TROPICAL ANALYSIS AND FORECAST BRANCH (TAFB)

of the

NATIONAL HURRICANE CENTER (NHC)

is on the Web at:

www.nhc.noaa.gov/marine_forecasts.shtml

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

NATIONAL HURRICANE CENTER MIAMI FL

For more please see other side for a partial list of products.

Tropical Analysis Forecast Branch

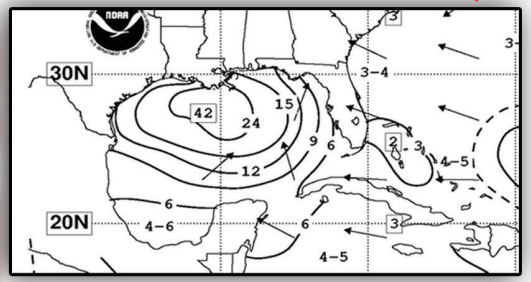
of the National Hurricane Center

Your source for tropical weather and ocean forecasts

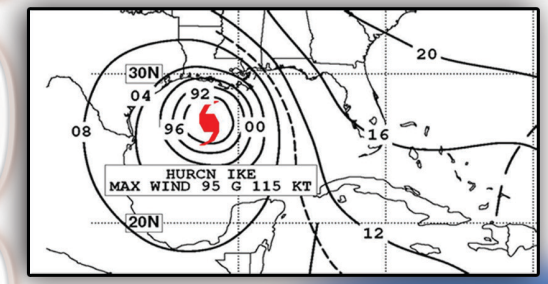
PRODUCTS

a few TAFB

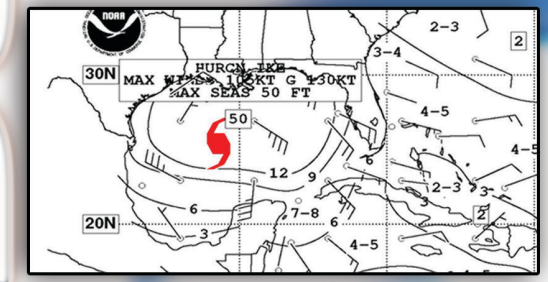
TROPICAL ATLANTIC & PACIFIC OCEANS Graphics



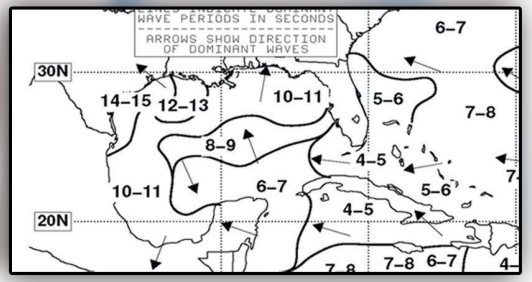
Sea state analyses at 0000 and 1200 UTC.
This chart depicts combined seas contoured every 3 ft. The arrows depict the primary swell direction.



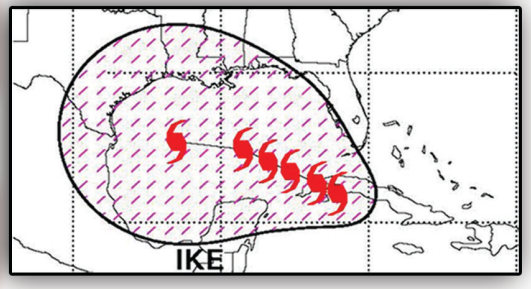
24, 48, & 72 hour surface forecasts - 96 hr forecast positions
Surface forecast charts depict the forecast positions for synoptic features and the associated isobaric pressure field. The 96 hour position of highs, lows and tropical cyclones are depicted by an arrow from the 72 hour position.



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

RADIOFACSIMILE FREQUENCIES

Atlantic
4317.9, 8503.9, 12789.9, 17146.4 KHz
(schedule transmitted at 2025Z)

East Pacific
4346, 8682, 12786, 17151.2, 22527 KHz
(schedule transmitted at 1124Z, 1135Z/2324Z, 2335Z)

Central Pacific
9982.5, 11090, 16135 KHz
(schedule transmitted at 1300Z, 1320Z/0100Z, 0120Z)

GRIDDED PRODUCTS

Experimental gridded wave heights at 0, 24, 48 hours on 25 km grids for:

West Atlantic Caribbean and Gulf of Mexico
5° - 55°N, 55° - 100°W

Pacific (OPC): 30° - 62°N, east of 155°W

Pacific (NHC): Equator to 30°N, 100° - 140°W

TEXT FORECASTS FOR THE TROPICAL NORTH ATLANTIC & TROPICAL NORTH & SOUTH PACIFIC WATERS

Offshore warnings and forecasts out to five days

Gulf of Mexico

Caribbean

Atlantic waters from 7°N - 31°N west of 35°W

High seas warnings and forecasts out to 48 hours

Tropical Atlantic from 7°N - 31°N, west of 35°W

Tropical Pacific from equator to 30°N, east of 140°W

South Pacific from equator to 18.5°S, east of 120°W

TAFB text and graphical forecasts are posted on the Internet at:
http://www.nhc.noaa.gov/marine_forecasts.shtml

Experimental Gridded winds and pressure:
ftp://ftp.mpc.ncep.noaa.gov/grids/experimental/

For specific weather information north of 31°N:
http://www.opc.ncep.noaa.gov/

Contact Information (TAFB email address):
tpc.mar@noaa.gov or tpc.marinefax@noaa.gov

J. David 2008