

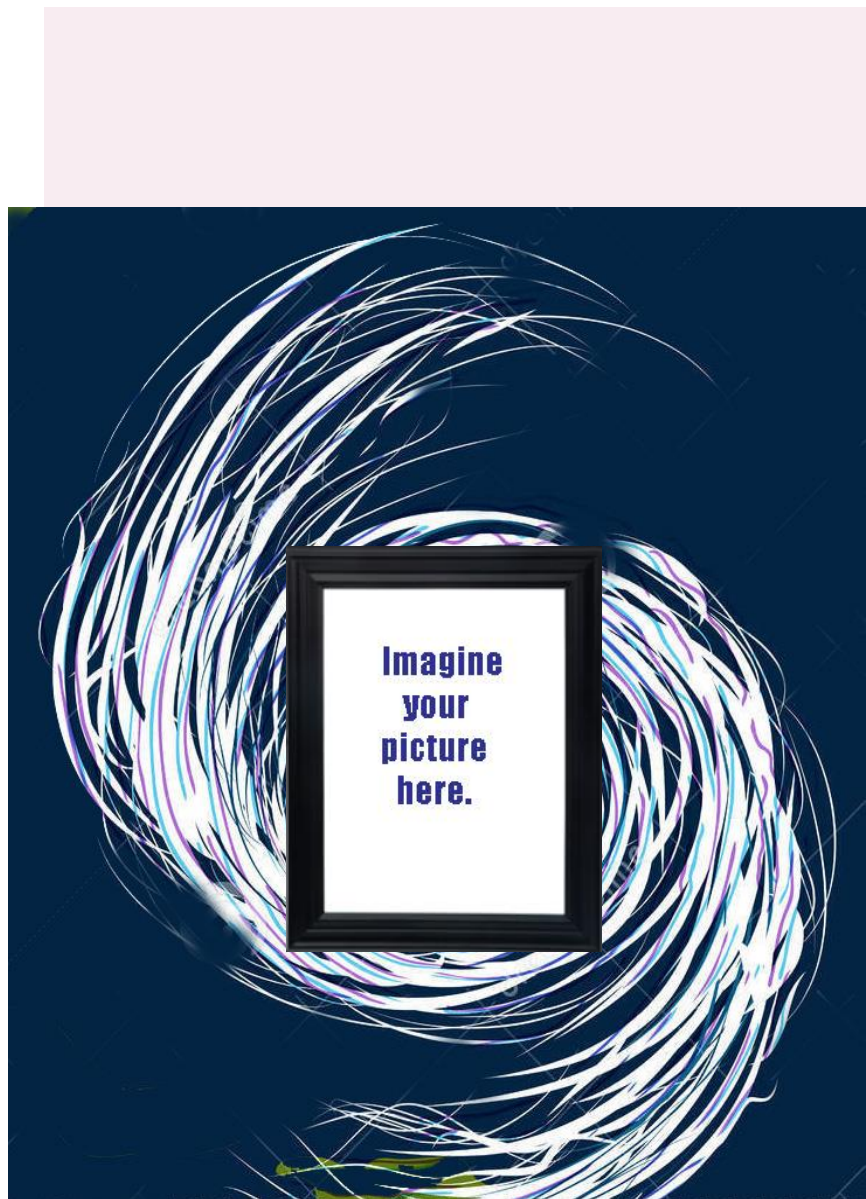


**Get Hurricane Smart  
E CURRICULUM!**

**You gotta KNOW the FACTS  
so you KNOW how to ACT-  
What to DO, What to WATCH,  
Where to GO!**

# SMART SESSIONS

- 1 Get WEATHER-Smart / Get NHC Smart
- 2 Get STORM SURGE-Smart
- 3 Get Place-Wise
- 4 Get PREP-Smart
- 5 Get Water Safe!





# Call to Action: Step, Get Ready, Respond!

Step UP, Get READY, RESPOND, right NOW!

Step UP, get READY – We'll show you HOW.

