

RELEASE NOTES

RDA/RPG SOFTWARE UPDATE 24.2

This page lists the enhancement and change information occurring with the Weather Surveillance Radar, 1988 Doppler (WSR-88D) Software Update 24.2 for the Radar Data Acquisition (RDA) and Radar Product Generator (RPG) subsystems.

No operational issues were found during formal testing of this update, but issues found in Build 24.0 formal testing that were NOT fixed in this software update can be found here:

<https://sites.google.com/noaa.gov/rocinternalcommunications/release-notes>

Key Software Update 24.2 enhancements (RDA and/or RPG):

- Increase the Baud Rate of RPG Narrowband Lines 29, 41-44 to meet the needs of users and Level III Central Collection.
- Update Baud Rates of the RPG Supplemental Narrowband line connections to AWIPS to prevent load shedding with more comprehensive RPS lists.
- OS Security Updates.
- VCP reference chart update – VCP 34, under the limitation's column, erroneously stated, "No coverage above 5 degrees." This was corrected to, "No coverage above 4.5 degrees."

Key Software Update 24.2 bug fixes (RDA and/or RPG):

- Disabling of newly added KBOX base tilt (+0.3°) failed with RPG software restart.
- QZDRCAL process incorrectly handling volume restarts.
- "Transmitter Unavailable" sample count alarm increased to 3.
- AME/Receiver Control in System Test Software issue with test signal injection.
- Added base tilt definitions to the staggered PRT VCP template for VCPs 112, 12, and 35 to incorporate disabling base tilt.
- Inconsistent launch of RDA Control/Status window when clicking the Perf Check In button consecutive times.
- Duplication of the "log archive" directory when performing the RDA Backup and Restore process resulted in RDA archive data sizes that exceed the storage capacity of media.