



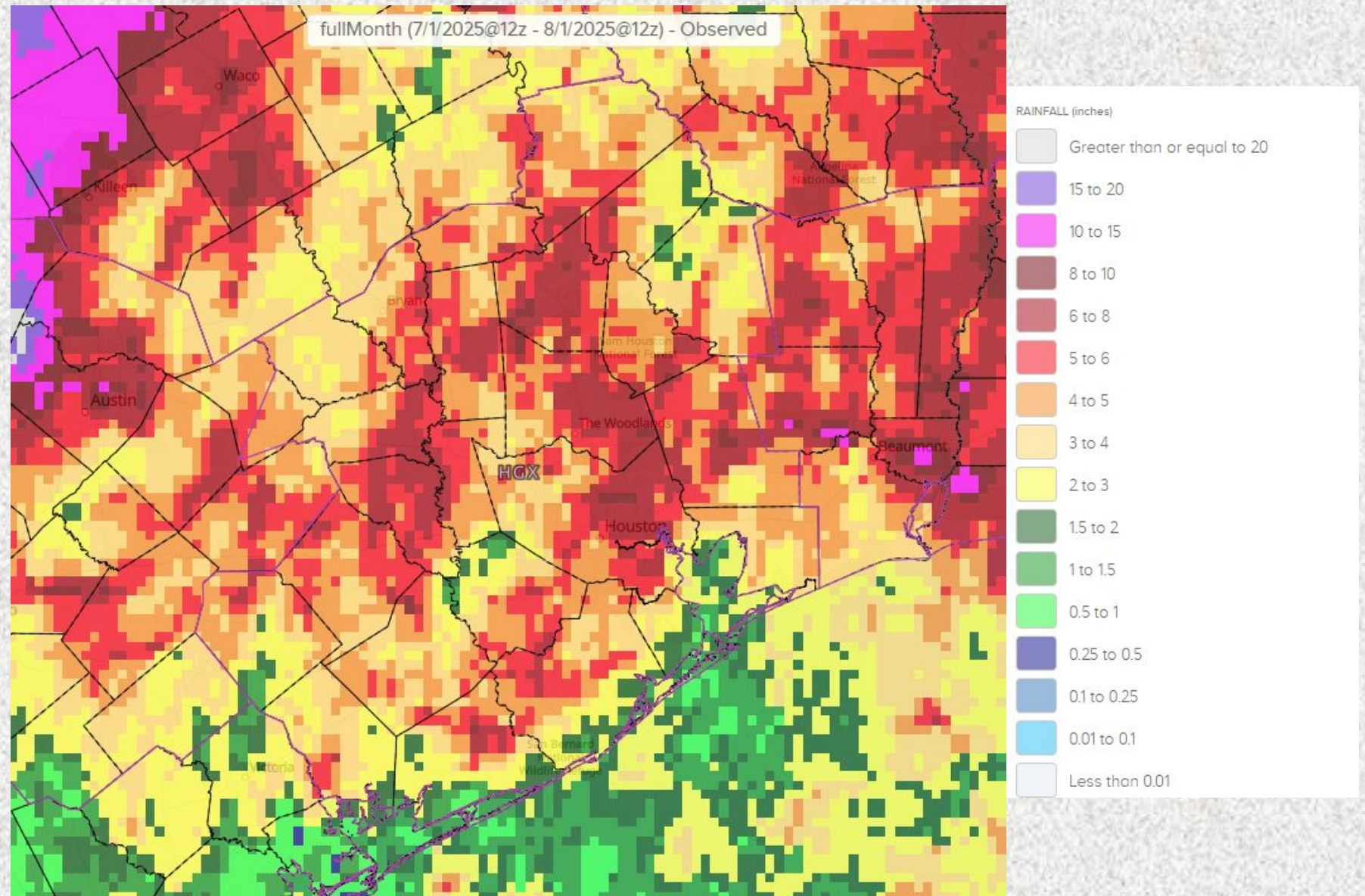
# NWS Houston/Galveston Monthly Hydrologic Report July 2025

