



# Weekly Weather Briefing

For the NWS Jackson, MS Forecast Area

April 10, 2025  
10:00 AM

## Weekly Weather Briefing

→ As of 10:00 AM Thursday, April 10, 2025

NEW

### Important Updates

- We remain in the peak for spring severe weather season in the month of April.
- There is a **Slight Risk (Level 2 out of 5)** for severe thunderstorms **this afternoon to evening** for our area.
- **Dry period otherwise the next week.**
- **Rivers remain in or forecasted to reach minor to moderate flood stages across the region.**



National Oceanic and  
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U.S. Department of Commerce

National Weather Service  
Jackson, MS



# Highlights

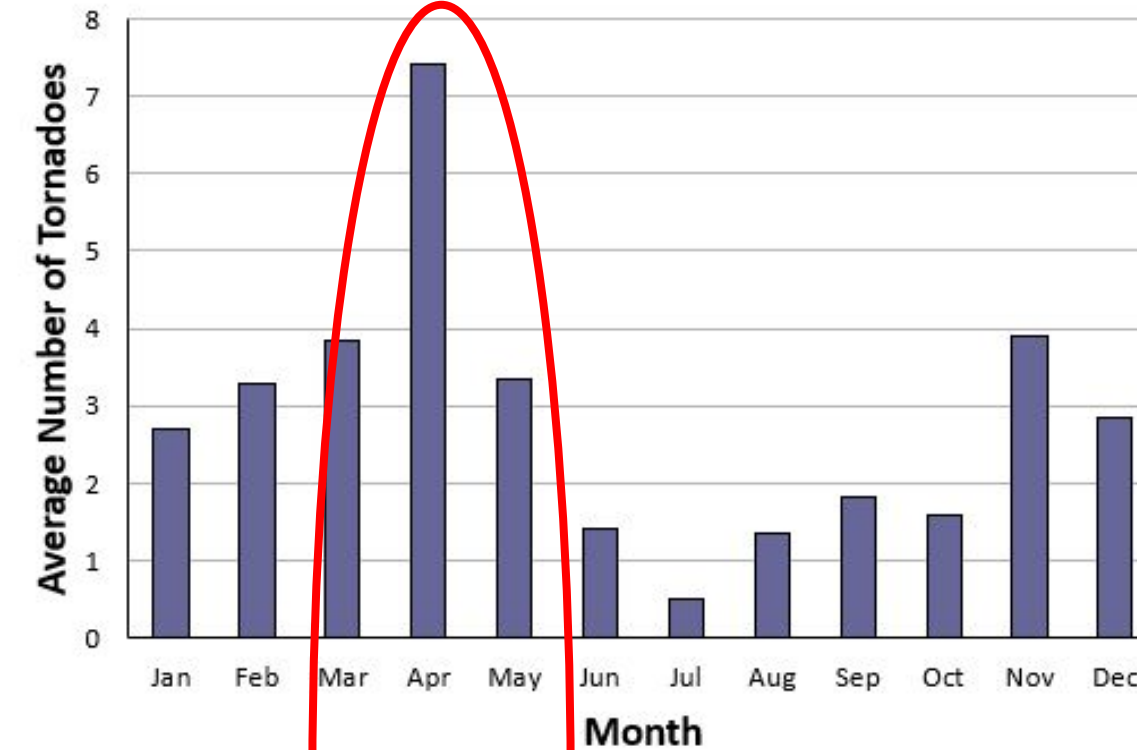
April 10, 2025  
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Here is what to expect for the next 7 days

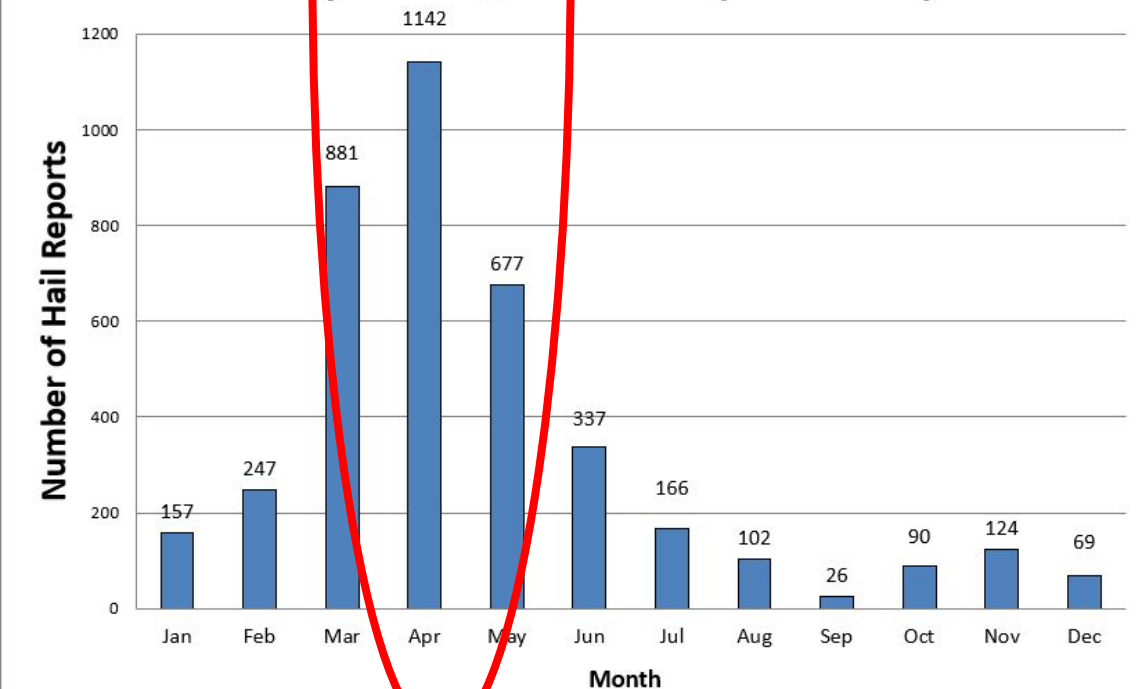
## Key Messages

- We remain in the peak for spring severe weather season in the month of April.
- There is a **Slight Risk (Level 2 out of 5)** for severe thunderstorms **this afternoon to evening** for our area.
- **Dry period otherwise the next week.**
- **Rivers remain in or forecasted to reach minor to moderate flood stages across the region.**

Average Number of Tornadoes in Mississippi Per Month 1950-2021



Reports of  $\geq 1$  inch Hail (1950-2020)







# Slight Risk for Severe Storms

April 10, 2025  
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This Evening

- Severe thunderstorms will develop **this evening** across the **Highway 82 corridor** in **northern portions of the region** and spread **southward** into the **Interstate 20 corridor** through around midnight.
- There is a **Slight Risk (Level 2 of 5)** for severe thunderstorms during this time.
- Damaging wind gusts to 70mph** and **hail up to golf ball size** are the main concerns.

