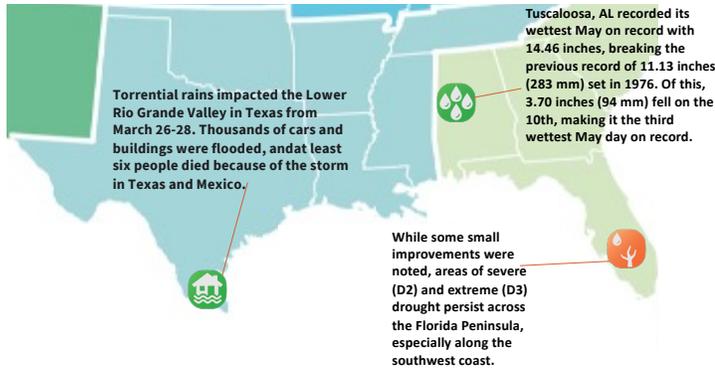




Gulf Coast Region Significant Events — Spring 2025



Overview

Spring began with above normal temperatures in much of the Gulf Region, with most stations running 1F-6F above normal. Slightly below normal temperature were evident in Florida. Precipitation was above normal along much of the Gulf Coast and below normal in South Florida.

In April, Deep South Texas, much of Florida, and much of the Gulf Coast saw well below normal precipitation. Temperatures were above normal across the entire Gulf Region in April.

May temperatures were well above normal in the southern portions of the Gulf Region, 3-6F above normal in many places. Precipitation was well above normal across the entire Gulf Region in May with most stations running 150 percent to 300 percent of normal.

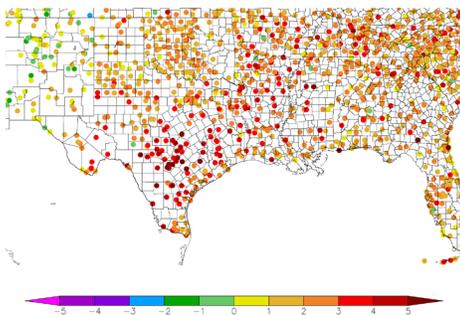
Above normal temperatures and wet conditions were the theme for much of the Gulf Region during spring 2025. Heavy rainfall impacted most of the Region, in May especially, with flooding and related fatalities in many areas of the Region. Drought has improved and exited much of the Gulf Region but persists in the Florida Peninsula.

Regional Climate Overview — Spring 2025

Temperature and Precipitation

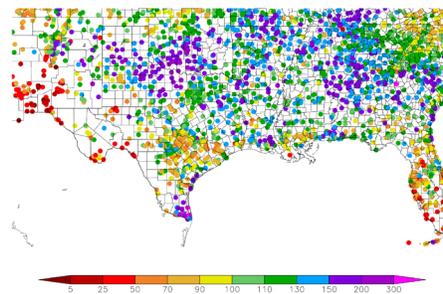
Departure from Normal Temperature °F

3/1/2025 – 5/31/2025



Percent of Normal Precipitation (%)

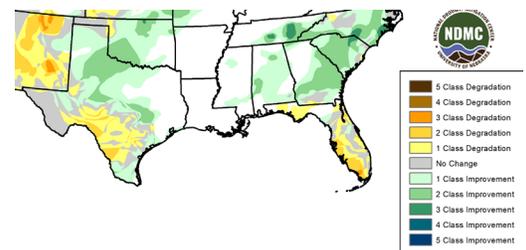
3/1/2025 – 5/31/2025



Drought

Overall Change

3/4/2025 – 5/27/2025



Spring 2025 temperatures were above normal for the entire Gulf Region, with most stations observing 1F to 5F above normal. The greatest departures from normal were in Central and South Texas, with stations running 4F to 5F above normal. The relative cool spot was South Florida, where most stations ran 1F to 2F above normal.

Precipitation was above normal across much of the Gulf Region in spring, with many stations averaging 150 to 300 percent of normal precipitation in Deep South Texas, Southeast Texas, much of Louisiana, Mississippi, and Alabama. Below normal precipitation was evident in the Texas Coastal Bend, Southeast Louisiana, and much of Florida.

The western and eastern extremes of the Region saw degradation in drought conditions, with Southwest Texas and South Florida seeing one to three classes of degradation over spring. Alabama, North Texas, Deep South Texas, Oklahoma, and isolated areas of Mississippi and Florida saw one to three classes of improvement.

