



H IS FOR HURRICANE

BY: PARKER H. AND VANCE W. A-Z HURRICANE WORDS

A IS FOR AIR

Air is important during a hurricane because, if there was no air there would be no wind. There would be no wind because there is no air to blow. Wind plays a major role in a hurricane because it blows down trees and blows things away.

A final reason why air is important during a hurricane is because air evaporates the water to make it rain and rain and wind are the two main parts of a hurricane.

Barriers are important during a hurricane because they can protect water and waves from hitting houses or any type of structure, so it won't destroy it.

A final reason why barriers are important during a hurricane is because if there is **flooding** caused from so much rain during a hurricane, a barrier can hold it together like a cup of water. So that it won't overflow and flood the whole city/neighborhood. We have some barriers here in Georgia so our city is unlikely to be destroyed.

B IS FOR BARRIER

Cyclones and hurricanes are a little different but also very alike. Two things that are alike with both hurricane and a cyclone is that they both have low air pressure in the middle. Therefore that part of the storm is the weakest part. Another alike they have is that they both spin to the middle of the storm.

The picture you see here is a cyclone being observed at from space.

C IS FOR CYCLONES

A hurricane destroys many things in the area. One reason why is because of its strong wind power, heavy rain that could cause floods, and it can form huge waves that will destroy anything in its way.

Also if the hurricane destroys the power lines with its powerful wind the power would go out. Then no electricity would work so you can't call and get help.

As you might see in the picture there is a family and there are destroyed trees and other things in the back round by a hurricane.

D IS FOR DESTROY

A photograph showing a family of four standing on a sidewalk in a street that has been severely damaged by a hurricane. The woman is holding a young child, and another child is standing next to her. The background shows destroyed trees, debris, and a gas station sign. The scene is dark and overcast.

E IS FOR EYE

Did you know that a hurricane spins counter, clockwise in the northern hemisphere. And a hurricane spins clockwise in the southern hemisphere. That was a cool fact that I even learned!

