

PRACTICE SITUATION CARDS, KEYED TO THE GHS Rap

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| <p>1) DANGER! You or someone in your family forgot to pack their medications in the emergency kit and had not written down the number of your doctor or pharmacy. (Verse 4c)</p> | <p>6) DANGER! You thought you were in the clear and forgot to check the NHC for an entire day. Overnight, what was a tropical storm became a CATEGORY 2 HURRICANE! (Verse 1d)</p> |
| <p>2) DANGER! A FLOOD WATCH has been issued and you went to go hang out with your friends because you had NO idea this storm was getting closer. (Verse 1b)</p> | <p>7) DANGER! You and your family waited too late to evacuate, got stuck in a HUGE traffic jam, and ran out of gas. (Verse 4b)</p> |
| <p>3) DANGER! You got separated from your family, did not have your cell phone, and did not have your written emergency contact numbers with you. (Verse 4b)</p> | <p>8) DANGER! You have no idea what flood zone you live in or anything about whether your home is built on top of what used to be a wetland. (Verse 2a)</p> |
| <p>4) DANGER! You and your family did not download the FEMA app to receive hazard alerts! (Verse 3b & 4b)</p> | <p>9) DANGER! You've never learned to swim or keep yourself safe in the water. GO BACK 2 SPACES if you plan on staying this vulnerable. ADVANCE 2 SPACES if you are going to learn go swim as soon as possible! (Verse 5)</p> |
| <p>5) DANGER! You waded or drove into a flooded street and are now being swept down the street by fast moving water. (Verse 4c)</p> | <p>10) DANGER! You didn't know what it means when a HURRICANE WARNING is made and kept on planning your birthday party. (Verse 2b)</p> |

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| <p>11) DANGER! You didn't check the weather three times a day! (Verses 1 a, b, & d)</p> | <p>16) DANGER! You think a Category 3 hurricane won't be a whole lot more dangerous than a Category 1. (Verse 1d, 3a & d)</p> |
| <p>12) DANGER! You said, "Whatever, we'll be fine when you knew a hurricane was coming! (Verse 4c)1</p> | <p>17) DANGER! You've never noticed if the storm drains near your home are blocked.. (Verse 2a)</p> |
| <p>13) DANGER! You are uncertain about what the NHC Track Forecast Cone even means. (Verse 4c)</p> | <p>18) DANGER! You try to call instead of text to reach your emergency contact and the call won't go through.. (Verse 4b)</p> |
| <p>14) DANGER! You don't know THE THREE QUESTIONS to ask to increase your resilience in a hazardous situation. . (Rap chorus)</p> | <p>19) DANGER! You think it's perfectly safe to wade into and through a flooded street. (Verse 2a)</p> |
| <p>15) DANGER! You think a Category 1 hurricane isn't going to be a big deal and you do nothing to prepare. (Verse 1e)</p> | <p>20) DANGER! You don't pay any attention to the phase of the moon or the tide phase on a rainy day and head out on a trip. (Verse 2b)</p> |

PRACTICE POWER KNOWLEDGE CARDS

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| <p>1) Name two factors that FAVOR hurricane formation.</p> <ol style="list-style-type: none"> 1. Ocean temperature above 80 degrees F. 2. Low shearing forces in the upper atmosphere. | <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> |

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| <p>11) What are the THREE HAZARD RISK ASSESSMENT QUESTIONS?</p> <ol style="list-style-type: none"> 1. What you gotta NOTICE? 2. What you gotta KNOW? 3. What you gotta DO with the INFO? | <p>16) How many times a day should you check the weather, especially during hurricane season?</p> <p>At least THREE TIMES.</p> |
| <p>12) Which NHC forecast graphic shows where the center of the storm is predicted to make landfall, as well as its forward speed?</p> <p>The Track Forecast Cone (“Cone of Uncertainty)</p> | <p>17) True or False: If your home is built on top of a wetland, you are at much higher risk of flooding.</p> <p>True</p> |
| <p>13) Name THREE of the BIG BAD FIVE conditions that make storm surge THE WORST.</p> <ol style="list-style-type: none"> 1. Full of new moon. 2. High Tide 3. Landfall location 4. Low elevation/development on top of wetland. 5 Strong onshore wind. | <p>18) How can you find both the moon phase and the time of high tides?</p> <p>Use a tide chart or other app that provides both data sets.</p> |
| <p>14) Why should you NEVER SAY WHATEVER, ESPECIALLY IN A HURRICANE?</p> <p>Because you greatly increase your risk of harm or even death!</p> | <p>19) Name TWO reasons why you need to learn to GET WATER SAFE.</p> <ol style="list-style-type: none"> 1. For your health and 2. For yourself, To keep you from drowning! |
| <p>15) What is the difference between a hurricane WATCH and WARNING?</p> <p>WATCH – Hurricane conditions are POSSIBLE within 48 hours.</p> <p>WARNING – Hurricane conditions are EXPECTED in less than 36 hours!</p> | <p>20) How does the forward speed of a hurricane influence the amount of rainfall flooding that occurs?</p> <p>The slower the storm, the more rainfall can be delivered to one area, adding to storm surge flooding.</p> |