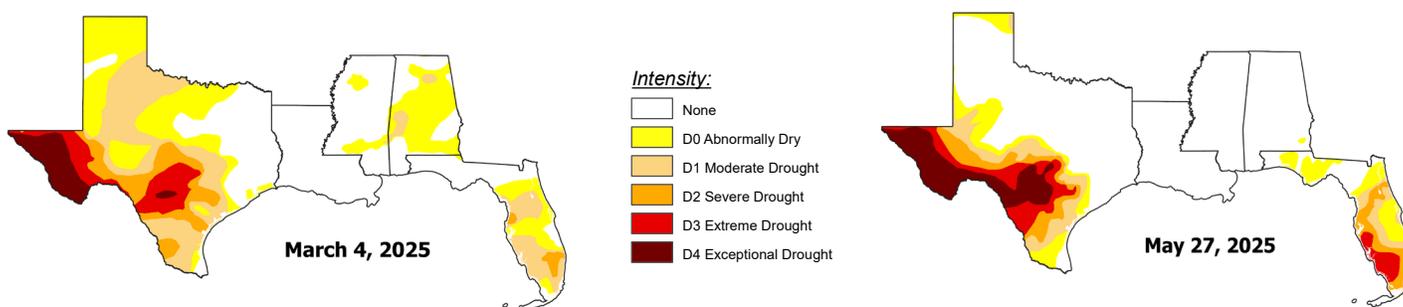


Gulf Coast Regional Impacts

Drought, Agriculture, and Water Supply

Spring 2025 saw the total amount of area experiencing drought in the Gulf Region decrease from 34.4 percent on March 4th to 26.7 percent on May 27th. Much of this improvement came in Central, North, and Deep South Texas; Alabama; and isolated portions of Florida and Mississippi. Degradations were observed in Southwest Texas and much of Florida. As of May 27th, 64.4 percent of the Gulf Region was free of drought. 8.9 percent of the Region was Abnormally Dry (D0), 6.9 percent of the Region was in Moderate Drought (D1), 6.2 percent in Severe Drought (D2), 6.0 percent in Extreme Drought (D3), and 7.6 percent of the Region in Exceptional Drought (D4). As of May 27th, all of Alabama, Mississippi, and Louisiana were free of drought.

In contrast to dryness in Florida and Texas, several areas in the Gulf Region recorded well above normal precipitation. Deep South Texas, East Texas, Western Louisiana, and Alabama received 150 to 300 percent of normal precipitation. No other portions of the region had well above normal precipitation.

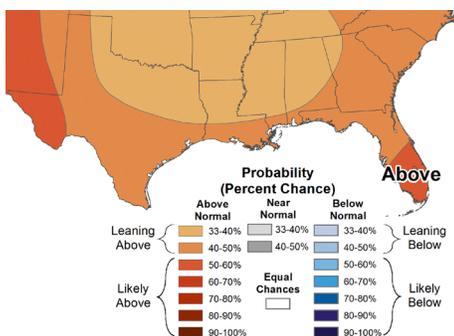


US Drought Monitor depiction of the Southern Region. The US Drought Monitor is produced by the National Drought Mitigation Center, the USDA, and NOAA.

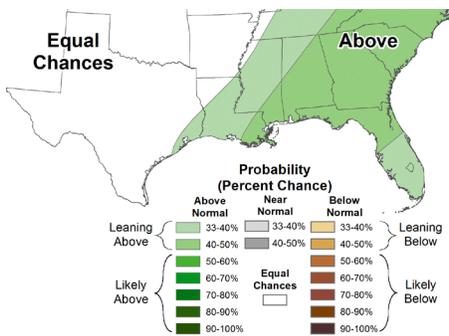
Seasonal Outlook

Temperature

Outlook for July-September 2025



Precipitation



The seasonal temperature outlook from NOAA's Climate Prediction Center calls for enhanced probabilities of above average temperature for the entire Gulf Region. The highest probabilities, 50-60 percent chance of above normal temperatures, are in Far West Texas and Southern Florida. Across the remainder of the Gulf Region, the southern portions show 40-50 percent chance and the northern portions 33-40 percent chance.

The precipitation outlook for July through September calls for enhanced probabilities of above normal precipitation across much of Louisiana, Mississippi, all of Alabama and Florida, and extreme Southeast Texas. The greatest probabilities, 40-50 percent, are in Southern Alabama, Northern Florida, Southern Mississippi, and Southeastern Louisiana. The remainder of the region shows equal chances of above or below normal precipitation.

Hurricane Outlook

The 2025 Atlantic hurricane season, including the Gulf of America, is predicted to be above normal by NOAA and Colorado State University. This summer, expect a higher number of named storms, hurricanes, and major hurricanes due to warmer-than-normal Atlantic Ocean temperatures, especially in the Gulf.

Gulf Coast Partners

NOAA/NWS Climate Prediction Center
(cpc.ncep.noaa.gov)

NOAA National Centers for Coastal Ocean Science
(coastalscience.noaa.gov)

NOAA Gulf of America Collaboration Team
(noaa.gov/regional-collaboration-network/regions-gulf-of-america)

NOAA/NESDIS National Centers for Environmental Information
(ncei.noaa.gov)

Southeast Regional Climate Center
(sercc.com)

Southern Regional Climate Center
(srcc.tamu.edu)

