

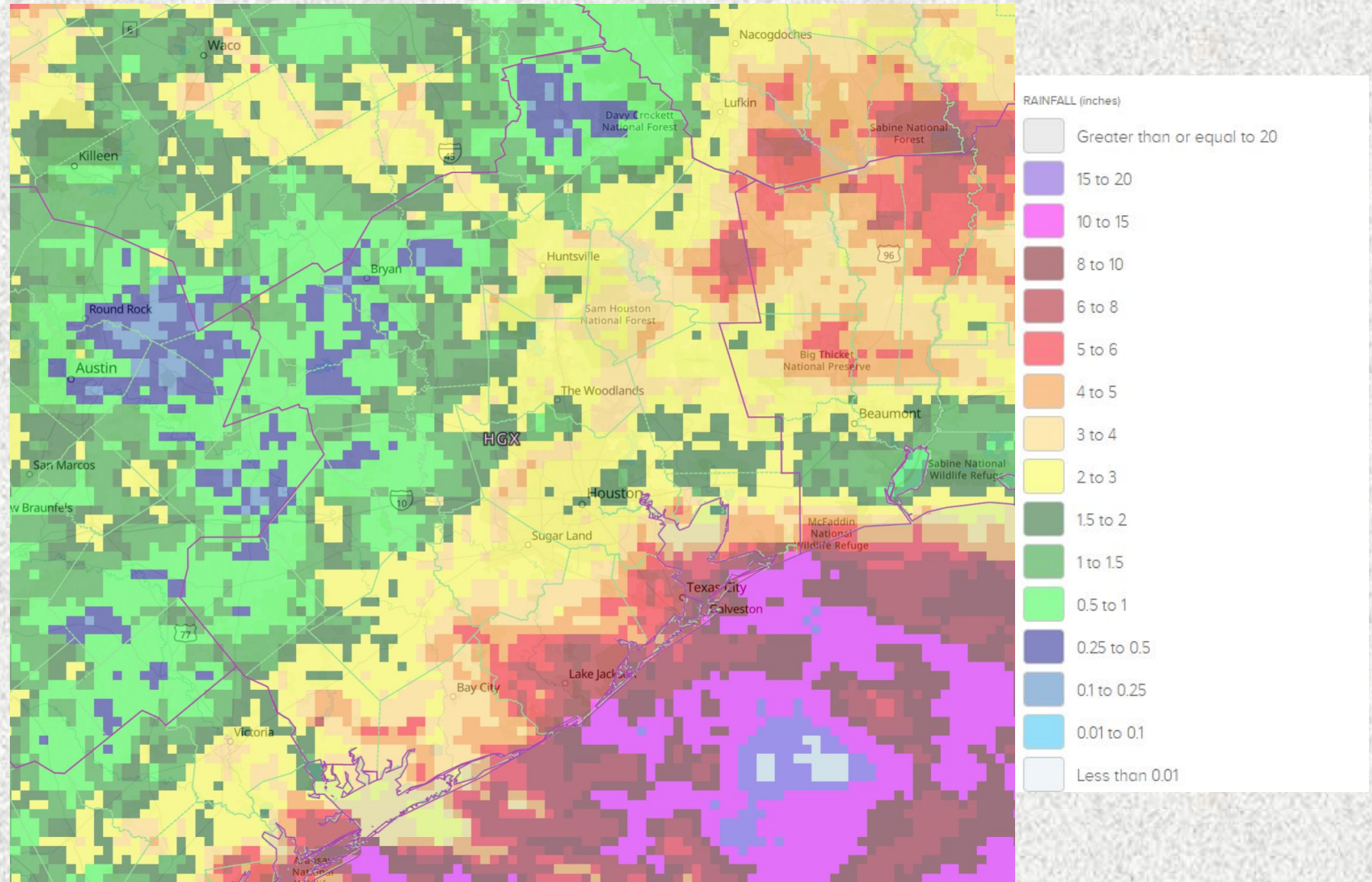
# NWS Houston/Galveston Monthly Hydrologic Report September 2024