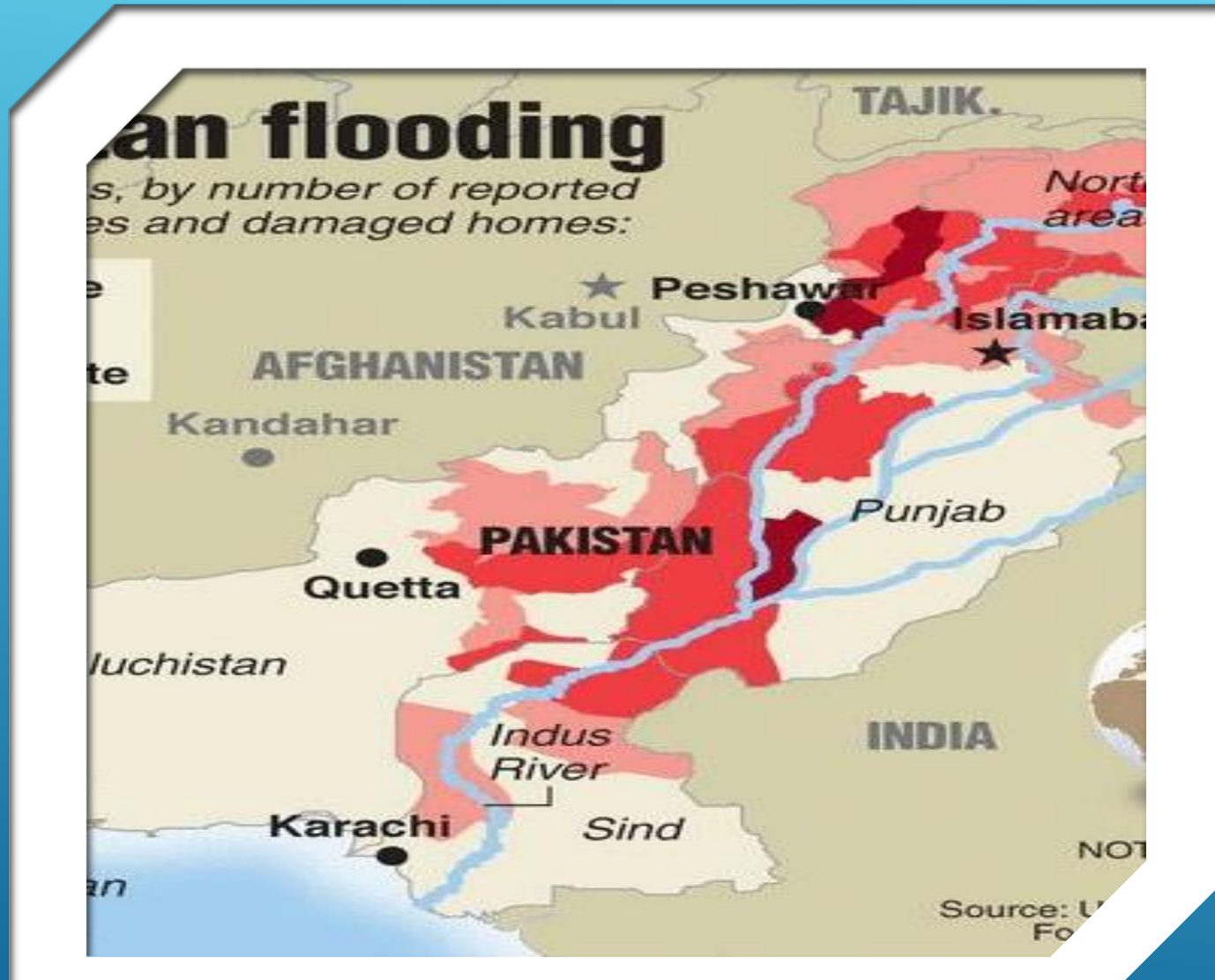
The eye of a hurricane is usually the weakest part of the hurricane. A reason why is because it has very low air pressure because it has very little clouds and is sunny. For example all the winds and clouds spin/revolve around the eye of the storm just like how your face is around your eyes. Just like your eye color is around your pupil.



F IS FOR FLOODING

Flooding happens a lot during a hurricane. One way, flooding happens if it rains so much the barriers and levees might fail and all the rain from the hurricane could flood a neighborhood. Speaking of flooding the Pakistan flooding was one of the worst floods in history.

As you see in the picture this is a map of what the Pakistan flooded, which was very destructions.



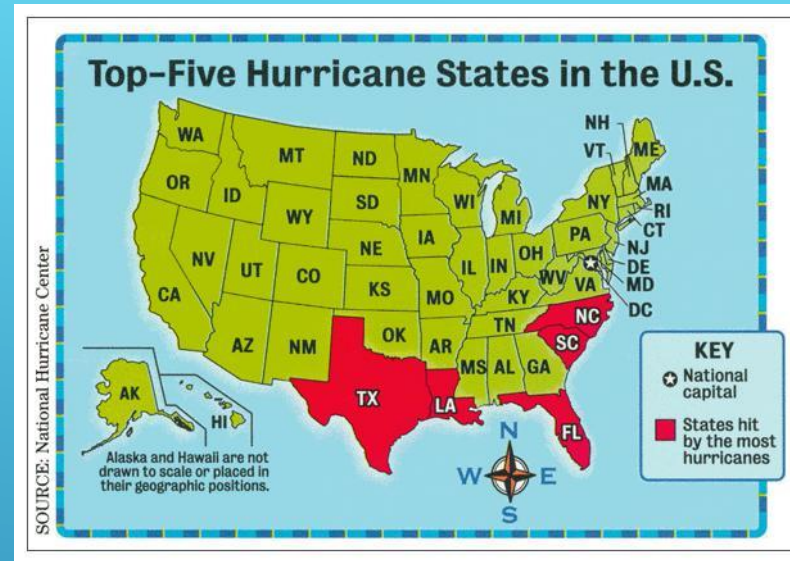
G IS FOR GUST

Did you know that there is such thing as a gustnado? It can produce over 60 mph winds that are very strong. Although gustnados are very strong and dangerous they are very rare.



