

NOUS41 KWBC 221819
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
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
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 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 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 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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