

Rising Temperature and Hurricane



overview

- What is hurricane
 - Hurricanes formation
 - Coriolis Effect
- Rising temperature and hurricane
 - What is the relationship?
 - Increasing severity

Hurricane

- Large rotating storm with high speed winds that forms over warm waters in tropical areas.



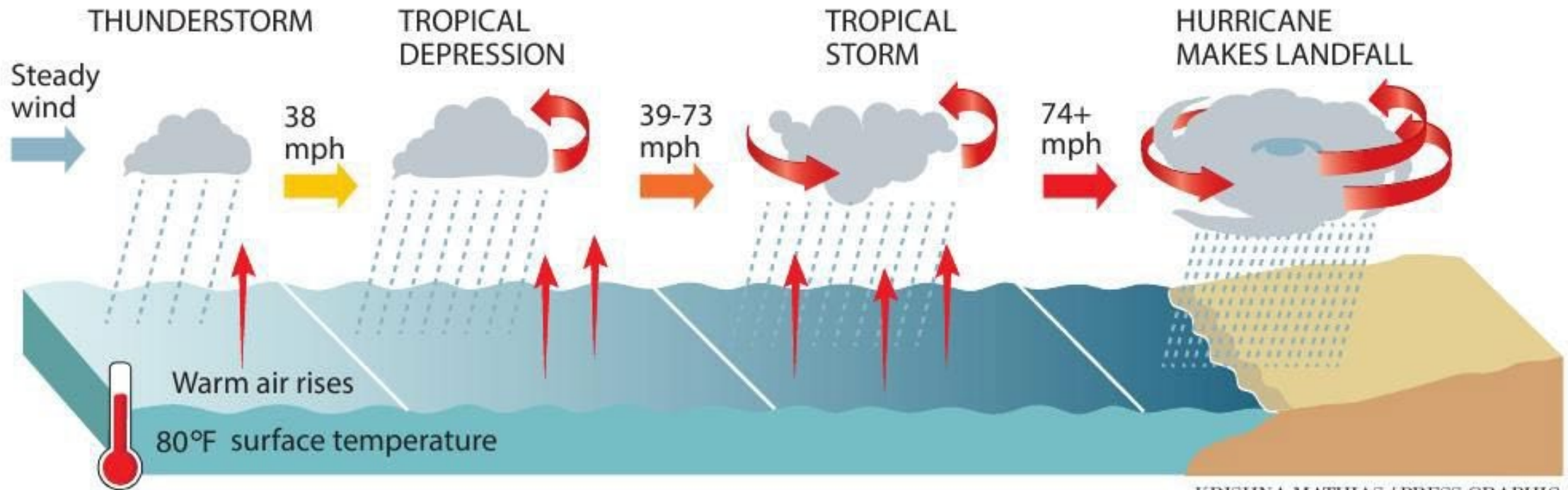
HEAT AND WATER: ROCKET FUEL FOR HURRICANES

As ocean temperatures rise, storms will keep getting stronger.

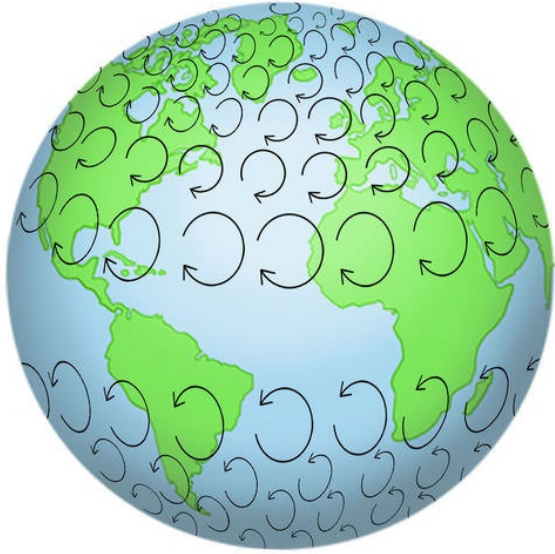
The warmer the surface water temperature is, the faster it evaporates

Thunderstorms will slowly build in size and magnitude, warm air rising and cooler air descending.

The earth's rotation spins the whole storm system counterclockwise north of the equator and clockwise south of it.