## Severe Weather Threat

This Evening

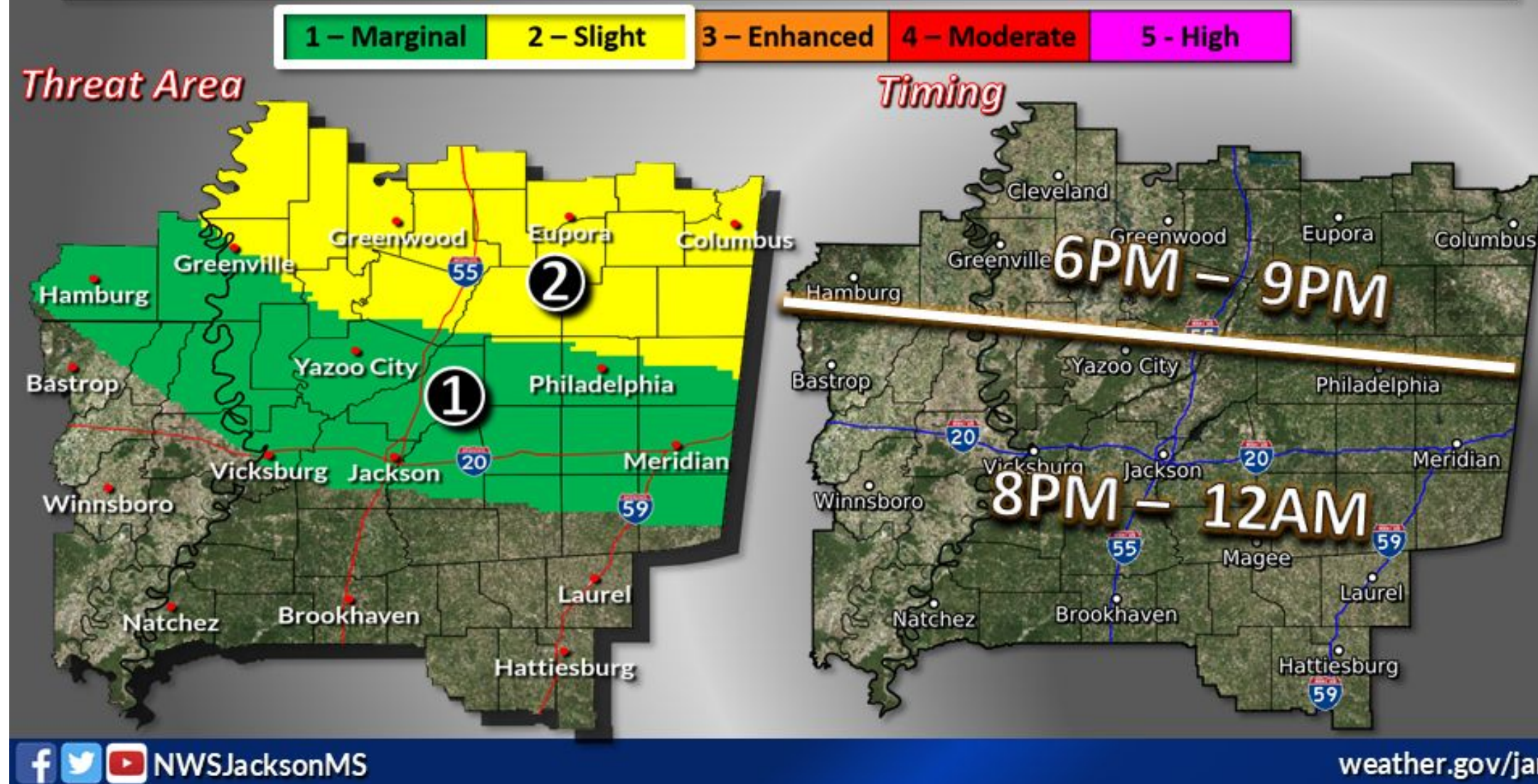
Weather Forecast Office  
Jackson, MS

Issued April 10, 2025 9:27 AM



**Slight Risk:** Severe storms possible – Damaging wind gusts up to 70 mph, hail to golf ball size.

**Marginal Risk:** Isolated severe storms possible – Damaging wind gusts, hail up to quarter size.



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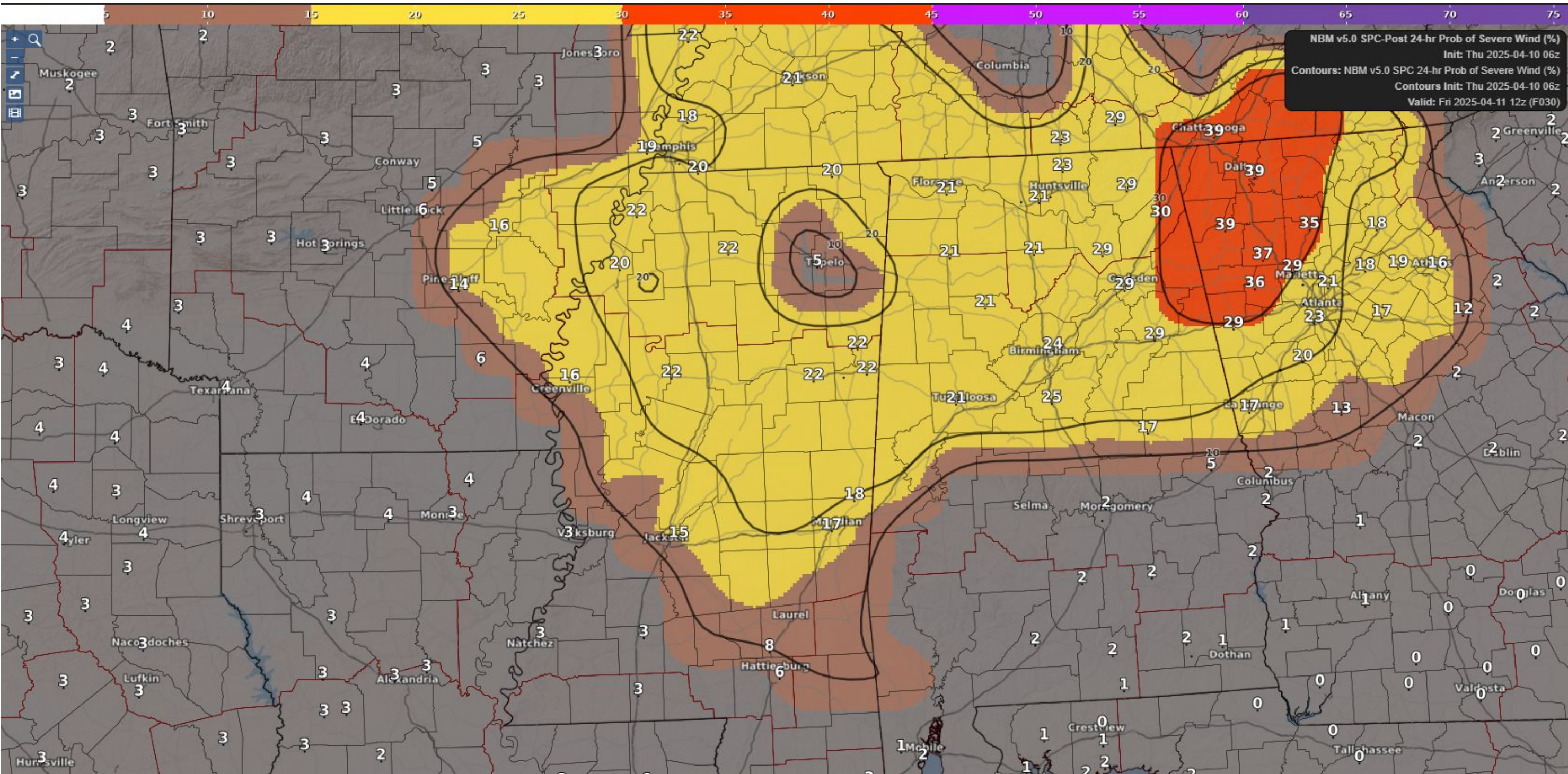




