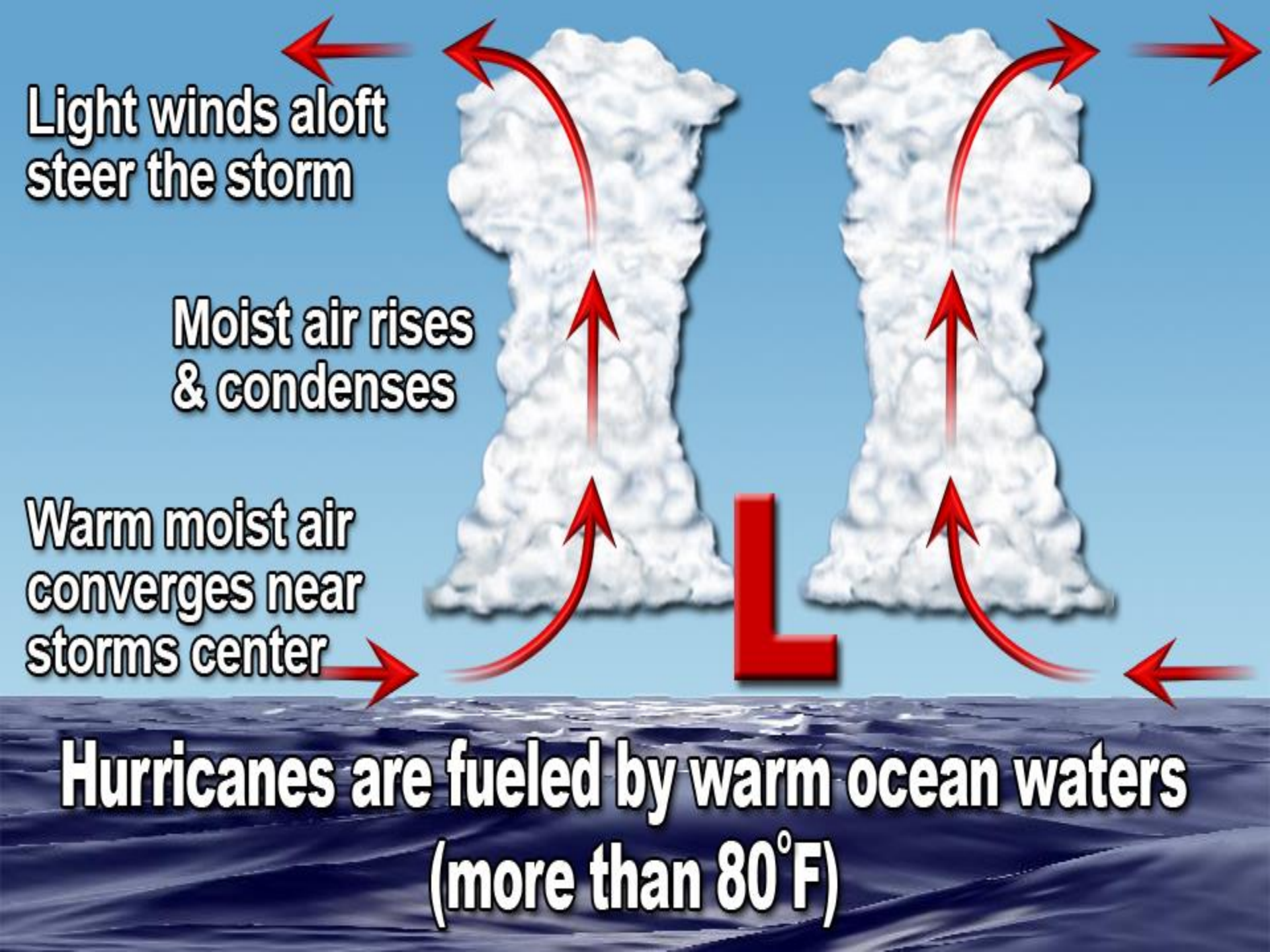
Hurricane...

