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PNSWSH

Service Change Notice 13-55 Amended  
National Weather Service Headquarters Washington DC  
345 PM EDT Tue Sep 22 2013

To:           Subscribers:  
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From:         Kevin McCarthy  
              Acting Director, Weather Prediction Center

Subject: Amended: Application of Downscaling to WPC 5 km Deterministic  
Quantitative Precipitation Forecasts: Effective October 23, 2013

Amended to change effective date to October 23, 2013, due to significant  
computer challenges.

Effective October 23, 2013, at 1800 Coordinated Universal Time (UTC), the  
National Centers for Environmental Prediction's (NCEP's) Weather  
Prediction Center (WPC) will implement downscaling to five 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 World Meteorological Organization (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/](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 (CONUS). 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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