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PNSWSH

Public Information Statement, Comment Request
National Weather Service Headquarters Washington DC
131 PM EST Mon Nov 8 2010

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From: John Ward
 Chief, Global Modeling Branch
 NCEP/Environmental Modeling Center

Subject: Soliciting Public Comments through December 31, 2010 on
Modification of Product Dissemination Time of Global Ensemble Forecast
System Products

The National Centers for Environmental Prediction (NCEP) is proposing to upgrade the Global Ensemble Forecast System (GEFS) in late 2011. This upgrade would result in GEFS products being distributed to the public up to 30 minutes later than the current distribution time. The NWS is seeking comments on this proposed upgrade and resultant distribution schedule change by December 31, 2010.

The proposed upgrades to the modeling system would be:

- Increased horizontal model resolution from T190 to T254 for forecast hours 0 to 192.
- Increased vertical resolution from L28 to L42 for forecast hours 0 to 384.
- Improved initial perturbations.
- Improved stochastic total tendency perturbations.

The benefits to the user community would be improved model skill.

The delayed delivery time would affect all GEFS products distributed through NOAAPort, the NWS file transfer protocol (ftp) server, the NCEP ftp/http server, and the NOAA Operational Model Archive and Distribution Service (NOMADS). This GEFS upgrade might also cause minor delays to the output of the GEFS Tracker Job, which plots positions of cyclones, and the Global Ensemble Ocean Wave products.

More details about the GEFS are available at:

<http://www.emc.ncep.noaa.gov/GEFS/>

At the close of the public comment period, NWS will evaluate the comments to determine whether to proceed with this upgrade to the GEFS as planned. A Technical Implementation Notice will be issued containing the

implementation date and more details about the upgrade and resultant product delays.

Please send comments on this proposal to:

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National Public Information Statements are online at:

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