

The Hydrologic Requirements Team, composed of representatives from all National Weather Service regions and national headquarters, have drafted a proposal for data to be archived at all NWS River Forecast Centers. Data does not have to be limited to this list but acts as a baseline of what is to be archived. Data not applicable to a RFC, such as vgf files at Western region locations, should be ignored.

The list is broken up into two sections. The first section is data that **SHALL** (mandatory) be archived and the second data that **SHOULD** (highly recommended) be archived.

Data the SHALL be archived:

- All stored SHEF encoded IHFS databased live data **SHALL** be archived All live data that is turned on by the location table in the IHFS database shall also be turned on by the ADB (archive) 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) **SHALL** be archived

- NWSRFS fs5files files **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.

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 aerial 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.
- All rating curves and shifts used by a RFC **SHOULD** be archived.