

# Drought Information Statement for Southeast Texas and Southwest Louisiana

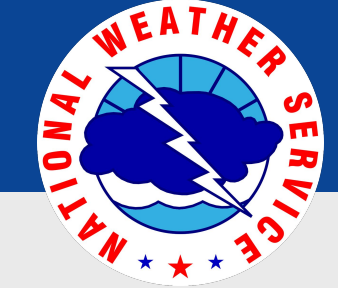
Valid February 8th, 2024

Issued By: National Weather Service Lake Charles, Louisiana

Contact Information: [sr-lch.ops@noaa.gov](mailto:sr-lch.ops@noaa.gov)

- This product will be updated as needed.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/lch/DroughtInformationStatement> for previous statements.





# U.S. Drought Monitor

February 8, 2024  
8:29 AM

Link to latest [U.S. Drought Monitor](#) for Texas and Louisiana

## Key Message

### • Drought Intensity and Extent

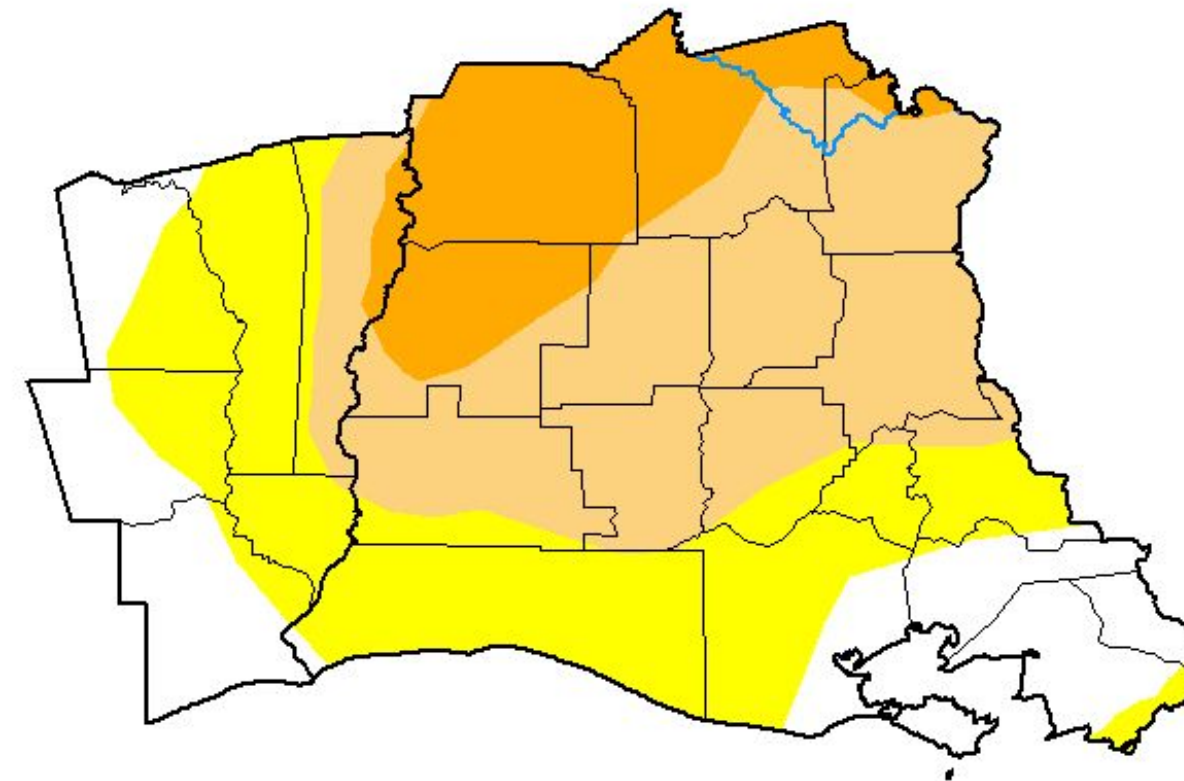
- **D2 (Severe Drought):** Beauregard, Vernon, Rapides Parishes.
- **D1 (Moderate Drought):** Calcasieu, Jefferson Davis, Acadia, St. Landry, Allen, Evangeline, Avoyelles Parishes. Newton County Texas.

## U.S. Drought Monitor Lake Charles, LA WFO

February 6, 2024  
(Released Thursday, Feb. 8, 2024)  
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	18.62	81.38	50.54	15.98	0.00	0.00
<b>Last Week</b> <i>01-30-2024</i>	1.40	98.60	75.05	44.90	7.37	0.00
<b>3 Months Ago</b> <i>11-07-2023</i>	0.00	100.00	100.00	99.64	97.74	93.54
<b>Start of Calendar Year</b> <i>01-02-2024</i>	0.00	100.00	100.00	84.16	53.02	28.24
<b>Start of Water Year</b> <i>09-26-2023</i>	0.00	100.00	100.00	100.00	99.99	88.86
<b>One Year Ago</b> <i>02-07-2023</i>	94.86	5.14	0.00	0.00	0.00	0.00



### Intensity:

None	D0 Abnormally Dry	D1 Moderate Drought	D2 Severe Drought
		D3 Extreme Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

### Author:

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National Drought Mitigation Center



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)



National Oceanic and Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Lake Charles, LA



