

NOUS41 KWBC 021815
PNSWSH

Public Information Statement 21-23
National Weather Service Headquarters Silver Spring MD
215 PM EDT Fri Apr 2 2021

To: Subscribers:
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
 -NOAAPort
 Other NWS Partners and NWS Employees

From: Mike Farrar
 Director, National Centers for Environmental Prediction

Subject: Soliciting Comments through May 1, 2021 on the Removal
of Low Resolution Products from SBN/NOAAPort

The NWS is proposing to remove certain low-resolution model output from the Satellite Broadcast Network (SBN) aka NOAAPort. Currently the bandwidth for the SBN/NOAAPort is at capacity, and some products arrive at the Weather Forecast Offices (WFOs) delayed by up to 30 minutes, depending on the time of day. The NWS has evaluated which fields are most critical for its mission on the SBN/NOAAPort and recommended changes to optimize the flow of data to its forecast offices.

The products slated for removal are low resolution products from the Global Forecast System (GFS) and the North American Model (NAM), detailed below.

If approved, NWS will remove these products from the SBN/NOAAPort. They will remain on the Global Telecommunications System (GTS).

Removal of Low Resolution GFS

For the GFS, NWS is proposing to remove the following:

CONUS

Grid ID & Details	Format	Resolution	Header Pattern
-----	-----	-----	-----
Grid 213	Grib2	95km	[L,M]*H## KWBC
Grid 213 WAFS limited)	Grib1	95km	[Y,Z]*X## KWBC
Grid 211	Grib1	80km	[Y,S]*Q## KWBC

Note: WAFS is World Area Forecast System

Pacific Region

Grid ID & Details	Format	Resolution	Header Pattern
Grid unspecified	Grib1	75km	[Y,Z]*Z## KWBC
Grid 242	Grib2	40km	[L,M]*O## KWBC

Global

Grid ID & Details	Format	Header Pattern
Atmospheric WAFS	Grib1	H*[I,J,K,L,M,N,O,P]*## KWBC
Oceanic WAFS	Grib1	H*[A,B,C,D]*## KWBC

Note: WAFS is World Area Forecast System

Removal of Low Resolution NAM

For the NAM, the following are proposed for removal:

Grid ID & Details	Format	Resolution	Header Pattern
Grid 212	Grib2	40km	[Y,Z]*R## KWBE
Grid 215	Grib2	20km	[Y,Z]*U## KWBE

The following grids will remain on the SBN/NOAAPort and GTS:

GFS

Grid ID & Details	Format	Resolution	Header Pattern
Grid 215 CONUS	Grib2	20km	[Y,Z]*N*## KWBC
Grid 217 Alaska	Grib2	22.5km	[Y,Z]*B*## KWBC
Pacific Region	Grib2	20km	[Y,Z]*E*## KWBC
Grid 161 Puerto Rico	Grib2	0.5deg	[L,M]*T*## KWBC
Puerto Rico	Grib2	20km	[Y,Z]*F*## KWBC
Grid 103 Global	Grib2	1.0deg	[Y,Z]*P*## KWBC

NAM

Grid ID & Details	Format	Resolution	Header Pattern
Grid 218	Grib2	12km	[Y,Z]*B*## KWBE

If these product changes are approved, a Service Change Notice will be issued giving 30 days of notice of the termination date of June 1, 2021.

If you have any questions regarding this change, please contact:

Paul Kirkwood
Chief, Technology Infusion Branch

Chair, SBN Recommendation Committee
Fort Worth, Texas
Paul.Kirkwood@noaa.gov

or

Scott Jacobs
AWIPS System Architect
Silver Spring, Maryland
Scott.Jacobs@noaa.gov

If you have questions regarding the data flow aspects, please contact:

Anne Myckow
NCEP Central Operations Dataflow Team Lead
ncep.pmb.dataflow@noaa.gov

National Public Information Statements are online at:

<https://www.weather.gov/notification/>

NNNN