

NW Flow Snow Conf Call Minutes for Dec 12, 2012

Participants from ASU, UNC-A, WFOs GSP, MRX, and RNK

Group involvement in doing review of NW Flow aspect of Sandy:

We spent much of the call discussing the interest within the group of developing a thorough review of the NW Flow Snow impacts from Superstorm Sandy on the Appalachian region, most likely as a journal paper. There may even be an opportunity to have this included in a special issue of WAF or MWR if that is in the works down the road. Several NWS offices are beginning to post basic web reviews of Superstorm Sandy's impact on their areas. David Hotz at MRX will be presenting a review in January at a local AMS meeting, and will share this with the group when it is done as a way to help generate some ideas on what specifically should be included in such a review. With the assumption that others in the group not on today's call may also be interested in participating in this write-up, we will devote most of the January call to discussing some details, including topics we'd like to include and who might want to take the lead in different areas.

Field Projects/Observations:

ASU MRR collecting data but still working on real-time web display.

UNC-A MRR is also collecting data and with real-time display, but note that lat/lon is not correct (it indicates it is just west of Greensboro but it is actually on UNC-A campus on the roof of Zeis Hall at 35.616N, 82.565W):

<http://mmrr2.renci.org/>

Also, the link to any radiosonde launches done this winter at UNC-A is:

http://blizzard.atms.unca.edu/sempe/rt_sempe1213.html

I forgot to mention that the KY mesonet folks are looking for feedback or suggestions on any improvements that can make, including any additional variables needed. Specifically, Ed Ray thought we might want to offer our collective voice for more soil temperature and soil moisture sensors (only a handful of the stations have that now). I assume as a group we would all agree to this, but I told him I would bring it up (and forgot!). Send Ed and Steve K an email if you have any feedback on this or other thoughts on how the KY could be improved. Ed or myself can send a note to the contact with a summary.

Modeling:

RNK local WRF has been re-positioned slightly more NW so domain catches southeast portion of the Great Lakes, and is using RAP13 to initialize, as well as NASA/SPoRT data sets (SST, soil temp, etc). Only running every 6 hrs instead of every 3 due to one machine in the cluster being down.

MRX local WRF will be updated soon to include NASA/SpoRT data sets.

Other research:

Work continues slowly on synoptic categories and composites, and need to catch up on a few recent (but minor) events.

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Future calls:

Next call will be the week of January 14, and Steve will send Doodle poll to schedule the specific date.