

An Overview of the NWS National Water Prediction Service (NWPS) Transition

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This spring, the National Weather Service (NWS) will be transitioning water-resources forecasts and information on the web to the National Water Prediction Service (NWPS). The older Advanced Hydrologic Prediction Service (AHPS) has been used since the late 1990s. The legacy AHPS has been rewritten (into the NWPS) to bring web functionality into modern, efficient, and mobile friendly web code. NWPS integrates and expands upon current features of AHPS plus the Office of Water Prediction web services, all while being hosted on a scalable cloud infrastructure. The mobile friendly interface uses geospatial and API driven data services to improve features and user navigation. An overview of the new national map, accumulated precipitation maps, dynamic hydrographs, and probabilistic forecasts will be shown along with the features available on the NWPS Hydrograph page.