Roadmap

• What we planned

• What we did
  - Model Products: Examples from GMAO, NRL COAMPS TC, and SHIPS
  - Operational Products: Examples from NRL Tropics and CIMSS Brightness Temperatures and TOTs
  - Research (Instrument) Products

• What needs to improve for this year
What we planned...

- Many items on PREDICT page are already provided on the ESPO HS3 website or through Mission Tools
- Provide archived images of Operational, Model, and Research (Instrument) Products from the ESPO HS3 website
- Ftp site housed at NASA GSFC (Emory) and front-end website administered from NASA Ames (Chirica)
What we did...

- Operational Products
- Model Products
- Research Products
Model Products

- ECMWF
- GMAO
- Global Ensemble
- NCEP EMC Track
- NCEP GFS
- NHC Composite Tracks
- NRL COAMPS TC
- NRL NOGAPS
- Pouch Products
- SHIPS
GMAO provided GEOS-5 forecasts of Dust AOT out to 120 hours initialized 4X/day (00, 06, 12, 18 UTC) from Aug. 27 - Oct. 20, 2012.
Model Products Example:
NRL COAMPS TC

Tracks
Forecasted Max Winds
Model Products Example: SHIPS

SHIPS provided Intensity Forecast for the Eastern Pacific as well as the Atlantic
Operational Products

- Pouch Analysis Products
- Satellite Products
- Surface Products
- Text Products
- Upper Air Products

Radar Products
- Aruba/Curaçao
- Bahamas
- Barbados
- Belize
- Bermuda
- Cuba
- Dominican Republic
- Guyana
- Jamaica
- Martinique
- Mexico
- Panama
- Trinidad&Tobago
- Puerto Rico/U.S. Virgin Islands

Links to Radars in Caribbean
Link to NASA Airborne Science Data Page

JPL HS3 Portal
Operational Products Example: NRL Tropics

Organized by invest, disturbance, or tropical storm/hurricane name
Operational Products Example: CIMSS Tropical Overshooting Tops
Operational Products Example: CIMSS Brightness Temperatures
Research Products

Links provided to individual instrument pages:
- Gave PI’s more control over how to distribute Quicklooks and data
- Also provided solution for limited storage for ftp site hosted at GSFC
What needs to happen to improve this year...

- Better communication with forecast team to provide/archive products that are used on a daily basis.
- Archive of ground-based radar products.
- Add in HIRAD and HIWRAP links when ready.
- Add in NOAA products:
  - NHC Aircraft Reconnaissance Plan of the Day (link)
  - NOAA HRD Updates
  - AOML SST analysis, TC Heat Potential
  - OPC Surface Analysis
What needs to happen to improve this year...

“Many hands make light work.” - John Heywood

If you have products to share, let us know. The process to get products to us is very easy:

1.) Open a terminal window: ftp meso.gsfc.nasa.gov

2.) Enter “hs3” when prompted for name.

3.) Enter password when prompted.

At the 2012 meeting, there was lots of demand for a PREDICT-like page for HS3. We have the architecture in place, but need contributions from the team!
Questions???
Comments???
Suggestions???