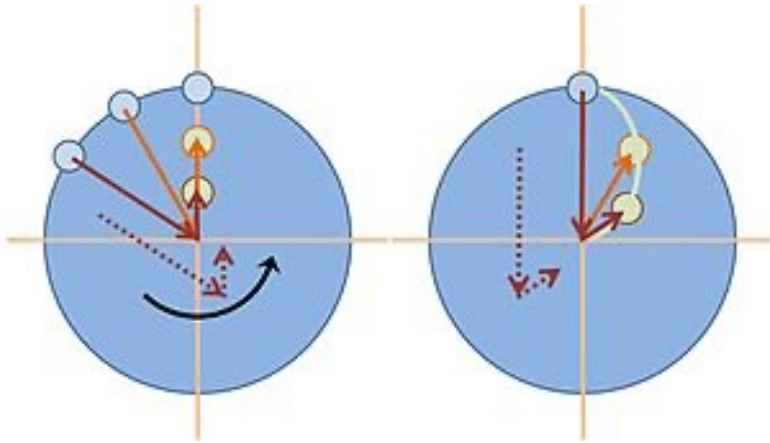


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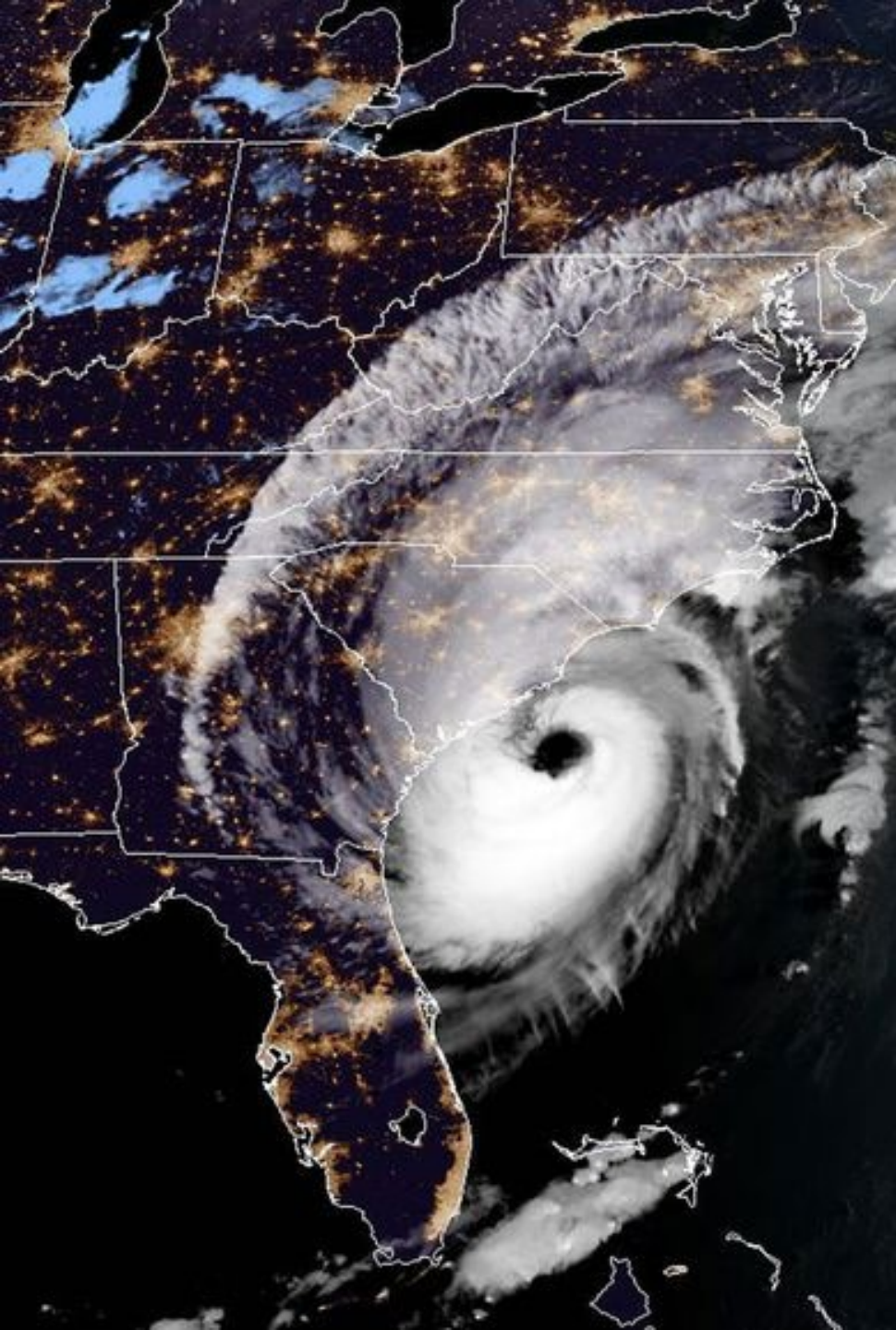


Coriolis Effect

- Makes things traveling long distances around the Earth appear to move at a curve as opposed to a straight line.