**Produced by: Cameron Batiste**

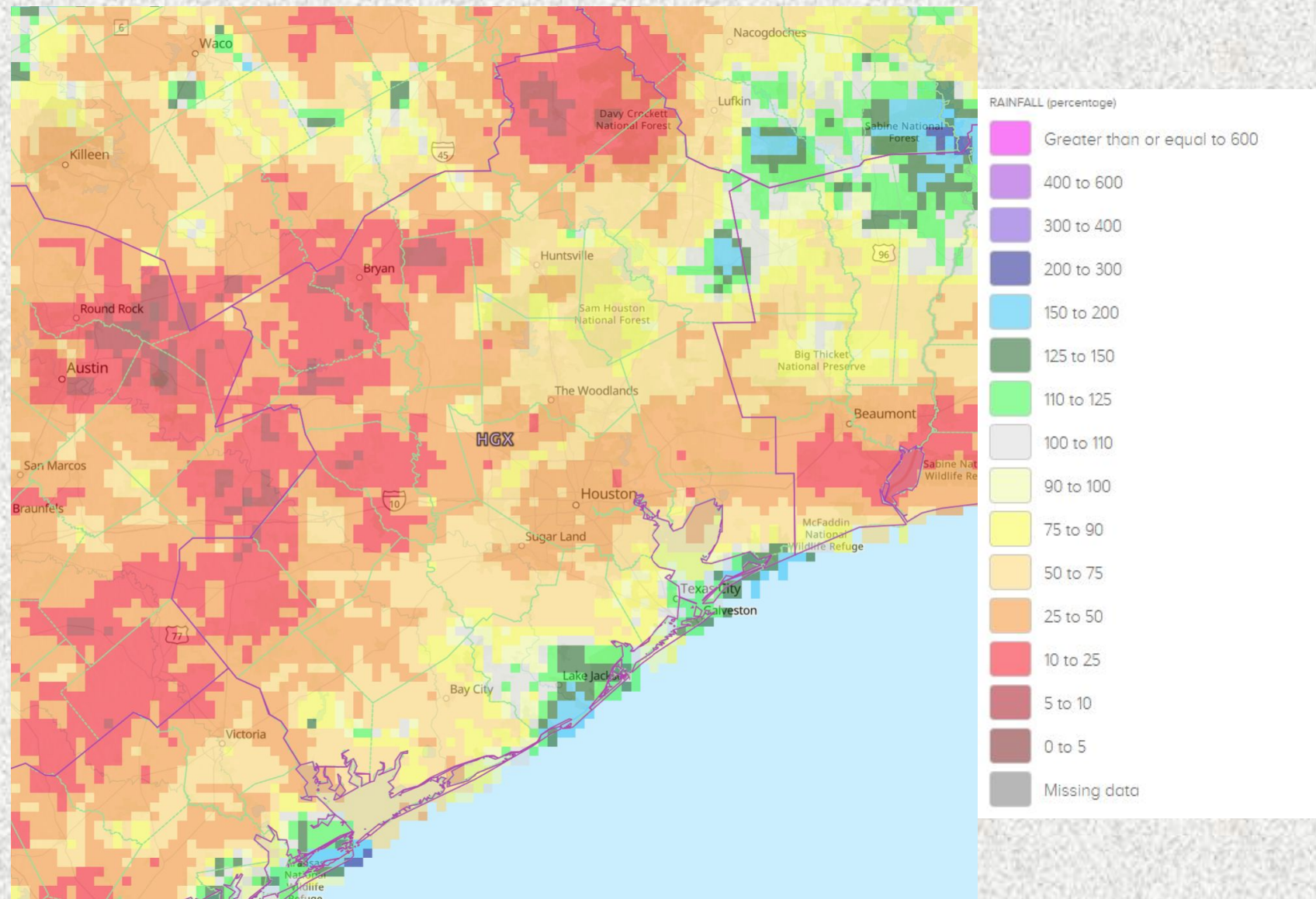
**Date: 10/08/2024**

September was a tale of two stories as the beginning of the month started out with a heavy rainfall event along the coast. Meanwhile, the remainder of the month was mostly dry leading to the return of abnormally dry conditions across most of Southeast Texas and moderate drought to portions of the Brazos Valley by the end of the month.