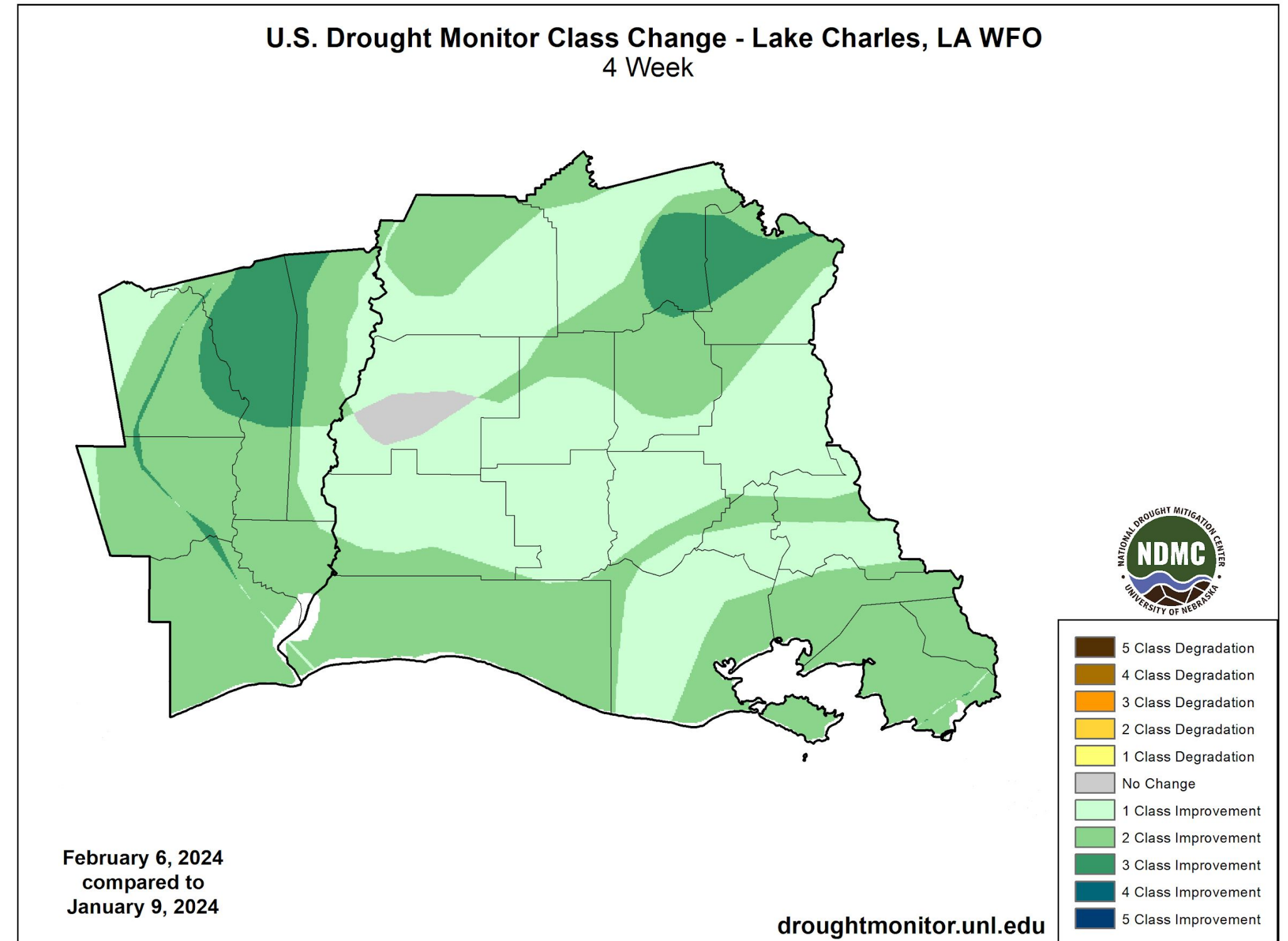
# Recent Change in Drought Intensity

February 8, 2024  
8:29 AM

Link to latest 4-week change map for southeast Texas and southwest Louisiana.

## 4 Week Drought Class Change

- Drought Improved: Area wide except for central Beauregard Parish.





# 30 Day Precipitation

February 8, 2024  
8:29 AM

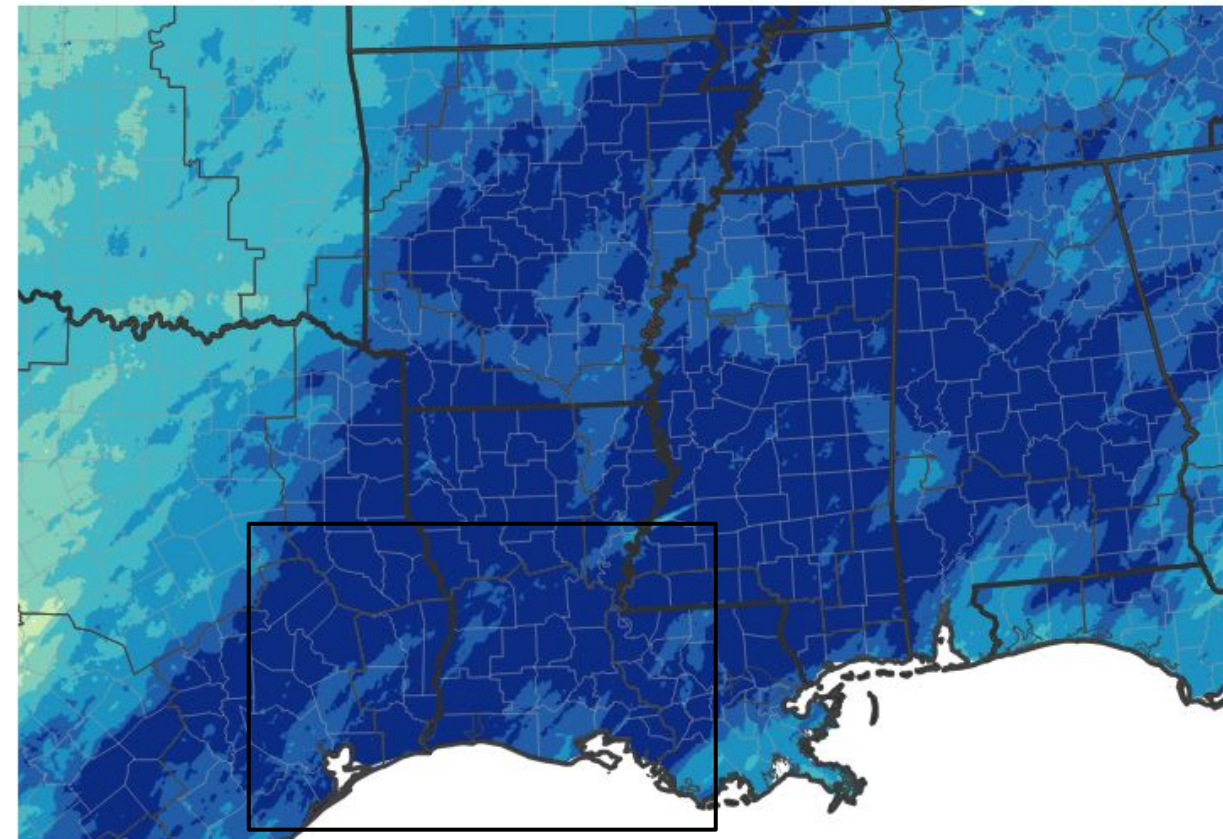
## 30 Day Precipitation Accumulation and Percent of Normal.

### 30 Day Rainfall Analysis

Roughly 6 to 8+ inches of rain has fallen over much of southwest Louisiana and southeast Texas over the past 30 days.

These amounts are roughly 100 to 300 percent of normal. Therefore, normal to above normal precipitation has occurred in widespread fashion across the region over the past 30 days.

