

Joint Interagency Planning Meeting

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Overview

- NASA Authorization FY08
“Directs the Administrator [NASA] and the Administrator of NOAA to develop a collaborative research plan on convective weather events, with the goal of significantly improving the reliability of 2-hour to 6- hour aviation weather forecasts.”
- FY09 Repeated but generalized this language.

Vision

- Meeting Agenda

- Hazards

- Convection
- Ceiling & Visibility
- Icing & Turbulence
- Obscurations
- Space Weather

- Foundational Improvements

- NWP
- Observations

- NOAA NWS and OAR will meet these goals incorporating

- Research

- OAR Labs
- Academia
- Other Federal Labs

- Testbeds

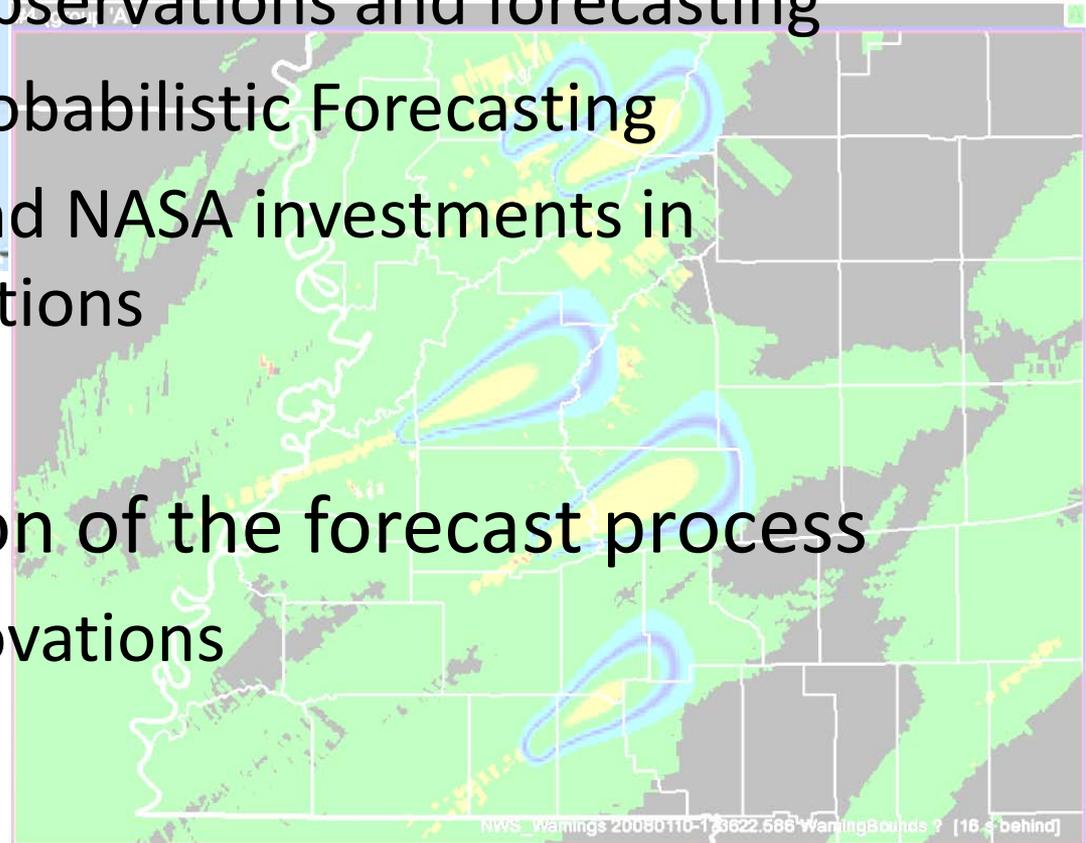
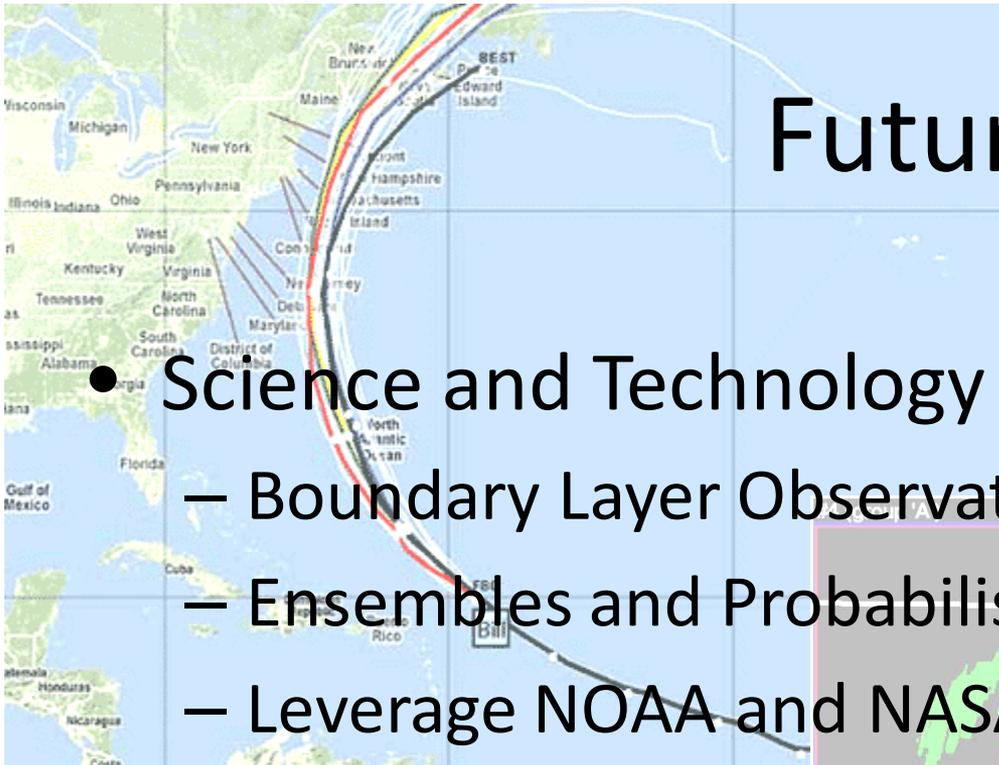
- Scientific
- Operational

- Transition to Operations



Future

- Science and Technology Infusion
 - Boundary Layer Observations and forecasting
 - Ensembles and Probabilistic Forecasting
 - Leverage NOAA and NASA investments in advanced observations
 - Testbed input
- Scientific evaluation of the forecast process
 - Technological innovations



Next Generation for NOAA

NOAA's NextGen research is an enabler for NOAA's Weather Ready Nation

- **“NOAA envisions a future with communities, businesses, and governments that prepare for and respond to sudden and prolonged high-impact events”**
- **Enhance transportation efficiency and safety**
- **Support and enhance the Nation's infrastructure and homeland security**
- **Reduce loss of life and disruption from high-impact events**

Takeaways

- Broader understanding of the current state of weather research across our agencies
- A path forward for finalizing and implementing the interagency (NOAA/NASA) weather coordination plan as mandated by Congress
- Highlight interagency research improvements and opportunities