You gotta **KNOW** the FACTS

so you KNOW how to **ACT-**

What to **DO**, what to **WATCH**,

Where to **GO!**:



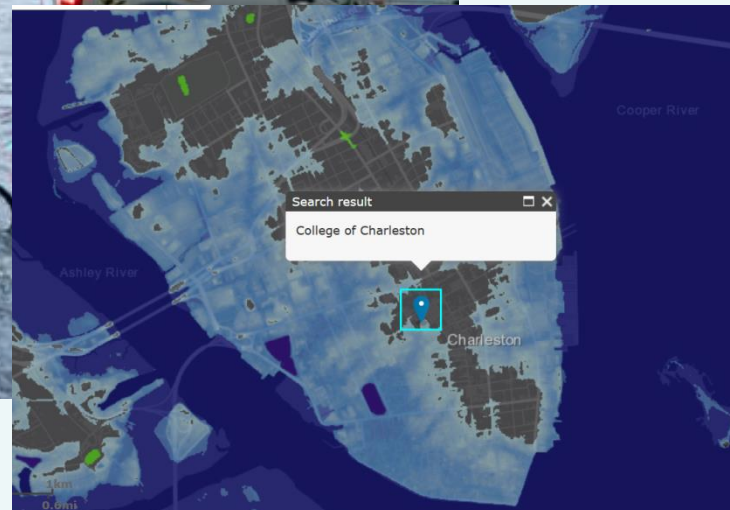
# Three Questions

1. What you gotta **NOTICE**?
2. What you gotta **KNOW**?
3. What you gotta **DO** with the **INFO**?

You gotta be **RESILIENT**!  
You gotta **SURVIVE**!  
Know what to **DO** to keep yourself  
**ALIVE**!



**FLASH  
FLOOD  
WATCH**





# How Hurricane “SMART” are

**VOT!**  
**Kahoot!**



**Here's how to find out!**

**Click on the video link  
above and follow the  
directions given by  
Morningside Middle  
students.**

**To practice on your own  
later, so that you can  
also become a Weather  
Ready Ambassador,  
just click on the  
Hurricane image here!**



**If you're a teacher,  
here's the direct link to  
the Kahoot test!**

# What *CAN* we find out ahead of time?

What makes a hurricane **STRONGER**  
and its damage worse?

What makes it weaker?

What is its  
behavior like?

What conditions and place  
traits will make storm surge worse?

Is its behavior changing?

How fast is it traveling?

Can you find and interpret  
**National Hurricane Center**  
(NHC) graphics?

In what direction  
is it traveling?

How much time  
do we have  
to get ready?

How **VULNERABLE** is my family?

How can we protect  
ourselves and others?

# Get WEATHER Smart! (Step Up)

**You gotta CHECK the WEATHER**

**THREE TIMES A DAY.**

**If it's gonna FLOOD, you SHOULDN'T STAY!**

**If there's a FLOOD WATCH, you'd better**

**GET READY;**

**Before you know, it could be**

**Raining like confetti!**

**In a FLOOD WARNING,**

**be prepared to GO.**

**Get your self OUT**

**before the water starts to FLOW!**



*Photo courtesy Jared Bramblett*



# Get NHC Smart!

**You gotta CHECK the WEATHER  
AND the NHC.**

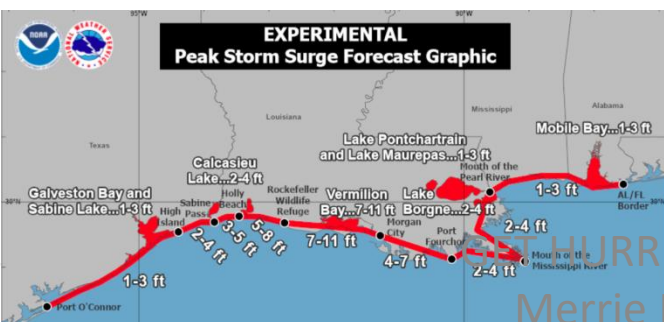
## Tropical Storm Graphics predict what might be.

