

NW Flow Snow Conf Call Minutes for March 9, 2012

Participants from WFOs GSP, JKL, and RNK

The three of us chatted about a wide variety of topics, but here is the short summary of those items that pertain to NW Flow Snow!

Field Projects:

Doug reported via email he still has some sondes and balloons and students who need the experience of launching to support their grades, so will be looking for other opportunities for an IOP besides just snow events (since there may be few if any remaining opportunities). High wind events are another area of interest, so be on the lookout!

Froude #:

JKL is interested in the details of getting this set up in GFE, and will be seeking help/instructions from Harry G at GSP. RNK also has some information already sent from Harry, but has not had a chance to try getting it set up, and may still need help!

Models:

RNK made a few changes to local WRF-ARW, but has NOT made the domain shift toward the northwest to capture the Great Lakes since this is a bigger effort and involves AWIPS, and would be best to wait until sometime after their transition to AWIPS-2 (later in the spring). The two changes that were made include using NASA SPoRT LIS land surface file for initialization, as well as RUC13 fields for initialization (vs. the LAPS hotstart). This was done in February, and so far no obvious differences have been noted by forecasters.

Other research:

Va Tech student will be getting back into map compositing work next week for the synoptic classifications of 2006-2011 NWFS snow events at Poga Mtn, NC and McRoss, WV. Hopefully by the end of the semester will have some maps to share.

Future calls:

Next call will likely be either April 6th, 13th, or 20th...at 10am.