

## Storm Surge

The Sea, Lake and Overland Surges from Hurricanes (SLOSH) model is a computerized numerical model developed by the National Weather Service (NWS) to estimate storm surge heights resulting from historical, hypothetical, or predicted hurricanes by taking into account the atmospheric pressure, size, forward speed, and track data. These parameters are used to create a model of the wind field which drives the storm surge.

### Coverage Area

- U.S. Atlantic and Gulf of Mexico coastlines, Hawaii, Puerto Rico, Virgin Islands, and the Bahamas

### Report Details

We enhance your data with attributes you can view, filter by and export:

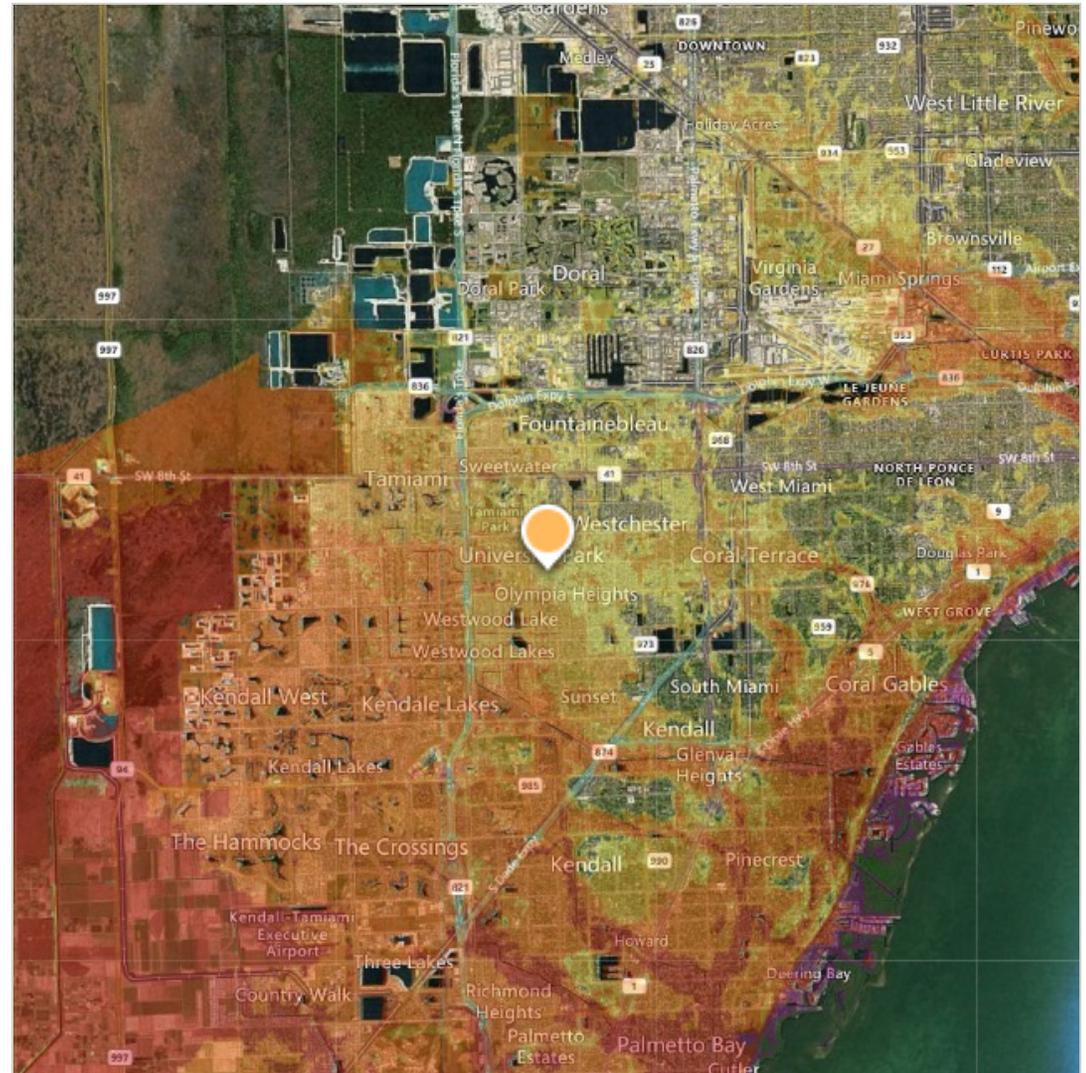
- Overall Rank
- Category 5
- Category 4
- Category 3
- Category 2
- Category 1
- Minimum Category Affected

### Overall Rank Categories

- Minimum Category 1
- Minimum Category 2
- Minimum Category 3
- Minimum Category 4
- Minimum Category 5

### Multiple Visualization Layers

- Category 5
- Category 4
- Category 3
- Category 2
- Category 1
- Combined



Learn more about NOAA at:  
<https://www.nhc.noaa.gov/surge/>

