



NASA/NOAA GOES Project

Hurricane Preparedness

Roux Library

Agenda

- **Before**
 - Items to have in an emergency pack
 - Hurricane terminology
 - Understanding evacuation routes
- **During**
 - Apps and tools to stay informed
- **After**
 - Getting federal or local assistance
 - Safety tips
 - Ways you can help

What would you pack?

To go to a shelter?

To evacuate somewhere else?

To shelter in place?



What would you pack?

Water

Can opener

Phone charger

Extra keys

Food

Local maps

Moist towelettes

Blankets

Flashlight

Medications

Paper towels

Pillows

Batteries

Pet food

Paper & pencil

Books or games

First aid kit*

Cash

Dust mask

Insect repellent

Weather radio

Matches

Hardware or

Knife

Whistle

Documents*

Basic tools

Duct tape

Having a Plan

- Florida Southern College Hurricane Plan
- In the days leading up to a storm many stores will run out of water and other emergency supplies very quickly. This is too late to begin preparing!



Types of Warnings and Storms

Advisory

A weather advisory is the message given to the public about a severe storm. The advisory will keep you updated about which locations are actually under watch or warning as the storm and information develops.

Tropical Storm Watch

A Tropical Storm Watch is an announcement that a specified area might be in danger of tropical storm damage in 48 hours or less.

Tropical Storm Warning

A Tropical Storm Warning is an announcement that a tropical storm is moving into a specified area, expected to hit within 36 hours.

Types of Warnings and Storms

Hurricane Watch

A Hurricane Watch is an announcement that a specified area might be in danger of hurricane damage in 48 hours or less.

Hurricane Warning

A Hurricane Warning is an announcement that a hurricane is moving into a specified area, and is expected to hit within 36 hours.

Extreme Wind Warning

An Extreme Wind Warning means that winds of greater than 155 miles per hour are expected to hit the area within 1 hour.

Storm Strength

Category	Wind speeds
Five	157+ mph
Four	130-156 mph
Three	111-129 mph
Two	96-110 mph
One	74-95 mph

Storm Strength



Evacuating

- When to evacuate?
 - Evacuations may be ordered, especially in counties along the coasts.
- Some counties have designated evacuation zones.
 - It is important to know your zone in determining whether an evacuation has been ordered or recommended.
- You can find your zone and a map of evacuation routes here: <https://www.floridadisaster.org/planprepare/disaster-preparedness-maps/>

Weather radios

Battery

SAME (Specific Area Message
Encoding)

Type of alerts

NOAA logo



During the Storm



Hurricane Mythbusters

Will you survive during the storm?