# Chances for Severe Storms This Evening

April 10, 2025  
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Latest Guidance highlights chances potentially further south



- + **Low-Medium chance (15-25%)** for severe storms along and north of Interstate 20.
- + **Low chance (10%)** for significant severe south of Interstate 20





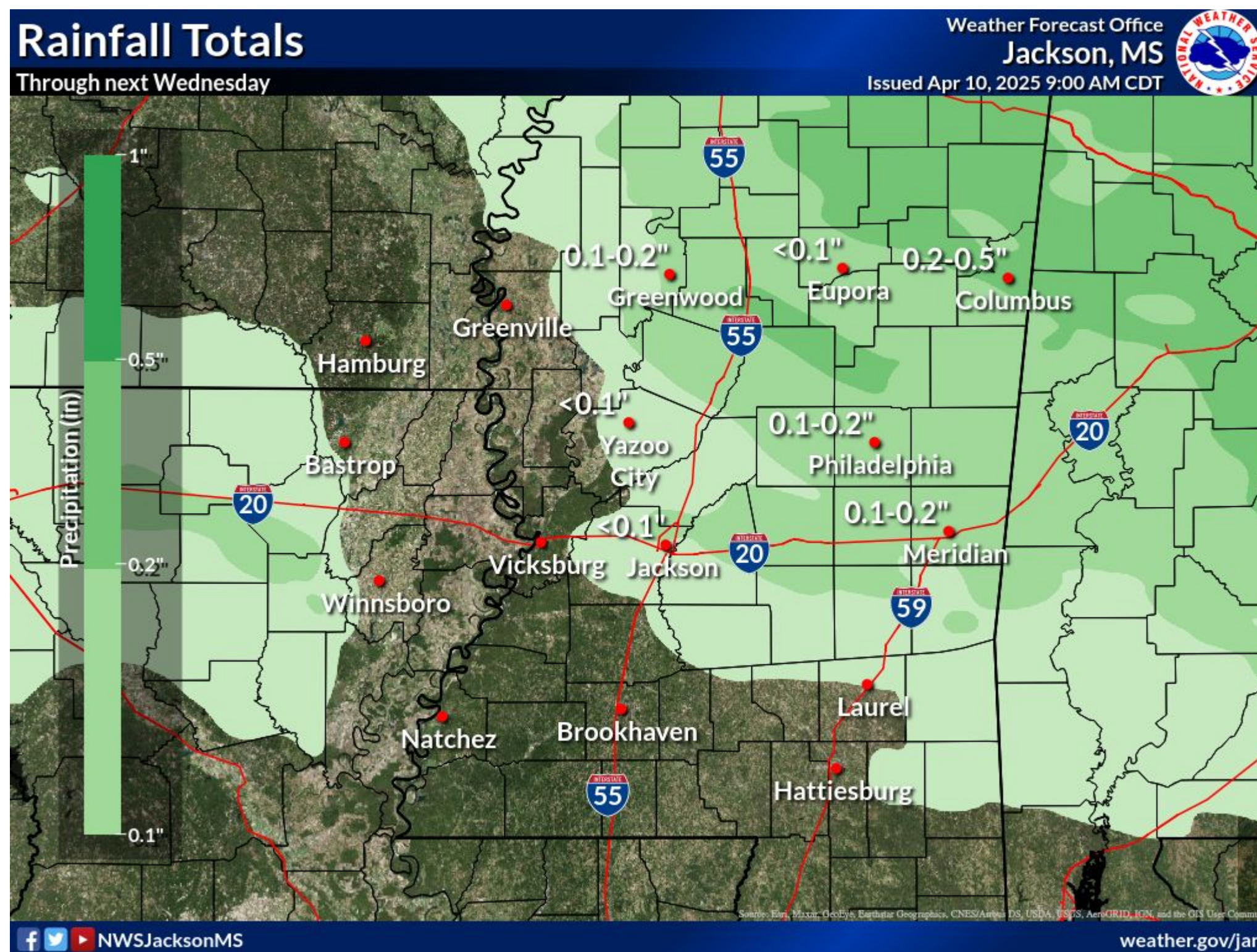


# Precipitation Accumulation

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Forecast precipitation totals through next Wednesday

- Average rainfall amounts will be **less than a quarter of an inch** across the region today.
- Otherwise, dry period in store for the week ahead.