30-Day Precipitation Accumulations (Inches)



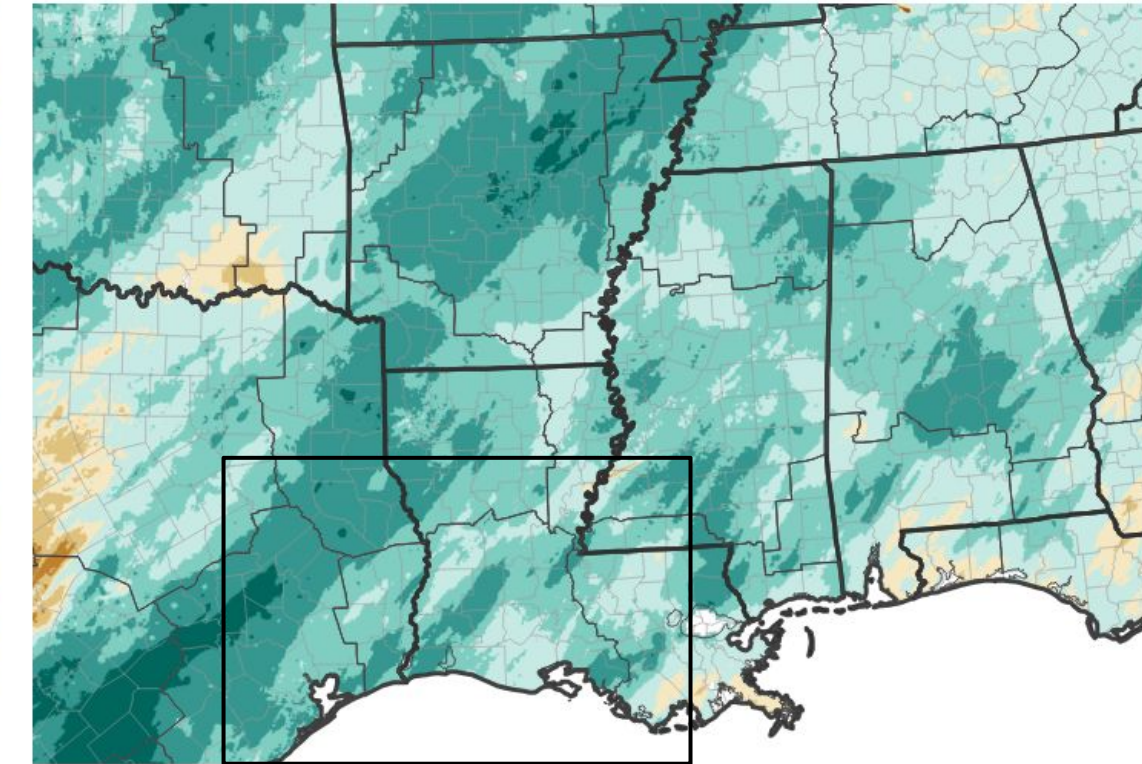
Inches of Precipitation



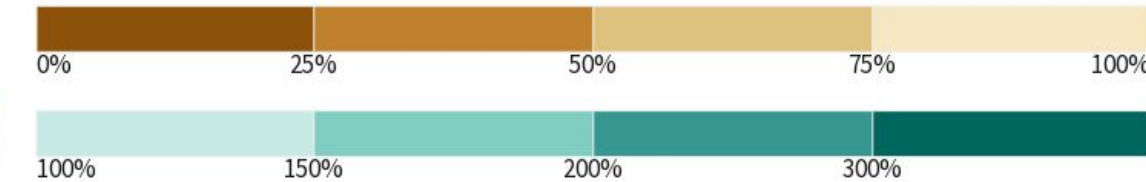
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 02/07/24

30-Day Percent of Normal Precipitation



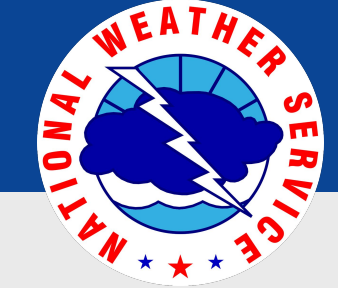
Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 02/07/24



