The Tropical Analysis and Forecast Branch (TAFB) of the National Hurricane Center (NHC) issues weather and sea state forecasts and warnings for high seas and offshore areas of the Tropical North Atlantic and Tropical North Pacific oceans. The NHC is one of nine centers of the National Weather Service (NWS) National Centers for Environmental Prediction (NCEP). NCEP produces essential warnings, forecasts, and guidance to the public, NWS field offices, other domestic and international government agencies, and private meteorological services. TAFB products are available on the internet, some on NAVTEX and Inmarsat-C, and many are broadcast via the U.S. Coast Guard's high frequency radio facsimile primarily from New Orleans, LA. Some of the TAFB products are also broadcast from Boston, MA, Point Reyes, CA, and Honolulu, HI. TAFB products are in many cases merged with similar text and graphical products produced by the Ocean Prediction Center (OPC), as well as new experimental gridded products. The TAFB welcomes comments and suggestions on its products and services at:

tpc.mar@noaa.gov

or

tpc.marinefax@noaa.gov

For more please see other side for a partial list of products.
**Sea state analyses at 0000 and 1200 UTC.**
This chart depicts combined seas contoured every 3 ft. The arrows depict the primary swell direction.

**24, 48, & 72 hour surface forecasts - 96 hr forecast positions**
Surface forecast charts depict the forecast positions for synoptic features and the associated isobaric pressure field. The 96 hour position of highs, lows and tropical cyclones are depicted by an arrow from the 72 hour position.

**24, 48, & 72 hour wind/wave height forecasts**
These charts depict the forecast positions for synoptic features and the associated winds and combined seas.

**48 & 72 hr peak wave period & primary swell direction forecasts**
These charts depict the peak wave period from either the locally generated “wind sea” or the dominant wave system swell. The arrows depict the peak swell direction.

**Tropical Cyclone Danger Areas (May 15 - Nov 30)**
These charts depict the tropical cyclone name, forecast track and danger area associated for each tropical cyclone. The chart also shows areas of possible tropical cyclone development within the next 48 hours.

*graphics shown are sub-sections of actual products*