

Evelyn Rivera-Acevedo

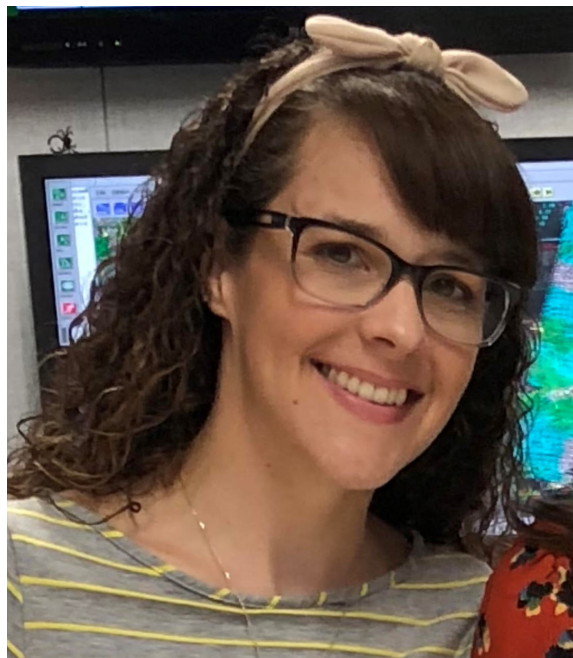
Meteorologist – Tropical Analysis and Forecast Branch National Hurricane Center

Evelyn Rivera-Acevedo is a Meteorologist with the Tropical Analysis and Forecast Branch (TAFB) of NOAA's National Hurricane Center (NHC) in Miami, Florida.

She earned a Bachelor of Science degree in Theoretical Physics from University of Puerto Rico Mayaguez Campus (UPRM) in 2004. While there, Evelyn participated in multiple summer programs with a focus in meteorology. She was part of the first internship program from UPRM to be sent to the National Weather Service (NWS) Forecast Office in San Juan, PR, and was a Student Intern there. Evelyn moved to Melbourne, Florida, in late 2004 to study meteorology as a full-time Master's Degree student at the Florida Institute of Technology (FIT). While there, she completed the hours of her internship at the NWS Forecast Office in Melbourne and was working as a full-time Hydrometeorological Technician.

Evelyn earned a Master of Science degree in Meteorology in December 2006 from FIT, and became a full-time Meteorologist Intern at the NWS Forecast Office in Miami quickly after graduation in January 2007. Her duties included the quality control of surface weather observations and the release of the daily weather radiosonde. She became a member of the team in charge of the Graphical Forecast Editor (GFE) software. This program is used by NWS to create and disseminate the weather forecasts to the public. She was also the editor of the local Newsletter, which was issued seasonally.

In August 2014, Evelyn joined the National Hurricane Center's Tropical Analysis and Forecast Branch (TAFB) as a Surface Analyst. She continued to be part of the



team in charge of GFE and becoming more involved in computer programming. As a fluent Spanish-language speaker, she has assisted the NHC hurricane specialists with coordinating tropical cyclone watches and warnings with foreign meteorological offices where Spanish is the spoken language.

In January 2021, Evelyn was promoted to Meteorologist in TAFB. Her duties include forecasting for ocean-going vessels in the Gulf of Mexico, Caribbean Sea, and the tropical and sub-tropical waters of the western Atlantic Ocean and eastern Pacific Ocean. As tropical systems develop across the Atlantic and Eastern Pacific basins, she conducts Dvorak satellite analyses of tropical cyclones.

Outside of weather, Evelyn enjoys fitness and has been an aerobics instructor since 2009.



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