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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

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
SILVER SPRING MARYLAND
EMAIL: DAVID.RUTH@NOAA.GOV

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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