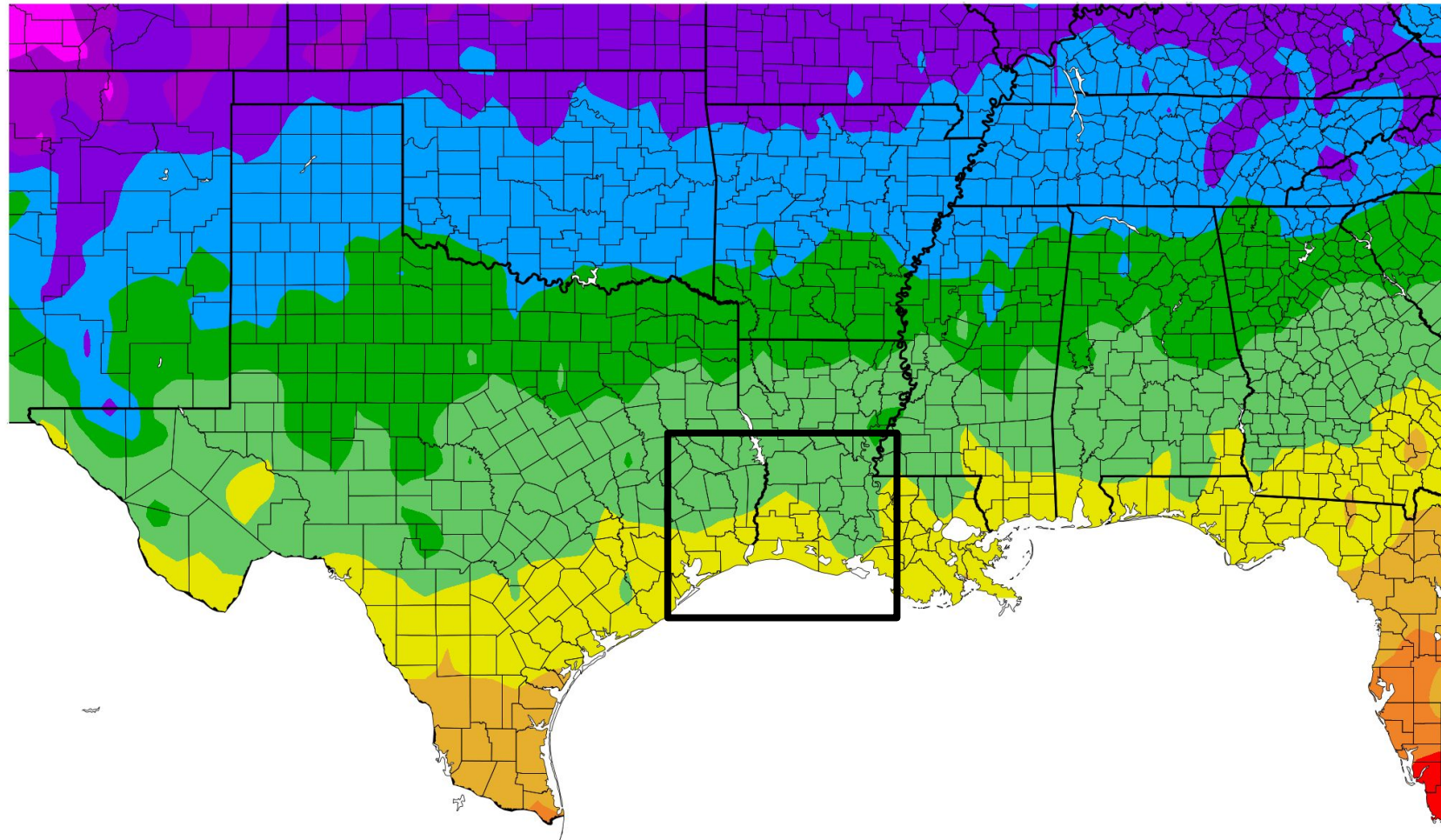


# 30 Day Average Temperature

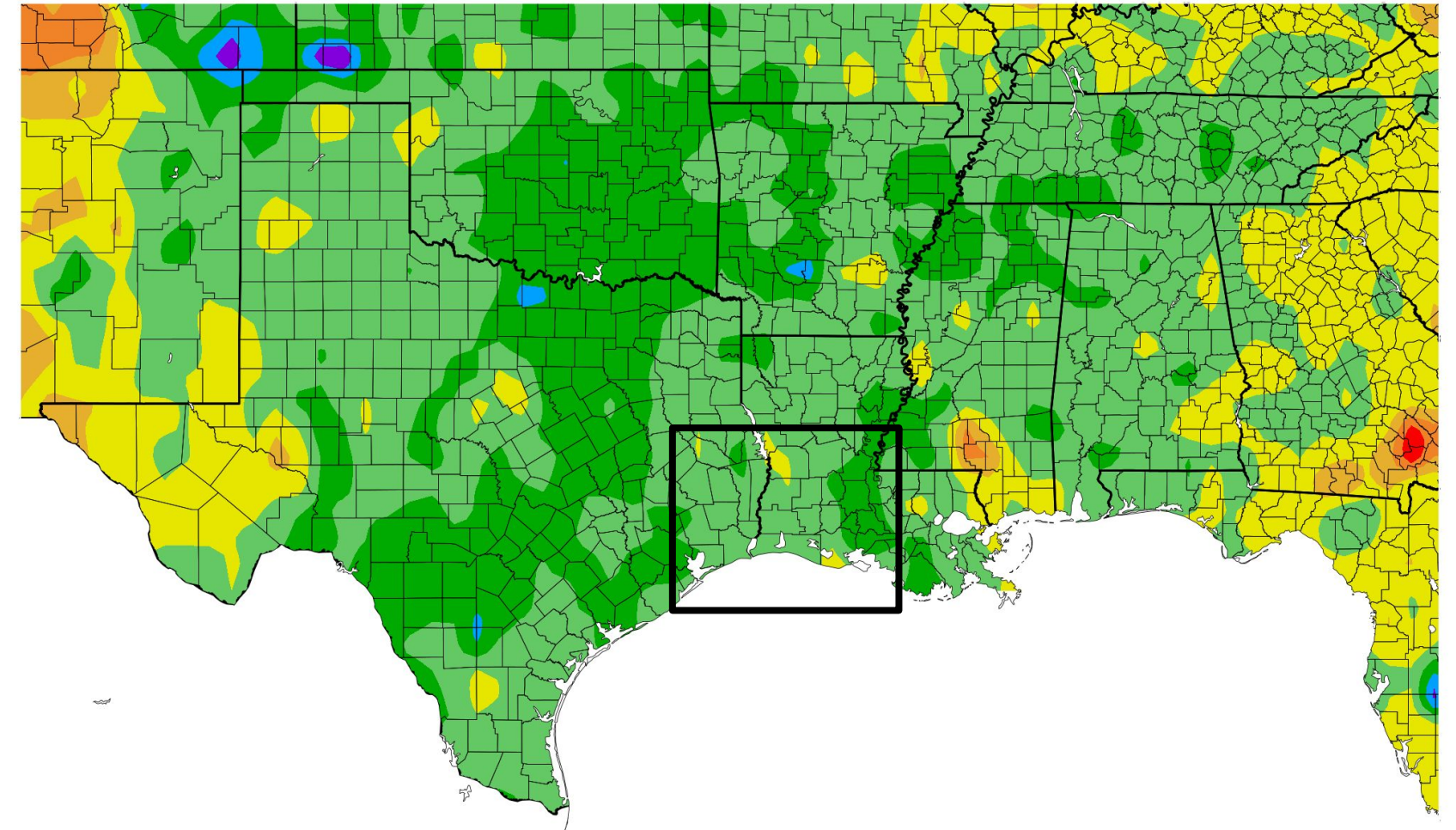
February 8, 2024  
8:29 AM

## 30 Day Average Temperature and Departure from Normal.

Temperature (F)  
1/9/2024 - 2/7/2024



Departure from Normal Temperature (F)  
1/9/2024 - 2/7/2024



Generated 2/8/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

Generated 2/8/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

**Temperatures over the past 30 days have been near to slightly below normal.**



National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Lake Charles, LA



# Summary of Impacts

February 8, 2024  
8:29 AM

View or Submit Impacts at [Conditions Monitoring Observer Reports](#) or the [Drought Impacts Reporter](#)

## Hydrologic Impacts

- None.

## Agricultural Impacts

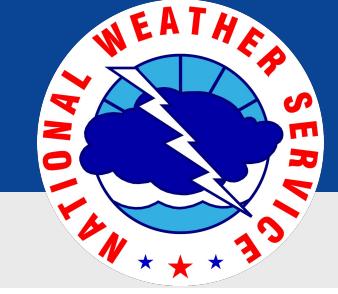
- Hay continues to have to be brought in to meet winter livestock demands.
- Crawfish production has been very low.

