June 2016 work log

Activities for week of June 6, 2016

- 3 days PTO (Wed-Friday)
- WRFHELP emails:
  - Helping Indonesian user with GEN_BE concepts
  - Helping user with segmentation fault when turning on thin_rainobs option. Probably issue with code
  - User asked about prepbufr -> little_r converter (Peking University)
  - Helping visitor Chester Huang running GENBE on Yellowstone
- Commits to the trunk:
  - none
- Working on bug fix for problem with rain_thinning option (ref user email above)
- Modifying regression test script to work with github

Activities for week of June 13, 2016

- 1 day PTO (Monday)
- WRFHELP emails:
  - Still helping user with segmentation fault when turning on thin_rainobs option. Referred problem to Junmei.
  - User having trouble compiling on Cray machine with "ftn" compiler (Colorado State University)
  - Helping user trying to run radar assimilation with new options (INPE/Brazil)
  - Further question from same Indonesian user from last week
- Commits to the trunk:
  - none
- Working on bug fix for problem with rain_thinning option (ref user email above)
- Hosted wrf-dev meeting (1pm Friday)
- Making corrections to user's guide with help from Jamie and Jenny
- Ran regular WRF/WRFDA regression tests

Activities for week of June 20, 2016

- Hosted wrf-dev meeting (1pm Friday)
- Set up new laptop computer (bacon)
- Commits to the trunk:
  - Adding ftn.setup file for CRTM compile with ftn compiler
  - Cleaned up some radiance output, made error message for missing leapsec.dat clearer
- WRFHELP emails:
  - Helping Russian user with formatting her own LITTLE_R observations, as well as running OBSPROC
  - Helped user with namelist problem for 4DVAR
- Ran regular WRF/WRFDA regression tests
- Added WRFDA beta release page for new cloudy radiance capability (http://www2.mmm.ucar.edu/wrf/users/wrfda/beta.html)

Activities for week of June 27, 2016

- WRF Workshop most of the week
- Commits to the trunk:
  - none
- WRFHELP emails:
  - Still Helping Russian user with formatting her own LITTLE_R observations
- Updated tutorial page for LITTLE_R format for a couple user questions (http://www2.mmm.ucar.edu/wrf/users/wrfda/OnlineTutorial/Help/littler.html)
- Ran regular WRF/WRFDA regression tests
- Regression test improvements:
  - Add ability to pull code from git repository
  - Add ability to check out specific branch from git repository
  - Add capability to run test on bacon (new mac laptop)
  - Add custom "libs" directory, move WRFV3 code there for cycling tests for consistency