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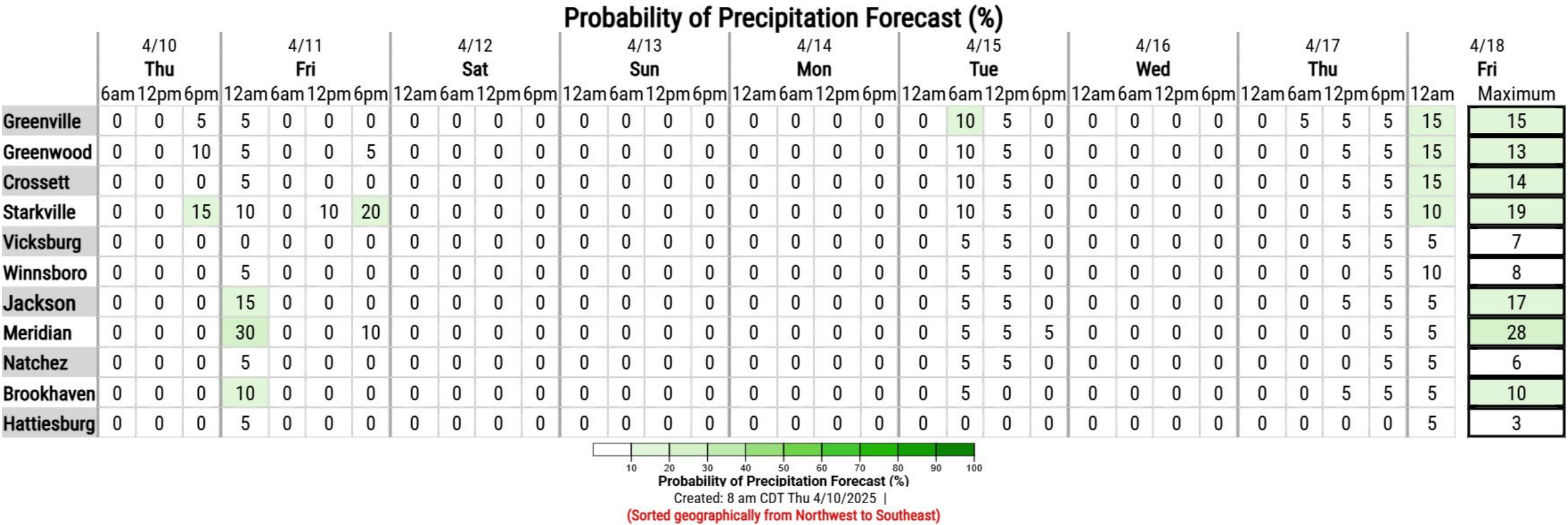
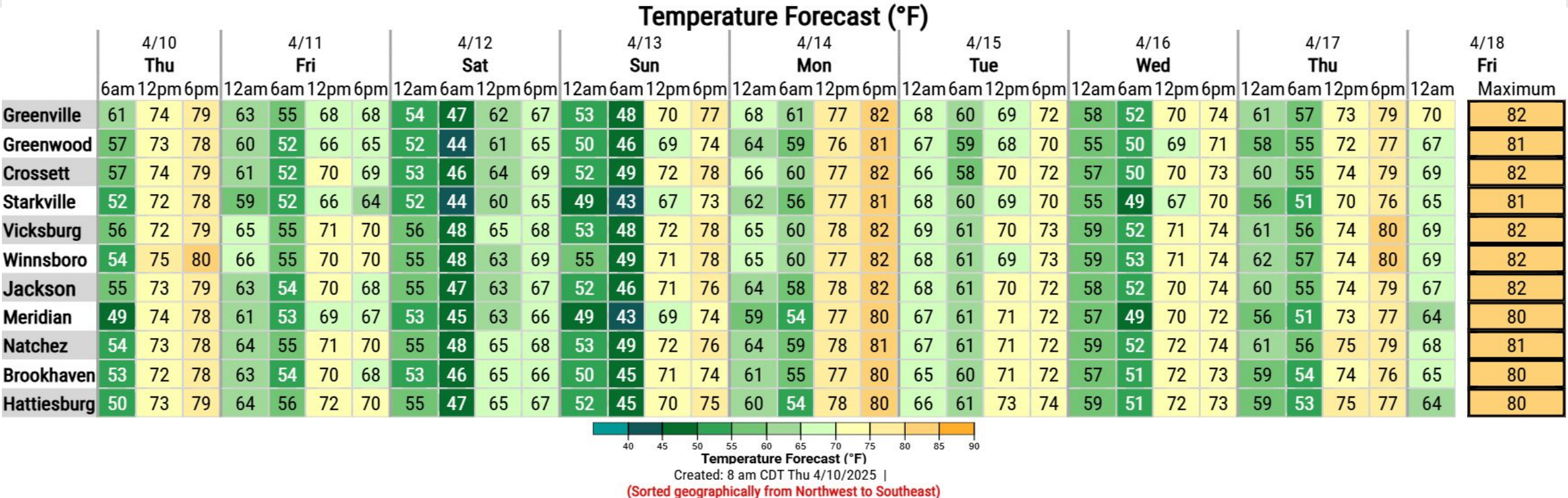




# Weekly Forecast

April 10, 2025  
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## Temperatures and rain chances at selected cities







# 6-10 Day Temp & Precip Outlook

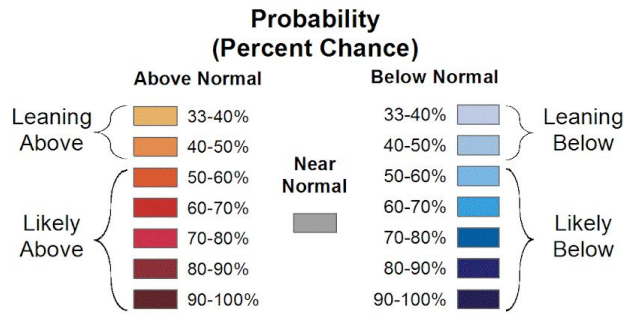
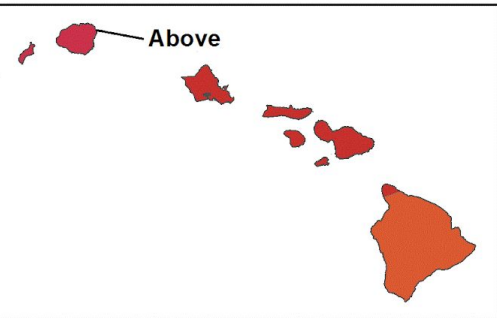
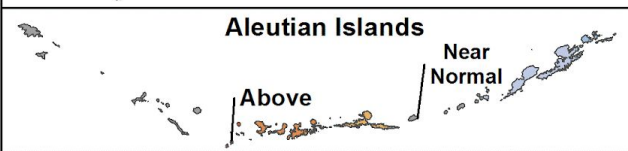
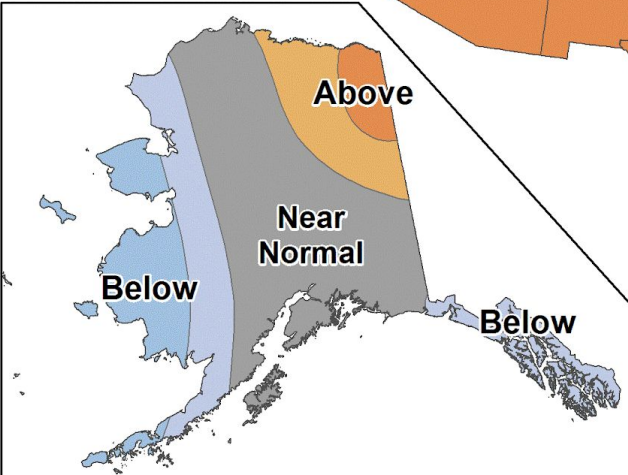
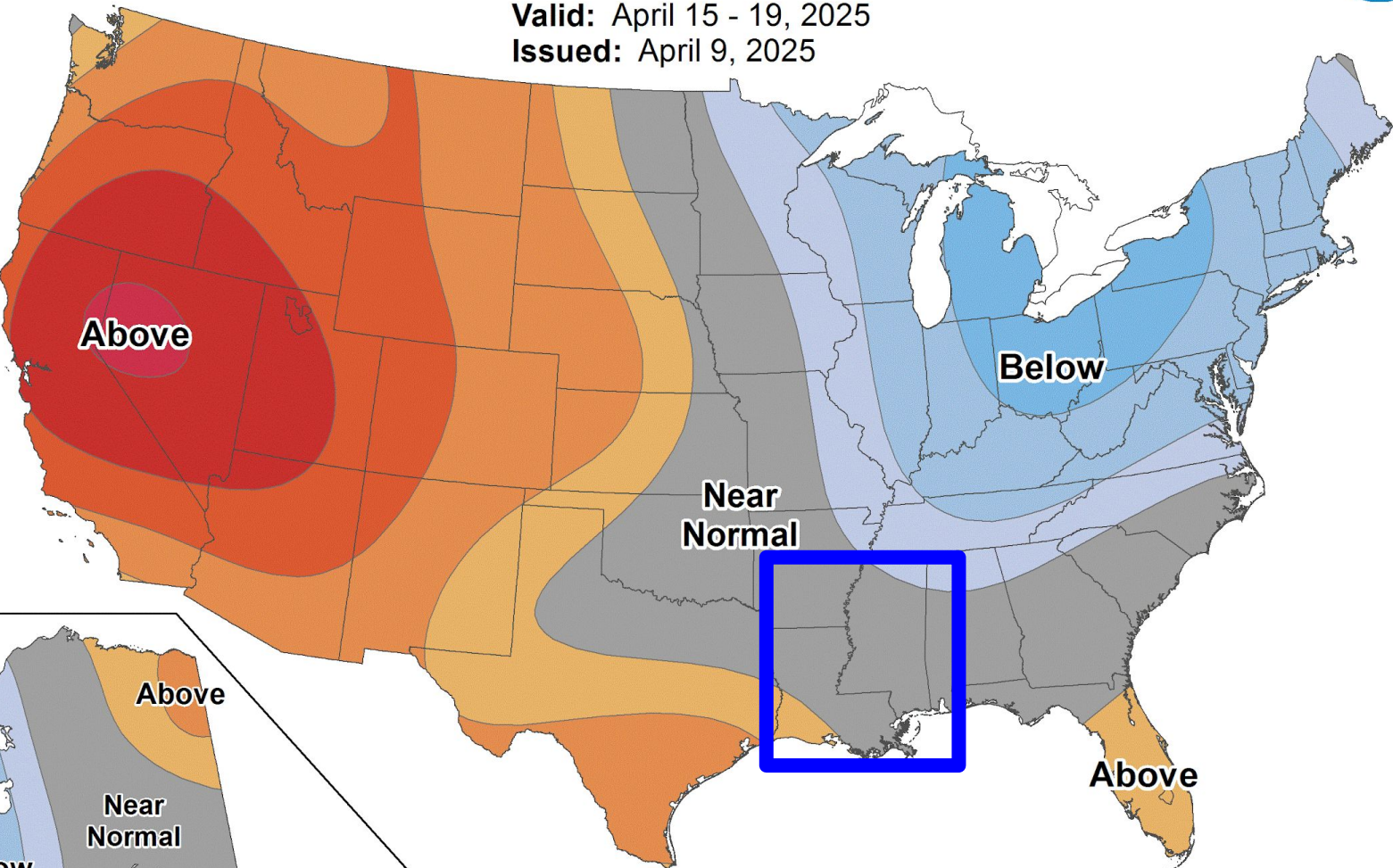
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Chances lean toward above near to below normal temperatures and precipitation.