**Produced by: Cameron Batiste**

**Date: 8/3/2025**

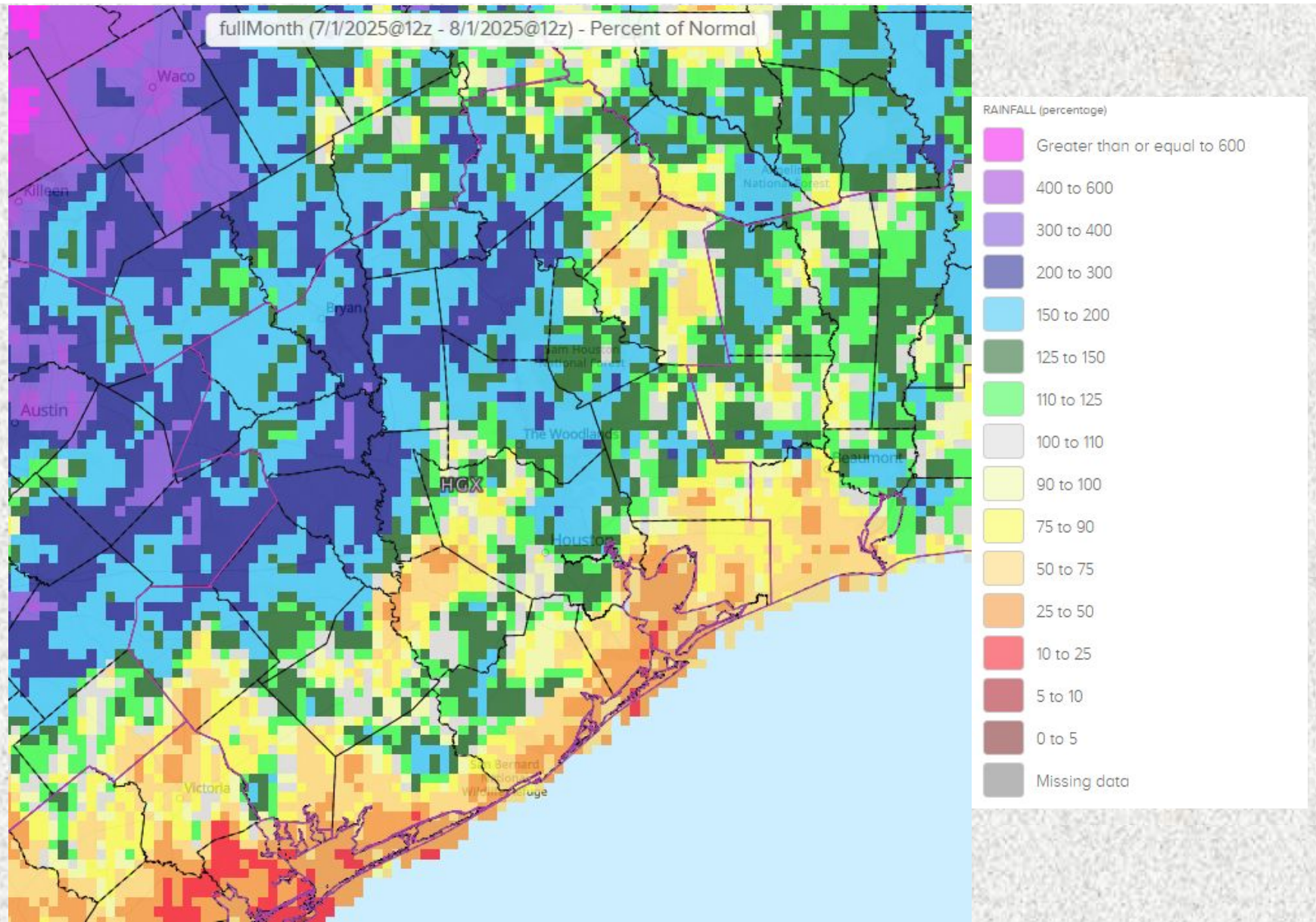
July was yet another rainy month across Southeast Texas leading to the continuation of drought-free conditions. Rainfall amounts mainly ranged from 2-6", especially along and north of the I-10 corridor. There were a few instances of locally heavy rainfall that led to localized street flooding in urban areas.

