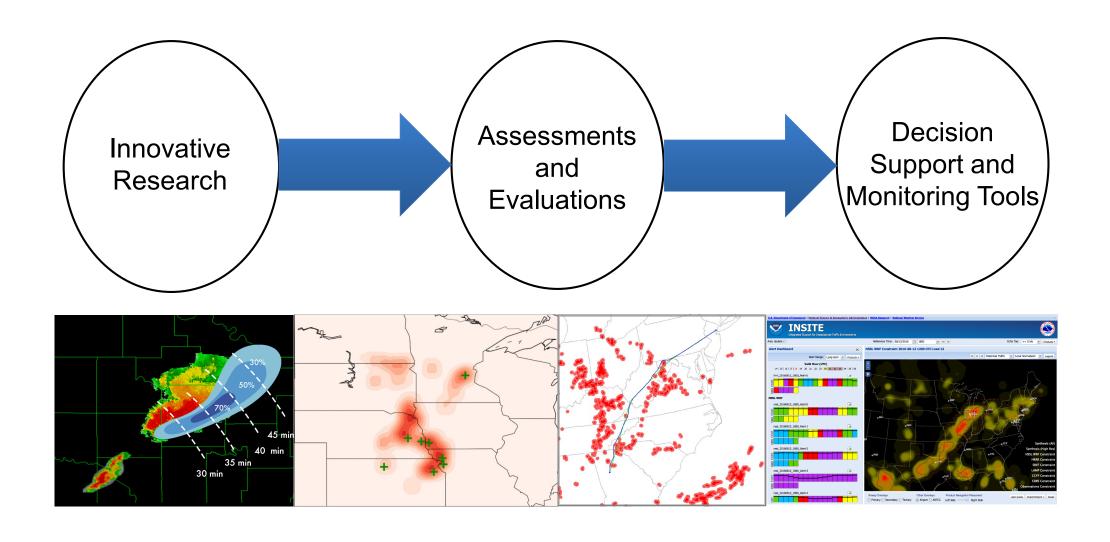




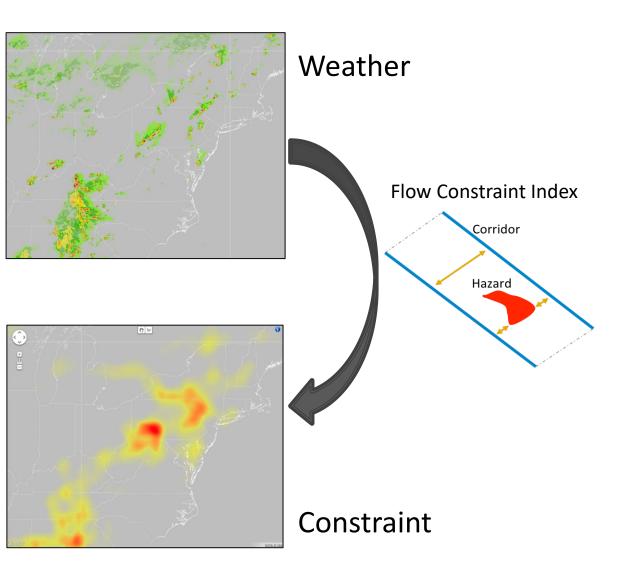




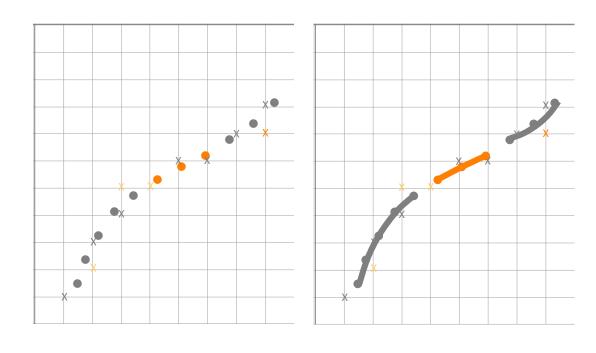
## **FIQAS Activities**



## **Innovative Research**

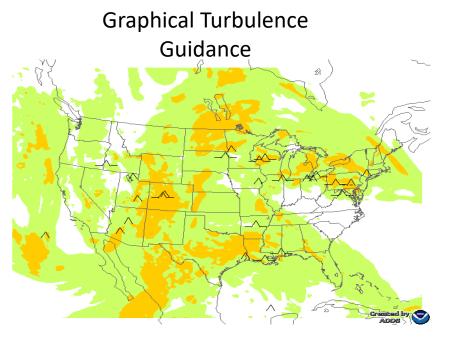


#### **Event-based verification**

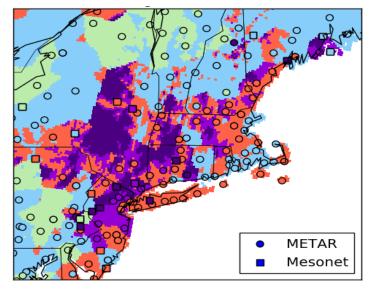




