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PNSWSH

Technical Implementation Notice 16-19
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From: Terrance J. Clark
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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 two 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:

The Long Range reflectivity angle will change and will be different on a site-to-site basis. Previously, all sites used 0.6 degrees.

In Volume Coverage Pattern (VCP) 80, there will be an additional 1.0 degree elevation angle each volume scan.

When a site is upgraded, the SPG General Status Message (GSM) will report RDA build number two.

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:

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National Technical Implementation Notices are online at:

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

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