Hurricane Names Around The World


Light winds aloft steer the storm
Moist air rises & condenses
Warm moist air converges near storms center
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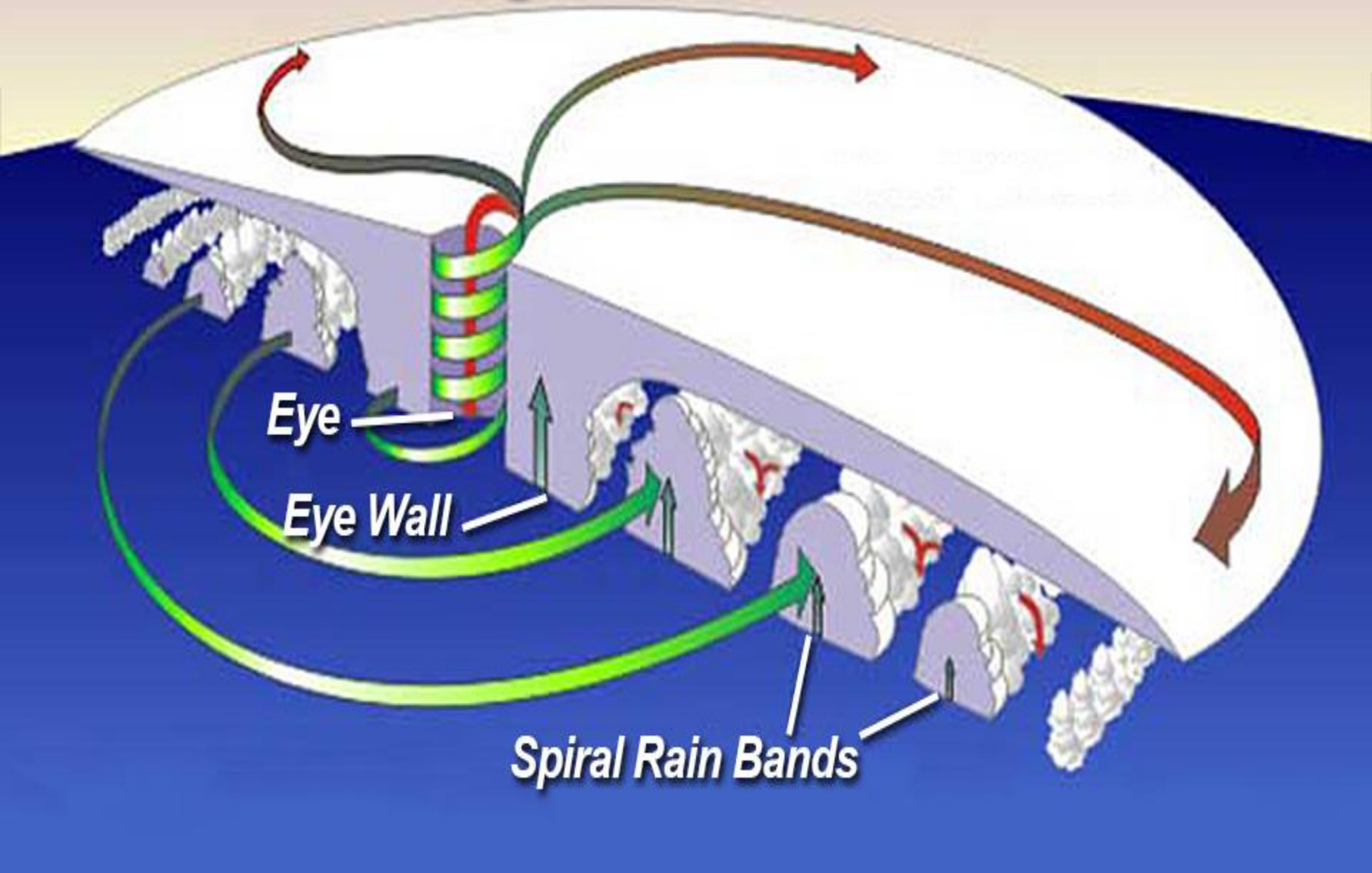
Hurricanes are fueled by warm ocean waters (more than 80°F)

