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PNSWSH

Technical Implementation Notice 16-19  
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From: Terrance J. Clark  
Director, Radar Operations Center

Subject: Change in TDWR Elevation Angles Beginning  
July 18, 2016

The Federal Aviation Administration (FAA) will begin an upgrade to Build 2.0 at all 45 Terminal Doppler Weather Radars (TDWRs) starting about July 18, 2016. The FAA anticipates full deployment will take approximately 2 years. TOKC (Oklahoma City, OK) will be the first site to be upgraded.

Impacts to external users of NWS Supplemental Product Generator (SPG) products are related to changes in elevation angles and scanning strategies:

1. The Long Range reflectivity angle will change and will be different on a site-to-site basis. Previously, all sites used 0.6 degrees.
2. In Volume Coverage Pattern (VCP) 80, there will be an additional 1.0 degree elevation angle each volume scan.
3. When a site is upgraded, the SPG General Status Message (GSM) will report RDA build number 2.

More information on scanning changes related to TDWR Build 2.0 is available online: <http://www.roc.noaa.gov/spg/>

For questions or comments, please contact:

Jessica Schultz  
NWS Radar Focal Point  
Radar Operations Center  
[Jessica.A.Schultz@noaa.gov](mailto:Jessica.A.Schultz@noaa.gov)

National Technical Implementation Notices are online at:

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

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