

Drought Information Statement for Southeast Texas and Southwest Louisiana

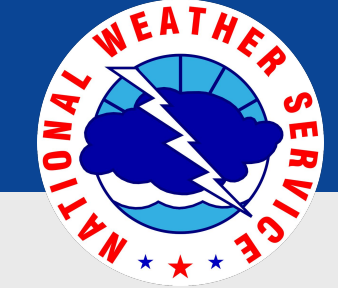
Valid February 8th, 2024

Issued By: National Weather Service Lake Charles, Louisiana

Contact Information: sr-lch.ops@noaa.gov

- 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

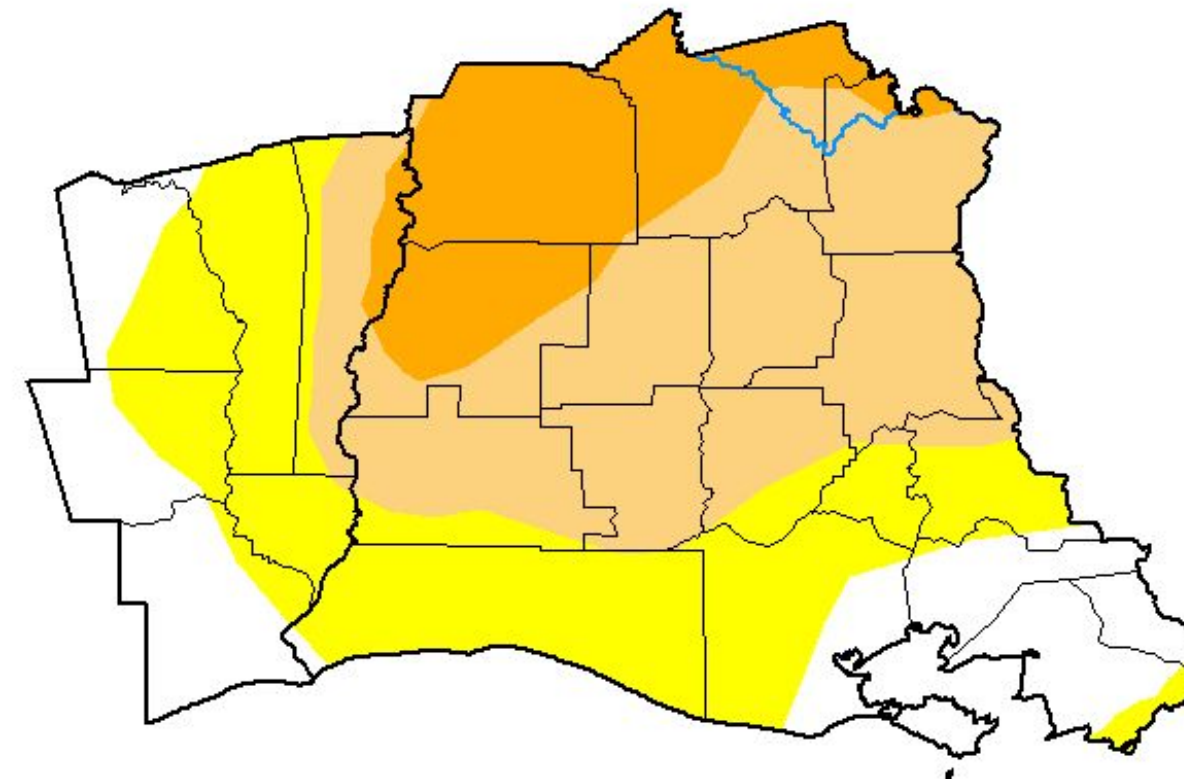
February 6, 2024

(Released Thursday, Feb. 8, 2024)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

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



Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate 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>

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National Drought Mitigation Center



