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TECHNICAL IMPLEMENTATION NOTICE 07-32  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
145 PM EDT TUE MAY 1 2007

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS  
NOAA WEATHER WIRE SERVICE /NWS/ SUBSCRIBERS  
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/  
SUBSCRIBERS  
NOAAPORT SUBSCRIBERS  
OTHER NWS PARTNERS...USERS AND EMPLOYEES

FROM: GLENN AUSTIN  
DIGITAL SERVICES TRANSITION MANAGER  
OFFICE OF CLIMATE...WATER AND WEATHER SERVICES

SUBJECT: SIGNIFICANT WAVE HEIGHT ELEMENT TO BECOME OPERATIONAL IN THE  
NATIONAL DIGITAL FORECAST DATABASE ON MAY 31 2007 AT 1200 UTC

REFER TO: [TECHNICAL IMPLEMENTATION NOTICE /TIN/ 07-31](#) ANNOUNCING  
PROBABILISTIC TROPICAL CYCLONE SURFACE WIND SPEED ELEMENTS BECOMING  
OPERATIONAL IN NDFD ON THE SAME DATE.

EFFECTIVE MAY 31 2007 AT 1200 COORDINATED UNIVERSAL TIME /UTC/...THE  
SIGNIFICANT WAVE HEIGHT ELEMENT IN THE NATIONAL DIGITAL FORECAST DATABASE  
/NDFD/ WILL BE UPGRADED FROM EXPERIMENTAL TO OPERATIONAL STATUS.  
SIGNIFICANT WAVE HEIGHT HAS BEEN AN EXPERIMENTAL ELEMENT IN NDFD SINCE  
JUNE 2003.

SIGNIFICANT WAVE HEIGHT FORECASTS ARE AVAILABLE FOR THE COTERMINOUS U.S.  
/CONUS/...THE 16 PRE-DEFINED NDFD CONTIGUOUS U.S. /CONUS/  
SUBSECTORS...PUERTO RICO/THE VIRGIN ISLANDS...HAWAII AND GUAM. THE  
DEFINITION FOR SIGNIFICANT WAVE HEIGHT IS AVAILABLE ON THE LIST OF NDFD  
ELEMENT DEFINITIONS AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/NDFD/DEFINITIONS.HTM](http://www.nws.noaa.gov/ndfd/definitions.htm)

USERS OF NDFD GRAPHICS...NDFD IN EXTENSIBLE MARKUP LANGUAGE /XML/ VIA WEB  
SERVICE...OR THE NEW EXPERIMENTAL NDFD WEB FEATURE SERVICE BEING  
IMPLEMENTED TODAY /MAY 1 2007/ ARE NOT AFFECTED BY THIS CHANGE IN STATUS  
FROM EXPERIMENTAL TO OPERATIONAL.

THIS CHANGE PRIMARILY AFFECTS USERS WHO PULL THESE ELEMENTS IN GRIDDED  
BINARY VERSION TWO /GRIB2/ FORMAT FROM THE NWS FILE TRANSFER PROTOCOL  
/FTP/ SERVER...EITHER VIA THE INTERNET OR VIA THE FAMILY OF SERVICES  
SERVER ACCESS SERVICE. THOSE USERS WILL NEED TO PULL THIS ELEMENT FROM A  
DIFFERENT URL/S/ TO CONTINUE TO RECEIVE THE SIGNIFICANT WAVE HEIGHT  
ELEMENT AND MAY NEED TO UPDATE PROCEDURES AND/OR SCRIPTS TO ENSURE  
CONTINUED ACCESS.

ADDITIONAL DETAILS ABOUT THIS IMPLEMENTATION...INCLUDING SPECIFIC INFORMATION FOR FTP USERS...ARE AVAILABLE AT /USE LOWER CASE/:

[HTTP://WWW.WEATHER.GOV/NDFD/WAVEH\\_6TPC\\_OPER\\_IMPLM.HTM](http://www.weather.gov/ndfd/waveh_6tpc_oper_implem.htm)

IF MAY 31 2007 IS A CRITICAL WEATHER DAY...THIS IMPLEMENTATION MAY BE POSTPONED. IN THAT CASE...USERS WILL BE NOTIFIED OF THAT DECISION VIA A TIN AS FAR IN ADVANCE AS POSSIBLE.

DETAILED INFORMATION ON OPTIONS FOR ACCESSING AND USING THE NDFD IS AVAILABLE AT /USER LOWER CASE/:

[HTTP://NDFD.WEATHER.GOV/TECHNICAL.HTM](http://ndfd.weather.gov/technical.htm)

IF YOU HAVE QUESTIONS REGARDING THIS NOTICE...PLEASE CONTACT:

MARK TEW  
NATIONAL WEATHER SERVICE  
MARINE AND COASTAL SERVICES BRANCH  
SILVER SPRING MARYLAND  
EMAIL: [MARK.TEW@NOAA.GOV](mailto:MARK.TEW@NOAA.GOV)

IF YOU HAVE TECHNICAL QUESTIONS REGARDING THE NDFD DATA...PLEASE CONTACT:

DAVID RUTH  
CHIEF...MESOSCALE PREDICTION BRANCH  
NATIONAL WEATHER SERVICE  
OFFICE OF SCIENCE AND TECHNOLOGY  
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TECHNICAL IMPLEMENTATION NOTICES SPECIFICALLY RELATED TO THE NDFD ARE AVAILABLE ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.WEATHER.GOV/NDFD/TINS.HTM](http://www.weather.gov/ndfd/tins.htm)

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

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