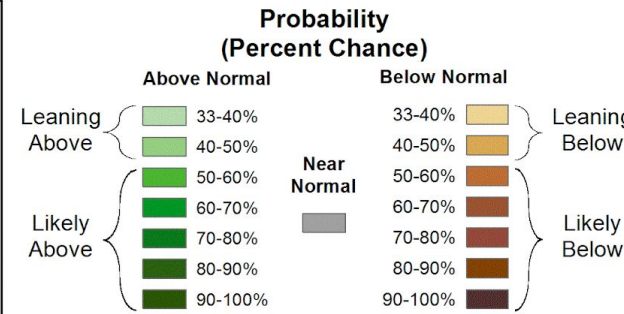
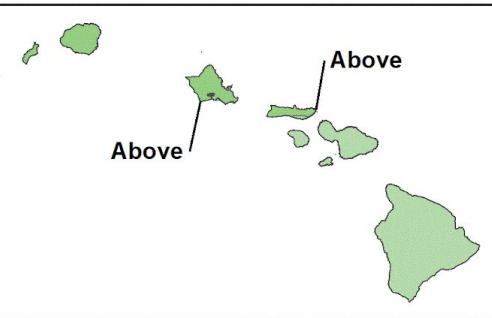
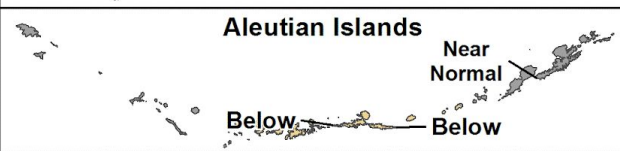
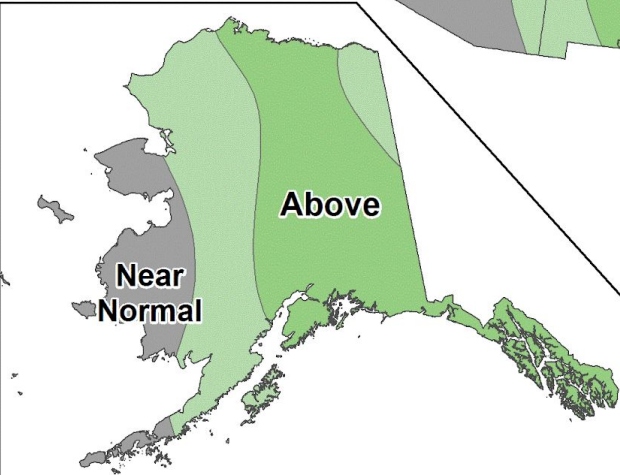
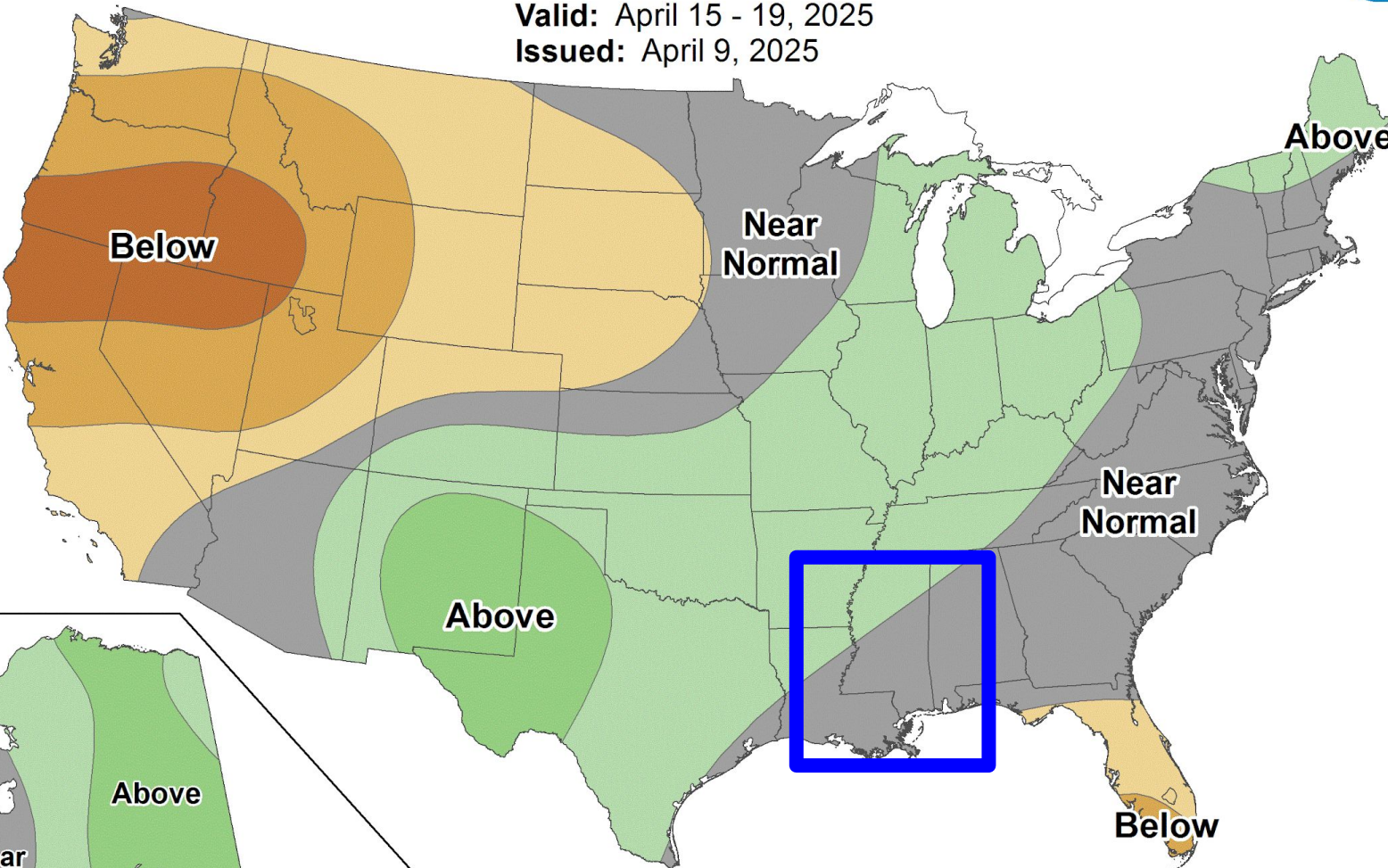
## 6-10 Day Temperature Outlook

