

Input to request from OST/SEC (Brian Gockel) for ISST input on the “full GFS and Eta” support RC.

The ISST would like to thank you for inviting us to your review and opportunity to comment on the documents supplied. However, we must state that these documents are more a matter for other departments and regions to deal with and do not fall within the ISST charter.

1. The Eta Extension is going to follow non-SBN transmission and not official AWIPS management, therefore we (ISST) should not have to comment on this nor should an RC be needed.

2. The ISST recommends removing time steps of model data (for example, keep 6h versus 3h grids) rather than vertical levels should communication shortfalls occur.

3. DOCUMENT: "Eta12 Grid218 Full RC draft" Listed Index should be Lifted Index in section 2.

4. DOCUMENT: "GFS Grid211 Full RC draft"

The draft GFS RC did not contain basic needed fields on page 2. If this RC is an additive request to RC 665, these basic fields may be contained in 665. We did not have a copy of 665. The basic fields needed in the GFS RC are:

Geopotential Height (29)
Temperature (29)
Relative Humidity (29)
u-wind (29)
v-wind (29)
Absolute Vorticity (29)
Vertical Velocity (29)
Dew Point Temperature (29)
CAPE (3)
CIN (3)