











<p>1) Name two factors that FAVOR hurricane formation.</p>  <ol style="list-style-type: none"> <li>Ocean temperature above 80 degrees F.</li> <li>Low shearing forces in the upper atmosphere.</li> </ol>	<p>6) Why does “fill-and-build” development on top of a saltmarsh or other wetland lead to worsened flooding?</p> <p>Because the huge flood water storage capacity of the wetland is lost.</p> 
<p>2) True or False: The Track Forecast Cone shows the predicted size of the storm.</p> <p>False! It only shows the predicted track of the center of the storm.</p> 	<p>7) True or False:</p> <p>If you wait too late to evacuate, it may not be safe for first responders to help you at all.</p> 
<p>3) What Category of storm and wind speeds cause meteorologists to code it as a MAJOR hurricane?</p> <p>Category 3 or above, greater than or equal to 111 mph wind speed.</p> 	<p>8) Name at least five things you REALLY need to pack in your hurricane emergency kit. 1. Food 2. Water 3. Medications 4. Flashlight 4. Radio 5. Charger/extra batteries 6. Cell phone 7. Jacket and shoes 8. Emergency contacts written down.</p> 
<p>4) True or False: A Category 1 storm can still produce a dangerous storm surge.</p> <p>True!</p> 	<p>9) What is the number one cause of death from a hurricane?</p> <p>Drowning from storm surge.</p> 
<p>5) Which will get through first when the phone lines are busy – a call or a text?</p> <p>A text!</p> 	<p>10) Why should you NEVER walk or drive through a flooded street? 1. You don't know how deep it is or if a submerged object is being hidden. 2. You could drown! 3. Often stormwater can have poop bacteria (fecal coliform) in it!</p> 

**11) What are the THREE HAZARD RISK ASSESSMENT QUESTIONS?**



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

**16) How many times a day should you check the weather, especially during hurricane season?**

At least **THREE TIMES**.



**12) Which NHC forecast graphic shows where the center of the storm is predicted to make landfall, as well as its forward speed?**

The Track Forecast Cone ("Cone of Uncertainty)



**17) True or False: If your home is built on top of a wetland, you are at much higher risk of flooding.**

True



**13) Name THREE of the BIG BAD FIVE conditions that make storm surge THE WORST.**

1. Full of new moon.
2. High Tide
3. Landfall location
4. Low elevation/development on top of wetland.
- 5 Strong onshore wind.



**18) How can you find both the moon phase and the time of high tides?**

Use a tide chart or other app that provides both data sets.



**14) Why should you NEVER SAY WHATEVER, ESPECIALLY IN A HURRICANE?**

Because you greatly increase your risk of harm or even death!



**19) Name TWO reasons why you need to learn to GET WATER SAFE.**

1. For your health and
2. For yourself, To keep you from drowning!



**15) What is the difference between a hurricane WATCH and WARNING?**

**WATCH** – Hurricane conditions are **POSSIBLE** within 48 hours.

**WARNING** – Hurricane conditions are **EXPECTED** in less than 36 hours!



**20) How does the forward speed of a hurricane influence the amount of rainfall flooding that occurs?**

The slower the storm, the more rainfall can be delivered to one area, adding to storm surge flooding.

