



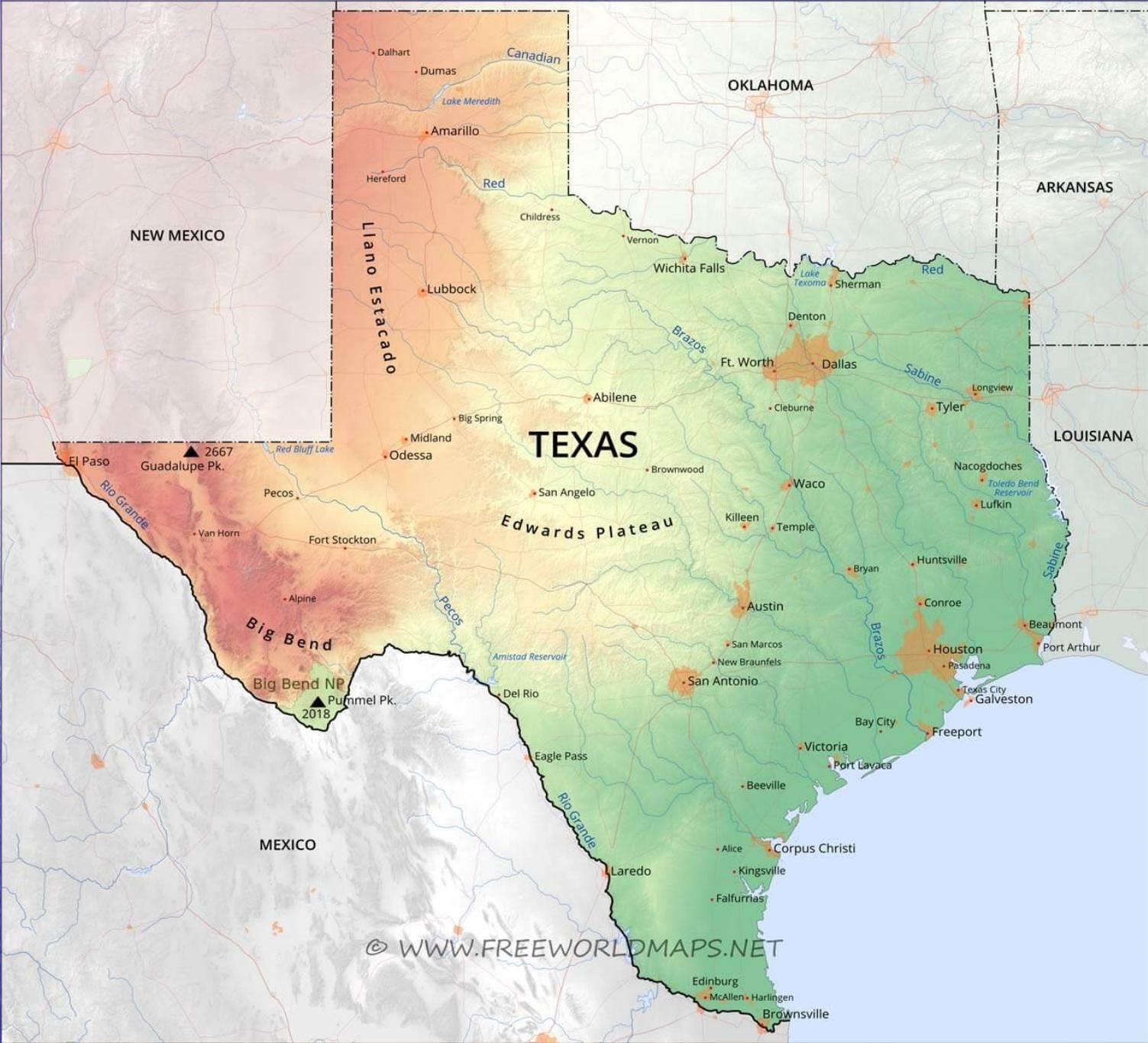
Wild Weather in Central Texas

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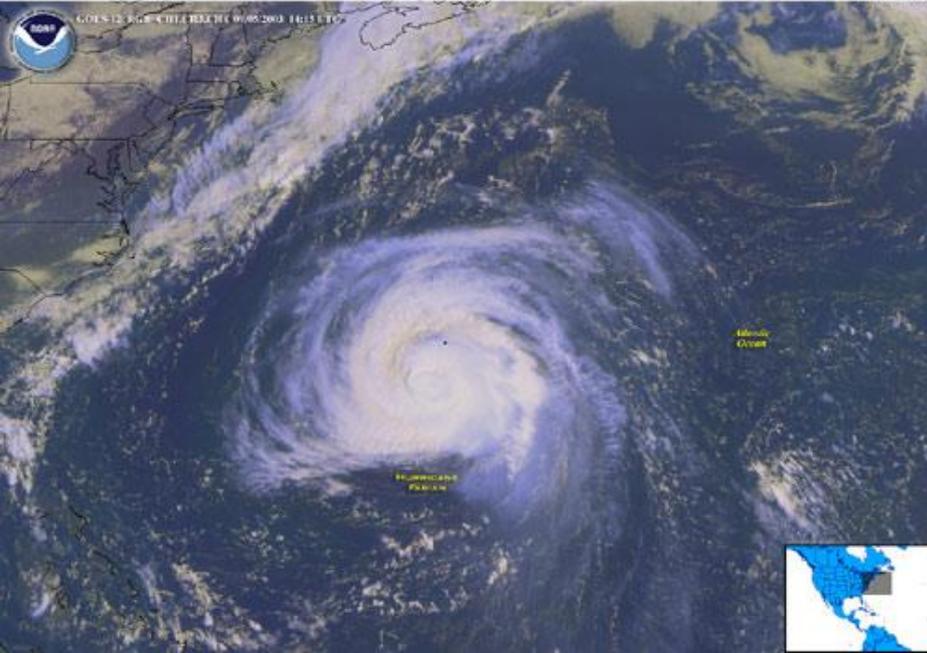


Weather and Climate

Weather.. Current State of the Earth's Atmosphere

Climate.. Collective State of the Earth's Atmosphere over a Longer Period of Time (30 years)

Hurricane Fabian was located over the Atlantic Ocean near 30.8N 65.4W at 15:00 UTC. Fabian has been moving northward at 15 knots with maximum sustained winds estimated at 105 knots, gusts to 130 knots.



What is a Meteorologist?

- A Person.. With Scientific Training.. That Studies the Atmosphere.. And Then Forecasts How the Atmosphere Will Change over Time
- Weather Forecasting is NOT a Perfect Science!!!



What Things Make Up “Weather?”

These are the Eight Elements of Weather..

- Air Temperature
- Humidity
- Clouds
- Precipitation
- Wind Direction
- Wind Speed
- Visibility
- Air Pressure

Texas Dynamic Weather

- Tornadoes
- Tropical Cyclones
- Lightning
- Hail
- Floods / Flash Floods
- Drought / Heat
- Winter Weather / Chill



Any Questions?

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