## Fire Hazard Impacts

- None

## Mitigation Actions

- None known

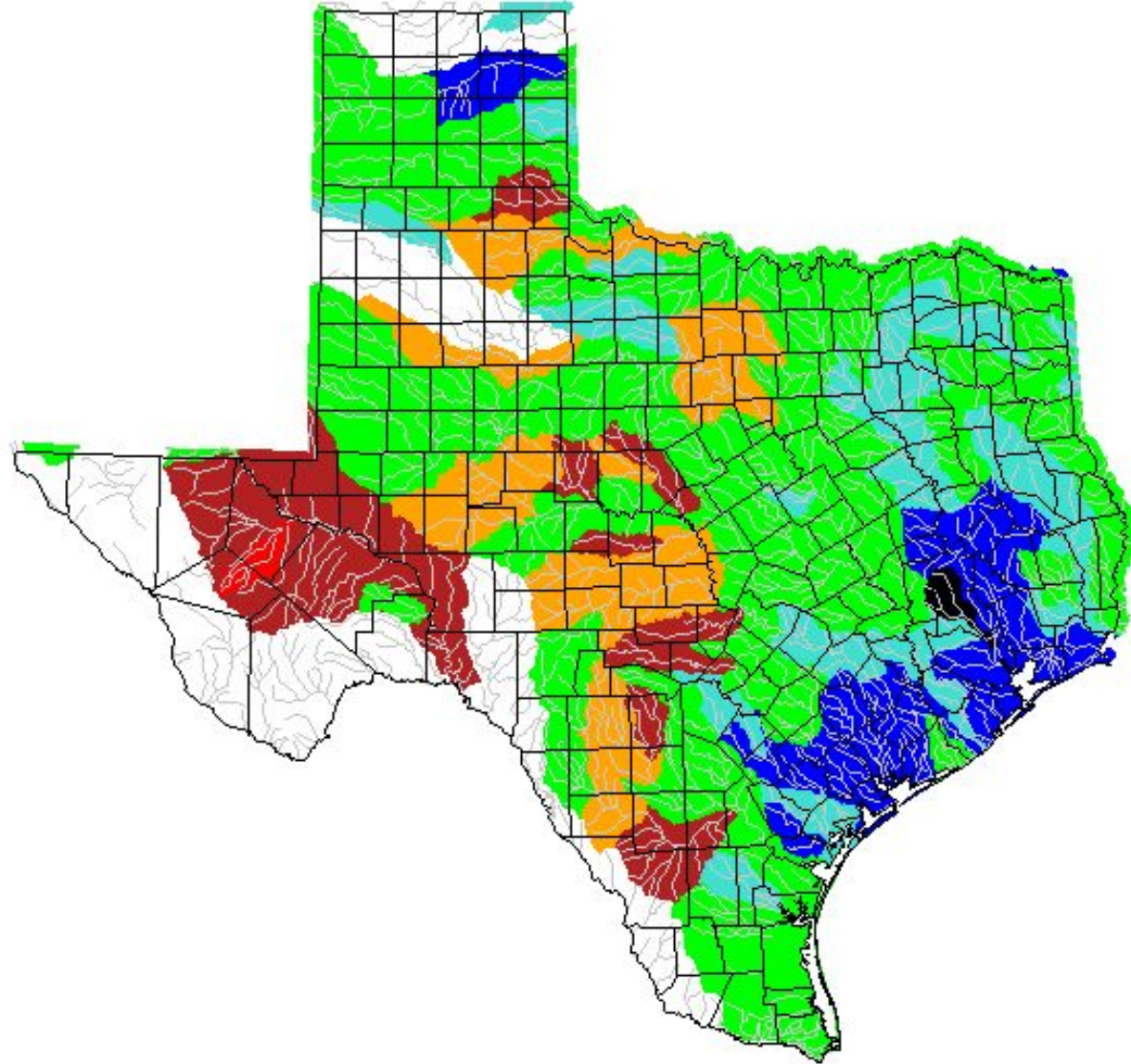


# Hydrologic Impacts

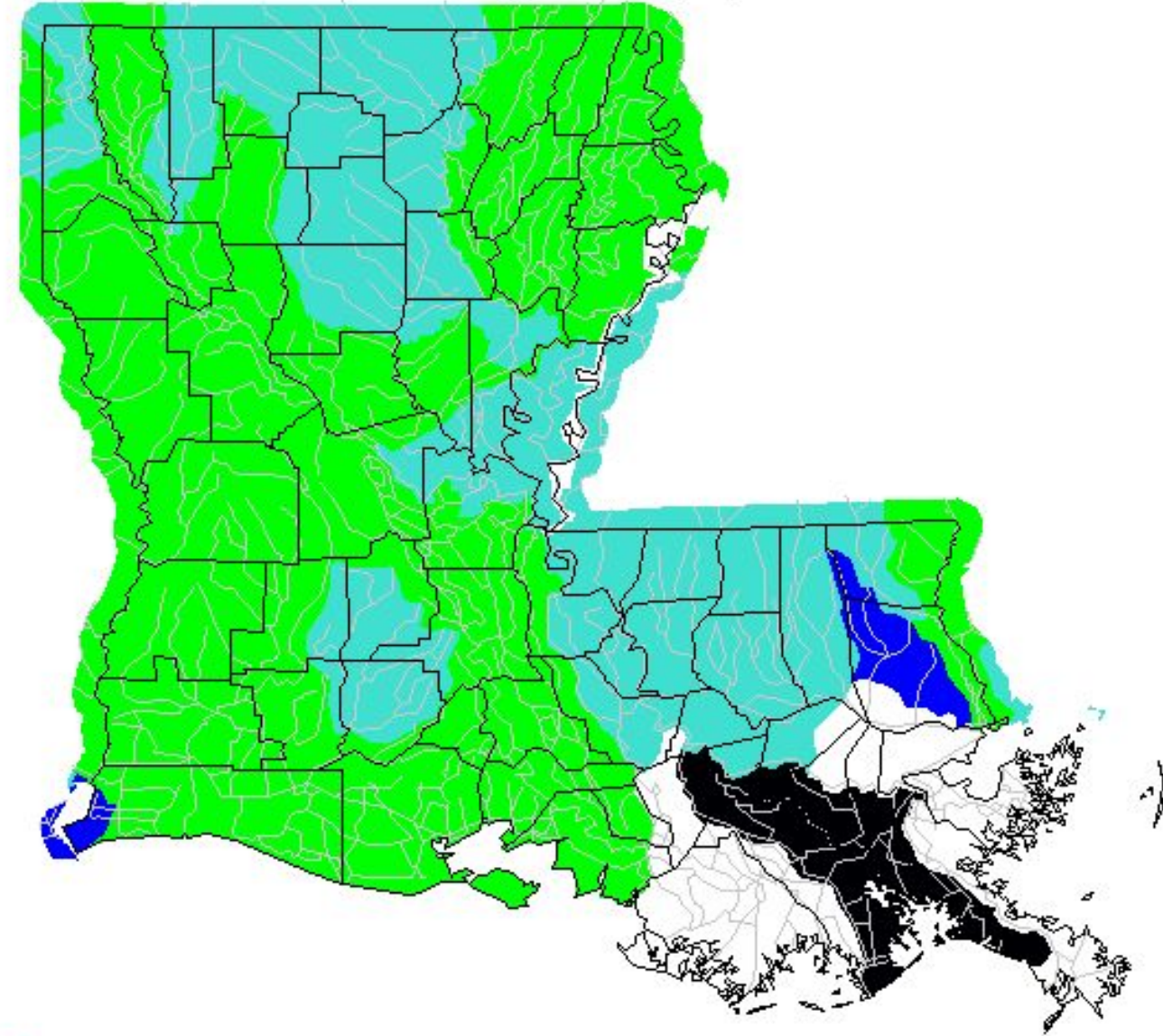
February 8, 2024  
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Streamflows are mostly running near to above normal in SW Louisiana and SE Texas.

