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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 NATIONAL WEATHER SERVICE /NWS/ CUSTOMERS
AND PARTNERS...AND NWS 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: 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 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 LETTERS/:

[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 /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 LETTERS/:

[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 TECHNICAL IMPLEMENTATION NOTICE AS FAR IN ADVANCE AS POSSIBLE.

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

[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
1325 EAST WEST HIGHWAY
SILVER SPRING MARYLAND 20910
E-MAIL: 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
1325 EAST WEST HIGHWAY
SILVER SPRING MARYLAND 20910
EMAIL: DAVID.RUTH@NOAA.GOV

TECHNICAL IMPLEMENTATION NOTICES SPECIFICALLY RELATED TO THE NDFD ARE AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

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

ALL NWS TECHNICAL IMPLEMENTATION NOTICES ARE POSTED AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://www.nws.noaa.gov/om/notif.htm)

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