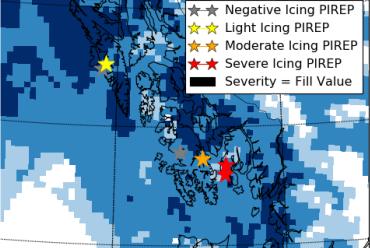
### **Assessments**



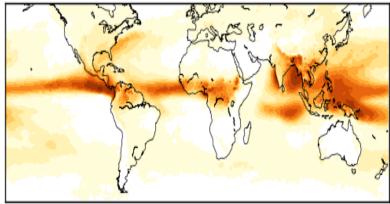
Ceiling and Visibility
Analysis



Icing Product Alaska

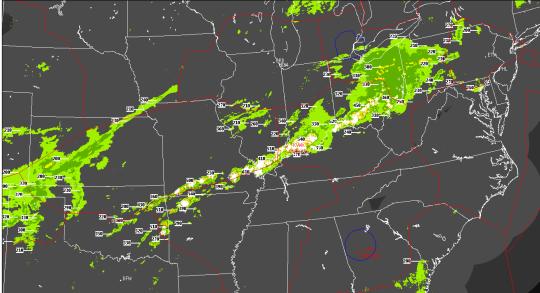


Aviation Convective Forecasts



## **Decision Support and Monitoring**



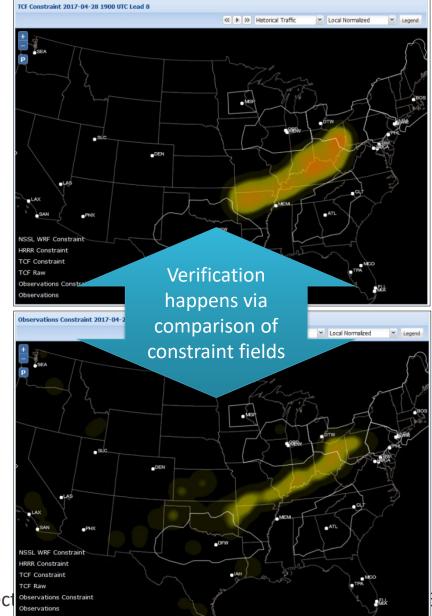