droughtmonitor.unl.edu



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

National Weather Service
Lake Charles, LA



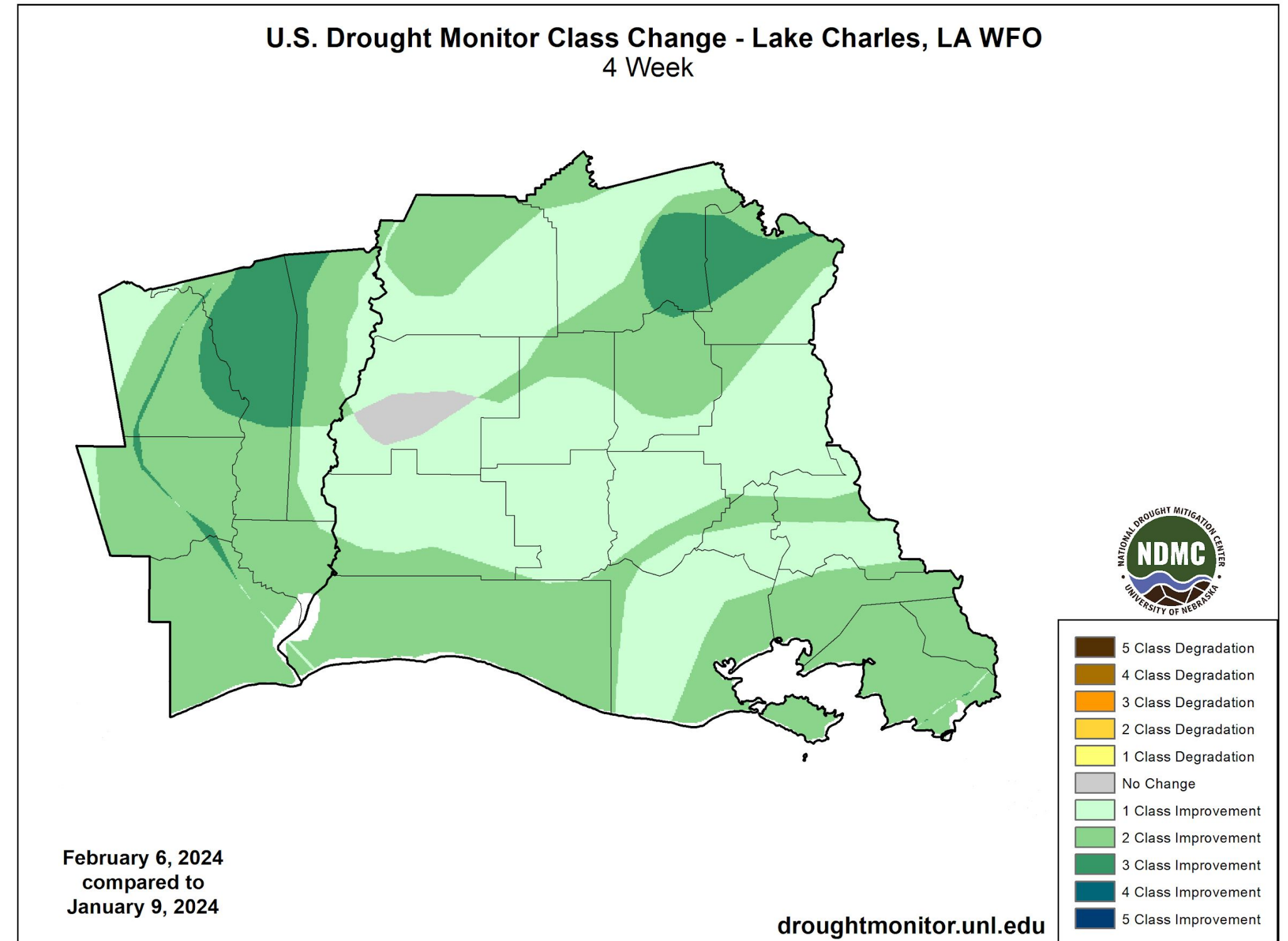
Recent Change in Drought Intensity

February 8, 2024
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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
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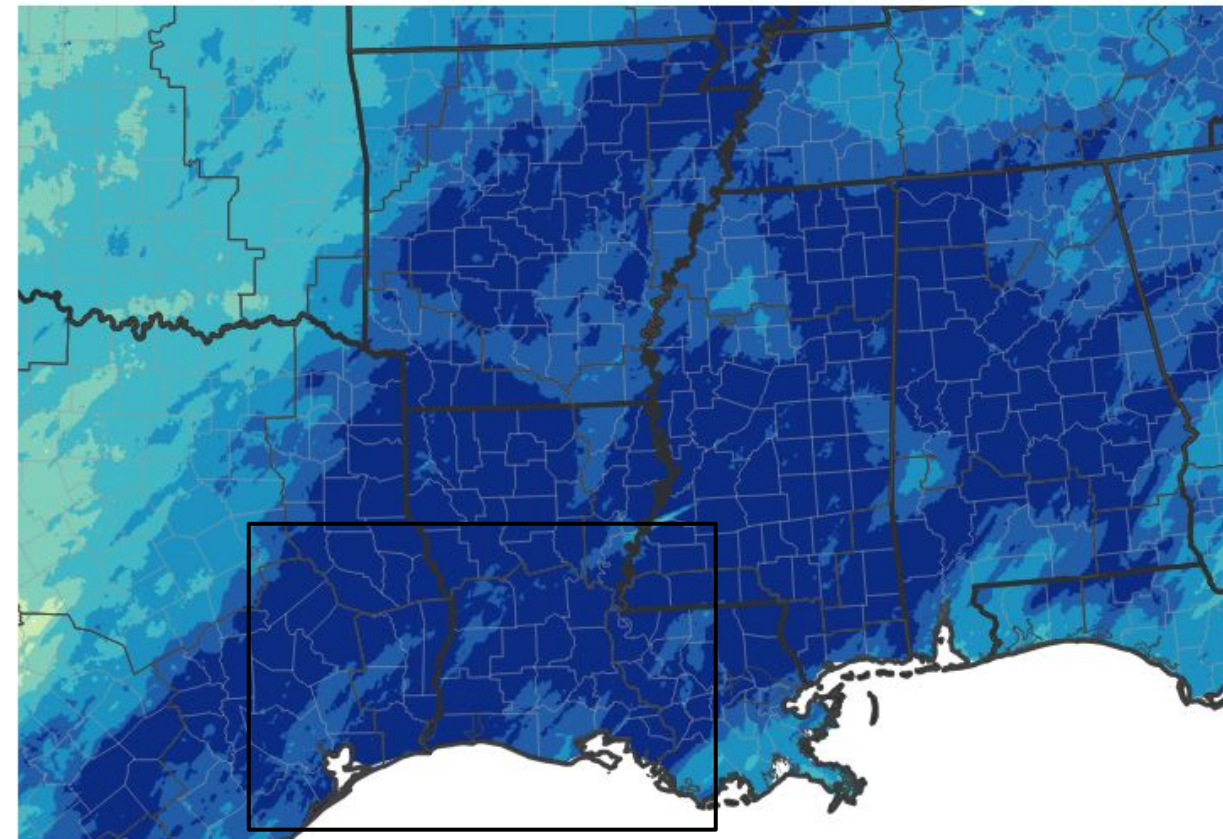
30 Day Precipitation Accumulation and Percent of Normal.

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)