Gusts are very strong winds that are very powerful. They are strong enough to blow down trees and power lines. Gust and wind are very alike but gust are stronger. A reason why it's stronger than wind is because it comes with more storms and causes more damage.

Did you know that the top 5 hurricane states include Texas, Louisiana, North Carolina, South Carolina, and Florida. Those states that I listed are the top 5 states that get hit by the worst, and most hurricanes. Luckily for me I live in Georgia, so we don't get that many hurricanes.



H IS FOR HURRICANE

A hurricane is a very big, strong, powerful thunder, storm. A hurricane forms over warm tropical ocean water. There is warm air and is powerful enough to wipe out and flood a whole city or even a state. Hurricane Katrina went down as the worst hurricane in history.


As you see in the picture there is a map highlighting the top 5 hurricane states



I IS FOR INJURE

Injuries happen a lot during hurricanes and storms. Some are server and some are not bad depending on the wind and rain. You can get injured during a hurricane because of its very fast wind or a lot of rain that can cause flooding.

But sometimes during hurricane or after there are coast guards that look for people in helicopters could save you and, also red cross and they can also help you.

A photograph of a destroyed house with a large pile of debris and junk outside. The house is a two-story brick building with a white door and windows. The debris is a large pile of wood, metal, and other materials. The scene is dark and appears to be at night or in low light.

Junk could possibly kill somebody because if the wind picks up some junk it could blow it very fast and it could hit somebody and kill them. But that happens rarely

Junk can spread a lot during hurricanes and is a dangerous Hazard.

As you see in the picture there is a destroyed house and outside of it there is a bunch of junk.

J IS FOR JUNK

K IS FOR KATRINA

Hurricane Katrina was one of the most powerful hurricanes in history!

Hurricane Katrina destroyed or damaged over 80,000 houses during the hurricane. Katrina generated over 100 mph wind and at one point it was a category five hurricane going across the gulf of **Mexico**

Hurricane Katrina hit Florida and New Orleans the hardest, and flooded the city of Miami, Florida and all, of New Orleans. Sadly over 1,800 people died from the massive, and destructions hurricane. I am very lucky to not have lived in New Orleans or Florida during that really bad hurricane.



Severe Weather 101 – Lightning

lightning



L IS FOR LIGHTNING

Lightning is one of the most dangerous parts of a storm. Plus it comes before and sometime after a hurricane.

Did you know that over 100 deaths happen because of lightning! I don't know of anyone who has survived lightning because lightning so powerful.

Meteorologist study hurricanes. They tell you how bad and strong it's going to be. Meteorologist are very important because they could possibly save your life by telling you to evacuate. And if they didn't tell you that you could die of the hurricane.

As you see the picture in the background there is a meteorologist in an airplane studying a hurricane.

M IS FOR METEOROLOGIST

N IS FOR NAMES

Did you know that meteorologist and scientist name hurricanes so that they can keep track of them and so they say like, "this hurricane is going towards Florida". So they can just say hurricane bob is going towards Florida, so it makes it easier.

Also if the hurricanes are very bad and destructions, they take the name and don't use it again, so they want remember the hurricane. Did you know there was a hurricane named after me? Hurricane Parker!

ATLANTIC STORM NAMES			2019	
ANDREA	3	HUMBERTO	OLGA	
BARRY		IMELDA	1	PABLO
CHANTAL	2	JERRY	REBEKAH	
DORIAN		KAREN	SEBASTIEN	
ERIN	5	LORENZO	TANYA	
FERNAND		MELISSA	VAN	
GABRIELLE		NESTOR	WENDY	



O IS FOR OCEAN

Hurricanes form over the warm, **tropical** ocean. A reason why is because there is plenty of warm water. So it is especially good for hurricanes to form over. Also oceans are important because if a hurricane rains a lot then it could overflow the ocean and flood the area.

