

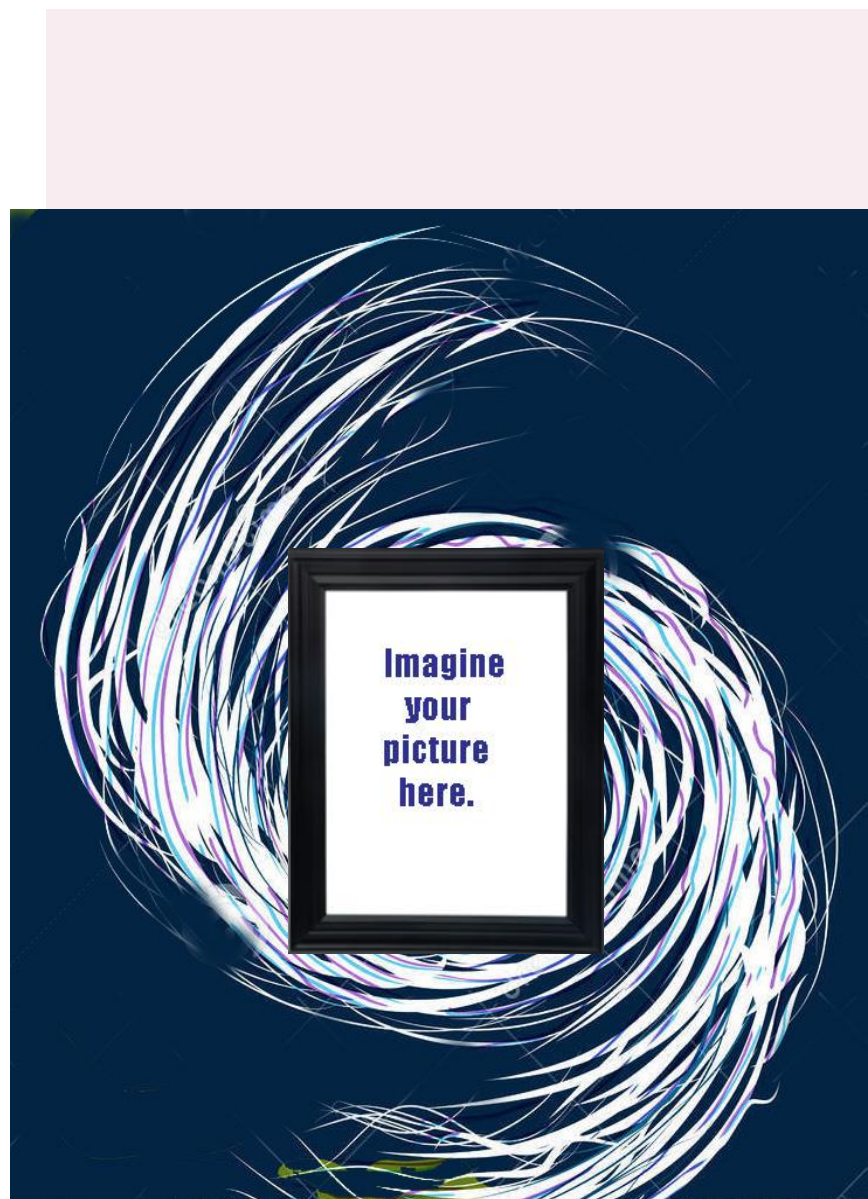


**Get Hurricane Smart
E CURRICULUM!**

**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-Ready
- 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!**:



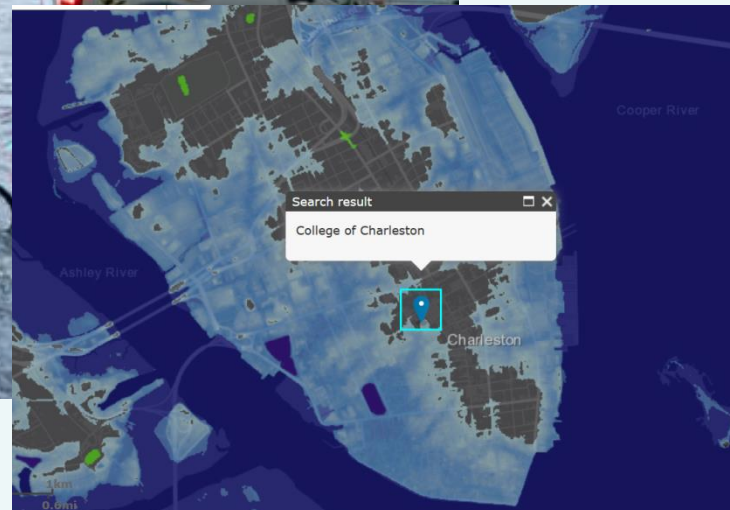
Three Questions

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!