**The CONE may be uncertain,**  
**but YOU shouldn't be.**  
**Learn to speak "weather" and**  
**be READY!**

## Category 4?

### What does THAT mean?

**BIG WINDS are coming.  
CLEAR THE SCENE!**





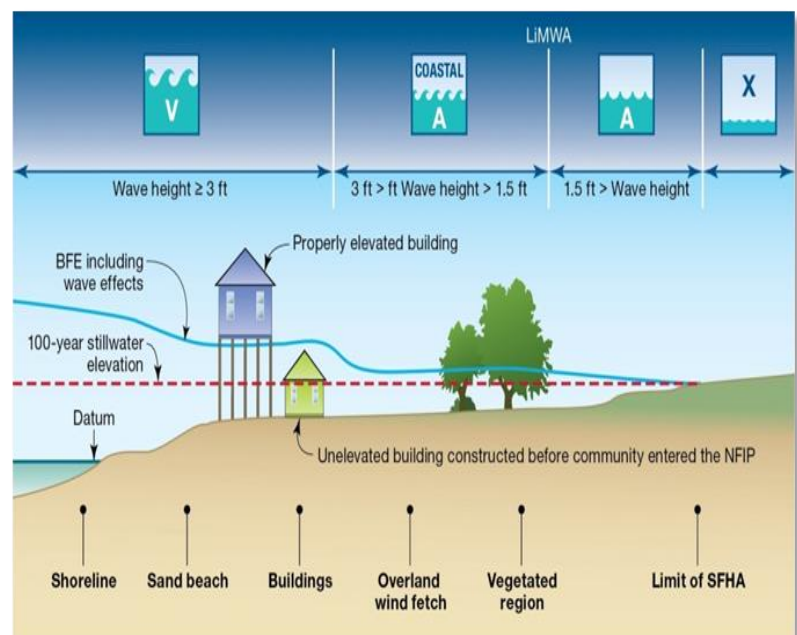
# Get PLACE Smart!

You gotta STEP UP – and keep the DRAINS CLEAR.

Know the flood spots if you're gonna LIVE HERE.

When does it flood, and when is it clear?

A flooded street is NO place to wade. Keep yourself from DROWNING in a germ parade.



# Get STORM SURGE Smart!

You gotta notice the MOON.

You gotta notice the TIDES.

You gotta be prepared if the  
waters RISE.



As the MOON moves, it pulls the  
water, too;

Making **highest Tides** at  
**FULL** and **NEW**.

TIDE CHARTS, FORECASTS,  
LANDMARKS,  
APPS –

Gotta check them out  
So you don't get **TRAPPED!**



**HERE ARE SOME STORM  
SURGE SIMULATIONS:**

Number 1

Number 2

Number 3 (from NOAA)

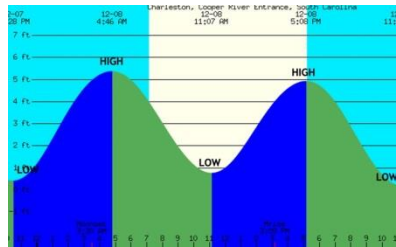
# The Big Bad FIVE:

## Factors that Make Storm Surge THE WORST

**FULL or NEW MOON**



**HIGH TIDE**



**RAIN BOMB**



**STRONG ONSHORE WIND**



**A FILLED AND PAVED WETLAND** (Wetlands store storm water.)

**Can you replicate this Storm Surge Fast Draw?**



# Get PREP Smart!

Are you living in a FLOOD PRONE ZONE?  
ARE you gonna have to LEAVE your HOME?

Where is the BUS STOP to take you to a SHELTER?  
What you gonna DO when we have bad WEATHER?

To avoid a CRISIS, you gotta make a PLAN;  
Know what to do and UNDERSTAND.

Use your HEAD.  
Know your ROUTE;  
And STAY TOGETHER if you have to  
GET OUT!

You gotta KNOW the FACTS –  
So you KNOW how to ACT –  
What to DO, what to WATCH,  
where to GO!

TIDE CHARTS, FORECASTS,  
LANDMARKS,  
APPS –  
Gotta check them out  
So you don't get TRAPPED!

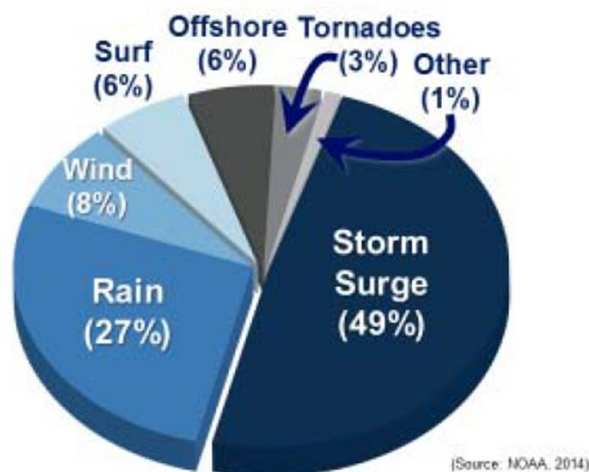


# DO YOU KNOW HOW TO SWIM???

The number ONE  
cause of deaths  
from hurricanes is  
**DROWNING FROM  
STORM SURGE!**



## U.S. Hurricane Fatalities 1963-2012



GET HURRICANE SMART © Merrie Koester, Ph.D.

# NOW WHAT?

**Design GET HURRICANE SMART  
*ARTifacts* that you think your family &  
community will respond to!**

**Then, figure out a way to find out if what  
you did had a positive effect.**