Wednesday, February 07, 2024



Wednesday, February 07, 2024



Explanation - Percentile classes								
Low	<10	10-24	25-75	76-90	>90	High	No Data	
	Much below normal	Below normal	Normal	Above normal	Much above normal			



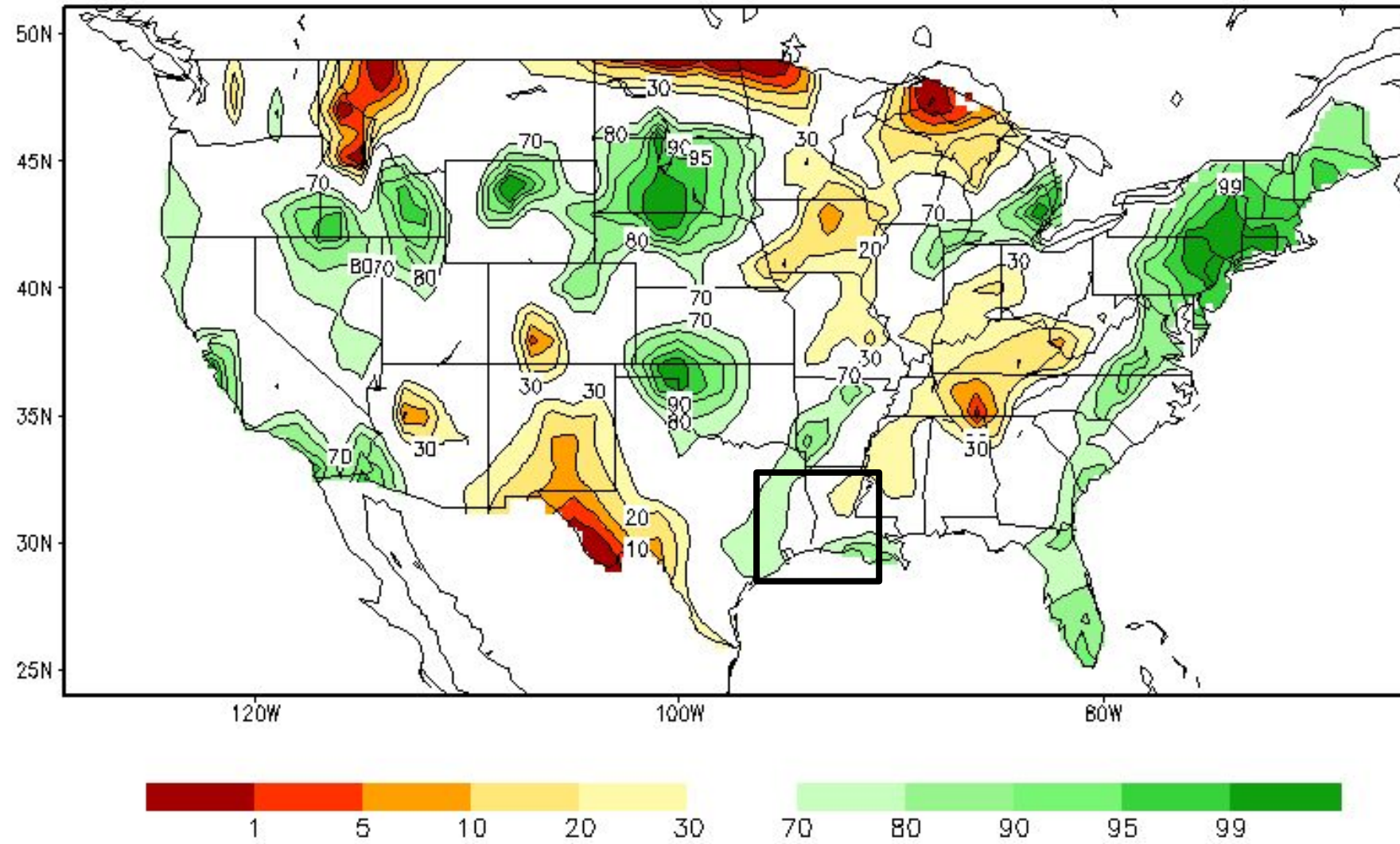


# Agricultural Impacts

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8:29 AM

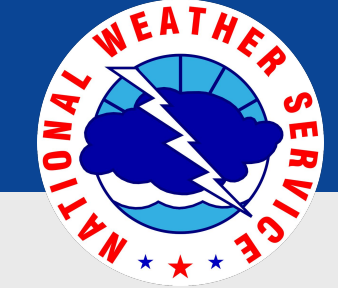
## Soil Moisture and Drought Severity Index by Ag Division

Calculated Soil Moisture Ranking Percentile  
FEB 07, 2024





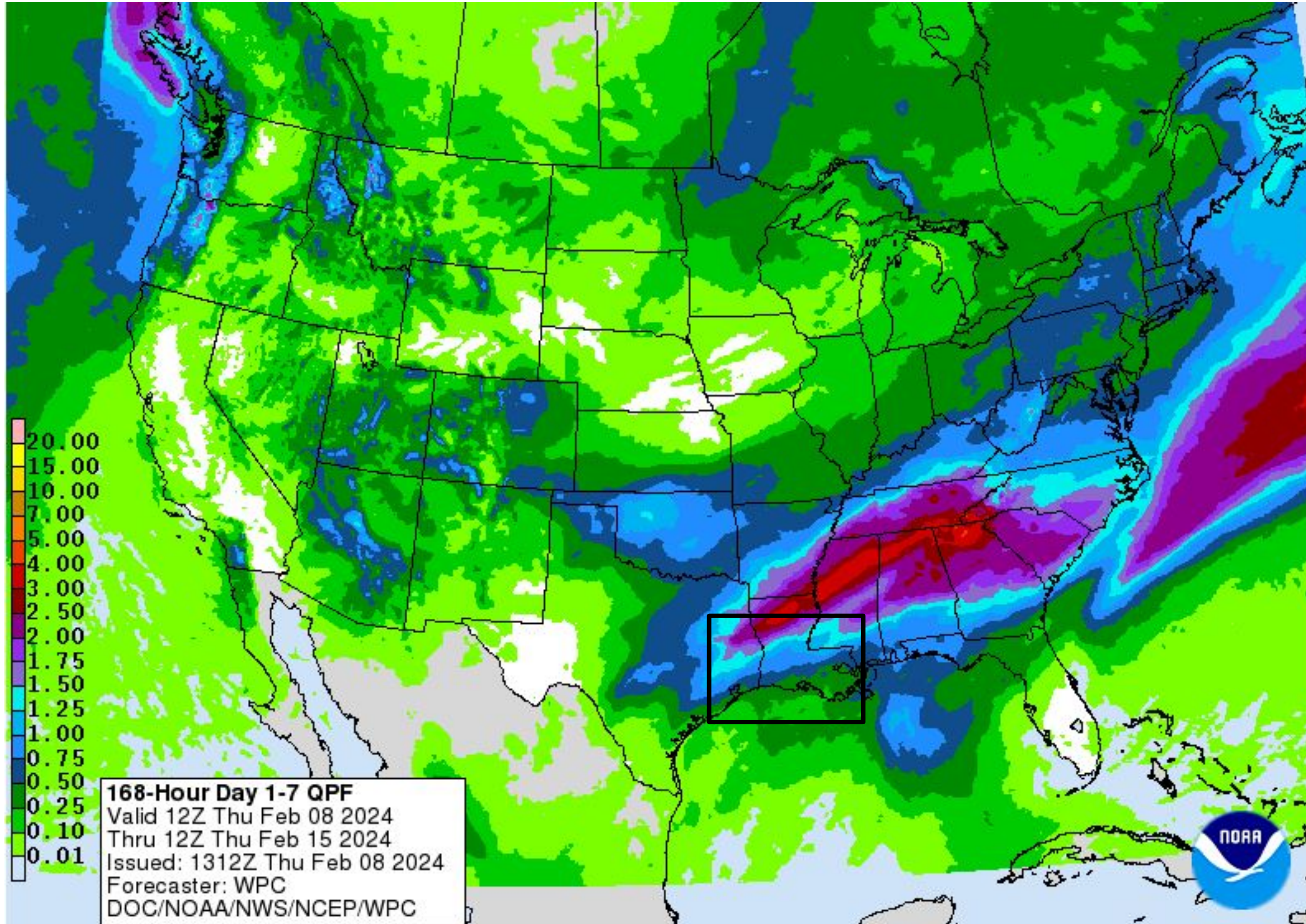




# Seven Day Precipitation Forecast

February 8, 2024  
8:29 AM

1 to 4 inches of rain is forecast through the next 7 days.





