

THE MOST POWERFUL STORMS KNOWN TO MAN... HURRICANES

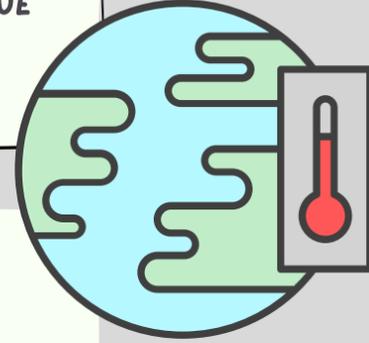


QUICK FACTS

- BEGINS IN TROPICAL AREAS DURING THE SUMMER MONTHS WHEN THE WATER IS THE WARMEST.
- TEND TO BE IN LARGE BODIES OF WATER MAINLY OCEANS
- FORM FROM CLUSTERS OF THUNDERSTORMS THAT SUCK UP THE WARM AIR AND MOVE IT UP TO THE ATMOSPHERE, POWERING THE HURRICANE'S WINDS.
- THE WALL SURROUNDING THE EYE OF THE STORM IS A TOWERING RING OF CLOUDS, THEY HOLD THE FASTEST WINDS OF THE HURRICANE.
- OUTSIDE OF THE EYEWALL ARE THESE THINGS CALLED RING BANDS, THEY'RE CURVED BANDS OF CLOUDS, THIS IS THE PART OF THE STORM THAT CAUSES RAIN AND TORNADOES.

EARTH SYSTEMS

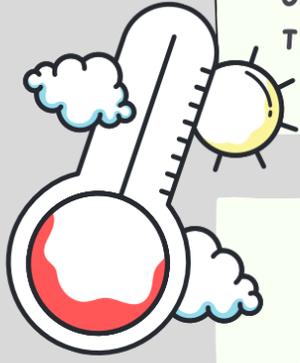
THE EXTREME MASS OF WATER CAN DAMAGE ALL THREE OF THE EARTH SYSTEMS (GEOSPHERE, BIOSPHERE, AND ATMOSPHERE) DURING A HURRICANE. WATER FROM THE HURRICANES WOULD BE A PART OF THE LAST EARTH SYSTEM, THE HYDROSPHERE. DUE TO THE EXTREME WATER, THE LAND WILL ABSORB TOO MUCH OF IT AND DAMAGE WHAT'S UNDERNEATH (GEOSPHERE). THE BIOSPHERE IS IMPACTED BY THIS NATURAL DISASTER DUE TO THE EXTREME WIND (ATMOSPHERE) AND WATER CAN DAMAGE THE LIVING THINGS IN THE ECOSYSTEM.



"IT STRIKES THE GULF COAST ON THE HEELS OF A MAJOR UNITED NATIONS REPORT FINDING STRONG EVIDENCE THAT CLIMATE CHANGE WILL MAKE HURRICANES RAINIER, SLOWER, AND MORE CAPABLE OF EXPLOSIVE GROWTH."

CLIMATE CHANGE

CLIMATE CHANGE IS A BIG REASON WHY THERE ARE SO MANY HURRICANES, DUE TO THE TEMPERATURE CHANGES IN OUR OCEANS IT'S MAKING IT EASIER FOR THESE STORMS TO FORM. THIS IS BECAUSE THE WATER IN THE OCEAN IS NOW WARMER.



AFFECTS

HURRICANES ARE AFFECTING THE HOME OF LIFE ON EARTH. THEY HAVE DESTROYED FORESTS; REMOVING TREES AND CAUSING EROSION TO THE LAND. THE ALSO OVER WATERED AREA AS WELL.



A GOOD EXAMPLE WOULD BE HURRICANE IDA WHICH AFFECTED A MAJORITY OF THE EAST COAST CAUSING FLOODS FROM LOUISIANA TO PENNSYLVANIA.

PERVENTION

- PLAN AHEAD WITH YOUR FAMILY AND HOUSEHOLD.
- MAKE SURE YOU HAVE THE ESSENTIALS TO SURVIVE DURING AND AFTER A HURRICANE BY MAKING A SURVIVAL KIT.
- YOU SHOULD BE PREPARED TO EVACUATE WHERE YOU ARE AT ANY TIME.



Information source

<https://www.nationalgeographic.com/environment/article/how-climate-change-is-fueling-hurricanes-like-ida>

<https://sciencemag.com/to-understand-the-future-of-hurricanes-look-to-the-past/>

<https://www.youtube.com/watch?v=LlXVikDkyTg>