**18Sep 2010**

**GRIP (FLL-JSC-DFRC) 14Z Daily Telecon / Webinar**

**Participants**

*FLL Team* – Marilyn Vasquez, Ed Zipser, Cerese Albers, Mike Black, Matt He, Instrument and Forecast teams

*Telecon*

Bud Meins, Shelly Baccus, , Gerry Heymsfield, Steve Durden, Chris Ruf, Greg McFarquhar, Rich Blakeslee, Michael Goodmanm, Ramesh Kakar.

**Global Hawk Report**

* Aircraft – green
  + No fly day
  + Successful flight to Karl 9/16/2010
  + 6 coordinated flights with DC8 over the eye.
  + Had a total of 20 passes over the eye of Karl!!!
  + Used HAMSR data in real-time to help get up to 12 bullseyes on the eye of Karl.
  + Global Hawk left storm at 08:30 UTC.
  + Maximum flight duration is 25 hrs at this time.
* Droposonde – red
  + Re-fly of Low Altitude test flight and high altitude flights in one day. **Must** be a weekday and have a chase plane.
  + Pursuing quick and longer-term fixes, availability later this week is uncertain. So, go ahead with any science opportunities.
  + Satisfied with fix, ready to go to Dryden for testing will arrive on Sunday 9/19.
  + Dates of flight-testing needed.
  + Ground tests to occur 9/20.
* HAMSR – green.
* LIP - green
* HIWRAP – yellow
  + Some noise in 2-channels in the Ka band
  + Analyzing data

**WB-57 Report**

* Aircraft - green
  + Takeoff at 16Z for Karl for approximately 5 hour flight duration.
  + Rectangular spiral plan for today.
  + Currently see no storms within range for near future, will be on standby.
* HIRAD - green
* NAST-I still delayed – may make it for last week of mission.

**DC8 Report**

* Aircraft– green.
  + 17Z takeoff for Karl
  + Plan to get at least one sonde during first pass before landfall.
  + Will morph into butterfly to look at inflow over see, and to fly over land.
  + Saturday hard down.
  + Reassess what will be done after Saturday.
* LASE – green.
* LARGE – green.
* APR2 – green.
* DAWN – green.
* Microphysics – green
  + PIP
  + CSI cannot fly for the duration of GRIP
* MMS – green.
* Dropsonde – green.

**Science**

* Work has begun on preparation of charts for NASA HQ briefing.
* Global Hawk needs table of cloud top height vs. temperature for Thursday flight.
* Need platform scientist reports.
* Need priority flight legs submitted.
* Ramesh needs 2-3 slides by Monday morning for monthly review, needs stats, flight hours for each aircraft, a flight that emphasizes synergy involved. Earl most documented hurricane ever with Karl the most documented genesis situation. Preliminary results showing a synthesis, redevelopment of hurricane after passing over land.