

## **NW Flow Snow Conf Call Minutes for June 16, 2015**

Participants from UNC-A, GSP, RNK, and ER SSD

### **Sandy journal update:**

Manuscript was submitted to WAF near the end of May, and is currently under review. May be a month or two before we hear back. Thanks to all the co-authors for getting us to this milestone!

### **Update/Summary on NCEP model status:**

Brian M from ER SSD has offered to provide the group with a presentation summarizing new and upcoming changes to NCEP models that our group could benefit from, and those few on the call were enthusiastic about this. We will shoot for perhaps at our August or September call, but we would want to make sure we have a pretty good turnout for this.

### **Hi Res model QPF validation study:**

Reminder that AppState is keeping the following for a 7-day running archive:

- HiResW-ARW (4km, new cycle every 12 hrs, out to 48 hrs)
- HiResW-NMMb (same as above)
- NAMnest (NMMb) (4km nest, new cycle every 6 hrs, out to 60 hrs)
- HRRR (3km, new cycle every hour, out to 15 hrs)

If there are any significant severe weather events this warm season, or heavy rain events (especially tropical moisture and/or atmospheric rivers) we can request that as well. Baker will be gone doing field work in July so requests will go through Steve K for that period and will be passed on to Baker's contact.

### **High Res Convective-Allowing Models (CAMs) in general:**

Our group may want to remain on top of, and perhaps take a lead, in documenting and helping with validation of CAMs and even CAM ensemble systems with regard to mesoscale winter processes (and NWSF in particular), which includes the HRRR. NWS forecasters and NWFS group members can help document cases in which HRRR or other models (in AWIPS especially) perform well or poorly w.r.t NWFS or similar events.

Also, an on-line resource that maybe not everyone is aware of is the NCAR WRF ARW ensemble system (10 member, 3km, 00Z only cycle, out to 48 hrs) that

includes a wealth of output and unique products (such as Probability Matched Means and winter p-type probability output). The URL for this is:

<http://www.image.ucar.edu/wrfdart/ensemble/index.php>

**Special soundings this summer:**

Similarly for any especially significant severe weather or heavy rainfall events, UNC-Asheville may consider special launches, and Oak Ridge Labs in TN may as well. Coordinate with Doug regarding Asheville soundings and David Hotz for Oak Ridge (and cc: me or the entire group if you would).

**Future calls:**

Out next call will be in the first half of August and then we will likely begin monthly calls again after that. **Steve will send a Doodle poll** to set up the August call.