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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-37
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
105 PM EDT MON JUN 5 2006

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

FROM: THERESE Z. PIERCE
CHIEF...MARINE AND COASTAL SERVICES BRANCH

SUBJECT: NEW EXPERIMENTAL NATIONAL DIGITAL FORECAST DATABASE TROPICAL
CYCLONE SURFACE WIND SPEED PROBABILITY ELEMENTS FOR THE CONTIGUOUS UNITED
STATES AND ADJACENT COASTAL AREAS: EFFECTIVE JULY 5 2006

EFFECTIVE JULY 5 2006 AT 1200 COORDINATED UNIVERSAL TIME /UTC/...THE NWS
WILL BEGIN PROVIDING TROPICAL CYCLONE PROBABILISTIC WIND SPEED FORECAST
ELEMENTS IN THE NATIONAL DIGITAL FORECAST DATABASE /NDFD/ ON AN
EXPERIMENTAL BASIS. THE TEST WILL CONTINUE THROUGH NOVEMBER 30 2006.

USERS WILL BE ABLE TO PULL THESE ELEMENTS IN GRIDDED BINARY VERSION TWO
/GRIB2/ FORMAT FROM THE NWS FILE TRANSFER PROTOCOL /FTP/ SERVER. GRIDDED
FORECASTS FOR TROPICAL CYCLONE SURFACE WIND SPEED PROBABILITIES WILL BE
AVAILABLE THROUGH 120 HOURS AT 6-HOURLY INTERVALS WITH A FIVE KILOMETER
SPATIAL RESOLUTION. THESE FORECASTS WILL BE PROVIDED FOR THREE WIND SPEED
THRESHOLDS: 34...50 AND 64 KNOTS. TWO TYPES OF WIND SPEED
PROBABILITIES...CUMULATIVE AND INCREMENTAL...WILL BE PROVIDED.
DEFINITIONS OF THESE PROBABILITIES WILL BE AVAILABLE ON THE NATIONAL
HURRICANE CENTER WEBSITE BY JULY 5 AT /USE LOWER CASE/:

[HTTP://WWW.NHC.NOAA.GOV/ABOUTNHCPROBS.SHTML](http://www.nhc.noaa.gov/aboutnhcprobs.shtml)

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

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

A PRODUCT DESCRIPTION DOCUMENT /PDD/ FOR THE EXPERIMENTAL NDFD TROPICAL
CYCLONE GRIDDED WIND SPEED PROBABILITIES IS AVAILABLE ONLINE AT /USE LOWER
CASE/:

[HTTP://PRODUCTS.WEATHER.GOV/VIEWLISTE.PHP](http://products.weather.gov/viewliste.php)

GO TO PAGE 3 FOR THE UMBRELLA PDD DESCRIBING NDFD GRIDDED DATA. GO TO
PAGE 4 FOR THE PDD DESCRIBING THE EXPERIMENTAL TROPICAL CYCLONE
PROBABILISTIC SURFACE WIND SPEED GRIDDED DATA.

A DETAILED LISTING OF TROPICAL PREDICTION CENTER /TPC/ WORLD METEOROLOGICAL ORGANIZATION /WMO/ PRODUCT HEADINGS...INCLUDING THE TPC AREA DESIGNATOR AND REFERENCE TIME DESIGNATORS...IS LOCATED AT /USE LOWER CASE/:

[HTTP://WWW.WEATHER.GOV/DATAMGMT/DOC/TPC.HTML](http://www.weather.gov/datamgmt/doc/tpc.html)

NEW NDFD GRAPHICS FOR THESE EXPERIMENTAL ELEMENTS WILL BE AVAILABLE ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.WEATHER.GOV/FORECASTS/GRAPHICAL/SECTORS/](http://www.weather.gov/forecasts/graphical/sectors/)

USERS ARE ENCOURAGED TO PROVIDE FEEDBACK ON THE EXPERIMENTAL PROBABILISTIC WIND SPEED PRODUCTS BY USING THE BRIEF SURVEY AND COMMENT FORM AVAILABLE ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.WEATHER.GOV/SURVEY/NWS-SURVEY.PHP?CODE=TCSWP](http://www.weather.gov/survey/nws-survey.php?code=tcswp)

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

TIMOTHY SCHOTT
NATIONAL WEATHER SERVICE
MARINE AND COASTAL SERVICES BRANCH
SILVER SPRING MARYLAND
EMAIL: TIMOTHY.SCHOTT@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
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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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