

## ISST Conference Call

July 21, 2005

Team members present (P) and not present (NP):

(P) Brad Colman (team leader) – WFO Seattle, WA

(NP) Pete Manousos (backup team leader) – NCEP/HPC

(P) Mark Jackson – WFO Salt Lake City, UT

(P) Steve Keighton – WFO Blacksburg, VA

(P) Greg Mann – WFO Detroit, MI

(P) Jim Nelson – WFO Anchorage, AK

(P) Jeff Medlin – WFO Mobile

(P) Bill Ward – PRHQ

(NP) Dan St Jean – WFO Gray, ME

(NP) Lee Anderson (facilitator) – OST/PPD/PMB

(NP) Ken Falk – WFO Shreveport, LA

AOR briefing slides sent to regional SOOs and contacts. Grids from the AOR are not expected to go out until late September.

Brad went over the AOR slides. The AOR is superior to LAPS and it is accessing mesonets. The state of the science will always be in the RTMA/AOR project. MAC (Mesoscale Analysis Committee) more involved in OSIP process now. GSI similar to Tim Barker's routine for match MOS. (anisotropic) Sky product is smoother on 5km field. Error analysis will be incorporated into AOR and will be tied to the model used as the background.

## ISST Conference

The meeting will be held the week of 19th of September.

### **“How to handle doughnut holes in QPF” (Question for ISST by ERH)**

The ISST allowed for a collaboration break for PoPs between 14-50% to allow offices that want to put in a QPF amount at this chance the option to do so. The team thought the collaboration would take care of the doughnut holes. Collaboration thresholds at low QPF values is around .25 inch. The difference is ok for collaboration purposes, but not for a smooth looking grid. For example, the problem occurs when you have 12% and the adjacent WFO has 17%, and thus, there is a need to include a QPF. Greg Mann will write a paragraph response to the ER request.

### **10-506 Grid Element Definitions**

This topic will be discussed on the next call.

## **PoP Survey**

Responses need to be on Excel spreadsheet. That will be on August 2 agenda. Preliminary results for the float/no float is a half/half response.

## **DFP Responses**

The team was tasked to send add DSP comments to Brad by 7/26/05. The team will take those, add a cover letter, and distribute broadly. There should be a summary of the responses with a point to the public page.

## **ER Briefing**

One concern was raised from an HIC. He stated that we should not expect QPF from the RFC since they deal with basin averages. Another concern was the PoP switch to 6 hr. Do they care about 6 hr PoPs?. It is better scientifically and for verification to be on UTC and at 6hr intervals. They said we should consider the users and make a better tool for the users.

Initial response was this was a huge change and is this the right direction. One other question during the call was how to populate from a local model with high temporal resolution of precipitation type. How do you change to get into the right PoPs? Felt this would be difficult to do. This new PoP concept would be a paradigm shift and how should we deal with it especially with the new digital services coming out right now.

Team from ERH being established for Short Term Forecasting and the lead is Al Rezek MIC Charleston, WV.

## **Round Robin**

Sky grid stuff sent out to the team. The sky grid is getting ready to go out. NCEP is creating grids you can get sky from. The STSIT is working forward. Verification team is being headed back at HQ and there was no mention of ISST. Lee is looking into this for us. ISST will provide responses about 10-506 in near future.

## **Future Call Agendas:**

July 26<sup>th</sup>

- 1) 10-506
- 2) Sky Grid
- 3) Greg's ER Reply

Aug 2<sup>nd</sup>

- 1) DFP
- 2) PoP Survey Results