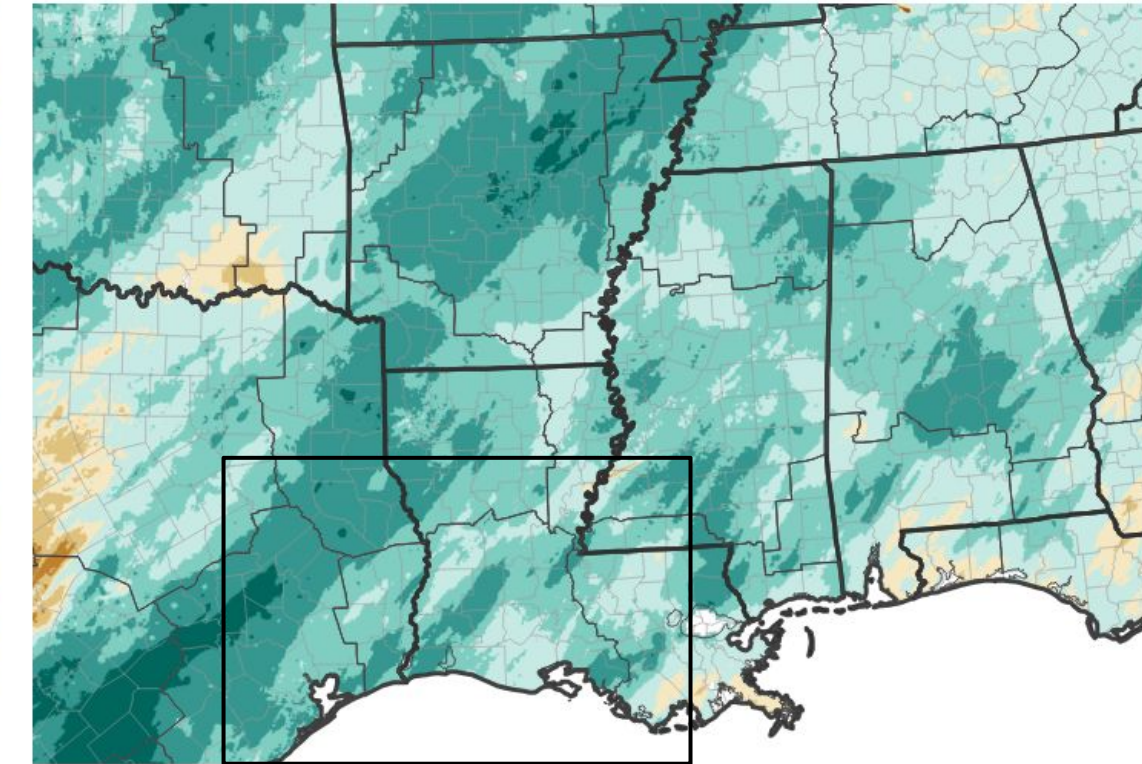
Inches of Precipitation



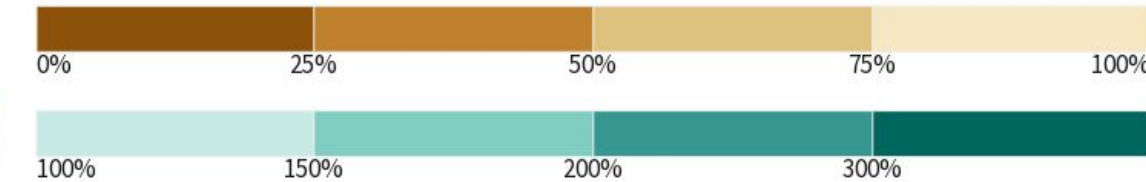
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 02/07/24

30-Day Percent of Normal Precipitation



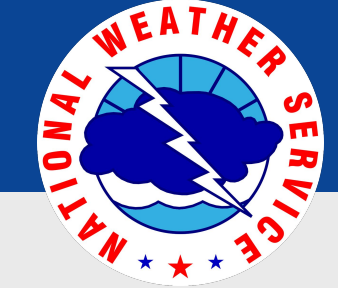
Percent of Normal Precipitation (%)