# Monthly Precipitation



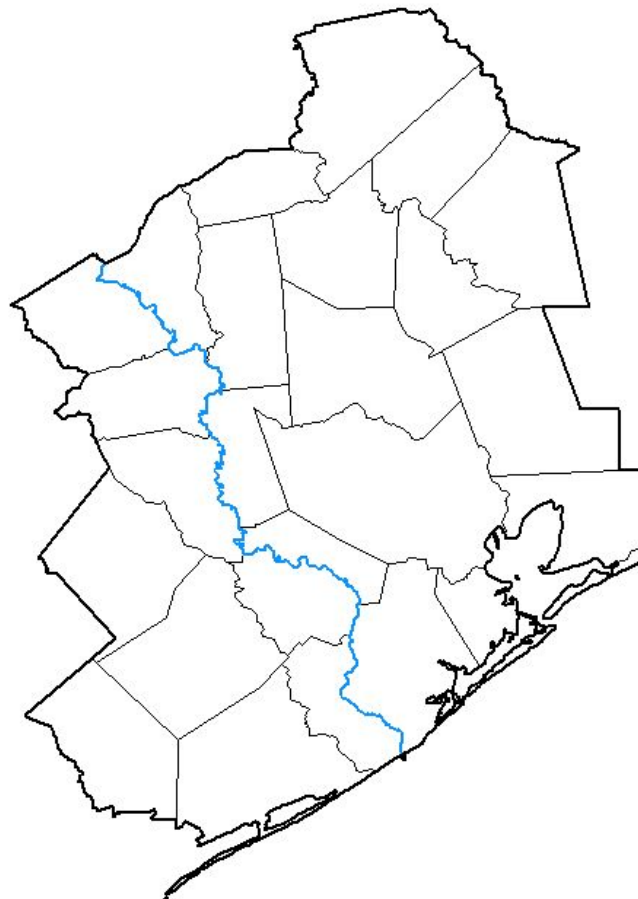


# Monthly Percent of Normal Precipitation



# U.S. Drought Monitor

## U.S. Drought Monitor Houston/Galveston, TX WFO



**July 29, 2025**

*(Released Thursday, Jul. 31, 2025)*

Valid 8 a.m. EDT

*Drought Conditions (Percent Area)*

|  | None   | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4   |
|--|--------|-------|-------|-------|-------|------|
| <b>Current</b>                                     | 100.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
| <b>Last Week</b><br><i>07-22-2025</i>              | 100.00 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
| <b>3 Months Ago</b><br><i>04-29-2025</i>           | 37.37  | 62.63 | 32.26 | 5.25  | 0.00  | 0.00 |
| <b>Start of Calendar Year</b><br><i>01-07-2025</i> | 28.59  | 71.41 | 37.60 | 0.00  | 0.00  | 0.00 |
| <b>Start of Water Year</b><br><i>10-01-2024</i>    | 10.34  | 89.66 | 5.13  | 0.00  | 0.00  | 0.00 |
| <b>One Year Ago</b><br><i>07-30-2024</i>           | 100.00 | 0.00  | 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>*

### Author:

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Western Regional Climate Center



