

NOUS41 KWBC 221820
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-86
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
120 PM EST WED NOV 22 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: PAUL HIRSCHBERG
CHIEF...SCIENCE PLANS BRANCH
OFFICE OF SCIENCE AND TECHNOLOGY

SUBJECT: ADDITION OF GLOBAL FORECAST SYSTEM /GFS/ GRIDS FOR THE PUERTO
RICO REGION: EFFECTIVE DECEMBER 12 2006

EFFECTIVE TUESDAY DECEMBER 12 2006 AT 1200 COORDINATED UNIVERSAL TIME
/UTC/ ADDITIONAL NATIONAL CENTERS FOR ENVIRONMENTAL PREDICTION /NCEP/
PUERTO RICO REGION GFS GRIDS WILL BE BROADCAST VIA NOAAPORT.

NCEP WILL PROVIDE ALL FOUR DAILY GFS MODEL RUNS /0000...0600...1200 AND
1800 UTC/ IN GRIDDED BINARY VERSION TWO /GRIB2/ FORMAT ON PUERTO RICO GRID
161 AT APPROXIMATELY 40 KM HORIZONTAL RESOLUTION. THE TIMING OF THIS GFS
DISTRIBUTION ON NOAAPORT WILL COINCIDE WITH THAT OF EXISTING GFS PRODUCTS
ON THAT NETWORK /APPROXIMATELY THREE TO FIVE HOURS AFTER THE FOUR NOMINAL
MODEL RUN TIMES/.

EACH DISTRIBUTION WILL CONSIST OF APPROXIMATELY 9200 GRIB2 GRIDS WHOSE
COLLECTIVE VOLUME WILL BE APPROXIMATELY 74 MBYTES.

THE WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS FOR THESE PRODUCTS
WILL BE OF THE FORM:

T1: DATA FORMAT OF GRIB2 /L OR M/
T2: PARAMETER CODE /ONE OF BCEFGHMOPQRSTUVWXYZ/
A1: GRID CODE /ALWAYS T FOR PUERTO RICO GRID 161/
A2: FORECAST TIME /ONE OF ABCDEFGHIJKLMNOPQRSTUVWXYZ/
II: ATMOSPHERIC LAYER OR LEVEL /00 TO 99/
CCCC: KWBC

A COMPLETE DESCRIPTION AND LIST OF THE WMO HEADINGS ARE POSTED AT /USE
LOWER CASE EXCEPT FOR OB/:

[HTTP://WWW.NWS.NOAA.GOV/OST/OB6 RC.HTML](http://www.nws.noaa.gov/ost/ob6_rc.html)

THE EFFECTIVE DATE OF THIS CHANGE IS SOONER THAN SPECIFIED BY NWS POLICY
(NWS INSTRUCTION 10-1805). THE SHORTER ADVANCE LEAD TIME WAS CAUSED BY
THE NECESSITY TO CONDUCT NWS NETWORK UTILIZATION ANALYSES AND BY THE NWS
TELECOMMUNICATIONS OPERATIONS CENTER MORATORIUM ON SYSTEM CHANGES. WAIVER
OF THE NORMAL ADVANCE LEAD TIME WAS APPROVED IN ORDER TO MEET OPERATIONAL

REQUIREMENTS.

IF YOU HAVE QUESTIONS ABOUT THESE CHANGES...PLEASE CONTACT:

BRIAN GOCKEL
OFFICE OF SCIENCE AND TECHNOLOGY
SILVER SPRING MARYLAND
PHONE: 301-713-0304 X 158
EMAIL: BRIAN.GOCKEL@NOAA.GOV

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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