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

Last Updated: 02/07/24



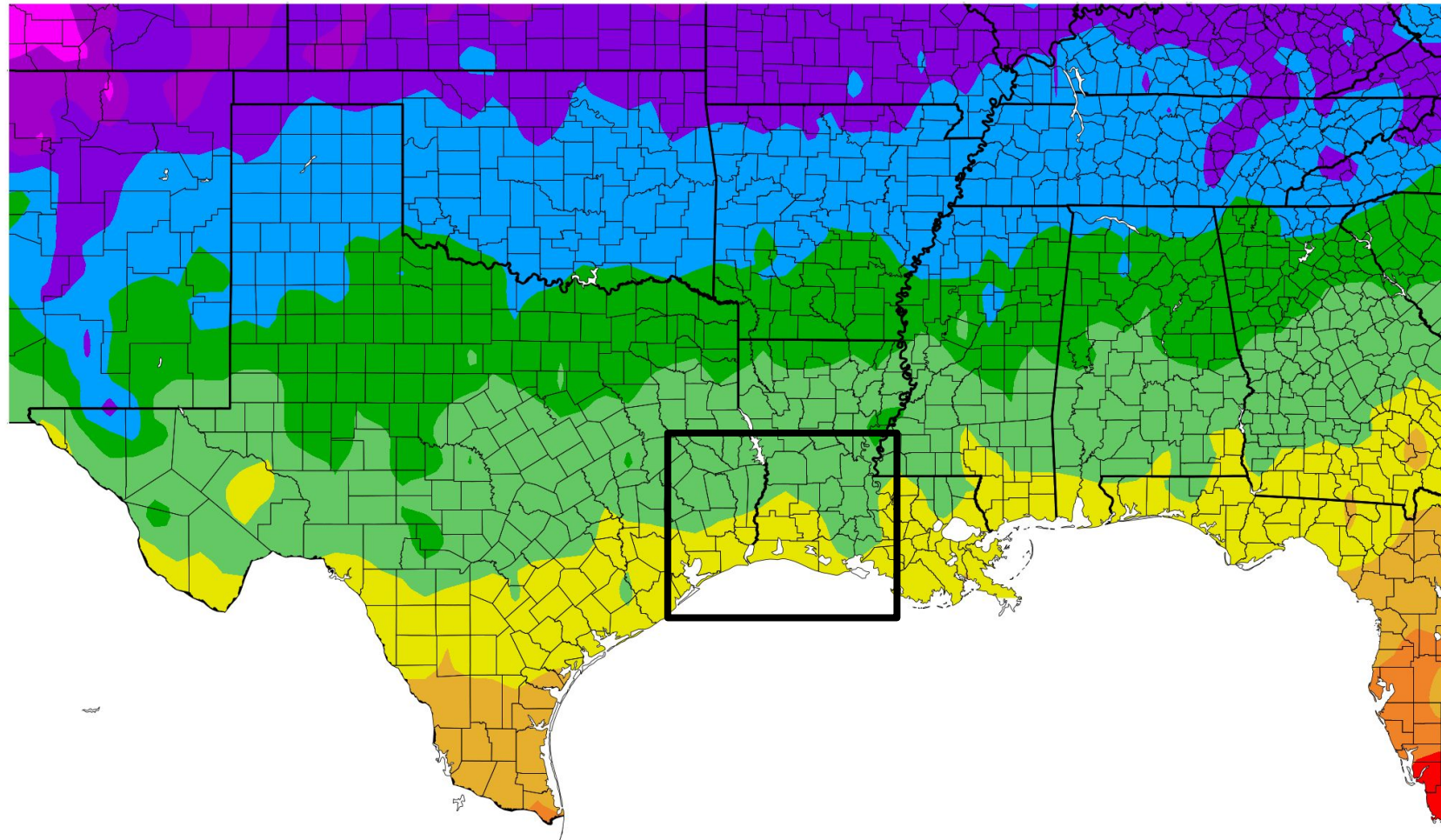


30 Day Average Temperature

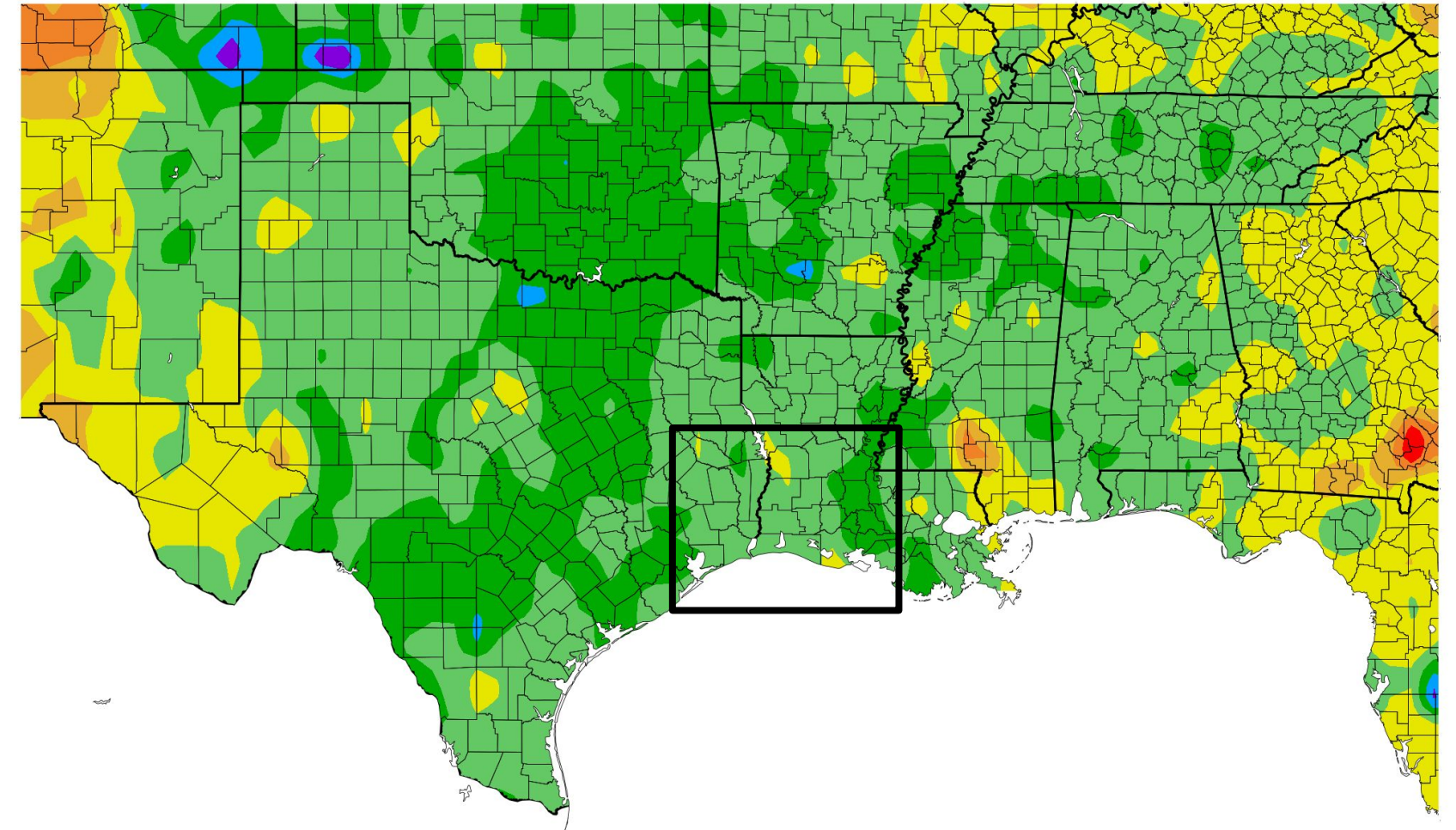
February 8, 2024
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30 Day Average Temperature and Departure from Normal.

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.



Summary of Impacts

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

Hydrologic Impacts

- None.

Agricultural Impacts

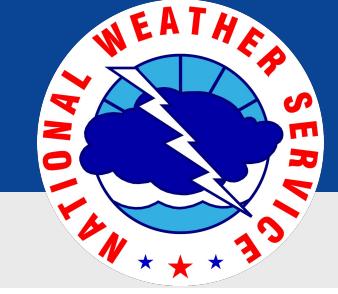
- Hay continues to have to be brought in to meet winter livestock demands.
- Crawfish production has been very low.

