



Texas Gulf Coast Regional Voluntary Organizations Active in Disaster

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SITUATION BRIEF

CSU Issues Update Hurricane Forecast

TGCRVOAD (June 5, 2023) - On June 1, 2023, the Colorado State University (CSU) Tropical Weather & Climate Research Center released an updated forecast for the 2023 Atlantic Hurricane Season. The researchers based their forecast on the assumption that a strong El Niño will prevent the formation of tropical storms, while warm waters in the tropical and subtropical Atlantic will promote their development. According to the CSU forecast, the hurricane season is expected to be near average.

Forecast Parameters	CSU Forecast for 2023*	Average for 1991-2020
Named Storms	15	14.4
Named Storm Days	60	69.4
Hurricanes	7	7.2
Hurricane Days	30	27.0
Major Hurricanes	3	3.2
Major Hurricane Days	7	7.4
Accumulated Cyclone Energy+	125	123

We remind our Members and Partners that it only takes one tropical storm or hurricane making landfall on the Upper Texas Gulf Coast to make it an above-average year for us! With warm Gulf of Mexico waters, we can expect storms to intensify just before they make landfall.

Looking at our five coastal counties (Matagorda, Brazoria, Galveston, Harris, and Chambers), the probability of a named storm making landfall is about 29-34% (once every three years). We have a 16-19% chance of a hurricane (once every five or six years) and a 6-8% chance of a major hurricane (categories 3, 4, or 5).

Reference:

<https://tropical.colostate.edu/forecasting.html>

<https://theyewall.com/>