

Coastal Weather Network

USCG Partnership and Data Access

In 2008, The United States Coast Guard and WeatherFlow* entered into a public/private partnership resulting in a network of reliable, high-quality weather data collected from highly exposed coastal locations. **Today, WeatherFlow's coastal network has grown to more than 550 stations**, many of which are collecting data from the waterways where incidents happen.

*Now known as WeatherFlow-Tempest, Inc. and its affiliate company WFn Holdings, Inc., but collectively still called WeatherFlow.

For more information, data access, and questions, contact:

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All USCG assets can request and receive access to WeatherFlow data via web and mobile applications



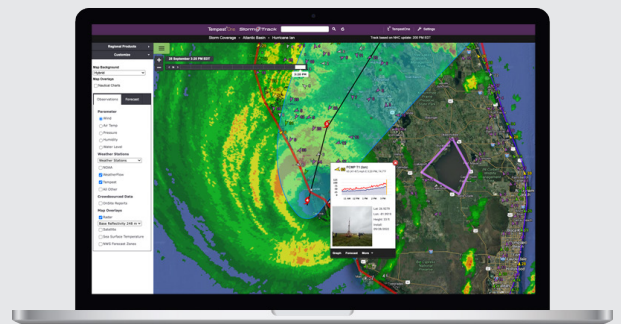
This data is heavily utilized by NOAA for forecasts and warnings which, in turn, are crucial for USCG missions



WeatherFlow seeks USCG input on additional sensor locations and customizing the data viewer for its needs

“We have had several Search and Rescue cases where [WeatherFlow data] has been an indispensable asset to this unit. ...it gives real wind speeds on the water, not over land.”

—BM1 Chris Woolard
Executive Petty Officer
USCG Station Cape Charles, VA



Data Access

WeatherFlow sensor data is available through the USCG SAROPS environmental data server. In addition, WeatherFlow provides the USCG access to WeatherFlow's professional data viewer. This viewer — known as TempestOne — is available as a web application for both desktop and mobile. Features include WeatherFlow's real-time weather stations plus over 80,000 additional premium and publicly-available weather stations, nautical charts, HD radar, high-resolution forecast models, real-time and forecast wind alerts, archived wind data, and more.