Fire Hazard Impacts

- None

Mitigation Actions

- None known

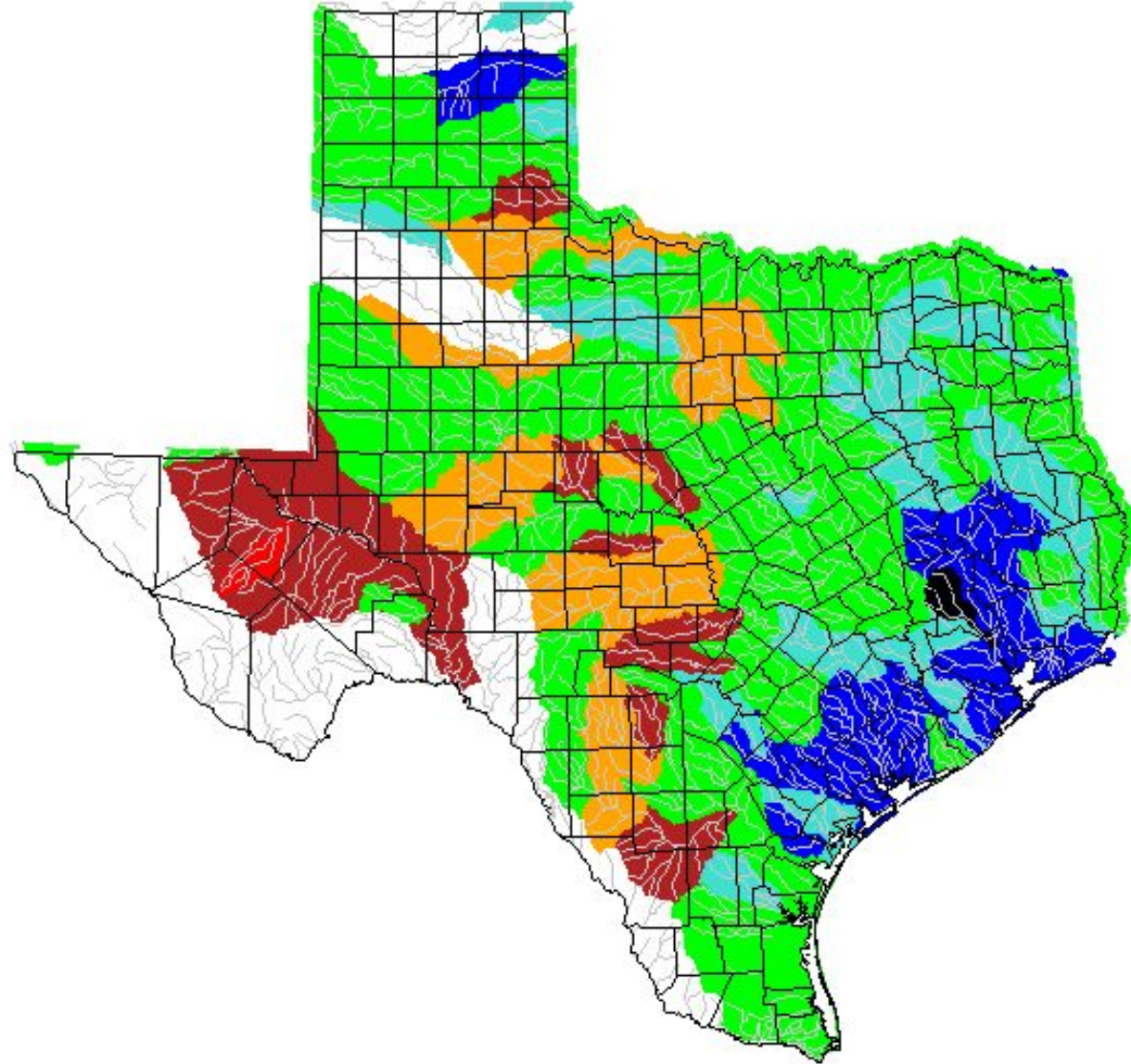


Hydrologic Impacts

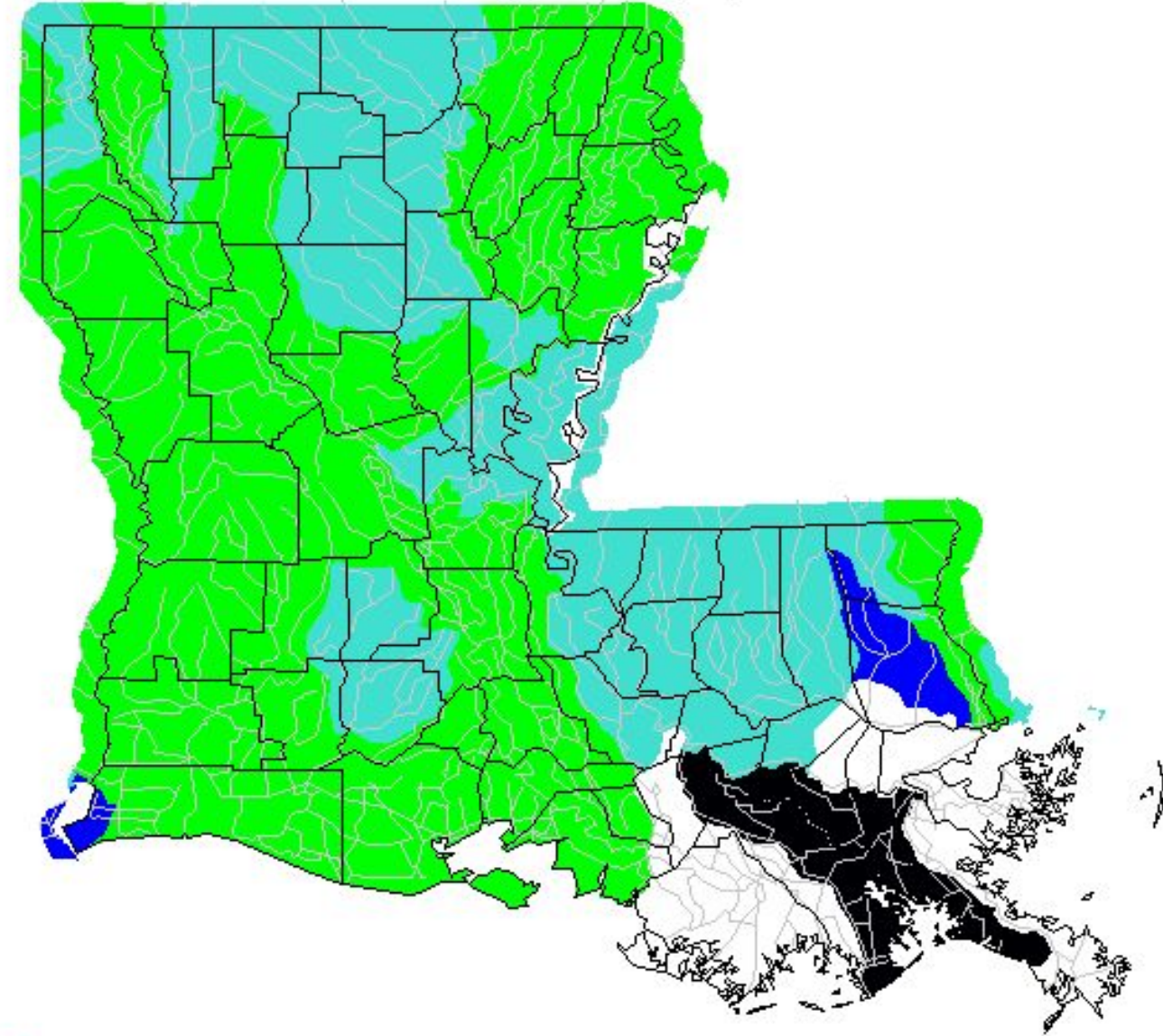
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Streamflows are mostly running near to above normal in SW Louisiana and SE Texas.

