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PNSWSH

Technical Implementation Notice 11-34  
National Weather Service Headquarters Washington DC  
220 PM EDT Thu Jul 21 2011

To:           Subscribers:  
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From:        Geoff DiMego  
              Chief, Mesoscale Modeling Branch  
              NCEP/Environmental Modeling Center

Subject: Termination of NCEP's Regional Spectral Model for Hawaii:  
Effective September 13, 2011

Effective Tuesday, September 13, 2011, with the 1200 Coordinated Universal Time (UTC) cycle, the National Centers for Environmental Prediction (NCEP) will stop running the Regional Spectral Model (RSM) for Hawaii and discontinue all output products from this model run.

A Public Information Statement (PNS) was issued on May 23, 2011, requesting comments on the proposed termination of the RSM for Hawaii. Please see:

[https://www.weather.gov/media/notification/pdfs/pns11rsm\\_removal.pdf](https://www.weather.gov/media/notification/pdfs/pns11rsm_removal.pdf)

Based on the responses received, the decision was made to terminate the RSM run and associated output products for Hawaii.

The RSM is a hydrostatic limited-area atmospheric model using a spectral method for horizontal advection. It is run to 48 hours twice daily over Hawaii with an equivalent grid spacing of 10 km on 42 levels.

The table below lists characteristics of the RSM and other current, and imminent, NCEP Operational Products, all of which are based on nonhydrostatic dynamics, and all of which provide similar or better guidance than the Hawaii RSM. More details about the exact grids and products available for each of the items listed in the table below are available at:

[http://www.nco.ncep.noaa.gov/pmb/changes/rsm\\_removal.shtml](http://www.nco.ncep.noaa.gov/pmb/changes/rsm_removal.shtml)

Product	Runs/day	Range	Resolution	Grid
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RSM	2	48 hours	10 km/42 levels	See URL above
NAM	4	84 hours	12 km/60 levels	Grid #182
NAM nest*	4	60 hours	3 km/60 levels	Grid #196

HiResWindow  
WRF-ARW 2 48 hours 5 km/35 levels See URL above  
WRF-NMM 2 48 hours 4 km/35 levels See URL above

\* NAM nest is planned for implementation in August or September 2011. See NWS [Technical Implementation Notice \(TIN\) 11-16](#) for more details on the NAM nest.

If you have questions about this termination, please contact:

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National Technical Implementation Notices are online at:

<https://www.weather.gov/notification/archive>

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