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!**



Image J. Bramblett

HUURICANES are “born” where the ocean is WARM,

**Needing 80 degrees
for a TROPICAL STORM.**

**Low vertical wind shear
and a cluster of storms
Complete the recipe
for these hazards to form!**



Image NOAA

Get NHC Smart!

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

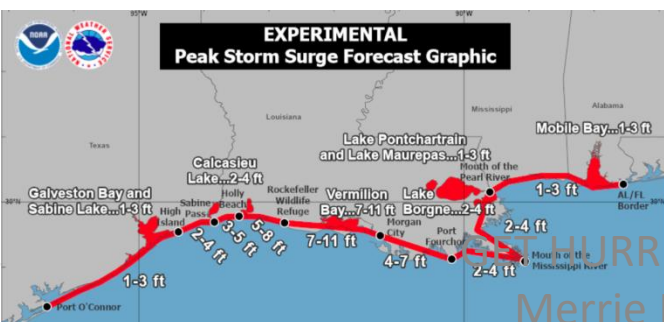
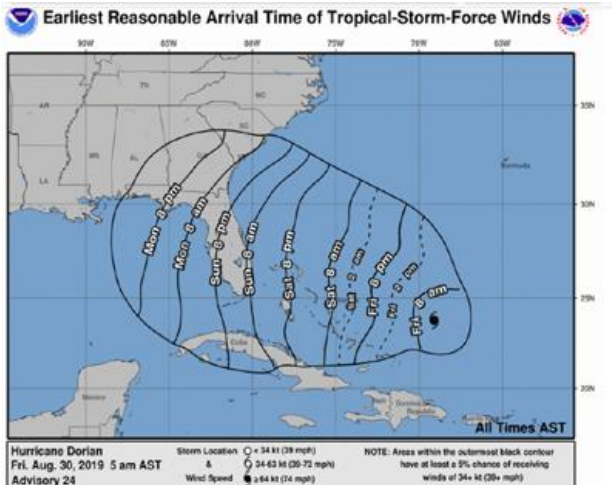
Tropical Storm Graphics predict what might be.

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!**



What NHC Forecast Graphics Can Tell You..

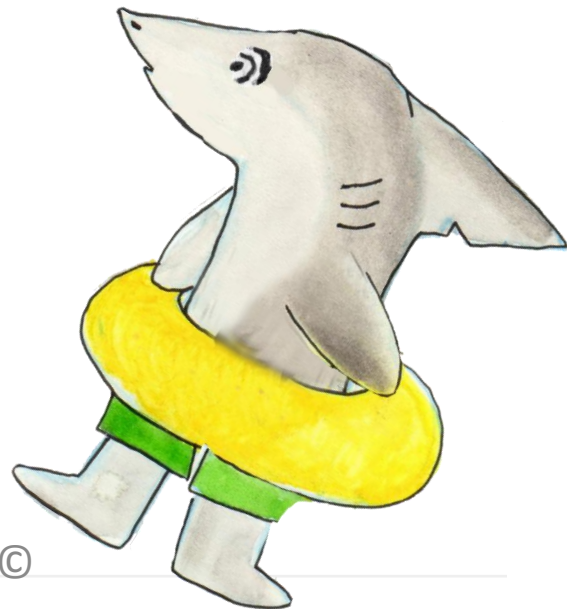
The likelihood that a gathering storm will become a TROPICAL STORM.

HOW FAST THE HURRICANE IS TRAVELING,
WHAT PATH IT'S PREDICTED TO TAKE
&
WHERE IT'S PREDICTED TO MAKE LANDFALL.

How much STORM SURGE INUNDATION
your community is predicted to experience.

How much RAINFALL is predicted.

When your area might experience
TROPICAL STORM FORCE WINDS.