Hednesday, February 07, 2024



Hednesday, 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			



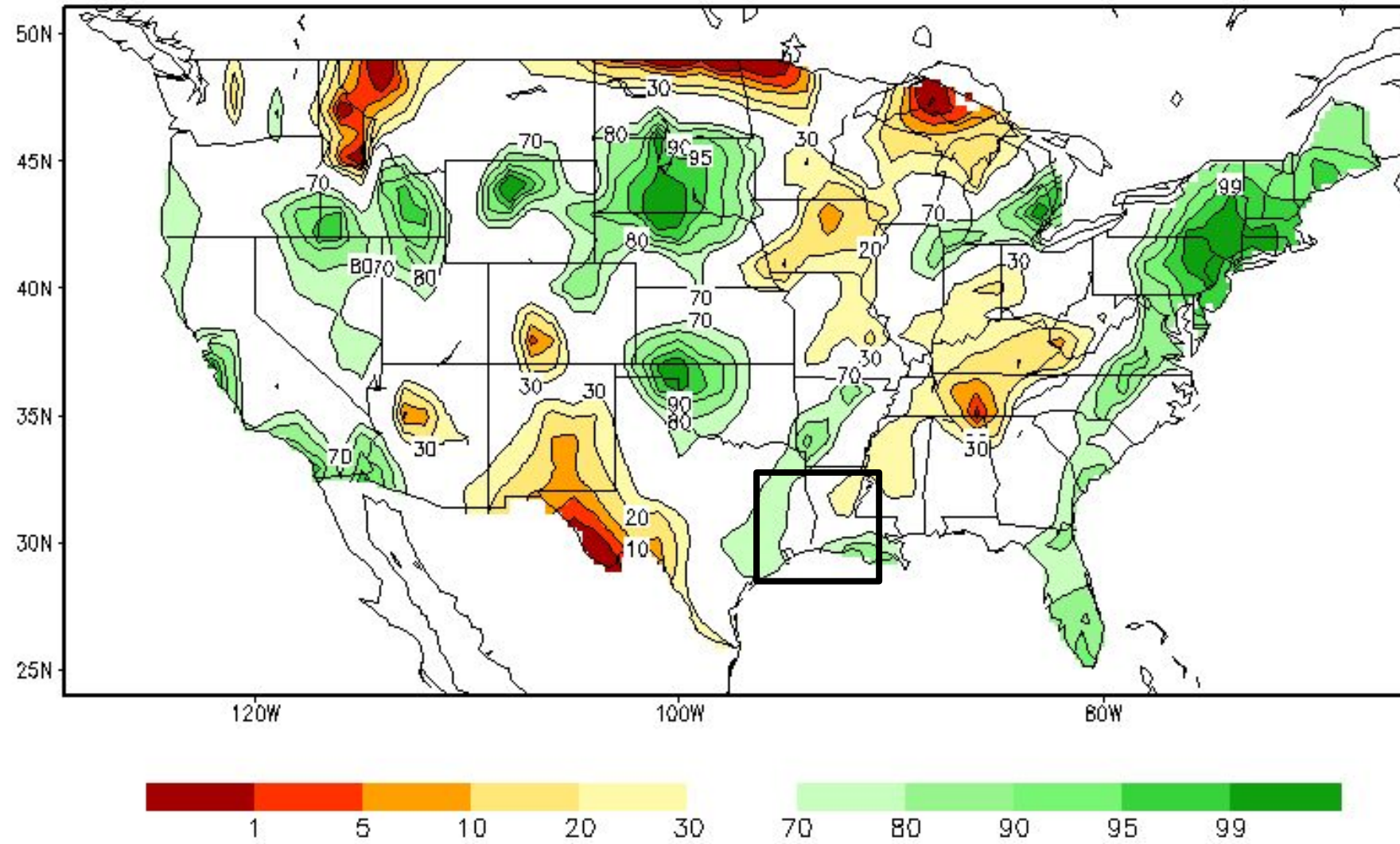


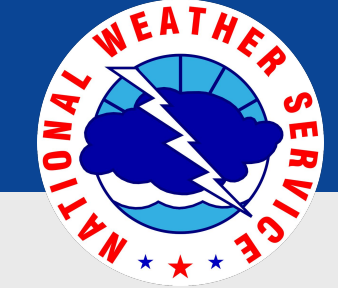
Agricultural Impacts

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Soil Moisture and Drought Severity Index by Ag Division

