



# WEATHER PREDICTION CENTER

 NOAA Center for Weather and Climate Prediction  
College Park, Maryland

## Our Mission

To **synthesize the nation's daily weather story** and champion the operational prediction of **rain storms, winter storms, and extreme temperature events** for the protection of life and property.

## Our Vision

To be the foundation for impact-based decision support, providing meteorological expertise and service that supports critical decisions.



Prediction of extreme rainfall with products like the Excessive Rainfall Outlook and Quantitative Precipitation Forecasts, and efforts such as the Flash Flood and Intense Rainfall Experiment



Prediction of winter storms with products like the Winter Storm Severity Index, Winter Storm Outlook, and Winter Storm Key Messages and efforts such as the Winter Weather Experiment



Prediction of extreme temperature events with products like Probabilistic Heat Index Forecasts, a suite of Medium Range Forecast Products, and Temperature Anomaly and Record Information