# Long Range Outlook through January

February 8, 2024  
8:29 AM

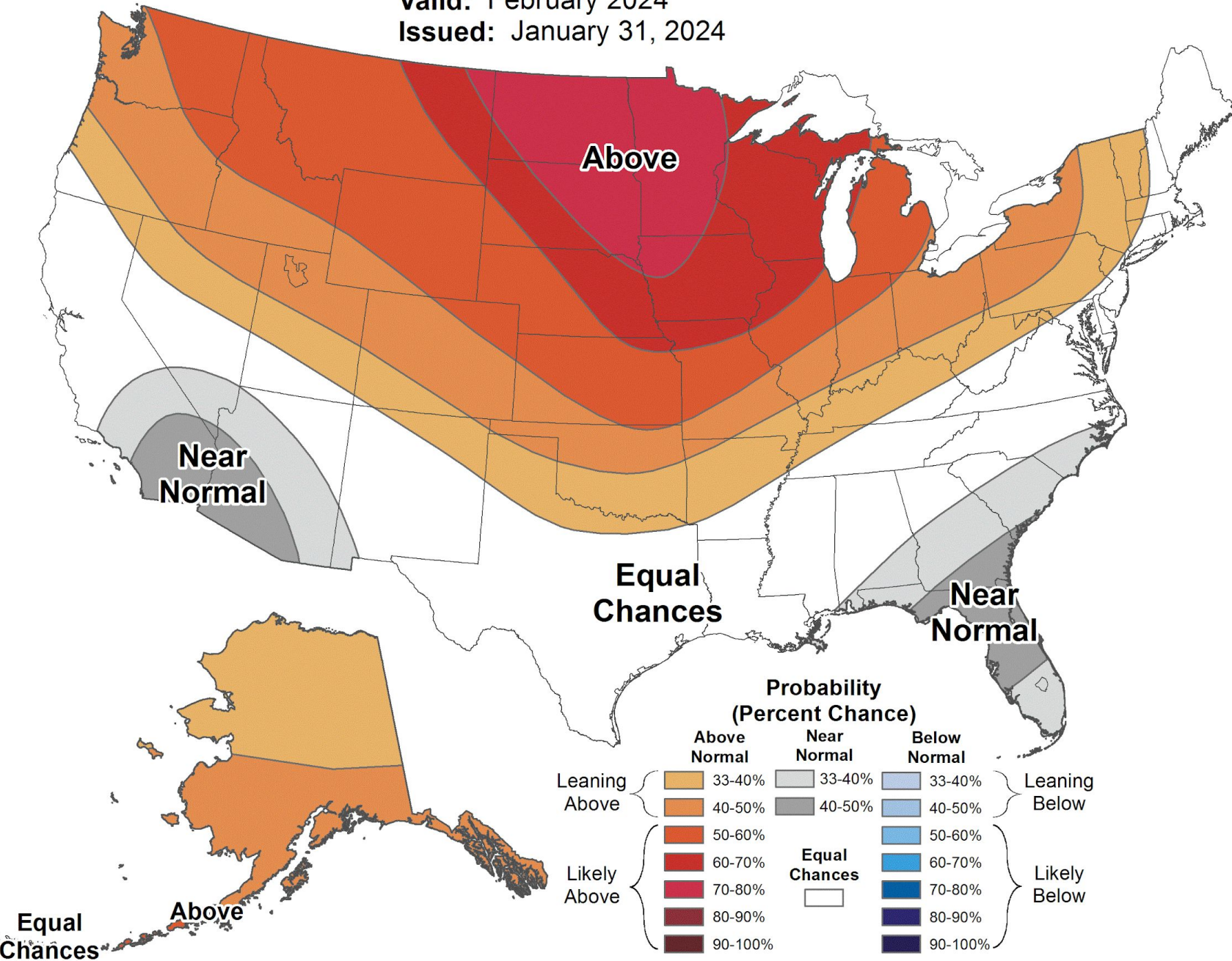
Chances favor near normal temperatures and above normal precipitation.



## Monthly Temperature Outlook



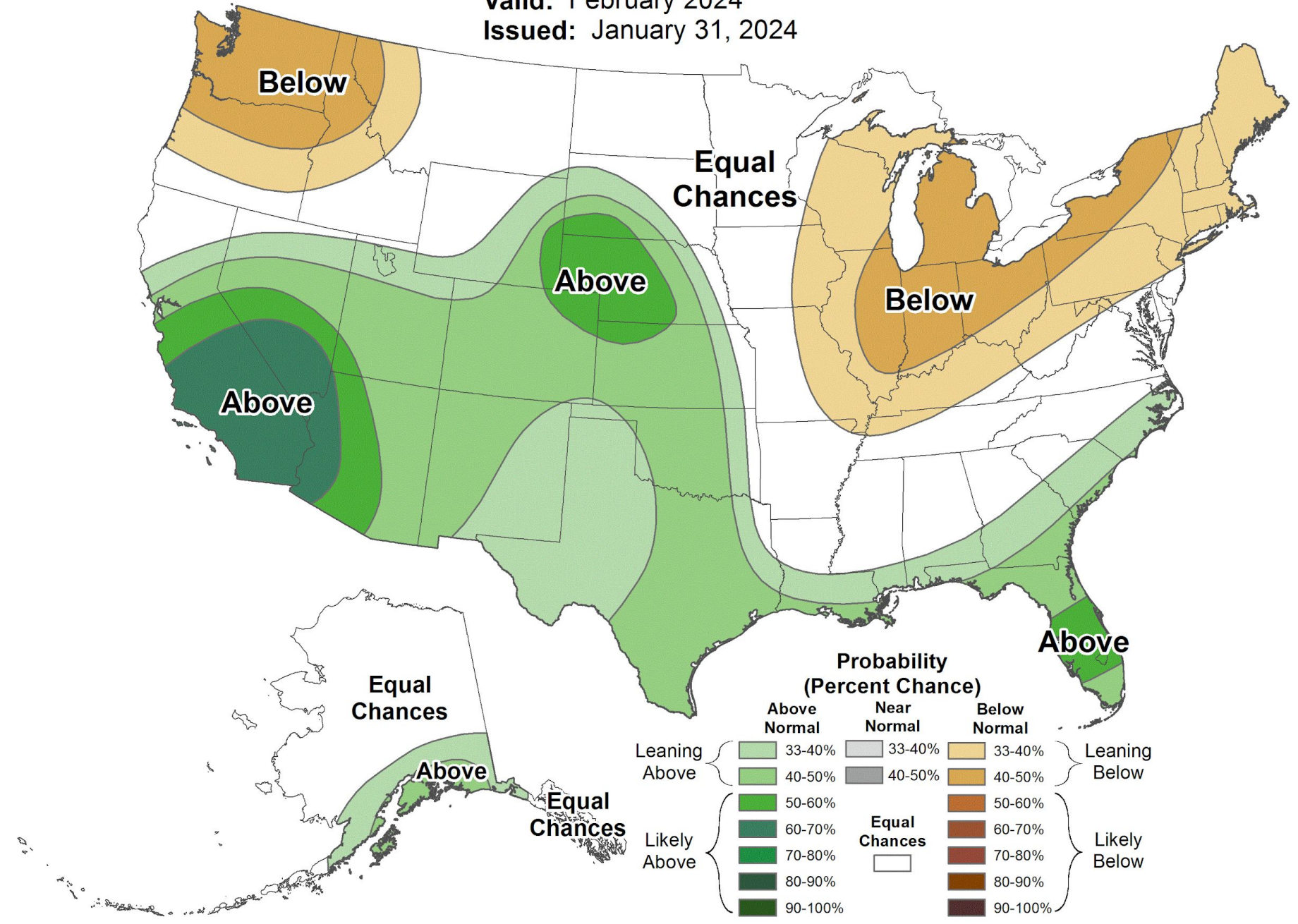
Valid: February 2024  
Issued: January 31, 2024