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

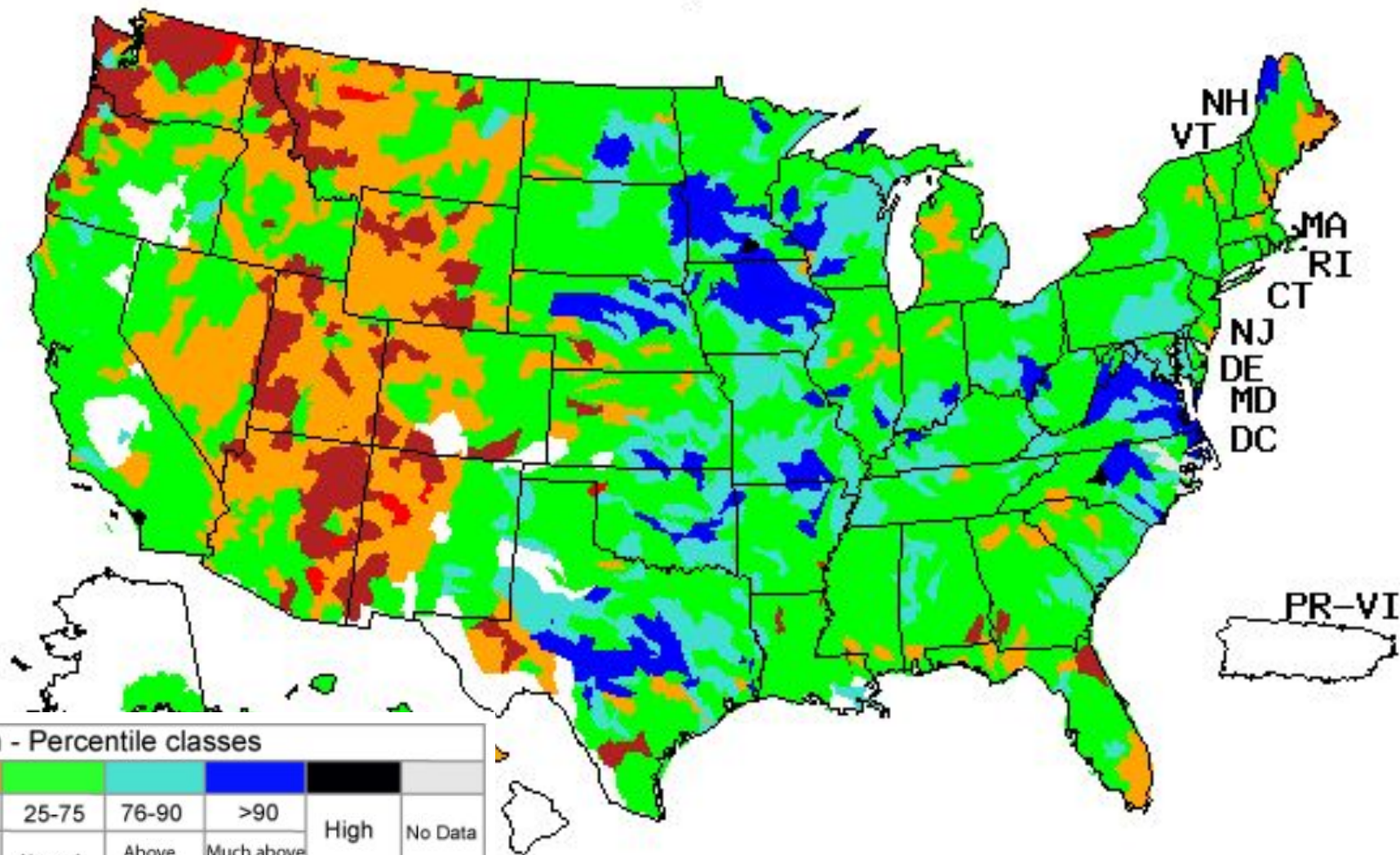


# River Flooding

| River and Station                       | Flood Stage (feet) | Crest Stage (feet) | Crest Date   |
|---|--------------------|--------------------|--------------|
| Trinity River at Liberty, TX (LBYT2)    | 26.0               | 29.00              | 06/27 20:30Z |
| Trinity River at Moss Bluff, TX (MBFT2) | 12.2               | 14.71              | 06/27 17:15Z |

