

NOUS41 KWBC 161219
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TECHNICAL IMPLEMENTATION NOTICE 07-22
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
817 AM EDT MON APR 16 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: THERESE Z. PIERCE
CHIEF...MARINE AND COASTAL SERVICES BRANCH

SUBJECT: CHANGES TO TROPICAL CYCLONE PROBABILISTIC WIND SPEED
PRODUCTS: EFFECTIVE MAY 15 2007

REF: TIN 06-71 ANNOUNCING CHANGES TO THE TROPICAL CYCLONE
PROBABILISTIC WIND SPEED PRODUCTS: TRANSMITTED
OCTOBER 23 2006

BEGINNING MAY 15 2007 THE NATIONAL HURRICANE CENTER /NHC/ WILL
HAVE THE CAPABILITY TO ISSUE TROPICAL CYCLONE INCREMENTAL
PROBABILISTIC WIND SPEED FORECASTS.

CURRENTLY THE NHC DISSEMINATES TROPICAL CYCLONE CUMULATIVE
PROBABILISTIC WIND SPEED FORECASTS WHEN TROPICAL CYCLONES ARE
FORECAST FOR THE ATLANTIC...THE EASTERN PACIFIC...CENTRAL
PACIFIC...AND WESTERN PACIFIC HURRICANE BASINS. THESE PRODUCTS
ARE DISSEMINATED FOUR TIMES PER DAY WHEN TROPICAL CYCLONE
ADVISORIES ARE ISSUED AT 0300...0900...1500...AND 2100
COORDINATED UNIVERSAL TIME /UTC/...AND ALSO IN CONJUNCTION WITH
THE ISSUANCE OF SPECIAL TROPICAL CYCLONE ADVISORIES. THESE
PRODUCTS PROVIDE THE PROBABILITIES OF SUSTAINED WIND SPEED
EXCEEDANCE FOR THREE THRESHOLDS: 34 KNOTS...50 KNOTS AND 64
KNOTS...AT 6 HOURLY FORECAST INTERVALS OUT TO 120 HOURS. THE
PRODUCTS ARE ISSUED ON AWIPS GRID 231 IN GRIDDED BINARY /GRIB2/
FORMAT AT A 0.5 DEGREE KILOMETER RESOLUTION.

FOR ADDITIONAL DETAILS ON THE PROBABILISTIC WINDS PRODUCTS...TO
INCLUDE DEFINITIONS OF THE CUMULATIVE AND INCREMENTAL
PROBABILITIES...REFER TO THE NHC WEB SITE AT /USE LOWER CASE
LETTERS/:

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

THE INCREMENTAL DATA WILL BE ISSUED UNDER THE SAME HEADERS AS THE
CUMULATIVE DATA. THERE ARE NO CHANGES TO THE COMMUNICATION
HEADERS....REFERENCE TIN 06-71 TRANSMITTED ON OCTOBER 23 2006.
THE GRIB FIELD DESCRIPTORS FOR THE INCREMENTAL DATA ARE DIFFERENT

FROM THE CUMULATIVE DATA FIELD DESCRIPTORS.

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

SCOTT KISER
NATIONAL WEATHER SERVICE
MARINE AND COASTAL SERVICES BRANCH
1325 EAST WEST HIGHWAY
SILVER SPRING MARYLAND 20910
EMAIL: SCOTT.KISER@NOAA.GOV

THIS AND ALL OTHER 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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