

## **Product Description Document (PDD) Experimental Gulf Stream Forecast Webpage**

### Part 1: Mission Connection

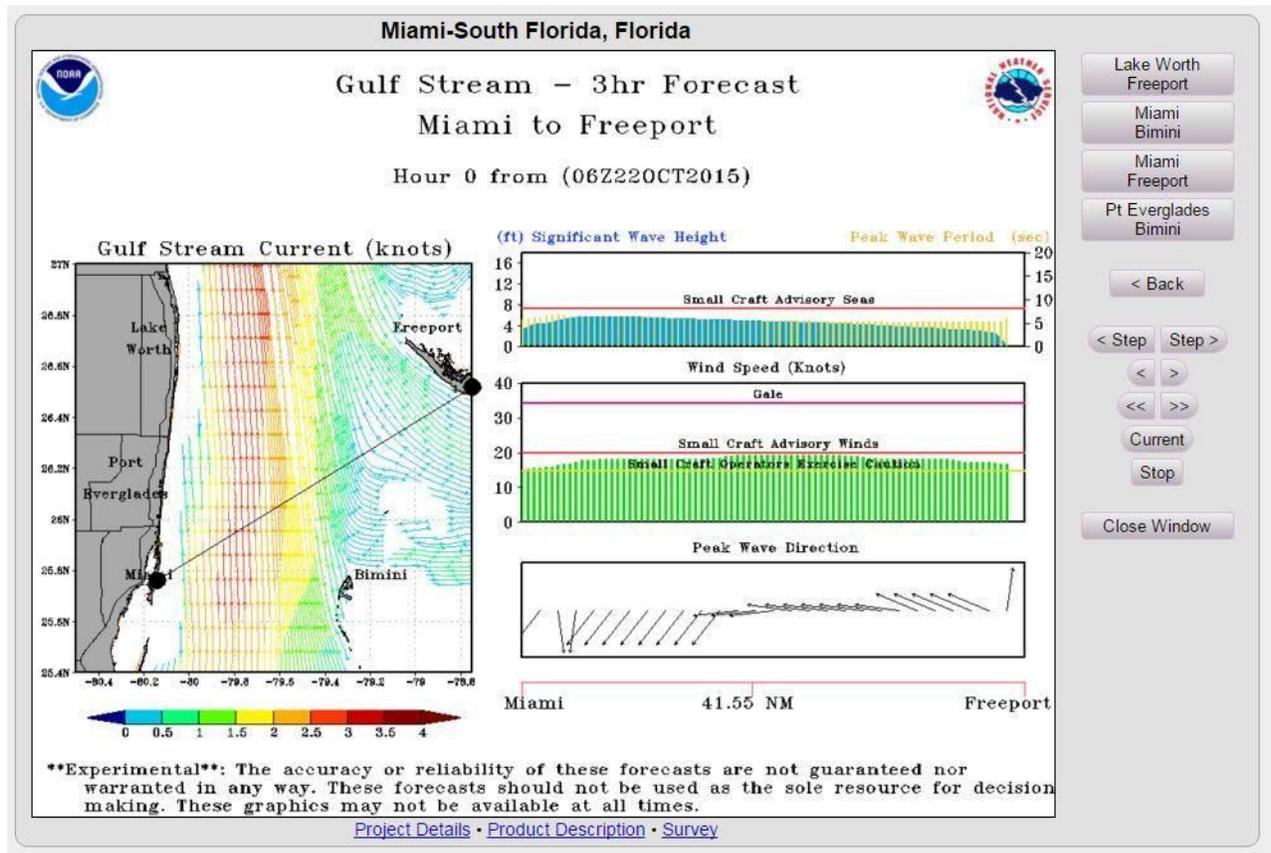
- a. **Product Description:**  
The Gulf Stream Forecast Webpage is a 3 hourly forecast for areas along the Gulf Stream as output from the Nearshore Wave Prediction System (NWPS) model locally run from the Weather Forecast Office (WFO) in Miami (MFL). The graphic display shows the Gulf Stream current, significant wave height, wind speed, and peak wave period and direction in graphical formats. There are 4 separate geographical areas, and all the graphs can be stepped in time or looped on the webpage.
- b. **Purpose/Intended Use:**  
The purpose of this webpage is to provide customers and partners with a quick, easy, and efficient method to review the ocean conditions for the Gulf Stream in WFO Miami's area of responsibility.
- c. **Audience:**  
The Gulf Stream Forecast Webpage can be used by the public, coast guard, emergency managers, media partners, mariners, and the private sector.
- d. **Presentation Format**  
The graphics will be in a graph format. These files can be viewed at  
  
[http://polar.ncep.noaa.gov/nwps/nwpsloop.php?site=MFL&loop=Miami\\_Bimini&cg=1](http://polar.ncep.noaa.gov/nwps/nwpsloop.php?site=MFL&loop=Miami_Bimini&cg=1)
- e. **Feedback Method:**  
Comments will be solicited through December 31, 2019 . At the end of the comment period, if feedback is favorable, the product will be evaluated for expansion to other WFOs in the vicinity of the Gulf Stream.

Survey link: [https://www.surveymonkey.com/r/Gulf\\_Stream](https://www.surveymonkey.com/r/Gulf_Stream)

### Part 2 – Technical:

- a. **Format and Science Basis:**  
The graphics are built in portable network graphic (.png) format from output generated by the Nearshore Wave Prediction System.
- b. **Availability**  
The service will be available 24 hours a day, 7 days a week by visiting the webpage at [http://polar.ncep.noaa.gov/nwps/nwpsloop.php?site=MFL&loop=Miami\\_Bimini&cg=1](http://polar.ncep.noaa.gov/nwps/nwpsloop.php?site=MFL&loop=Miami_Bimini&cg=1). The graphics will update at least twice a day and more often during rapidly changing weather conditions.

c. Additional Information:



Additional Information may be obtained by contacting the NWS Miami office:

National Weather Service  
11691 SW 17<sup>th</sup> Street  
Miami, FL 33165

Pablo Santos, Meteorologist in Charge) MIC at WFO MFL: [Pablo.Santos@noaa.gov](mailto:Pablo.Santos@noaa.gov) or 305-229-4500