

April 21, 2006 Conference Call Notes

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Thanks for another good call everyone, and to Blair for another excellent update!

Here are a few notes:

For those who haven't seen [Blair's most recent update](#) (727 KB file), get his power pt presentation dated March 27 from the CSTAR research update page:

<http://www.meas.ncsu.edu/nws/www/resupdates/>

He shows some interesting comparisons for the Feb 10-11 2005 case where the sfc fluxes were turned off vs when they were on (which seems to be the most effective way to shut off the lakes). One of the next steps is to do this only over the lakes instead of everywhere. They also plan to do some PBL sensitivity tests. Jeff W recommended trying to find a cases or cases during the Lake Ice Experiment (Dec 97 - Jan 98) since there is very good data that can be used over and around the lakes.

Blair has accepted a position at WFO GSP and will be headed there in May (congratulations Blair!), and will be finishing up his Master's thesis over the summer. He can give us another update in June. The potential exists for other NCSU students to follow up on this work, and our group can probably help determine the next priorities in terms of simulation work that can still be done.

Baker reported that a full suite of equipment will be in place on the his northern Avery Co farm for next winter season, including one of Sandra's vertically pointing radars, a disdrometer, and surface instruments, and possibly even a temporary profiler. There followed some discussion about the Eastern NOAA Hydromet Testbed domain that will likely focus on North Carolina the following winter season (2008-09), and what data sets and mesoscale modeling our NWFS research can piggy back off of. Our group may have some influence and input into the overall efforts of this Hydromet project in our area.

Pat Moore (WFO GSP) mentioned that he has posted an informal write-up of the Feb 11-13 2006 NWFS snow event on the GSP web page, and all are encouraged to take a look at it.

I reminded folks to send any local model configuration info to me so I can compile it in a matrix for posting on the CSTAR web site. A couple of you have already done this. Also, before next winter I hope to have identified a location and means to store local model BUFKIT soundings for the common sites we have already identified. Any ideas on this are welcome!

We decided to have bi-monthly calls during the summer, and will shoot for a June call and an August or Sept call, and then by Nov start again with monthly calls. I'd like to propose either June 16 or 30th for our next call (I'll be out of town on the 23rd).