

NOUS41 KWBC 221820  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-85  
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  
PACIFIC REGION: EFFECTIVE DECEMBER 5 2006

EFFECTIVE TUESDAY DECEMBER 5 2006 AT 1200 COORDINATED UNIVERSAL  
TIME /UTC/...ADDITIONAL NATIONAL CENTERS FOR ENVIRONMENTAL  
PREDICTION /NCEP/ PACIFIC 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 PACIFIC GRID 254 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 425 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 O FOR PACIFIC GRID 254/  
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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