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Service Change Notice 11-27
National Weather Service Headquarters Washington DC
1110 AM EDT Tue Jul 26 2011

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FROM: James E. Hoke
Director Hydrometeorological Prediction Center

SUBJECT: Enhancements to Hydrometeorological Prediction Center
Medium Range Weather Grids over CONUS Effective
October 11 2011

Effective Tuesday, October 11, 2011, the National Centers for Environmental Prediction's (NCEP) Hydrometeorological Prediction Center (HPC) will distribute enhanced CONUS medium range (days 4 through 7) weather grids. The grids have been enhanced to better align with National Digital Forecast Database (NDFD) requirements.

In particular the weather grid temporal resolution has been increased to 6 hours from 12 hours, additional qualifiers (slight chance, chance) have been added, and the weather type algorithm has been improved to better take into account vertical temperature profiles. No weather is shown where the Probability of Precipitation (PoP) is less than 15%.

Graphical representations of the products are online at:

http://origin.hpc.ncep.noaa.gov/5km_grids/5km_gridsbody.html

More details are online at:

http://origin.hpc.ncep.noaa.gov/5km_grids/medr_5km_methodology_newparms.pdf

If you have questions or feedback, please contact:

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National Service Change Notices are online at:

<http://www.weather.gov/os/notif.htm>

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