

NOUS41 KWBC 231210  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-71  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
810 AM EDT MON OCT 23 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: CHANGES TO TROPICAL CYCLONE PROBABILISTIC WIND SPEED PRODUCTS:  
EFFECTIVE JANUARY 18 2007

EFFECTIVE JANUARY 18 2007 AT 0300 COORDINATED UNIVERSAL TIME /UTC/...THE  
TEMPORAL RESOLUTION OF TROPICAL CYCLONE PROBABILISTIC WIND SPEED FORECASTS  
WILL CHANGE FROM 12 HOURS TO SIX HOURS.

CURRENTLY...NWS ROUTINELY DISSEMINATES TROPICAL CYCLONE 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: 0300...0900...1500 AND 2100 UTC...AND IN  
CONJUNCTION WITH THE ISSUANCE OF SPECIAL TROPICAL CYCLONE ADVISORIES.  
THESE PRODUCTS CURRENTLY PROVIDE THE PROBABILITIES OF SUSTAINED WIND SPEED  
EXCEEDANCE FOR THREE THRESHOLDS: 34 KNOTS ...50 KNOTS AND 64 KNOTS...AT  
12-HOURLY FORECAST INTERVALS OUT TO 120 HOURS. THE PRODUCTS ARE ISSUED ON  
ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/ GRID 231 IN GRIDDED  
BINARY VERSION TWO /GRIB2/ FORMAT AT A 0.5 DEGREE KILOMETER RESOLUTION.

THE WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADERS AND ASSOCIATED  
FORECAST INTERVALS FOR THE EXISTING PRODUCTS ARE AS FOLLOWS:

|        |      |          |
|--------|------|----------|
| LDGA98 | KNHC | 0-HOUR   |
| LDGC98 | KNHC | 12-HOUR  |
| LDGE98 | KNHC | 24-HOUR  |
| LDGG98 | KNHC | 36-HOUR  |
| LDGI98 | KNHC | 48-HOUR  |
| LDGJ98 | KNHC | 60-HOUR  |
| LDGK98 | KNHC | 72-HOUR  |
| LDGL98 | KNHC | 84-HOUR  |
| LDGM98 | KNHC | 96-HOUR  |
| LDGN98 | KNHC | 108 HOUR |
| LDGO98 | KNHC | 120 HOUR |

ON JANUARY 18 2007 AT 0300 UTC...THE TEMPORAL RESOLUTION OF THESE FORECAST  
PRODUCTS WILL CHANGE FROM 12 HOURS TO SIX HOURS. THE WMO HEADERS AND THE  
ASSOCIATED FORECAST INTERVALS FOR THE NEW SIX-HOURLY PRODUCTS ARE LISTED

BELOW. USERS WISHING TO RECEIVE THE NEW SIX-HOURLY FORECAST PRODUCTS MUST MAKE THE FOLLOWING CHANGES TO THEIR DATABASES.

| WMO HEADER  | FORECAST INTERVAL | ACTION |
|-------------|-------------------|--------|
| -----       | -----             | -----  |
| LDGB98 KNHC | 6-HOURS           | ADD    |
| LDGD98 KNHC | 18-HOURS          | ADD    |
| LDGF98 KHHC | 30-HOURS          | ADD    |
| LDGH98 KNHC | 42-HOURS          | ADD    |
| MDGM98 KNHC | 54-HOURS          | ADD    |
| MDGN98 KNHC | 66-HOURS          | ADD    |
| MDGT98 KNHC | 78-HOURS          | ADD    |
| MDGU98 KNHC | 90-HOURS          | ADD    |
| MDGV98 KNHC | 102 HOURS         | ADD    |
| MDGW98 KNHC | 116 HOURS         | ADD    |

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

TIMOTHY SCHOTT  
NATIONAL WEATHER SERVICE  
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NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

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

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