Valid: April 15 - 19, 2025  
Issued: April 9, 2025



## 6-10 Day Precipitation Outlook

Valid: April 15 - 19, 2025  
Issued: April 9, 2025







# 8-14 Day Temp & Precip Outlook

April 10, 2025  
10:00 AM

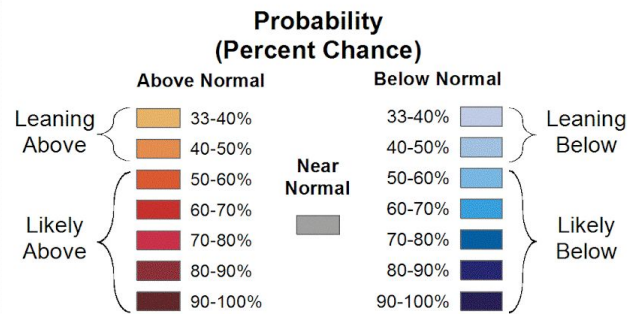
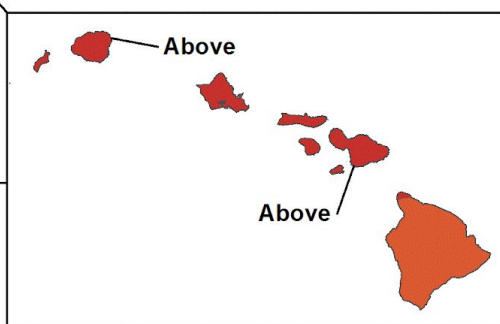
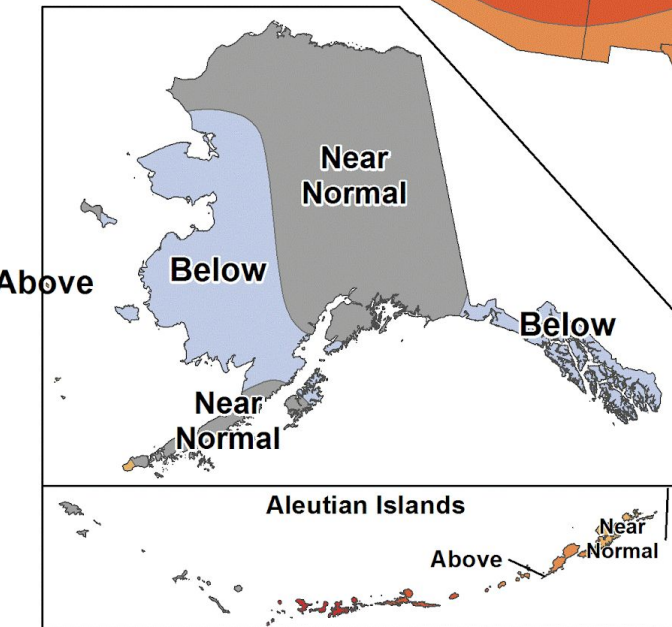
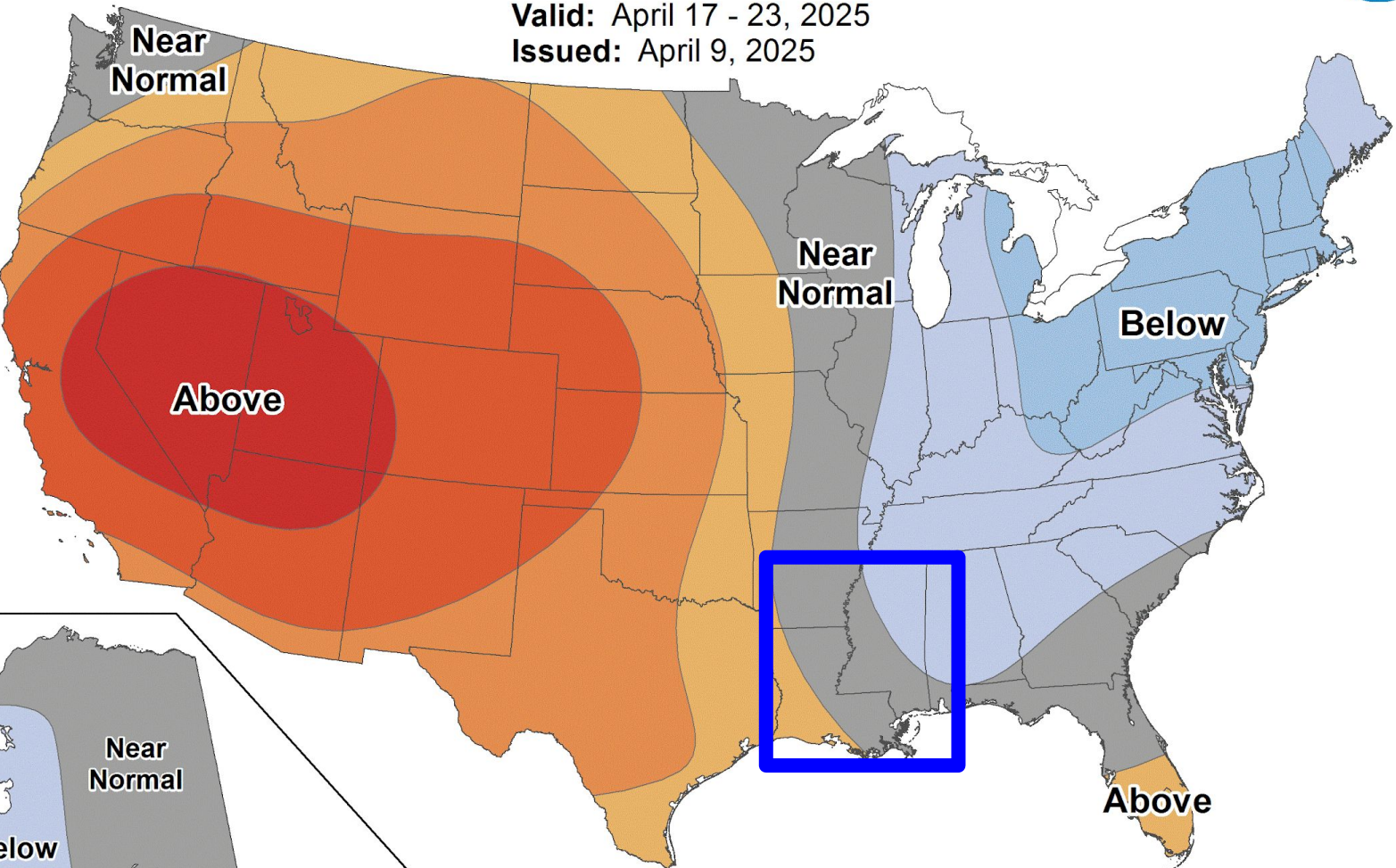
Chances lean toward above near normal temperatures and precipitation.



