Ocean water temperature of 26.5° (80°F) to a minimum depth of 50m (164 ft).

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**EYE**

Low-pressure system. Instability (air that suddenly becomes cooler a short distance above the surface).

High relative humidity in this air.

Gentle atmospheric winds, without any shear to rip the structure apart surface level and over the storm.

Coriolis force to create circular flow at

distances greater than 5° (about 335

miles or 555 km) North or South of

 the equator.

1. EYE. Light Winds, partially cloudy or clear skies.

2. EYEWALL. Strongest winds and heavy rain.

3. Winds spiraling in the eyewall.

4. Air Sinking.

A small storm (low pressure system)

to use as a seed for the big one.