

National Water Model Visualizations: System Design and Initial Services

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The National Water Center within the NWS Office of Water Prediction has developed an Enterprise GIS system for processing hydrologic analysis and forecast information from the National Water Model and River Forecast Centers. This comprehensive system represents a significant IT architectural deployment that recently began sharing map services internally among the NWS hydrologic community. These evolving visualization services represent a new generation of water resources information that will engender feedback and can be used for internal situational awareness. This talk will describe the development of the Enterprise GIS system and provide an introduction to the map services being provided.