

NWS Forecast Uncertainty Steering Team July 11, 2007 Meeting Minutes

Attendees:

Paul Hirschberg
Bob Glahn
Tom Hamill
Doug Hilderbrand
Andrea Bleistein
John Sokich
Bernard Meisner
Dave Novak
Zolton Toth
Dave Ruth
Judy Ghirardelli
Kathryn Gilbert

Topics and Summary:

1) Approval of Minutes

- June 20th meeting minutes approved

2) Action Items:

- ACTION: Please forward your ideas for “low-hanging fruit” to A. Bleistein (All)
- ACTION: Provide Doug with list of current uncertainty forecast (UF) related activities (All, Past Due)

3) New Business

- Ad Hoc Committee on Uncertainty in Forecasts (ACUF) (Hirschberg)
 - Announcement has been posted to many groups through the AMS Weather and Climate Enterprise Commission (CWCE)
 - Letter was sent from the CWCE to Mary Glackin requesting that she nominate a co-chair for the ACUF
 - Paul Hirschberg has been nominated
 - > 30 volunteers so far
 - CWCE is working to nominate a co-chair from the private sector
 - Uncertainty team noted that the ACUF needs to have representatives from the business sector involved
- Categorical probability forecast guidance (K. Gilbert, J. Ghirardelli, B. Glahn)
 - Focus on the reliability of probability
 - GFS MOS guidance and LAMP guidance
 - NURO team should consider requirements for these products in aviation, etc...

4) Old Business

- “Low-hanging fruit” discussion
 - AFDs
 - Will be reexamined when the NWS gets into the requirements process getting started
 - Icons
 - Consistency across what an icon is trying to explain
 - How is the NWS designing these graphics – need for a social scientist to be involved in the process
 - Probabilistic QPF
 - Centralized processing for ensembles to be accessible on an event driven basis

- NURO Update (A. Bleistein)
 - Focused on working to develop requirements from the field personnel
 - Working with CFI group to develop a survey that will capture some of the following goals:
 - What uncertainty information are the forecasters using to make their forecasts?
 - What are the barriers to using the available uncertainty information/tools?
 - What experimental-side tools are being used in individual WFOs/RFCs?
 - Any localized user (public) requests for products/services?
 - Hope to use the information gathered in our “low-hanging fruit” development

- Uncertainty Formats (Z. Toth)
 - Need to link with AWIPS II developers
 - Maybe Uncertainty team should invite AWIPS II representative to a meeting to discuss plans/ideas

5) Announcements:

6) Next Meeting: Wednesday, August 1st, 2:30-4:00 EST

Topic(s):

1. TBD