

Call notes, 5/26/15

Participants: J. Doyle, J. Moskaitis, W. Komaromi, P. Black, J. Moore, R. Ferek, N. Laudier, J. Molinari, B. Creasey, E. Hendricks, J. Dunion, W. Lewis, L. Harrison, D. Herndon, A. Reinecke, J. Cossuth, P. Williams, G. Tripoli (may have missed some)

Upcoming Events:

- May 29: PATs training with Bob Creasey @ 1pm Pacific time. Ready talk.
- June 9: Next TCI science telecom @ 1pm Pacific time
- June 24: Test flight at Ellington
- Late June: Training for MTS

Reminders:

- Google Doc regarding field catalog input coming out later this week. Please fill this out.
- If you are working on ops plan section, get draft in ASAP

Climatology & El Niño: Dynamical prediction models almost all agree on moderate/strong El Niño in Aug/Sept/Oct 2015; statistical models are more indicative of weak to moderate El Niño. On average, El Niño will reduce our opportunities for flying storms in the Atlantic, particularly late in the season. Slightly more than 2 “good cases” (hurricane within 600 nm of a base during TCI operating period) is the expected value for an El Niño year, basing out of Ellington, MacDill, and Langley. Slightly more than 3 “good cases” is the expected value if Bermuda is added to the 3 aforementioned bases. It’s unclear if El Niño would increase our opportunities for flying TCs in the EastPac, as most of the enhancement in TC activity occurs in the southwestern part of the basin, where the WB-57 cannot reach.

Coordination with SHOUT (J. Dunion): SHOUT looking at the possibility of not going to Wallops at all and staying at Armstrong to focus on EastPac storms (NOAA personnel would then go to Armstrong). Trying to keep options open. TCI needs to stay abreast of what SHOUT is doing, as collaborative flights would be beneficial.

Data Management (M. Bell): Yankee folks have developed a process to get dropsonde data to MTS. At the moment the display is a linear plot designed for engineering purposes, but could be changed to skew-T for the scientists to view. Michael Bell will have a parallel process using ASPEN to put skew-Ts in the field catalog and to J. Molinari’s web site, aiming to have them available a few hours after the flight. Processing will be fully automated (not for GTS distribution).

Flight planning: J. Dunion and B. Creasey have agreed PATs will be the primary flight planning software, HRD software will serve as a back-up. Bob working on an EastPac version of PATs. After some software updates, J. Dunion will host a training for HRD flight planning software.

Other items:

- N. Laudier updating action item spreadsheet.
- J. Doyle and N. Laudier putting together staffing spreadsheet, goal to finish by end of this week.
- There is a room block at Wallops that is listed on the SHOUT website
- First draft of ops plan should come out end of this week
- TCI forecaster email list has been set up. Other groups can be set up.
- Aaron Duley working on issue with MTS that causes drops for all flights to show up at once