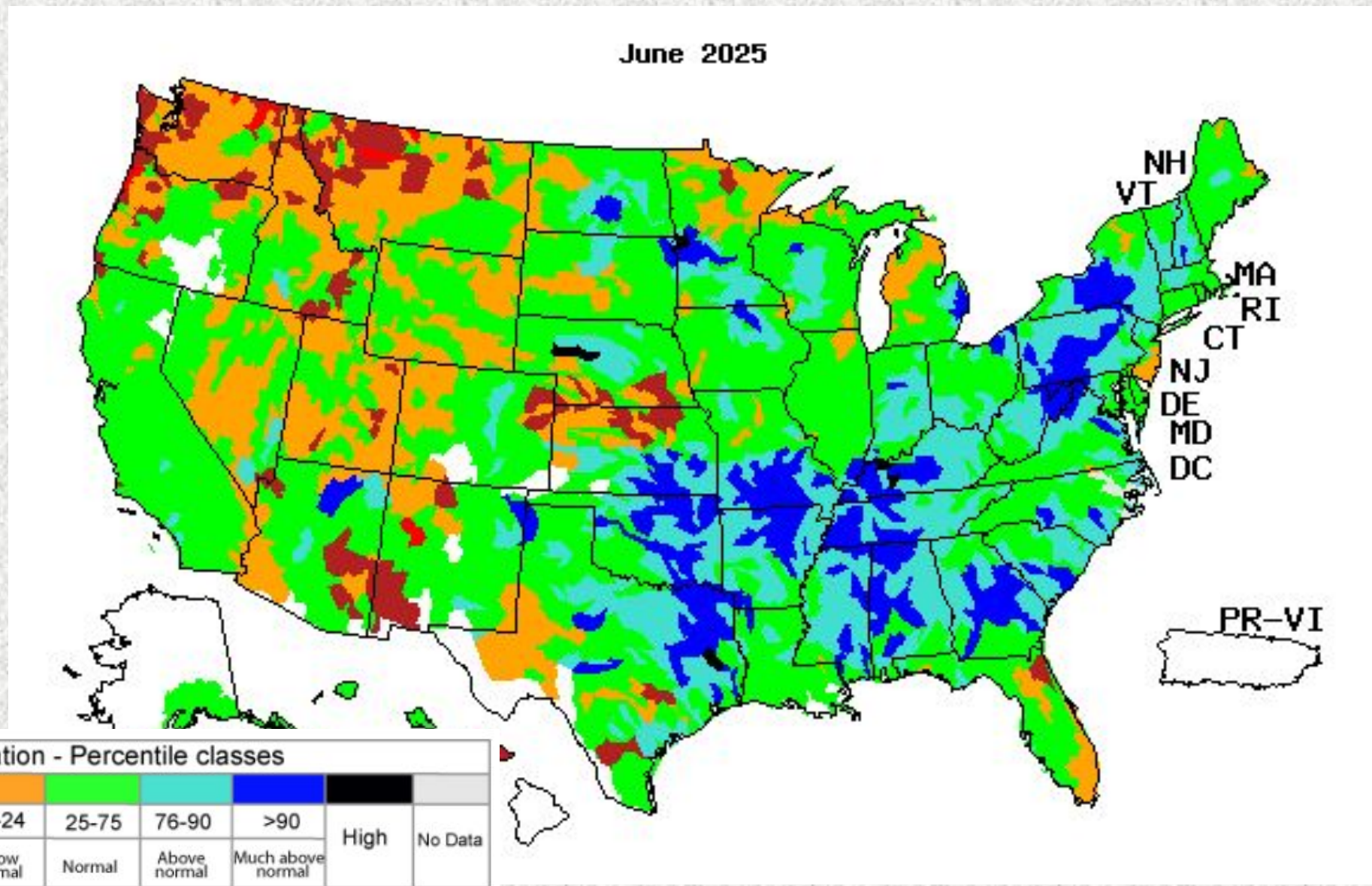
# Monthly Average Streamflow

July 2025

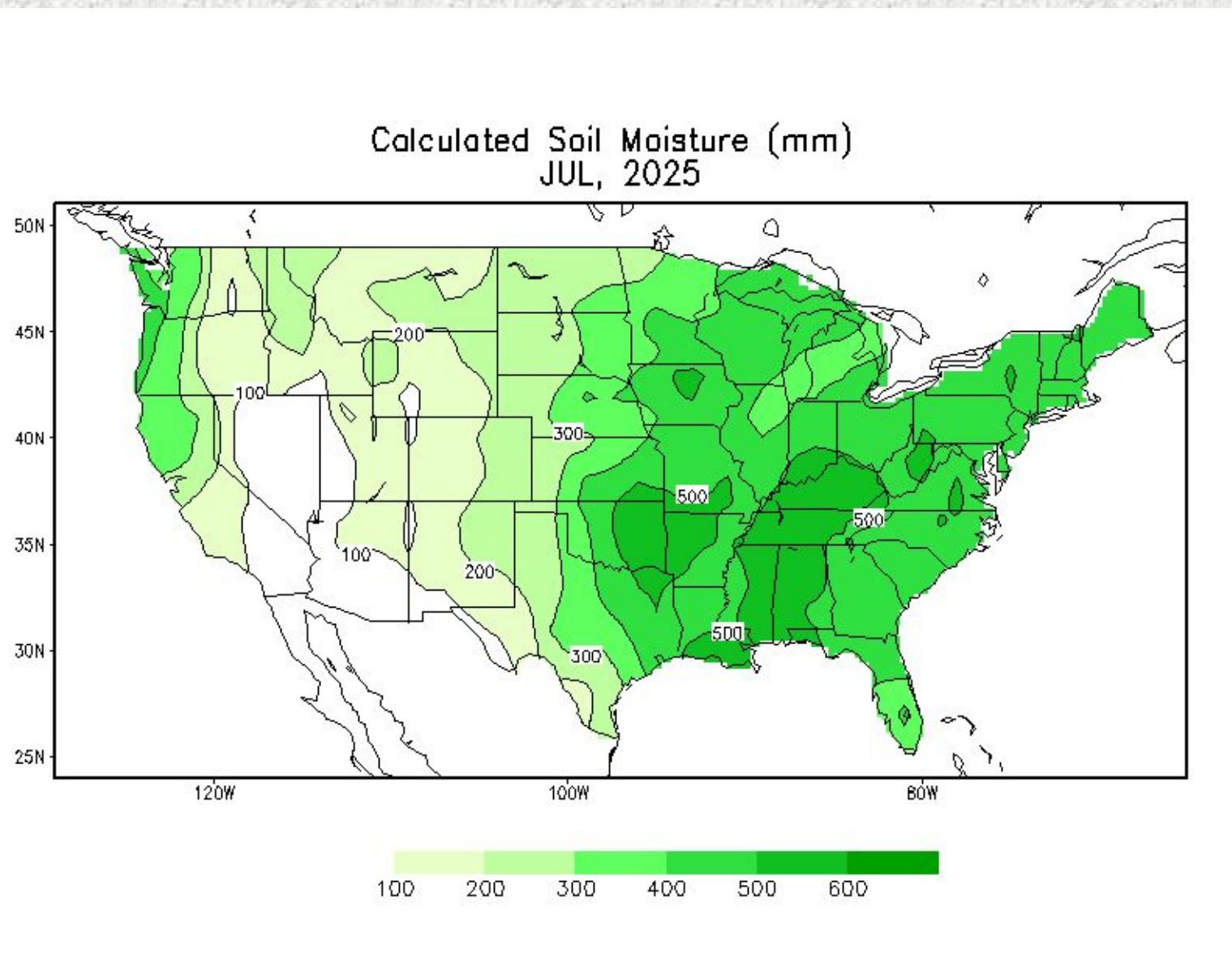




# Previous Monthly Average Streamflow

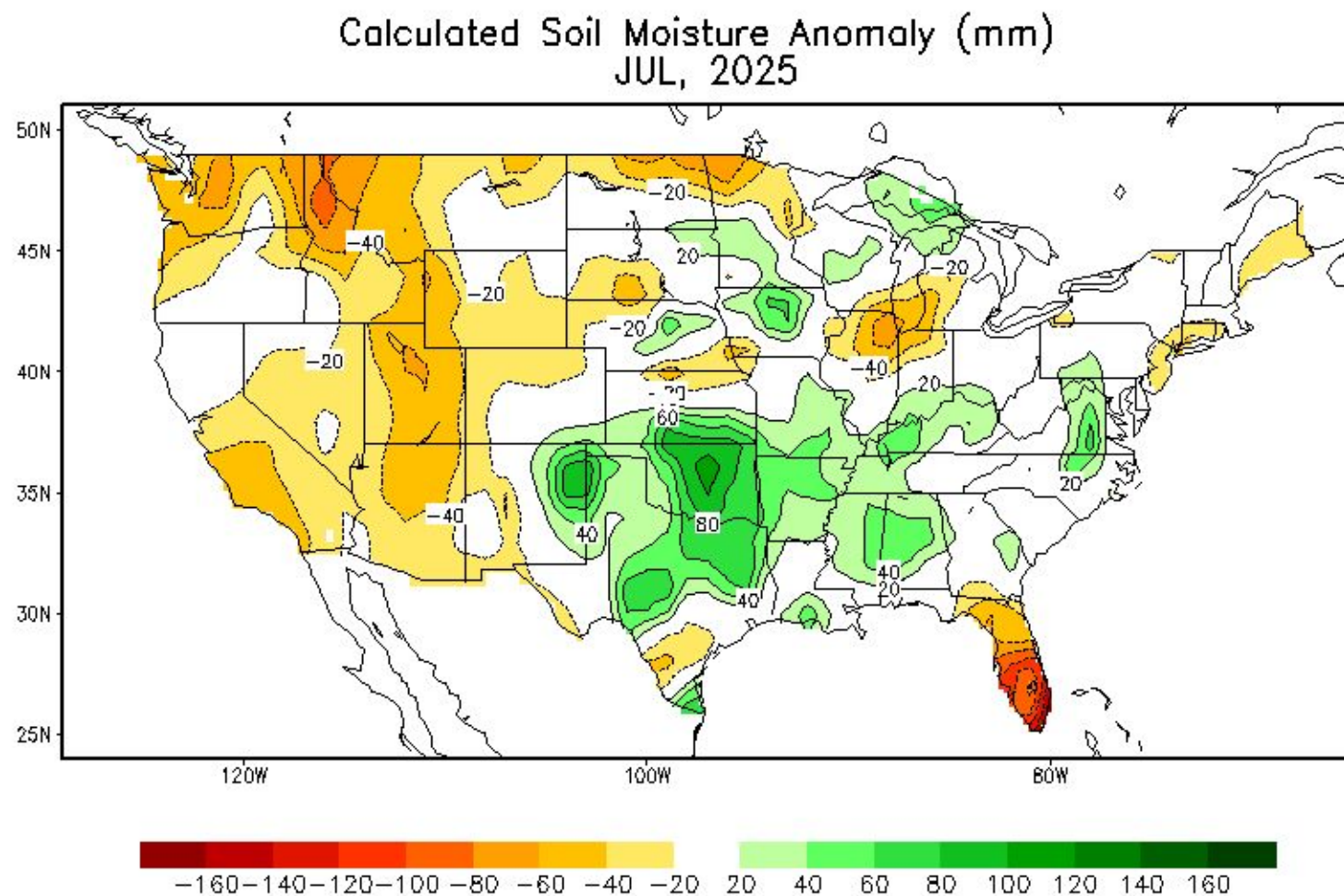


# Soil Moisture

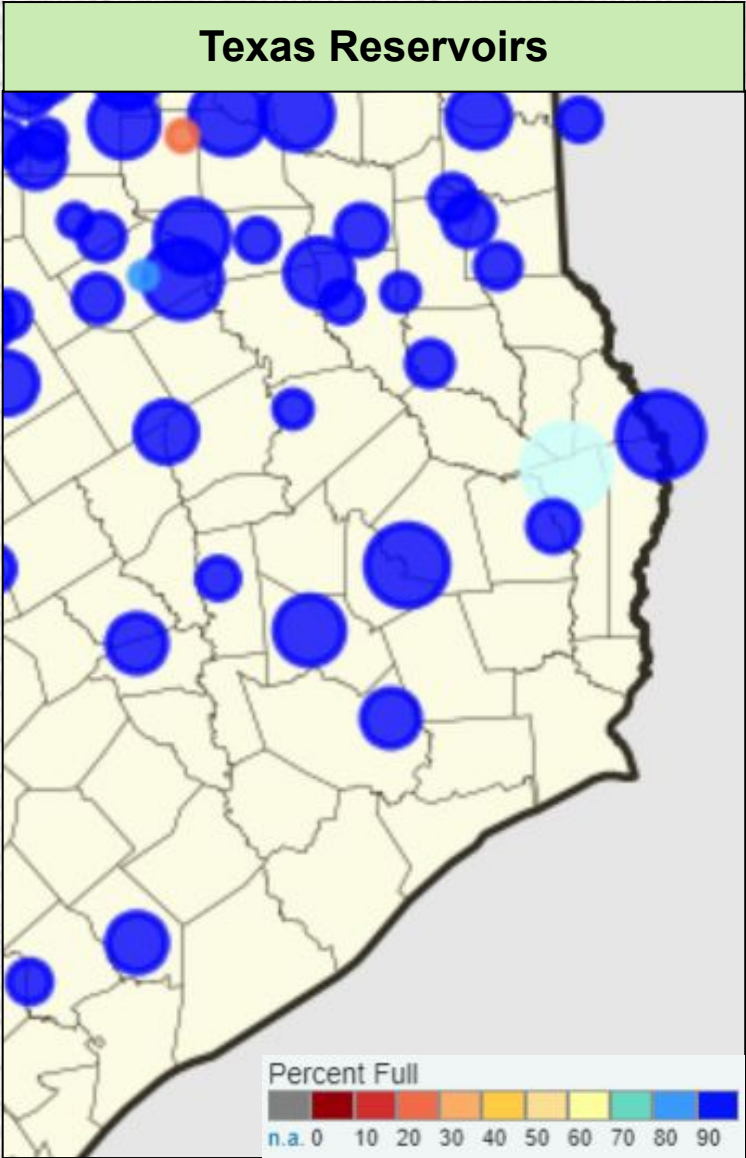




# Soil Moisture Anomaly



# Reservoir Status



| Reservoir               | Percent Full Conservation Storage |
|-------------------------|-----------------------------------|
| Houston County Lake     | 100.0%                            |
| Lake Livingston         | 99.7%                             |
| Lake Conroe             | 99.0%                             |
| Lake Houston            | 100.0%                            |
| Gibbons Creek Reservoir | 100.0%                            |
| Lake Somerville         | 100.0%                            |
| Lake Texana             | 95.9%                             |