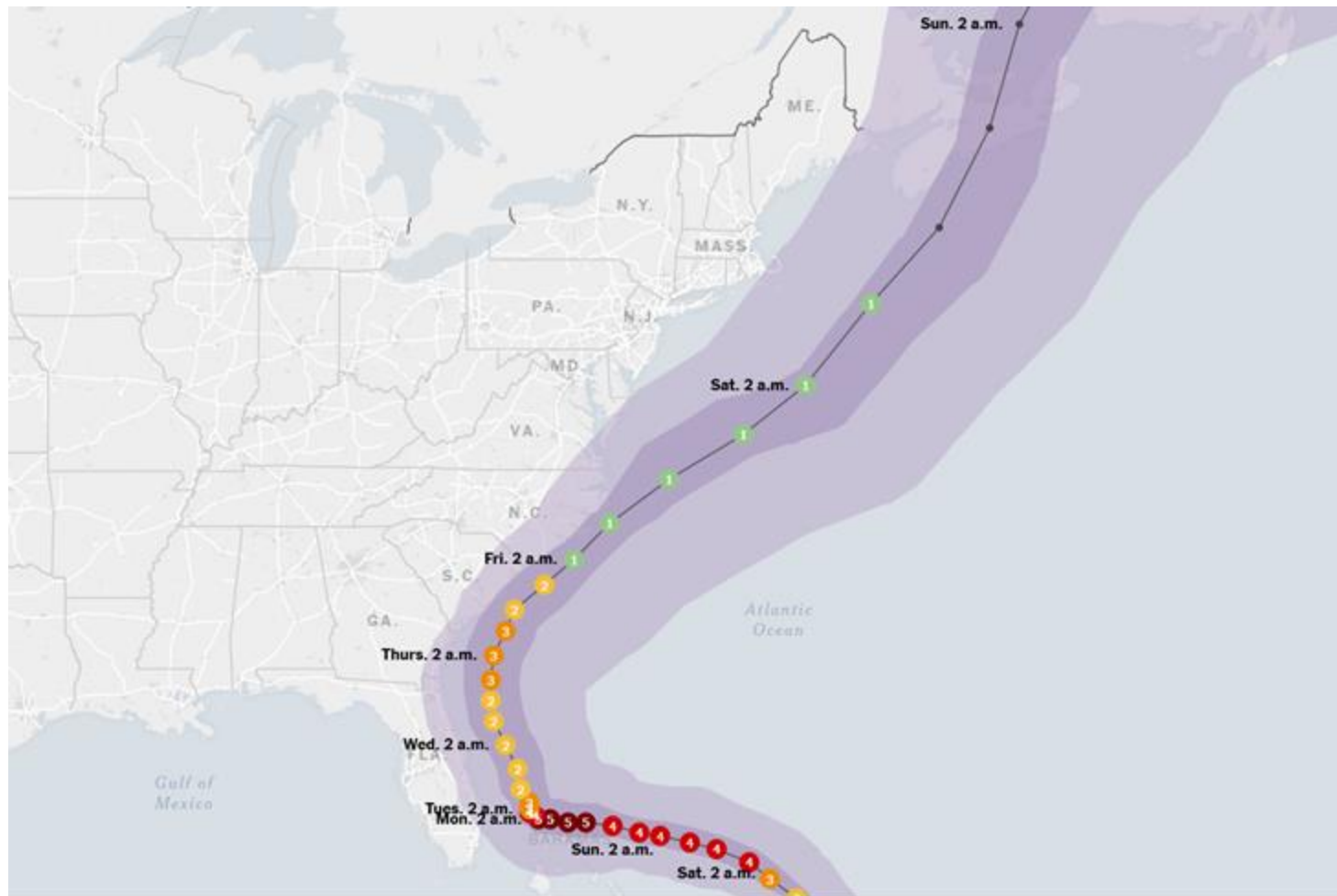
Free Apps & Other Tools

- Windy.com <https://www.windy.com/>
- GasBuddy <https://www.gasbuddy.com>
- National Hurricane Center <https://www.nhc.noaa.gov/>
- WSVN Hurricane Tracker <https://wsvn.com/hurricane-tracker-app/>
- My Radar (Play/App Store)
- Max Mayfield Hurricane Tracker (Play/App Store)
- Tropical Tidbits <https://www.tropicaltidbits.com/>
- Hurricane Track <https://hurricanetrack.com/>

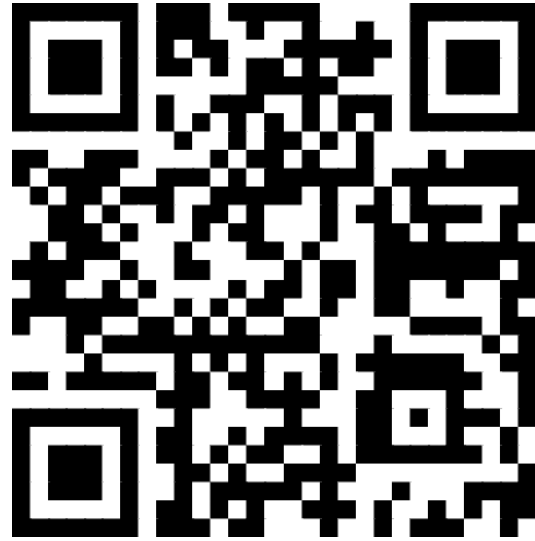
Understanding Projections



Understanding Projections



After the Storm



<https://libguides.flsouthern.edu/hurricanes>