

Andrew Hagen

Hurricane Specialist National Hurricane Center

Andrew Hagen is the newest hurricane specialist within the National Hurricane Center's (NHC's) Hurricane Specialist Unit. Prior to joining the unit in December 2023, Hagen was a marine forecaster in NHC's Tropical Analysis and Forecast Branch (TAFB) since 2018. His National Weather Service career began in 2016 at the Weather Forecast Office in Miami.

He received his Bachelor of Science Degree in Meteorology from Pennsylvania State University (2008) and his Master of Science Degree in Meteorology and Physical Oceanography from the University of Miami's Rosenstiel School of Marine and Atmospheric Science (2010).

During the last few years, Hagen served as TAFB's subject matter expert on tropical cyclone Dvorak satellite intensity estimates. He led the planning team for the 2023 Mariner's Weather Hazards Workshop, which provided education and weather awareness techniques to over 150 mariners. Hagen also served a temporary detail assisting the NWS Tropical Program in developing a roadmap for NWS Product and Service Enhancements.

During his high school and college undergraduate years, Hagen spent the summers working at the Hurricane Research Division of NOAA, investigating topics that included the TRMM satellite, Saharan Air Layer, and rapid intensification of tropical cyclones.



Hagen was an operational meteorologist for StormGeo, a private company, from 2012-2016. He was responsible for issuing forecasts on a variety of weather hazards for multiple marine, coastal and inland customers and providing decision support services, primarily for tropical cyclone hazards.

During graduate school, Hagen worked on the Atlantic Hurricane Reanalysis Project, reanalyzing the 1944 through 1953 hurricane seasons – the first decade of aircraft reconnaissance.

Hagen is an author of four Atlantic Hurricane Reanalysis Project papers that were published in the Journal of Climate. He has given numerous conference presentations – mainly on tropical cyclone-related topics. He is a member of the American Meteorological Society.



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