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Service Change Notice 13-55: Corrected
National Weather Service Headquarters Washington DC
740 AM EDT Thu Aug 29 2013

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FROM: Kevin McCarthy
Acting Director, Weather Prediction Center

SUBJECT: Corrected: Application of Downscaling to WPC 5 km
Deterministic Quantitative Precipitation Forecasts
Effective October 22, 2013

Corrected effective time from 800 UTC to 1800 UTC on same date

Effective October 22, 2013, at 1800 UTC, the National Centers for Environmental Prediction's (NCEP) Weather Prediction Center (WPC) will implement downscaling to 5 km resolution on all deterministic quantitative precipitation forecasts. The change is based on numerous requests and as part of continual product improvement. The downscaling uses monthly PRISM data. Enhanced product detail is most evident during the cool season in the western United States, with lessor effects in the East.

No changes will be made to WMO headers. Grid file sizes will remain comparable to current sizes.

WPC has developed graphical and gridded examples of 6-hour, 24-hour, and 168-hour deterministic downscaled QPF available at:

ftp://ftp.wpc.ncep.noaa.gov/downscaled_qpf_examples/

The Hurricane Sandy examples (sandy_) demonstrate results for a heavy precipitation event in the eastern continental United States. The U.S. western examples (westus_) show results for a period of heavy precipitation at the end of November 2012 into early December 2012.

For more information, please contact:

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National Service Change Notices are online at:

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

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