

The NWS National Winter Weather Program

Eric Guillot

Winter Program Manager

Severe, Fire, Public, and Winter Weather Services Branch

Analyze, Forecast, and Support Office

The National Weather Service (NWS) National Winter Weather Services Program, part of the Analyze, Forecast, and Support (AFS) Office at NWS Headquarters in Silver Spring, MD, is dedicated to supporting forecasters in delivering consistent, probabilistic, and impact-based winter weather forecasts from the national to the local level. The program collaborates with other NWS portfolios to facilitate testing, evaluation, training, and policy development through an integrated research-to-operations process. Recent efforts have centered on advancing probabilistic and impact-based approaches to winter weather forecasting. This presentation will provide an overview of the operational and experimental winter weather products, including recent updates, and will highlight ongoing initiatives aimed at enhancing forecast accuracy and the quality of services provided to stakeholders.