*Data added on: August 3, 2025 at 3:00 pm CDT*



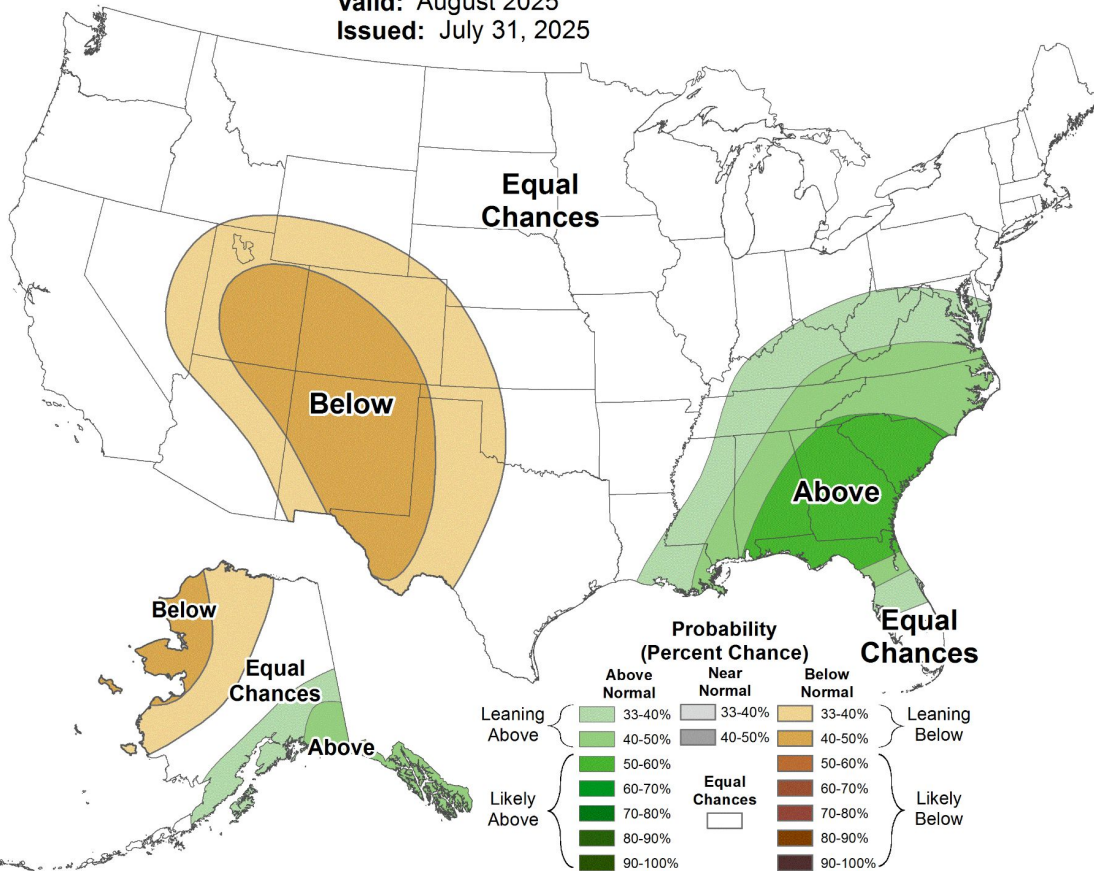
# Precipitation Outlooks



## Monthly Precipitation Outlook



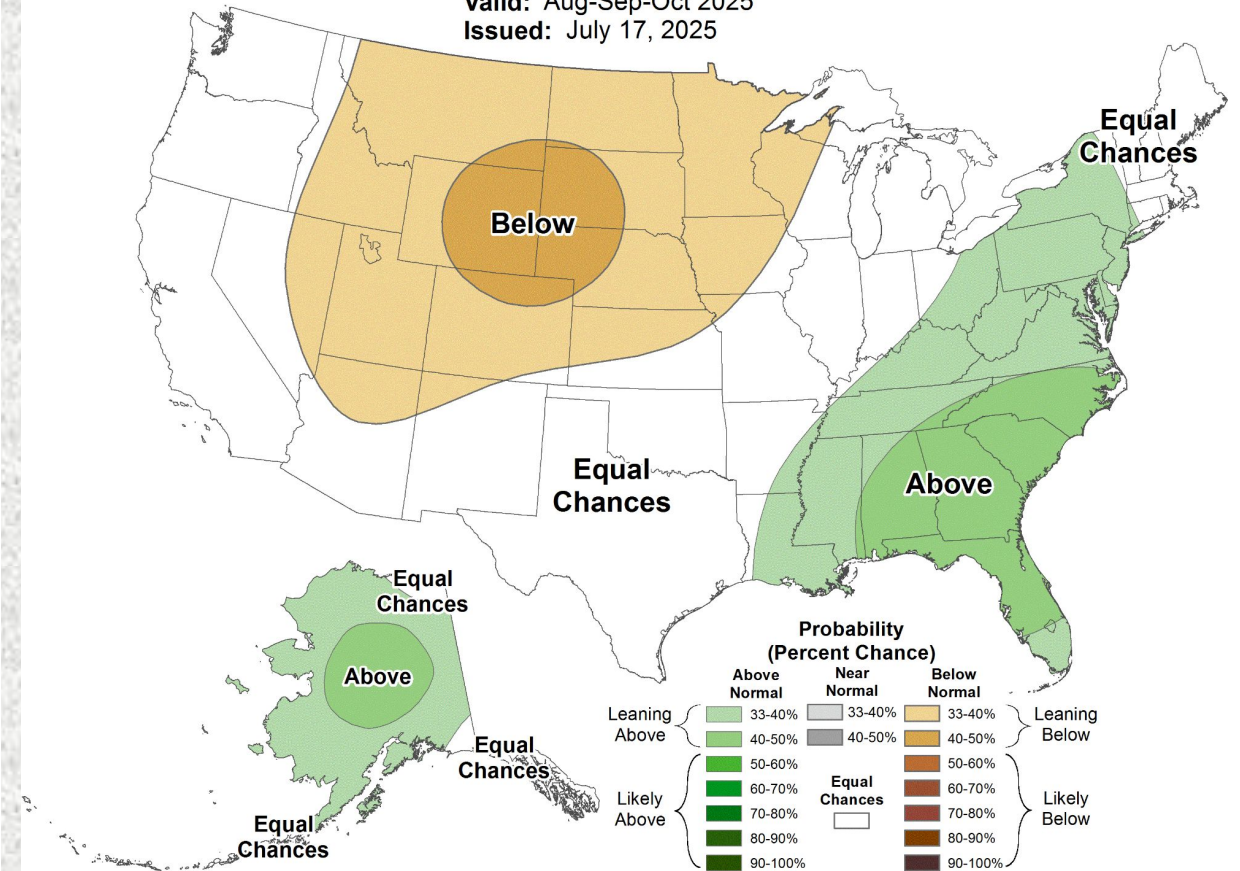
Valid: August 2025  
Issued: July 31, 2025



## Seasonal Precipitation Outlook



Valid: Aug-Sep-Oct 2025  
Issued: July 17, 2025



# Flood Products Issued

| Product                                | Number Issued     |
|--|-------------------|
| Flash Flood Watch (FFA)                | 0                 |
| Flash Flood Warning (FFW)              | 0                 |
| Flash Flood Statement (FFS)            | 0                 |
| Areal Flood Warning                    | 0                 |
| River Flood Warnings (FLW)             | 0                 |
| River Flood Statements                 | 7                 |
| Flood Advisories (FLS)                 | 12 (ETN: 078-089) |
| Probabilistic Hydrologic Outlook (ESF) | 6                 |