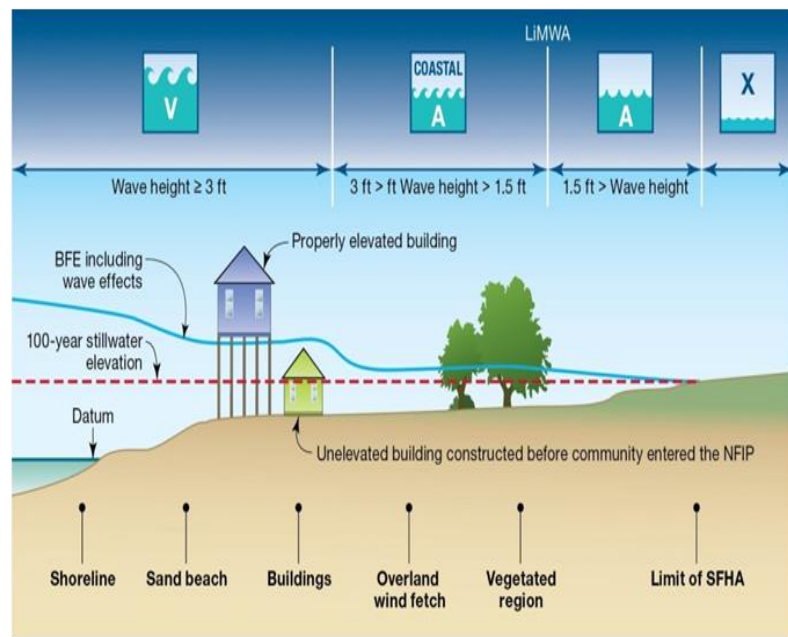


Get PLACE Wise!

You gotta **STEP UP** – and keep the DRAINS CLEAR.



Know your FLOOD ZONE
if you're gonna
LIVE HERE.



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



Get STORM SURGE Smart!

¡Aprende sobre las marejadas ciclónicas!

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)



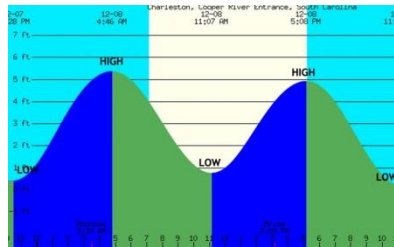
The Big Bad FIVE:

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.)

**HERE'S THE NWS "POTENTIAL STORM SURGE
INUNDATION MAP" PRODUCT.**

Get PREP READY!

Are you living in a FLOOD PRONE ZONE?
ARE you gonna have to LEAVE your HOME?
Pack a kit and keep it READY!
Don't freak out. STAY STEADY.

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!

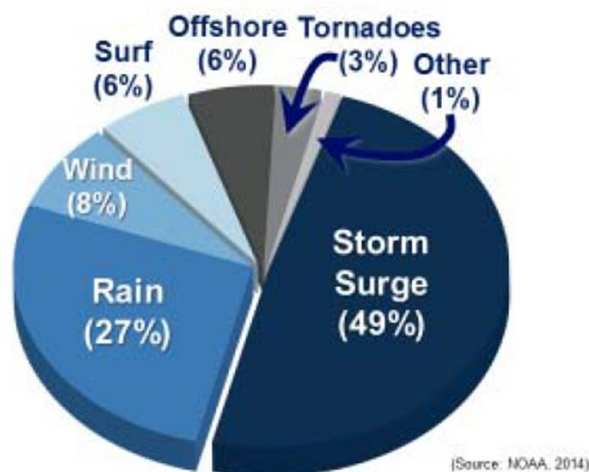


DO YOU KNOW HOW TO SWIM???

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.

GET WATER SAFE!

Get Water Safe.

Do it for yourself.

Move in the water

**'Cause it's good for
your health!**



It's GAME ON!

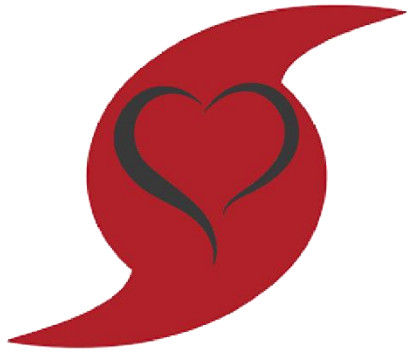
Draw **E**nergy into **H**urricane **R**esilience **T**hings!



Never *EVER* Say

WHATEVER,

Especially in a Hurricane!



Hurricane LITERATE Citizens Can Find Out and EXPLAIN...

- How much time they have to get ready.
- What to pack in an emergency kit.
- What their evacuation route is.
- How to interpret National Hurricane Center (NCH) Forecast Graphics.
- Their storm surge flood inundation risk based on their home's base floor elevation, the moon phase, tide charts, and predicted landfall location.
- How to interpret what their FEMA Flood Zone designation means.
- How to make a family emergency plan.
- That slow moving storms can create terrible rainfall flooding AND storm surge flooding.
- ***What NOT to do when a hurricane is coming!***