

A-3. NWS Directive 10-911 Archiving Requirements

In October 2005 the Directive 10-911 was implemented. Section 4.8 of this directive covers the archiving responsibilities of the RFCs and includes two lists. The first list is data that **SHALL** (mandatory) be archived and the second list is data that **SHOULD** (highly recommended) be archived. The RFCs will utilize their RAX for storage for much of this data. The two lists are as follows:

Data that SHALL be archived:

- All SHEF encoded real-time data that is stored in the IHFS database shall be archived. All real-time data that is turned on by the location table in the IHFS database shall also be turned on by the RAX database and stored in their corresponding tables. This data includes, but is not limited to, precipitation, stage and discharge data.
- All 1 and 24 hour Quantitative Precipitation Estimates (QPE) files in xmrg format shall be archived.
- All 6 and 24 hour Quantitative Precipitation Forecasts (QPF) files in xmrg format shall be archived.
- All 1, 3 and 6 hour gridded Flash Flood Guidance (FFG) files shall be archived.
- NWSRFS fs5files shall be archived at least weekly.
- NWSRFS mod files shall be archived daily.
- All output from OHD scripts currently run at a RFC shall be archived. These scripts archive tables from the IHFS database that include stage 1 (DPA data, mpe) and p1 (all fields and output files) data, height data, location data, and rejected data.
- Terminal Doppler Weather Radar (TDWR) files shall be archived after they become available on the AWIPS system.
- All rating curves and shifts used by a RFC shall be archived.

Data that SHOULD be archived:

- QPF files sent from the Hydrometeorological Prediction Center (HPC) to a RFC in vgf format should be archived.
- All adjusted and unadjusted ESPTS binary files should be archived.
- All adjusted historical mean areal precipitation and temperature (MAP/MAT) files used for input into ESP should be archived.
- All text products issued by the RFC should be archived. The official archive for products sent across the NWS gateway will be at NCDC.
- Flood Outlook Product (FOP) graphics created by a RFC should be archived.
- All ESP graphics and tables should be archived.