Anatomy of a Hurricane

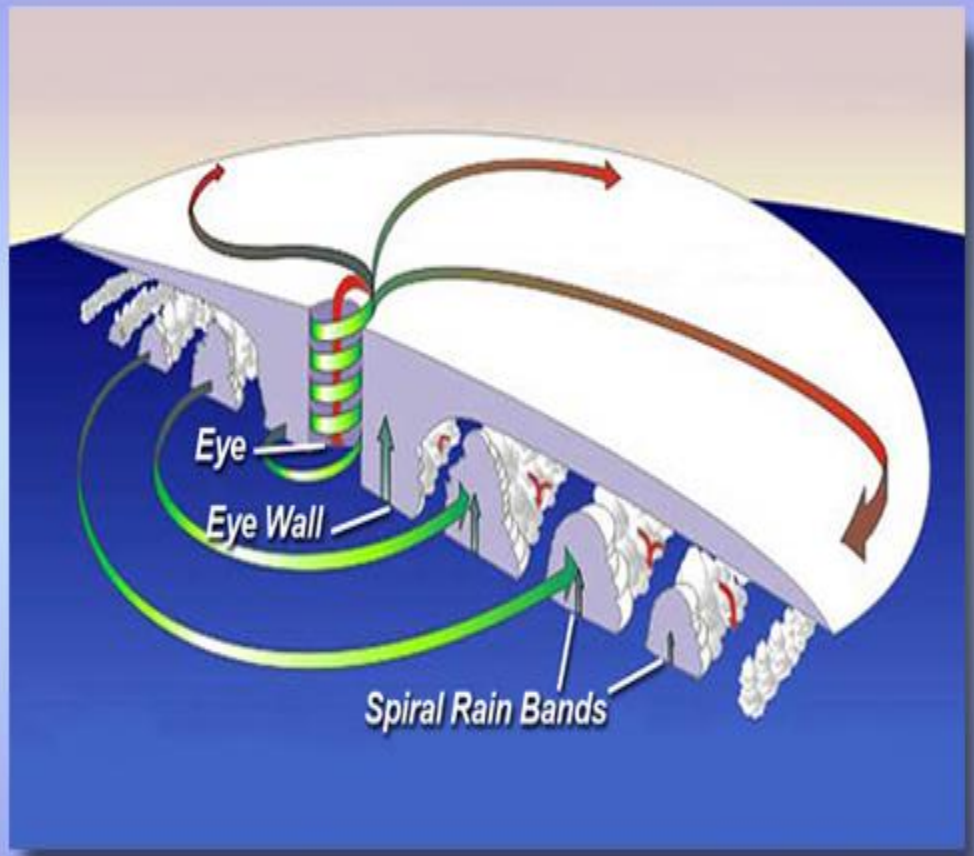


Anatomy of a Hurricane

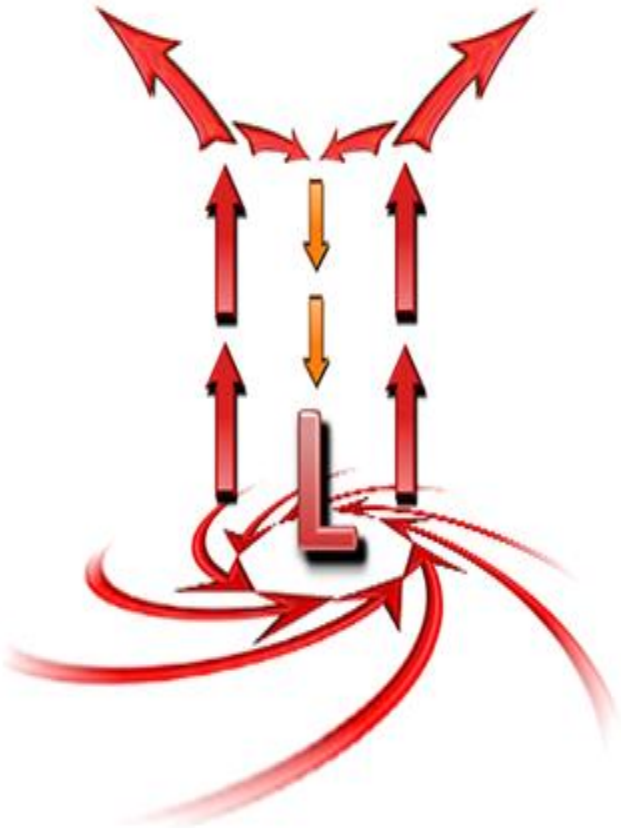
Eye: Light winds, mostly sunny, very low surface pressure

Eye Wall: Strongest winds, heaviest rain

Spiral Rain Bands: Rotate around the storm, moderate to heavy rain, strong winds, possible weak tornadoes



Why the "Eye" of the Hurricane is Calm

Surface winds converge before reaching the center due the Coriolis Force

Air flow above the center converges & sinks, resulting in lighter surface winds