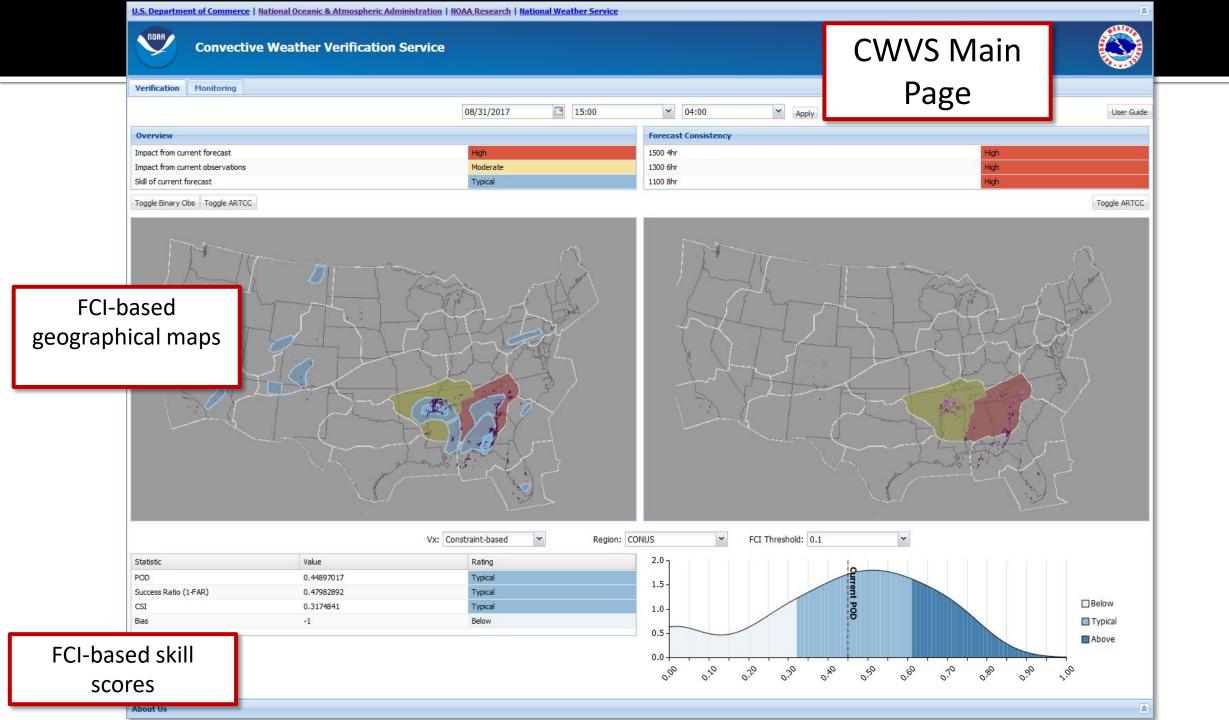


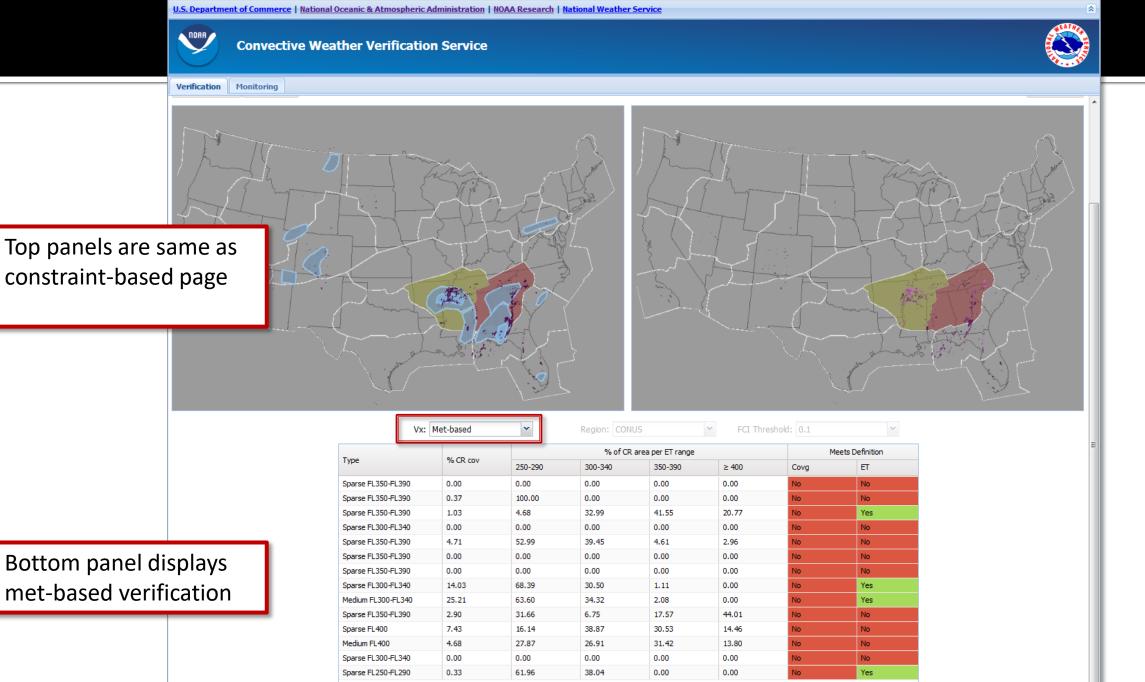
Forecasts and observations are converted to airspace constraints using the Flow Constraint Index (FCI)



ct and Quality Assessment Sect Observations Constraint







10/31/2018

About Us

Forecast Impact and Quality Assessment Section