

NOUS41 KWBC 071928  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 07-17  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
230 PM EST WED MAR 7 2007

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  
CHIEF...SCIENCE PLANS BRANCH  
OFFICE OF SCIENCE AND TECHNOLOGY /OST/

SUBJECT: NCEP GLOBAL FORECAST SYSTEM BUFR FORMAT SOUNDING  
PRODUCTS TO BE ADDED TO NOAAPORT: EFFECTIVE  
JUNE 5 2007

EFFECTIVE TUESDAY JUNE 5 2007...BEGINNING WITH THE 1200  
COORDINATED UNIVERSAL TIME /UTC/ RUN...THE NATIONAL CENTERS FOR  
ENVIRONMENTAL PREDICTION /NCEP/ WILL BEGIN TO DISSEMINATE ITS  
GLOBAL FORECAST SYSTEM /GFS/ BUFR FORMAT SOUNDING PRODUCTS FOR  
TRANSMISSION ON NOAAPORT. THESE BUFR SOUNDING PRODUCTS WILL BE  
PRODUCED IN 3-HOUR FORECAST INCREMENTS FROM FORECAST HOUR 00 TO  
180. THESE WILL BE DISSEMINATED FOUR TIMES PER DAY FOR EACH OF  
THE GFS MODEL CYCLES /00...06...12 AND 18 UTC/. WMO HEADINGS AND  
GEOGRAPHICAL DOMAINS FOR THESE PRODUCTS ARE LISTED IN TABLE 1.

TABLE 1: GEOGRAPHICAL DOMAINS

WMO HEADING GEOGRAPHICAL DOMAIN.

JUSA41 KWBC	SOUTHEAST CONUS AND PUERTO RICO
JUSA42 KWBC	NORTHEAST CONUS AND SE CANADA
JUSB43 KWBC	SOUTH CENTRAL CONUS AND NORTHEAST MEXICO
JUSB44 KWBC	NORTH CENTRAL CONUS AND SOUTH CENTRAL CANADA
JUSB45 KWBC	SOUTHWEST CONUS AND NORTHWEST MEXICO
JUSB46 KWBC	NORTHWEST CONUS AND SOUTHWEST CANADA
JUSX47 KWBC	HAWAII REGION
JUSX48 KWBC	WESTERN PACIFIC OCEAN INCLUDING GUAM
JUSX49 KWBC	ALASKA, NORTHWEST CANADA, AND EAST RUSSIA

THE AVERAGE SIZE OF THESE PRODUCTS PER MODEL CYCLE...BROKEN OUT  
BY WMO HEADING...ARE LISTED IN TABLE 2.

TABLE 2: AVERAGE SIZE PER MODEL CYCLE.

WMO HEADING AVERAGE SIZE PER MODEL CYCLE

JUSA41 KWBC 9 MEGABYTES  
JUSA42 KWBC 12 MEGABYTES  
JUSB43 KWBC 7 MEGABYTES  
JUSB44 KWBC 8 MEGABYTES  
JUSB45 KWBC 6 MEGABYTES  
JUSB46 KWBC 5 MEGABYTES  
JUSX47 KWBC 0.5 MEGABYTES  
JUSX48 KWBC 0.5 MEGABYTES  
JUSX49 KWBC 5 MEGABYTES

A DESCRIPTION OF THE PARAMETERS CONTAINED WITHIN THESE FILES CAN  
BE OBTAINED ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NCO.NCEP.NOAA.GOV/PMB/CHANGES/BUFR\\_GFS3\\_CLASS1.TBL](http://www.nco.ncep.noaa.gov/pmb/changes/bufr_gfs3_class1.tbl)

IF YOU HAVE ANY QUESTIONS CONCERNING THE NOAAPORT ACTIVATION OF  
THESE PRODUCTS...PLEASE CONTACT:

BRIAN GOCKEL  
OST/SYSTEMS ENGINEERING CENTER  
SILVER SPRING MARYLAND  
PHONE: 301 713 0304 X158  
EMAIL: BRIAN.GOCKEL@NOAA.GOV

IF YOU HAVE ANY QUESTIONS CONCERNING THE TECHNICAL DETAILS OF THE  
PRODUCT OR ITS GENERATION...PLEASE CONTACT:

BRENT GORDON  
NCEP...PRODUCTION MANAGEMENT BRANCH  
CAMP SPRINGS MARYLAND  
PHONE: 301 763 8000 X7193  
EMAIL: BRENT.GORDON@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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