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Public Information Statement, Corrected  
National Weather Service Headquarters Washington DC  
955 AM EDT Fri Oct 23 2015

To: Subscribers:  
-Family of Services  
-NOAA Weather Wire Service  
-Emergency Managers Weather Information Network  
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Other NWS partners, users and employees

From: Eli Jacks  
Acting Chief, Forecast Services Division

Subject: Corrected: Comment period extended until July  
31, 2016, for the Experimental Gridded Marine  
Offshore and High Seas Forecasts in the National  
Digital Forecast Database (NDFD)

Corrected to add experimental in the first paragraph

Effective Tuesday, December 1, 2015, the NWS National Hurricane Center's (NHC) Tropical Analysis and Forecast Branch (TAFB) will provide 3-hourly temporal experimental gridded marine forecasts out to 72 hours. Beyond 72 hours, the temporal experimental resolution will continue at 6-hourly increments.

TAFB will continue to provide to the NDFD, on an experimental basis, gridded forecasts of five marine weather elements over its offshore waters and high seas forecast areas of responsibility (AOR) in the Atlantic and Pacific basins. The National Centers for Environmental Prediction's (NCEP) Ocean Prediction Center (OPC) will continue to provide to the NDFD, on an experimental basis, gridded forecasts of five marine weather elements over their offshore waters in the Atlantic and Pacific basins. NWS Weather Forecast Offices (WFO) in Fairbanks, Anchorage and Juneau, AK, will continue to provide six weather elements over their offshore waters on an experimental basis to the NDFD in the Arctic Ocean, Bering Sea and Gulf of Alaska basins.

OPC plans to add the high seas forecast grids on an experimental basis in 2017. NWS expects to add offshore and high seas forecast grids from WFO Honolulu, HI, in the near future. An amended Public Information Statement will be issued announcing the addition.

The gridded marine parameters include 10-meter wind speed, 10-meter wind direction, 10-meter wind gusts, significant wave heights and marine hazards. The Alaska offices also produce a

weather grid.

The upper right latitude, longitude for this new oceanic grid is 79.99N, 10.71E. The lower left corner lies directly on NCEP Gridpoint 204, which coincides with all other Pacific region NDFD grids. The lower left latitude, longitude for this grid is 30.42S, 129.91E. Specific information on the grid domain can be found at:

<http://graphical.weather.gov/docs/ndfdSRS.htm>

Areas of the offshore grids that coincide with the NDFD CONUS grid are included in the CONUS mosaic.

Each offshore and high seas producer updates its grids at least four times per day.

The experimental marine grids are online at:

<http://weather.noaa.gov/pub/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.oceanic/VP.001-003/>

<http://weather.noaa.gov/pub/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.oceanic/VP.004-007/>

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.oceanic/VP.001-003/>

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.oceanic/VP.004-007/>

More details regarding these elements are available in the Product Description Document in the online catalog of Experimental NWS products and services available at:

<http://products.weather.gov/PDD/PDD%20OFF%20HSF%20Grids%202015.pdf>

Forecasts for these zones will be available from NDFD in the following standard methods:

- Gridded Binary version 2 (GRIB2) files via Hypertext Transfer Protocol (HTTP) and File Transfer Protocol (FTP)
- Extensible Markup Language (XML) via Simple Object Access Protocol (SOAP)
- Graphics via Web browser

Graphics for the oceanic grid are available via the NDFD map viewer located at:

<http://digital.weather.gov/>

Information on accessing and using NDFD elements is online at:

<http://ndfd.weather.gov/technical.htm>

Comments and feedback on all these experimental Offshore and High Seas NDFD elements, including the current oceanic grid configuration (in current Mercator projection or some users prefer latitude/longitude projection) are welcome at:

<http://www.nws.noaa.gov/survey/nws-survey.php?code=EGOSWHSMF>

GRIB2 users:

<http://www.weather.gov/survey/nws-survey.php?code=ndfd-grids>

Users OF XML SOAP service:

<http://www.weather.gov/survey/nws-survey.php?code=xmlsoap>

NDFD online graphics:

<http://www.weather.gov/survey/nws-survey.php?code=gfp>

These Offshore and High Seas Marine elements will remain experimental until at least July 31, 2016, when the NWS will assess feedback and completes a technical analysis. At that time, the NWS will determine whether to move these experimental elements to operational status, discontinue them, or revise and extend the experimental feedback period. Users will be notified of that decision via another Public Information Statement and a new implementation date will be established.

If you have questions regarding this notice, please contact:

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For general questions regarding NDFD data, please email:

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For technical questions regarding NDFD data, please contact:

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NDFD Public Information Statements are online at:

<http://www.weather.gov/ndfd/tins.htm>

National Public Information Notices are online at:

<http://www.weather.gov/os/notif.htm>

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