

Florida Severe Weather Mesonet Application - Phase 5 (2023-2024)

General Information

The Florida Division of Emergency Management (FDEM) will be accepting applications for Phase Five (5) of the Florida Severe Weather Mesonet Project, operated by WeatherSTEM Inc. The purpose of this project is the expansion and sustainment of a statewide mesonet. This funding will provide for the purchase of forty (40) 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 Division's Mesonet Project will prioritize areas that have not previously received stations from earlier phases.

Application Process

To apply for the Florida Severe Weather Mesonet Project, please complete the application below to include specific information for each requested weather monitoring station. Please include a brief summary of the method to pay for unit maintenance years four (4) through ten (10) of the project, or until the end of the unit lifespan, 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.

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:	Brandon McKee, District Chief
Secondary Contact:	Richard E. Stover, Fire Chief
Organization Type:	<input type="checkbox"/> County <input checked="" type="checkbox"/> City <input type="checkbox"/> Nonprofit Organization <input type="checkbox"/> Other <div style="float: right; margin-top: -15px;">Please Specify: <input style="width: 150px;" type="text"/></div>
Address:	899 Carlyle Ave SE Palm Bay, FL 32909
Phone Number:	(321) 468-5568
Email:	Brandon.McKee@PalmBayFlorida.org
Total Number of Units Requested:	3
Method for Future Funding (Years 4-10 of Project)	Funding will be allocated from the general fund, and budgeted appropriately for years 4-7.

Specific Station Request Information

This portion of the application is to detail each requested unit including: location (address and city) and a justification for each respective installation location. The justification should speak to the benefit for the Florida Severe Weather Mesonet of strategically placing a weather monitoring station 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
1	Palm Bay PD Training	620 Hurley Blvd SW	Palm Bay
	Benefit to Public Safety		
	The location of the weather station will allow for monitoring of weather coming East of the St Johns River and will give real time data for weather moving into populated areas such as Melbourne, Palm Bay and surrounding areas.		

Unit Number	Facility/Location Name	Street Address	City
2	Fred Poppe Regional Park	1951 Malabar Rd NW	Palm Bay
	Benefit to Public Safety		
	The location of the weather station will allow for monitoring of weather coming East of the St Johns River and will give real time data for weather moving into populated areas such as Melbourne, Palm Bay and surrounding areas. This is a secondary location as an alternative to Location #1.		

Unit Number	Facility/Location Name	Street Address	City

3	SE Palm Bay	Babcock St and St. Johns Heritage Pkwy.	Palm Bay
	Benefit to Public Safety		
	This location is seeing rapid growth and population increases. This weather station will serve the Southern Brevard County area. Exact location to be determined depending on mounting hardware.		
Unit Number	Facility/Location Name	Street Address	City
4	Castaways Point Park	2990 Bay Blvd NE	Palm Bay
	Benefit to Public Safety		
	This weather station will monitor weather conditions in NE Palm Bay and the Indian River. This location will provide data from Sea-Breeze type weather as it comes into the mainland.		
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:			
Approved Unit Locations:			
MOA Execution Date:			