## 8-14 Day Temperature Outlook



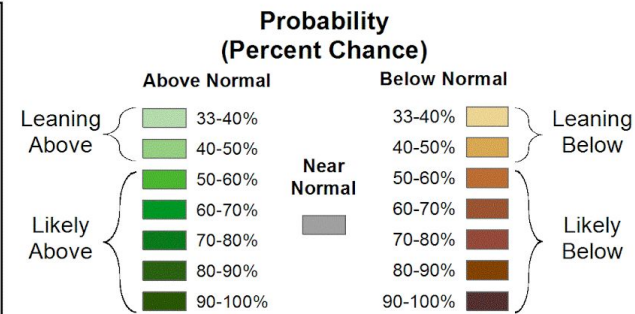
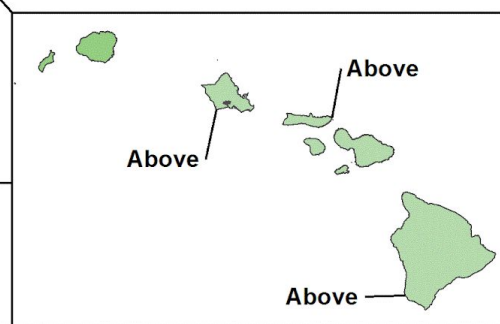
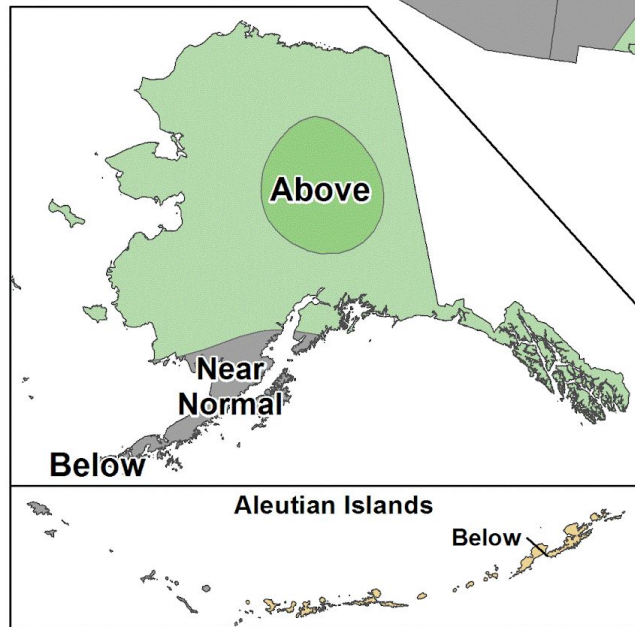
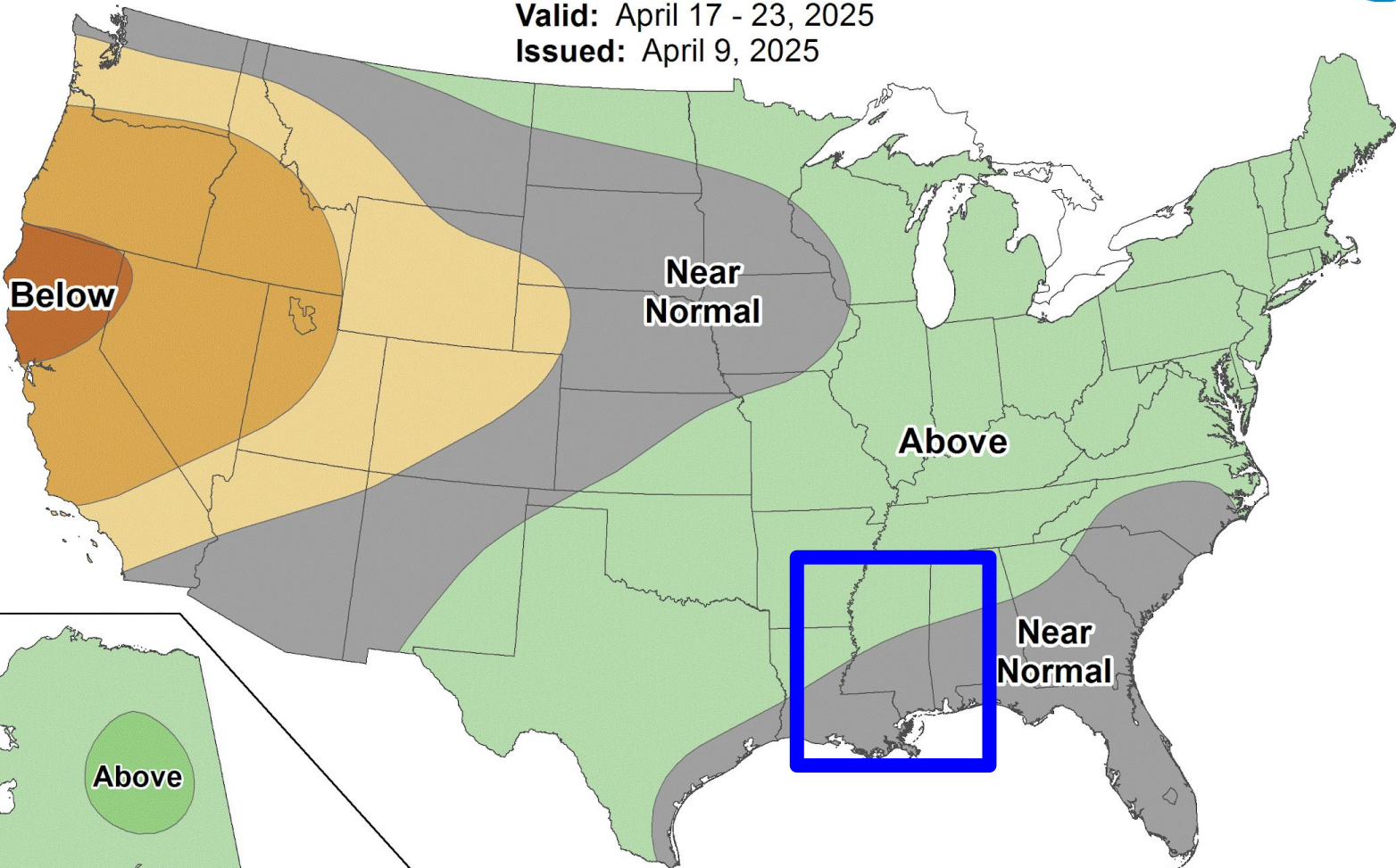
Valid: April 17 - 23, 2025  
Issued: April 9, 2025