Calculated Soil Moisture Ranking Percentile
FEB 07, 2024

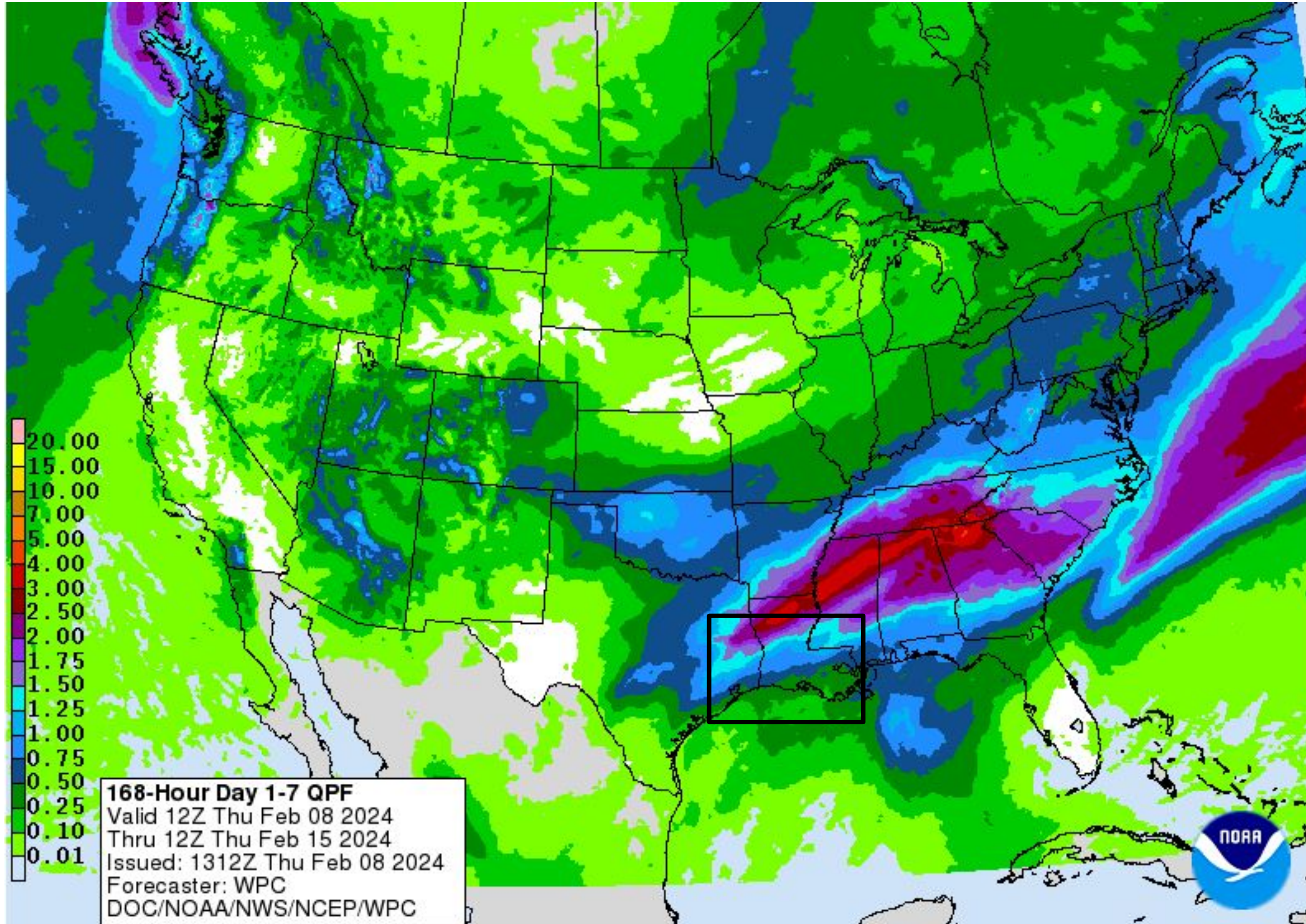




Seven Day Precipitation Forecast

February 8, 2024
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1 to 4 inches of rain is forecast through the next 7 days.





Long Range Outlook through January

February 8, 2024
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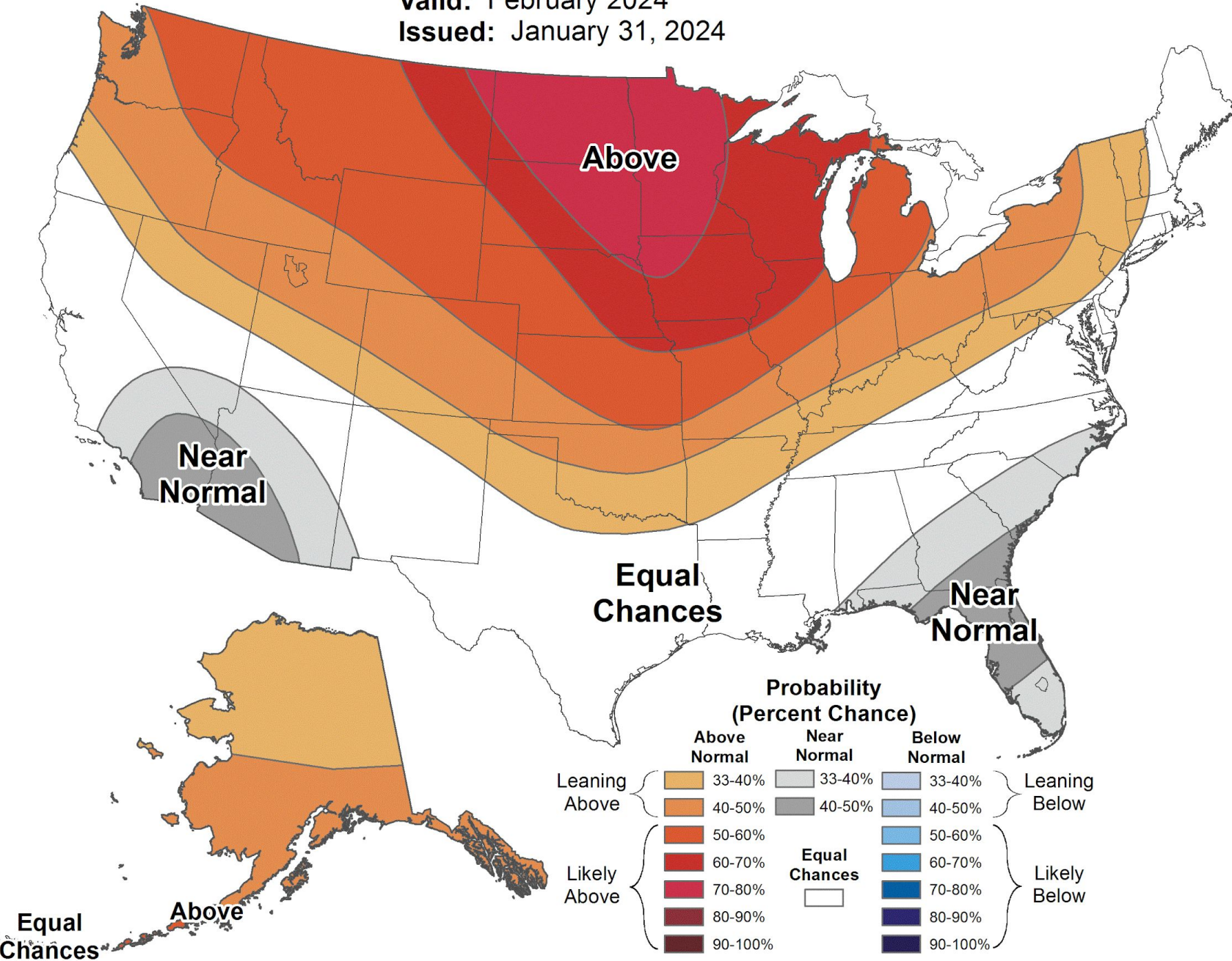
Chances favor near normal temperatures and above normal precipitation.



