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PNSWSH

Technical Implementation Notice 15-04  
National Weather Service Headquarters Washington DC  
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From: Terrance J. Clark  
Acting Director, Radar Operations Center

Subject: WSR-88D MESO-SAILS Field Test Sites beginning  
May 2015

The Radar Operations Center will conduct a field test of the Multiple Elevation Scan Option for Supplemental Adaptive Intra-Volume Low-Level Scan (MESO-SAILS) function beginning in May 2015. MESO-SAILS enables the operator to select either 1, 2 or 3 supplemental low-level, split-cut scans per volume (VCP 12 and 212 only). When the MESO-SAILS 3-scan option is active, 0.5 degree updates will be available, on average, every 75 to 90 seconds, depending on the Automated Volume Scan Evaluation and Termination (AVSET) angle. The 13 test sites are:

Oklahoma City, OK (KTLX)  
Tulsa, OK (KINX)  
El Paso, TX (KEPZ)  
Dodge City, KS (KDDC)  
Wichita, KS (KICT)  
Goodland, KS (KGLD)  
Raleigh, NC (KRAX)  
Cleveland, OH (KCLE)  
Albany, NY (KENX)  
Charleston, WV (KRLX)  
Morehead City, NC (KMHX)  
Glasgow, MT (KGGW)  
Phoenix, AZ (KIWA)

More information on MESO-SAILS can be referenced in TIN 14-48:

[http://www.nws.noaa.gov/os/notification/tin14-48wsr-88d\\_mesosails.txt](http://www.nws.noaa.gov/os/notification/tin14-48wsr-88d_mesosails.txt)

or on the Radar Operations Center webpage:

<http://www.roc.noaa.gov/WSR88D/NewRadarTechnology/NewTechDefault.aspx>

For questions or comments, please contact:

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National Technical Implementation Notices are online at:

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

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