## 8-14 Day Precipitation Outlook



Valid: April 17 - 23, 2025  
Issued: April 9, 2025







# Minor to Moderate River Flooding

April 10, 2025  
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Observed and Forecast across the Region - Upper Pearl Basin

Gauge Location	Observed (Ft)	Ob Stage	Forecast (Ft)	Fcst Stage	Fcst Time
Pearl River near Philadelphia/at Burnside	13.34	Minor	13.3	Minor	4/10 1:00 PM
Pearl River at Edinburg	20.3	Minor	21.5	Minor	4/10 7:00 PM
Pearl River near Carthage	14.62	No Flooding	18	Minor	4/11 7:00 PM
Tuscolameta Creek at Walnut Grove	16.07	No Flooding	16.5	No Flooding	4/10 1:00 PM
Yockanookany River near Kosciusko	11.46	No Flooding	11.5	No Flooding	4/10 1:00 PM
Yockanookany River near Ofahoma	15.37	No Flooding	15.3	No Flooding	4/10 7:00 PM
Pearl River near Lena	15.28	No Flooding	17.6	No Flooding	4/11 7:00 AM
Pearl River at Ratliff's Ferry	298.48	No Flooding	299.1	No Flooding	4/12 1:00 AM
Pearl River at Jackson	15.03	No Flooding	19.3	No Flooding	4/12 7:00 PM







# Minor to Moderate River Flooding

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Observed and Forecast across the Region - Big Black Basin

Gauge Location	Observed (Ft)	Ob Stage	Forecast (Ft)	Fcst Stage	Fcst Time
Big Black River near Bovina	27.25	Action	27.5	Action	4/10 1:00 PM
Big Black River near Bentonia	23.14	Minor	23	Minor	4/10 1:00 PM







# Minor to Moderate River Flooding

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Observed and Forecast across the Region - Yazoo/Sunflower Basins

Gauge Location	Observed (Ft)	Ob Stage	Forecast (Ft)	Fcst Stage	Fcst Time
Yazoo River at Belzoni	28.59	No Flooding	27.8	No Flooding	4/10 1:00 PM
Yazoo River at Greenwood	28.25	No Flooding	28.1	No Flooding	4/10 1:00 PM
Yazoo River at Satartia	30.94	Stage Not Defined	None	No Forecast	
Yazoo River at Yazoo City	27.64	No Flooding	28	Action	4/14 7:00 AM
Big Sunflower River near Anguilla	43.51	No Flooding	43.3	No Flooding	4/10 1:00 PM
Big Sunflower River at Sunflower	24.73	Minor	25	Moderate	4/10 1:00 PM







# Minor to Moderate River Flooding

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Observed and Forecast across the Region - Lower Ouachita/Black Basins

Gauge Location	Observed (Ft)	Ob Stage	Forecast (Ft)	Fcst Stage	Fcst Time
Bayou Macon near Como	55.05	No Flooding	55.5	No Flooding	4/12 1:00 PM
Boeuf River near Alto	18.35	No Flooding	18.5	No Flooding	4/11 7:00 AM
Boeuf River near Fort Necessity	48.99	No Flooding	52	Minor	4/24 7:00 AM
Tensas River at Clayton	40.51	No Flooding	50.5	No Flooding	4/24 7:00 AM
Tensas River near Newlight	41.46	No Flooding	51.5	No Flooding	4/24 7:00 AM
Tensas River at Tendal	20.39	No Flooding	20.2	No Flooding	4/10 1:00 PM
Black River at Acme	35.95	No Flooding	46	No Flooding	4/24 7:00 AM
Black River at Jonesville L&D	39.2	No Flooding	49	Action	4/24 7:00 AM







# Minor to Moderate River Flooding

April 10, 2025  
10:00 AM

Observed and Forecast across the Region - Mississippi River Basin

Gauge Location	Observed (Ft)	Ob Stage	Forecast (Ft)	Fcst Stage	Fcst Time
Mississippi River near Arkansas City	33.86	No Flooding	41	Moderate	4/18 1:00 AM
Mississippi River near Greenville	45.65	Action	52.5	Moderate	4/18 1:00 PM
Mississippi River at Vicksburg	38.71	Action	48	Moderate	4/20 1:00 AM
Mississippi River at Natchez	43.99	Action	54	Moderate	4/22 7:00 AM







# Contact and Next Briefing Information

April 10, 2025  
10:00 AM

For the NWS Jackson, MS Forecast Area



## Briefing Webpage

→ [https://www.weather.gov/jan/weather\\_briefing](https://www.weather.gov/jan/weather_briefing)



## Next Briefing

→ 10:00 AM Thursday, April 17, 2025

→ Method: **Webinar & Email**



## Disclaimer

- Information contained in this briefing is time-sensitive
- Follow along on our website and social media for updates to the forecast through the week ahead.



## Contact Information

### Web

→ [www.weather.gov/jan](http://www.weather.gov/jan)

### Email

→ [nws.jacksonms@noaa.gov](mailto:nws.jacksonms@noaa.gov)

### Facebook

→ [@NWSJacksonMS](https://www.facebook.com/NWSJacksonMS)

### Twitter

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