

**NFUSE Steering Team
April 11, 2007 Meeting Minutes**

Attendees:

Paul Hirschberg
Andrea Bleistein
Suzanne Lenihan
Zoltan Toth
David Myrick
Frank Richards
Leroy Spayd
Andy Edman
Dave Novak
John Gaynor
Bob Glahn
Tom Hamill
Doug Hilderbrand
Greg Mann
Sreela Nandi
James Partain
Manuel Pondeva
Kevin Werner
Jim Nelson

Topics and Summary:

1) Approval of Minutes

- March 28th meeting minutes approved

2) Action Item Review

- ACTION: Provide Doug Hilderbrand with list of current uncertainty forecast (UF) related activities (All, Past Due)
- ACTION: Draft UF alternative for PPBES next NFUSE Meeting (Hirschberg, Due April 25)

3) New Business

- **Observational and analysis uncertainty. How good is good enough? (D. Myrick, A. Edman, K. Werner)**

- Summary

- Motivating Question: Can we use uncertainty information as a threshold for gauging when a forecast is good enough?
- Challenge: How do we define a “good enough” forecast?
- Proposal:
 - Verify against RTMA \pm Uncertainty
 - Uncertainty based on observational, representativeness, and analysis errors

- Give the forecaster credit for forecast areas that are within the uncertainty
- Goal: Provide better feedback as to which forecast areas are “good enough” and which areas need more attention

- Discussion

- Consistency across grids – concern in verification
 - Visual presentation is important
 - Auxiliary score to go along with this proposal
- Concern that is proposal isn’t going to be apparent to users – only an internal improvement
- Need to show the expected value/uncertainty range
- Issue of systematic errors vs. random errors
 - May want to monitor those
- Observations may vary widely but the average within a pixel box is the uncertainty
 - Scale dependent
- Other parameters will be explored in the futures besides temperature.
- Need to address what the customer needs and what the customer does.

4) Old Business

- Meeting with Ray Ban Report about meeting/workshop with Weather Enterprise reps.
 - Ray had to reschedule meeting. Paul will report next NFUSE meeting
- How to organize subgroups
 - James Partain: 3 teams should be organized
 - Here and now team
 - Private sector needs teams
 - Assessment/technical team – involving the whole enterprise
 - These teams would lay our priorities and result in a set of tools/ensembles

Next Meeting: Wednesday, April 25, 2:30-4:00 EST

Topic(s)

- **Draft UF PPBES Alternative Discussion**
- **Continue Ensemble Workshop Recommendations Discussion Subgroups**