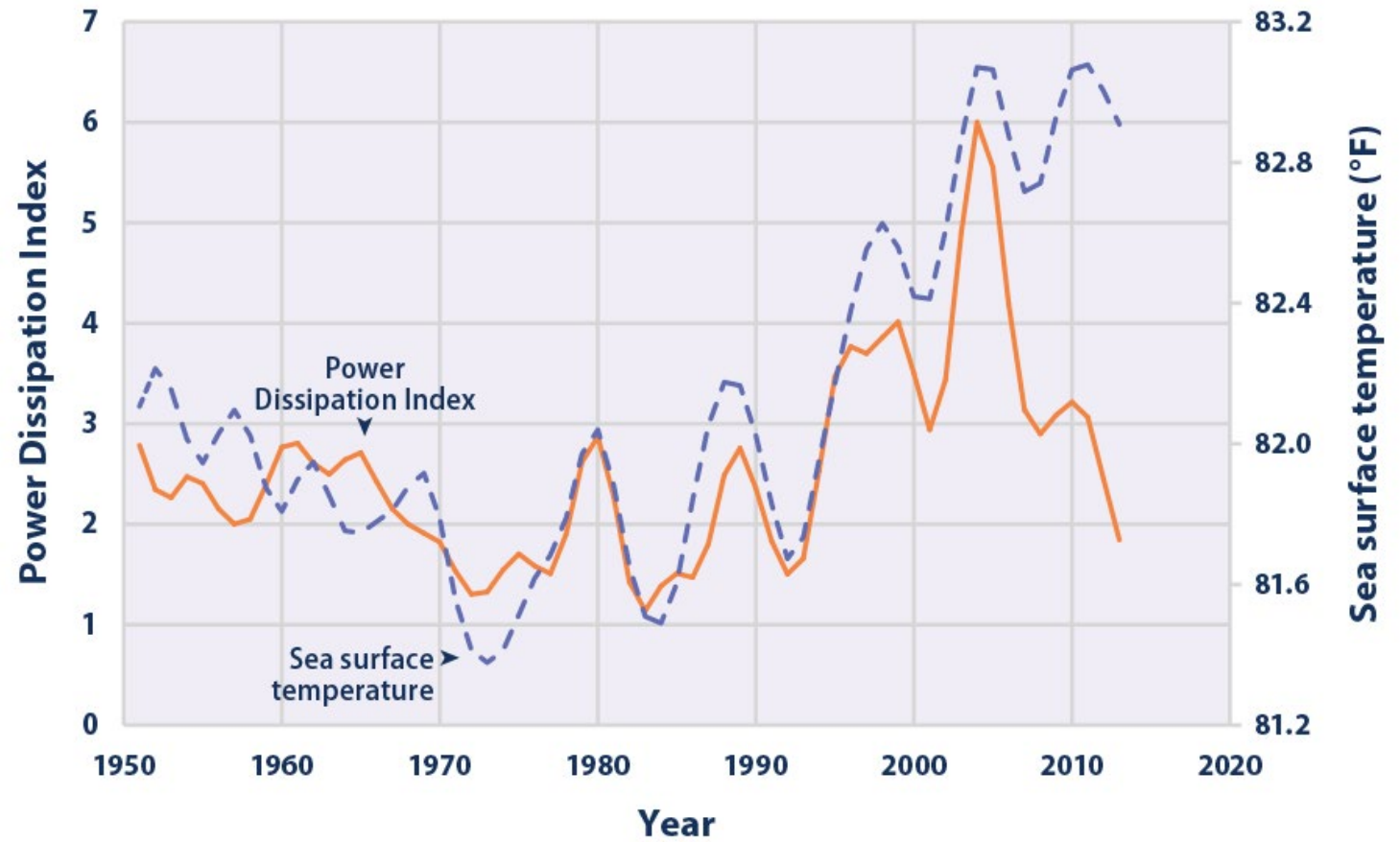




Rising temperature and hurricane

- Hotter water and more moisture in atmosphere will strengthen Hurricane.
(stronger, slower, bigger)
- Higher sea level will make Hurricane more Destructive to coast.

Severioriority





Thank you