P IS FOR POWERFUL

Hurricanes can be very powerful because of its strong winds that can blow up to 175 mph! That's fast enough to blow a house off its foundation. It's also fast and strong enough to pick up a car and blow it away. Also its heavy rain could flood the area and do the same thing, destroy a house, or pick up a car and it could flow away.

Q IS FOR QUICKLY

A tsunami can come in very quickly. If a hurricane produces enough of rain-water that can flood and cause a tsunami or a very big wave. Also very big thunderstorms that could turn into a hurricane can move into your area very quickly and could cause a lot of damage because nobody is prepared. If you tried to beat a tsunami in a race you would have no chance in winning.



As you see in the picture in Japan a tsunami moved in very quickly and is very strong and dangerous.

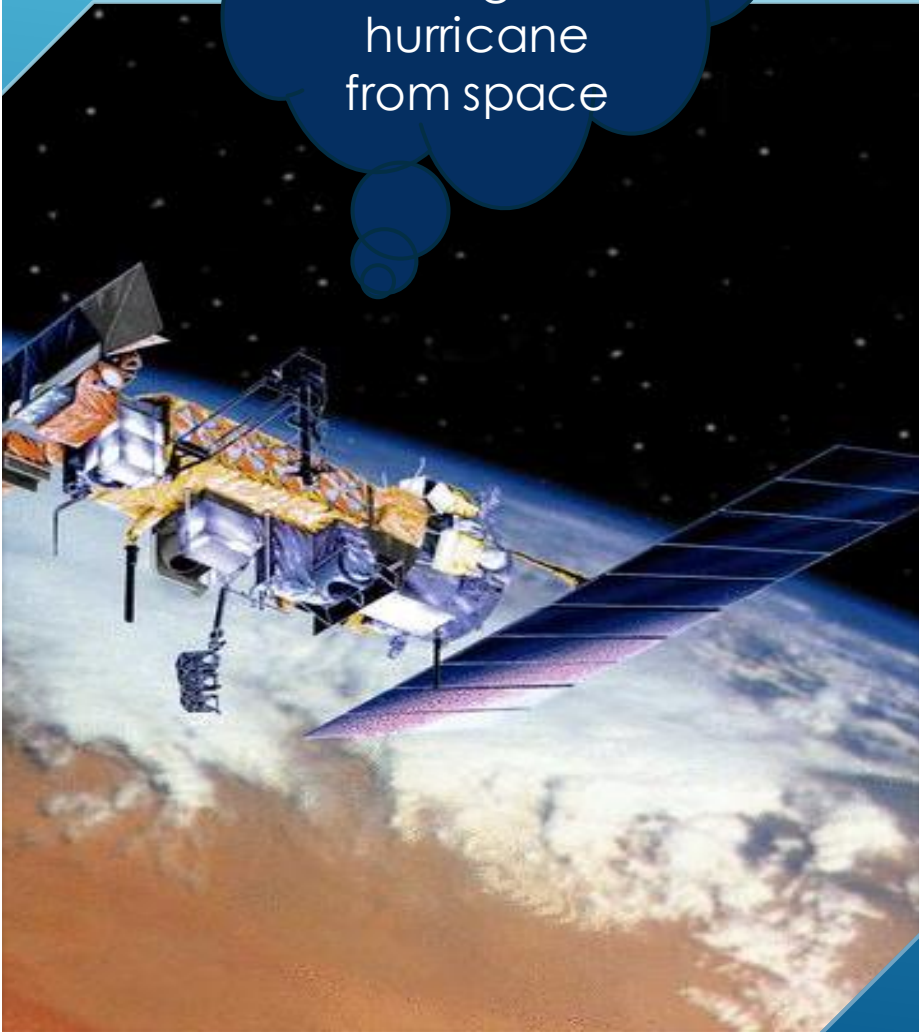
R IS FOR RAIN

When a hurricane hits it always produces a lot of rain. Rain can cause a lot of destruction because if it rains a lot it could cause flooding and you know that **flooding** can be very strong, dangerous, and a major threat. Also if a hurricane produces enough rain it can drown you if you're out in the open when it happens. If you are in a car you are more than likely going to get swept away by the strong water current.



S IS FOR WEATHER SATELLITES

As you see in the picture this is a weather satellite looking at a hurricane from space



Weather satellites are satellites that are put into space. They help whenever there is a big hurricane that can be seen from space it can see it very clearly. The satellite can follow where the hurricane it goes so the people can always see it. So then the meteorologist can predict where the hurricane is going to move and could possibly save your life if you didn't know that a hurricane is coming towards you.

T IS FOR TSUNAMI

A **tsunami** are big, strong, powerful wave. That is caused by strong winds, a lot of rain and water getting in the ocean, and plates moving underneath the earth's surface. Hurricanes can cause tsunamis because of its strong winds and a lot of rain it produces. They can destroy a whole city in about 40 seconds because of its fast moving and strong water.

Did you know that tsunamis can move up to a speed of 800 kilometers per hour? Also they can reach up to be over 1 meter high! Did you know that the Japanese call a tsunami a harbor wave.

