Andrew Hagen

Meteorologist

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Andrew Hagen is a meteorologist with the Tropical Analysis and Forecast Branch of NOAA's National Hurricane Center (NHC) in Miami, Florida.

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 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.

During graduate school, Hagen worked on the Atlantic Hurricane Reanalysis Project, reanalyzing the 1944-53 hurricane seasons – the first decade of aircraft reconnaissance.

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.

Hagen began his National Weather Service career in 2016 with the Weather Forecast Office in Miami, and accepted the position of meteorologist with TAFB in August 2018.

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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