

NOUS41 KWBC 221820  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-84  
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 ALASKA  
REGION: EFFECTIVE NOVEMBER 28 2006

EFFECTIVE TUESDAY NOVEMBER 28 2006...BEGINNING AT 1200 COORDINATED  
UNIVERSAL TIME /UTC/...ADDITIONAL NATIONAL CENTERS FOR ENVIRONMENTAL  
PREDICTION /NCEP/ ALASKA 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 ALASKA GRID  
160...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 140 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 G FOR ALASKA GRID 160/  
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:

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SILVER SPRING MARYLAND  
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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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