

NOUS41 KWBC 221821  
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  
NATIONAL WEATHER SERVICE /NWS/ CUSTOMERS AND  
PARTNERS...NWS EMPLOYEES

FROM: PAUL HIRSCHBERG  
SCIENCE PLANS BRANCH CHIEF  
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 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 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 LETTERS 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 OPERATION 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 X158  
EMAIL: BRIAN.GOCKEL@NOAA.GOV

THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE  
ONLINE 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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