

Hydrology Team Status

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Hydrology Team Status

- Recently Completed Teams
- Current Teams
- Team in Transition
- Future Team

Hydrology Team Status

Recently Completed

- RFC Operations Team (OCWWS)
 - Updated status available
 - No change in 24 hour RFC operations recommendation
 - Modification of NWSI under 10-9, specifically 10-911 and 10-921 addressing Outreach, Training, enhancements to Hydrologic Services, and Technology/info sharing.
 - Best practices or actual good service examples between the RFCs and WFOs, provided by Central Region.
 - National FFGIT and CRs FFSIT formed and provided recommendations on technical capability and consistency of FFG.
 - Training opportunities for Service Hydrologists and new hydro courses, including the Flash Flood Workshop at COMET.
 - Potential new position at the RFCs that would serve as the outreach coordinator and member of management team.

Hydrology Team Status Recently Completed

- 10-922 Team (OCWWS-HSD)
 - VTEC – requires major effort to incorporate into RiverPro
 - VTEC recently delayed till Feb.
- APIT Team (OCWWS-HSD)
 - AHPS Web Consistency team – follow on team to implement – update on later slide

Hydrology Team Status

Recently Completed (cont.)

- Flash Flood Guidance Improvement Team (RDM)
 - Recommendations tracked by OCWWS-HSD
 - Presentation given earlier this week
- NDFD Preprocessor Requirements Team (RDM)
 - OHD currently building software for OB5
 - Basic functionality MAT, FMAP
 - Many questions on use of grid info in NWSRFS

Hydrology Team Status

Current Teams

- Digital Services (OCWWS)
 - 4 action teams – operations, infrastructure, training and outreach, planning
 - Short term focus on NDFD
 - Planning team
 - looking at FY07-11 for PPBES
 - Incorporate Hydrology needs
- HPM Conference Agenda Team (OCWWS-HSD)
 - Planning for Dec. 6-10 conference in New Orleans
- VTEC Implementation Team (OCWWS?)
- Test Message Vulnerability Analysis Team (OST?)

Hydrology Team Status

Current Teams (cont.)

- RFC Archive Database Update and Maintenance (RDM)
 - Recently delivered software for OB4
 - Changes to DB for verification software
 - New shefdecoders for raw and processed data
- MPE Operations Team (RDM)
 - Issue: many WFOs do not do QC necessary to keep bias data reasonable – when they do need it, it's not good
 - Team looking for ways to update WFO dbs with the QC'd information from the RFCs

Hydrology Team Status

Current Teams (cont.)

- USGS Rating Curve
 - Goal to serve shifted ratings on a nationally consistent basis from central repository
 - Prototype system working for 10 states (soon to be 14)

Hydrology Team Status

Team in Transition

- AHPS Web Consistency IWT (OCWWS)
 - Initially charged with:
 - Implementation of consistent CR style AHPS web pages nationwide – done Oct. 31, 2003
 - Providing requirements based on APIT report for implementation
 - Recent Work
 - Feb. meeting – plans for FY04 – rsync, stored files, configuration database, new hydrograph generation
 - Hydrograph subteam created set of requirements

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Team in Transition (cont.)

- AHPS Web Consistency IWT (OCWWS)
 - Team Challenges
 - Lack of common infrastructure across region and HQ web farms makes implementation and national support difficult – progress slow
 - New framework proposed
 - OCWWS-HSD gathers national requirements
 - HSD consults with OHD to identify items for phased implementation, works development schedule with OHD
 - OHD works with region implementation reps to implement

Hydrology Team Status

Proposed New Teams

- MPE Operations Concept Team (OCWWS-HSD)
 - May be formed to answer questions of how should MPE be used/maintained at WFOs and RFCs
- RFC Archive Requirements Team (RDM)
 - Funding for national collection of data disappearing
 - What minimum set of data should be archived at each RFC to ensure a useful national dataset?