## Monthly Precipitation Outlook

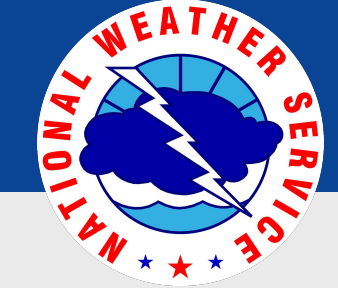


Valid: February 2024  
Issued: January 31, 2024



## February Outlook





# Drought Outlook

February 8, 2024  
8:29 AM

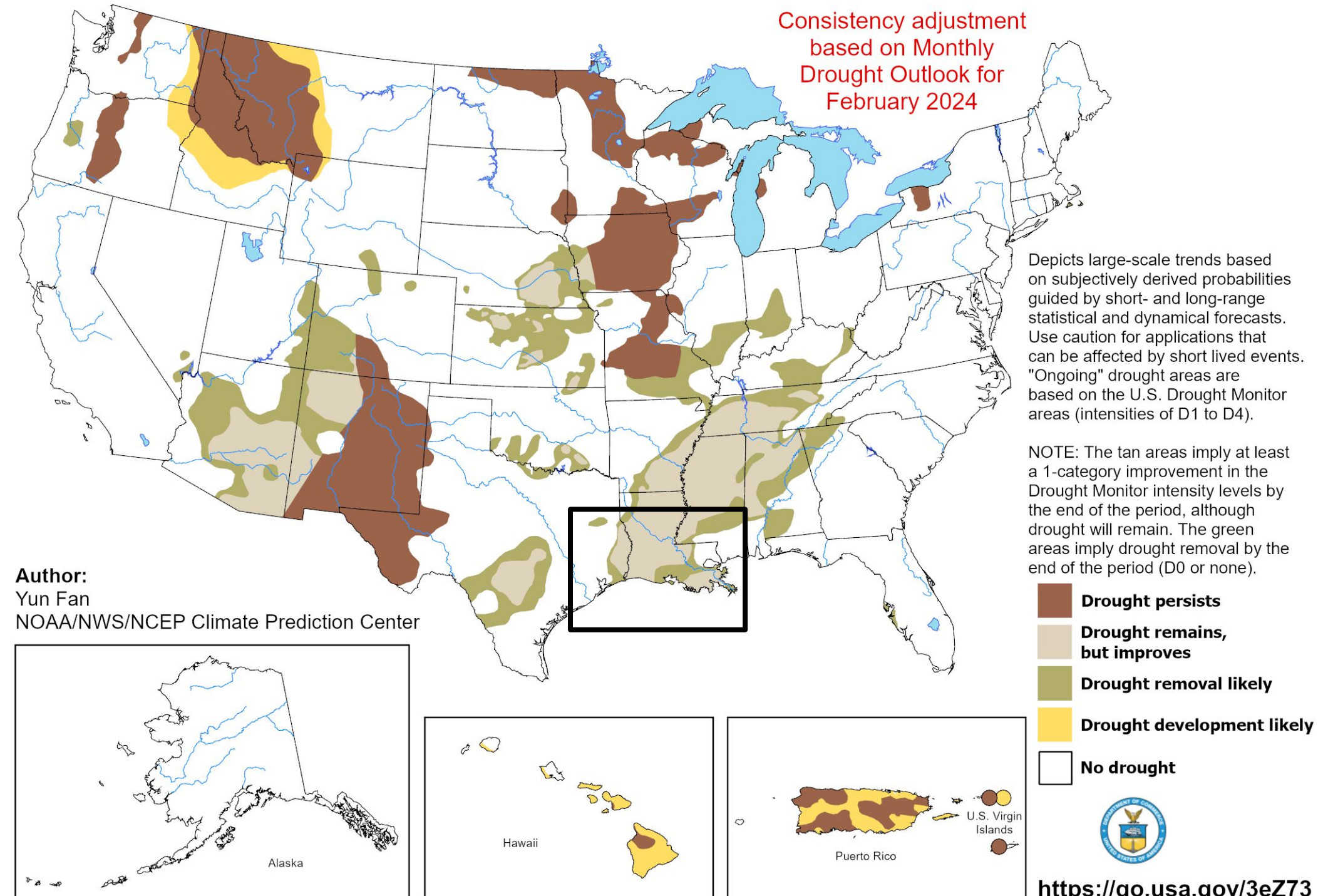
A three month drought tendency forecast.

## Key Message

Chances favor continued improving drought conditions across Louisiana and southeast Texas over the next few months.

## U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

Valid for February 1 - April 30, 2024  
Released January 31, 2024





- U.S. Drought Monitor [droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)
- NWS Lake Charles Phone Number: (337) 477-5285 ext. 1
- NWS Lake Charles Webpage: [www.weather.gov/LCH](https://www.weather.gov/LCH)
- Online Severe Weather Reporting: [stormReport](https://stormreport.com)
- NWS Lake Charles Facebook [www.facebook.com/NWSLakeCharles](https://www.facebook.com/NWSLakeCharles)
- NWS Lake Charles Twitter [twitter.com/NWSLakeCharles](https://twitter.com/NWSLakeCharles)



**Next Update:** As needed.