Group 1

How can various elements of the U.S. Meteorological Community work together to enable the nation to produce an effective mesoscale probabilistic prediction capability?

Group 1 Topics

- Leadership structure
- Work groups
- Roles of DTC
- Follow on

Governance/Leadership Structure

- National Advisory Committee for Mesoscale Probabilistic Prediction (NACMPP)
  - In short term, establish a committee that has representatives from NOAA, FAA, Academia, NCAR, Private sector and advises to the Assistant Administrators of NWS and OAR, to oversee the activities of the working groups
  - In long term, establish a standing council under NOAA SAB.

Working Groups

- Working Groups – appointed by NACMPP, to accelerate the implementation of the national next-generation mesoscale probabilistic prediction system at EMC/NCEP
  - Optimal ensemble system design/configurations
  - Post-processing
  - Communicating probabilistic forecast/Education/Training
  - Developing a business case/documenting societal benefit/meeting critical needs/involving stake holders

Roles of DTC

- Conduct testing and evaluation of critical components of national next-generation mesoscale probabilistic prediction system (MPPS)

- Facilitate collaboration among government, academia, private sector for the creation of the MPPS

- Facilitate operational implementation

Follow up

- Establish short-term committee which appoints the working groups
- White paper completed in December and presented at the AMS ACUF Town Hall Meeting at 2010 AMS Annual Meeting
- 2nd workshop in March-April 2010 for working group reports on implementation plan