

Stephen Konarik

Senior Marine Meteorologist National Hurricane Center

Stephen Konarik is a Senior Marine Meteorologist at the Tropical Analysis and Forecast Branch (TAFB) of NOAA's National Hurricane Center in Miami, Florida.

A native of Texas, Konarik received both a Bachelor of Science degree in Meteorology and Bachelor in Science in Environmental Studies from Iowa State University (2004) followed by a Master of Science Degree in Atmospheric Science from North Carolina State University (2006). His research emphasis was air quality forecasting and he presented a thesis on the impacts of agricultural ammonia emissions on North Carolina and the greater southeastern United States.

Konarik began his NOAA career shortly thereafter as a Hydrometeorological Intern at the National Weather Service Weather Forecast Office (WFO) in Atlanta, Ga. He became a General Forecaster at the Baltimore/Washington WFO in 2008. There he headed the flash flood program which provides weather watches and warnings to alert emergency managers, the media, and public customers of the risk or occurrence of flash flooding across portions of a 3-state area and the District of Columbia.

Additionally, he was co-leader of the tropical weather program for the office; having spent several occasions embedded in state-level emergency operations centers during tropical events.

Konarik moved to Miami in 2012 to become a Senior Forecast at the Miami WFO Office. He led its tropical weather program, ensuring the staff had the skills necessary to effectively communicate tropical risks to South Florida officials, residents and visitors. He also led the severe weather program to



help educate staff on the predictability of large hail, damaging winds & tornadoes. He was also involved in the decision-support services, diversity, student volunteer, and the SKYWARN instructor programs.

Konarik joined TAFB as a Senior Marine Meteorologist in 2018. His 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. Other responsibilities include conducting Dvorak satellite analyses of tropical cyclones, and outreach to mariners. Konarik serves as the lead liaison between TAFB and the United States Coast Guard and NOAA partners. He oversees the issuances of spot forecasters for marine partners and participates in the graphical products, social media, and web design teams.



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