U IS FOR UNSTOPPABLE

Hurricanes huge strong waves and winds destroy houses, huge building , and kill lots people. Hurricanes and tsunamis are unstoppable pairs because tsunamis and hurricanes are both very powerful. Hurricanes come in and destroy most of the things then a tsunami comes in a will completely wipe out a city. So it's like a tsunami is a hurricanes side-kick. Unstoppable that's what they say.



V IS FOR VALID



Valid is another way of saying yes, just in a fancier way. So when the news is on in the morning the news guy would ask a meteorologist that is talking on a tv because they need to work and keep track of the storm and stay at their complex building. So if there is a hurricane coming. The meteorologist might say valid because they are scientist and they use bigger and fancier words. One reason why it might not be good to say valid is because some people might not know what that means so they will not know to evacuate if they should.



W IS FOR WIND

Wind strong, powerful, fast.
Wind wipes out house's
, buildings and more. Hurricanes
cause strong winds and heavy
rain. If the wind is strong
enough it could destroy
wildlife.

Y IS FOR YOU

Only you can save yourself during a hurricane. With the proper equipment and a safe room to stay in. You should be safe. Stay safe.

Z IS FOR ZONE



That is the weakest part of the hurricane. If you are in the eye of a hurricane you are in a good soon because that is the weakest part of a hurricane. But if you are right outside the eye that is the worst part of the hurricane. It is very strong, and powerful.

Glossary (Bold Words)

1:WIND-AIR IN NATURAL MOTION.

2:TSUNAMI-AN UNUSUALLY LARGE SEA WAVE PRODUCED BY A SEAQUAKE OR UNDERSEA VOLCANIC ERUPTION.

3:WEATHER SATELLITE-METEOROLOGICAL SATELLITE.

4:FLOODING-A GREAT FLOWING OR OVERFLOWING OF WATER.

5:HURRICANE-A VIOLENT, TROPICAL, AND STRONG STORM.

6:TROPICAL-VERY HOT AND HUMID.

7:METEOROLOGIST-A SCIENTIST THAT STUDIES HURRICANES AND SEVERE STORMS.

Bibliography

Information credits

- 1 Book-Hurricanes by: Mair Schuh
 - 2 Book-Hurricanes by: Patricia Lavber
 - 3 Site-Galileo
 - 4 site-kids search sites
 - 5 site-world book
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Photo credits

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THE END!

