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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 contiguous U.S. (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 six 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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<https://www.weather.gov/notification/archive>

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