

January 23, 2009 Conference Call Notes

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BAMS article: 2nd Revision, as well as final figures and reviewer responses, have now been submitted to the AMS, and we await further comments of final steps in the publication process. Thanks to everyone who pitched in!

Follow-up from the recent Jan 19, 2009 event and IOP#2: Will call this one another hybrid event due to strong upper level trough that moved overhead, deeper moisture, and more westerly flow than usual. Resultant ridge level winds were not as strong as most cases, and flow direction was again not ideal, still some pretty modest amounts and very impressive snow-to-liquid ratios. Interesting patterns of convective cells as well.

Doug plans to follow up with some ensemble model runs on this event, and could use as many observations of snowfall and especially liquid equivalent as possible. Mainly from MRX, GSP, and RNK. Sending a text file is fine. David Hotz and MRX will put together a brief write-up on their perspectives of the event, and others should consider adding to it with data and insights as appropriate. It would also be helpful to Doug to learn what additional data would have been helpful as this event unfolded that may have shed some light on how things were changing. Poll NWS forecasters working the event if possible.

Otherwise looking forward to the next potential, and hopefully more classic, NWFS event for an IOP. May get the Oak Ridge Lab soundings involved in the next particularly classic event.

We also chatted a bit about the interested central NC snow event on the 20th and some model challenges related to that event.

AMS Wx & Fcstg Conf (Omaha, Jun 2009): As far as we know, we will not have any NWFS presence at this particular workshop (I'll correct this if I learn otherwise).

Local model update: RAH is close to having a local WRF model up and running, and the domain should cover the Appalachians but probably not too far upstream.

3km HRRR model (<http://www-frd.fsl.noaa.gov/mab/hrrr3/>) domain is likely going to be expanded southward to include all of the NWFS region, but perhaps not until this season is over. Also, we should consider requesting some BUFR sounding data for some key locations in our study area, but right now Poga Mtn and Johnson City are just beyond the current domain. We could request Mt Rogers in SW VA as well as a location or two in WV.

For any one running local models, consider adding Johnson City to your list of BUFKIT sites (if you are creating BUFKIT output), for comparison with the soundings during IOPs. Lat/lon is: 36.294N/82.371W, at least for this season. Some may already be generating soundings for the TRI airport, but that is about 13 miles north of the Johnson City launch site.

Future calls: Next call Feb 13 @10am. We'll be sticking with 10am for the rest of this season.