Monthly Temperature Outlook



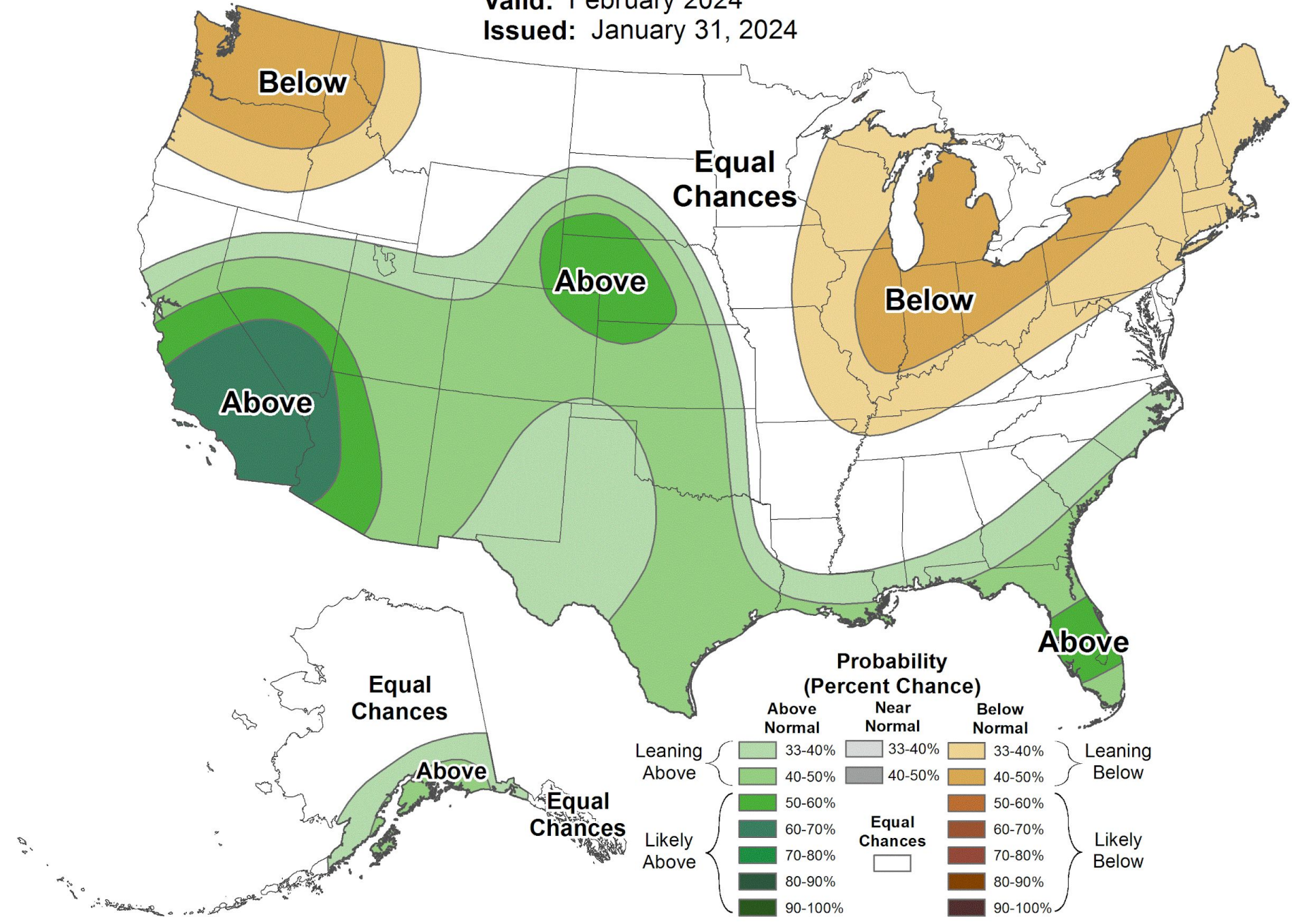
Valid: February 2024
Issued: January 31, 2024



Monthly Precipitation Outlook



Valid: February 2024
Issued: January 31, 2024



February Outlook





Drought Outlook

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8:29 AM

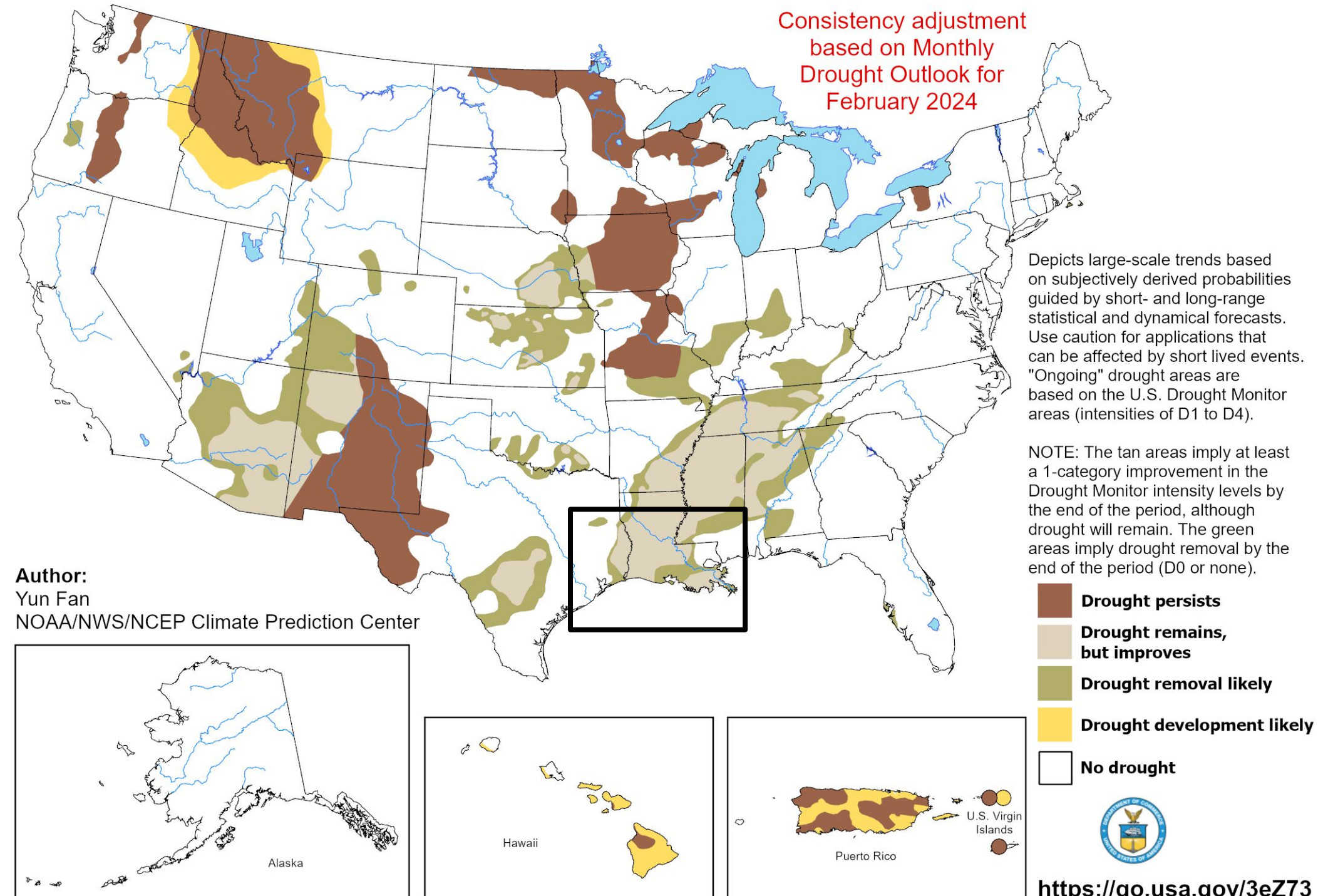
A three month drought tendency forecast.

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



Next Update: As needed.