

Florida Severe Weather Mesonet Application - Phase 7 (2025-2026)

General Information

The Florida Division of Emergency Management (FDEM) will be accepting applications for Phase Seven (7) of the Florida Severe Weather Mesonet Project (FSWN), operated by WeatherSTEM. The purpose of this project is the expansion and sustainment of the statewide mesonet, including the purchase and installation of thirty (30) water level sensors. These sensors will collect and report water levels, critical for emergency decision support; this allocated amount will feature a five-year equipment maintenance contract for each sensor. This funding will also provide for the purchase of forty-one (41) weather monitoring stations, installation costs, and a three-year equipment maintenance contract for data storage and software development, effective on the date of installation of each station. The stations will collect atmospheric data and camera images every minute and upload the vital information to an emergency management dashboard/platform via cellular communications, allowing them to report during severe weather events. The FSWN project will prioritize areas that have not previously received stations from earlier phases, and locations that lack water level monitoring in either coastal, riverine/lake, or urban interfaces.

Application Process

To apply for the FSWN Project, please complete the application below to include specific information for each requested weather monitoring station or water level sensor. Please include a brief summary of the method to pay for weather monitoring station maintenance years four (4) through ten (10) of the project or years six (6) through ten (10) for the water level sensor, as written in the Memorandum of Agreement. Additionally, a justification for the proposed installation location and the benefit it would serve the mesonet must be provided for each station. If this application is intended for requesting a water level sensor, please fill out the necessary fields below including the capability and method of performing an accurate site survey to establish a vertical datum reference for the proposed installation location.

Once completed, email the signed Memorandum of Agreement and Application to the Contract Manager, Caitlyn Gillespie at Caitlyn.Gillespie@em.myflorida.com.

Applicant Information

Primary Contact:

Secondary Contact:

Organization Type:

County

☐ **City**

Nonprofit Organization

Other:

Phone Number:

Email:

Total Number of **Weather Monitoring Stations** Requested:

Method for Future Funding (Years 4-10 of Weather Monitoring Station)

Total Number of **Water Level Sensors** Requested:

Capability to Perform an Accurate Site Survey / Vertical Datum Reference

Yes, the requesting entity has the necessary tools and equipment to accurately perform a site survey and establish the location(s) vertical datum in NAVD88.

No, the requesting entity does not have the necessary tools and equipment to accurately perform a site survey.

Method for Accurate Site Survey for Prospective Water Sensor Location:

Method for Future Funding (Years 6-10 of the Water Level Sensor)

Specific Station Request Information

This portion of the application is to detail each requested unit including: unit type, location (address and city) and a justification for each respective installation location. The justification should speak to the benefit for the FSWN of strategically placing a weather monitoring station or water level sensor at the location. Each unit is given a unique number for tracking purposes, starting at 1 and ascending.

Unit Number

Facility/Location Name

Street Address

City

Benefit to Public Safety

1			
Unit Number	Facility/Location Name	Street Address	City
2			
	Benefit to Public Safety		
Unit Number	Facility/Location Name	Street Address	City
3			
	Benefit to Public Safety		
Unit Number	Facility/Location Name	Street Address	City
4			
	Benefit to Public Safety		
Unit Number	Facility/Location Name	Street Address	City
5			
	Benefit to Public Safety		
FDEM USE ONLY			
Application Reviewed:		Application Review Date:	
Approved Number of Units (Include Unit Type):			
Approved Unit Locations:			
MOA Execution Date:			