# Monthly Precipitation

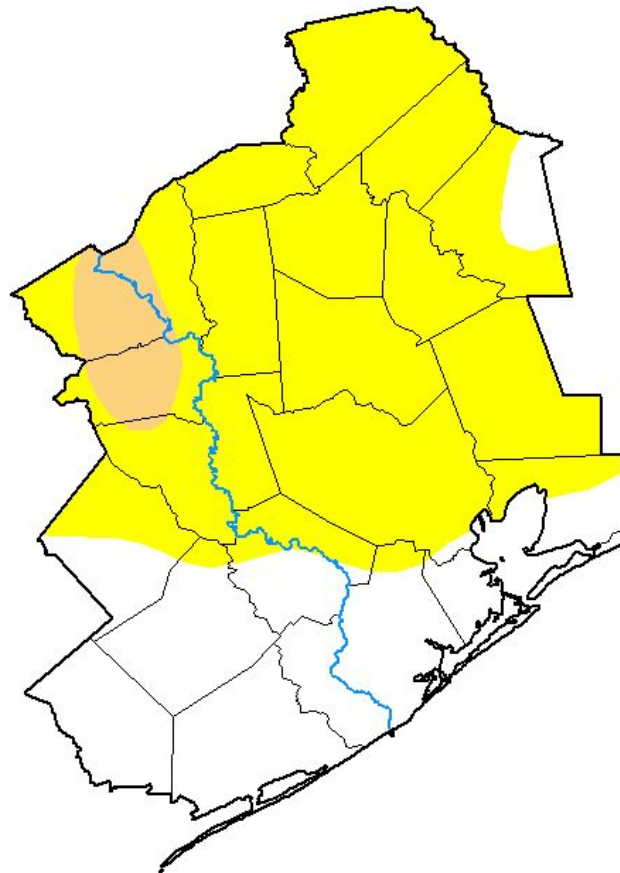


# Monthly Percent of Normal Precipitation



# U.S. Drought Monitor

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



**September 24, 2024**  
(Released Thursday, Sep. 26, 2024)  
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	31.54	68.46	5.03	0.00	0.00	0.00
<b>Last Week</b> 09-17-2024	75.67	24.33	0.00	0.00	0.00	0.00
<b>3 Months Ago</b> 06-25-2024	100.00	0.00	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> 01-02-2024	26.21	73.79	57.44	11.02	0.00	0.00
<b>Start of Water Year</b> 09-26-2023	0.00	100.00	100.00	100.00	99.98	55.82
<b>One Year Ago</b> 09-26-2023	0.00	100.00	100.00	100.00	99.98	55.82

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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U.S. Department of Agriculture



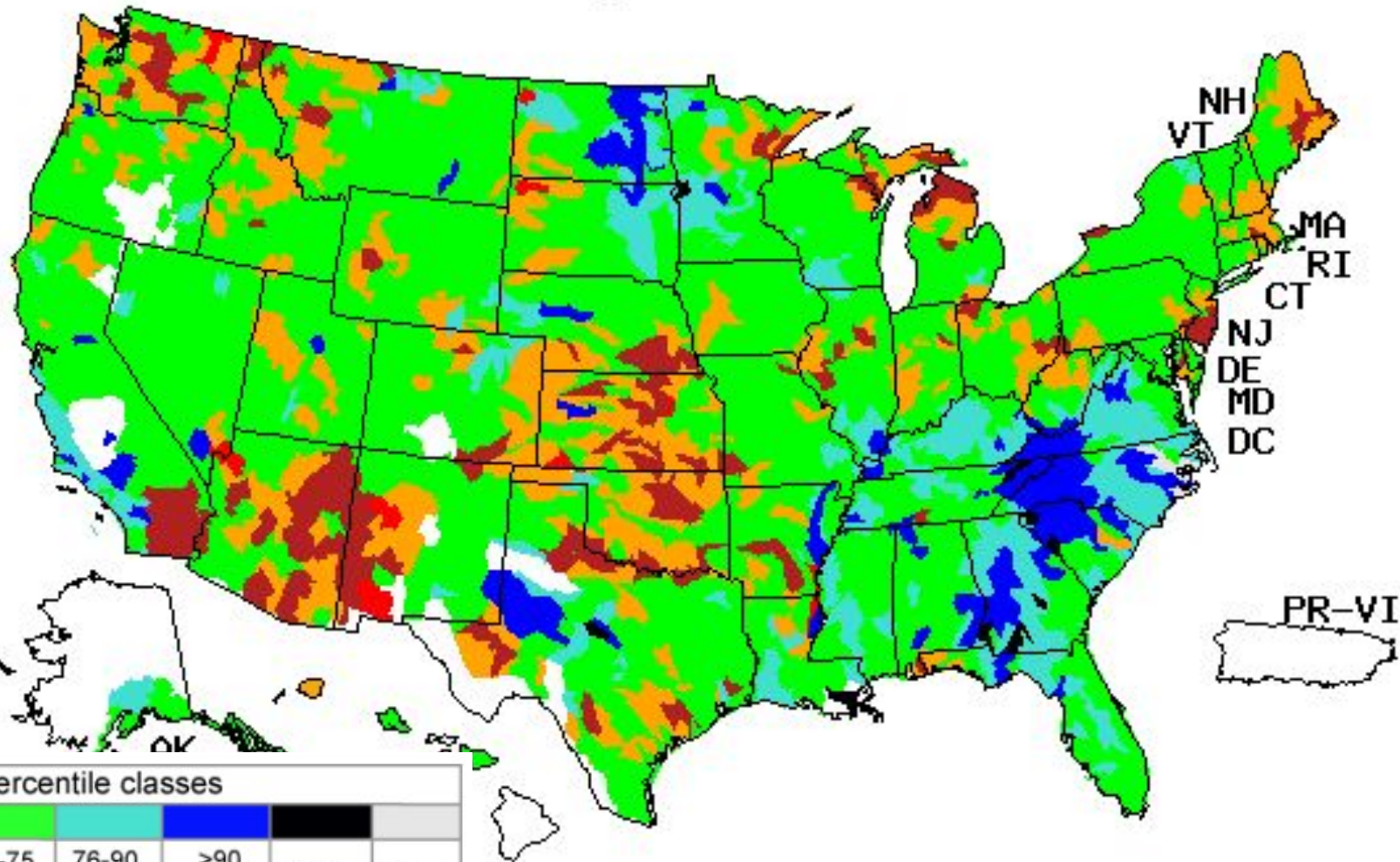
[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

# River Flooding

River and Station	Flood Stage (feet)	Crest Stage (feet)	Crest Date
None			

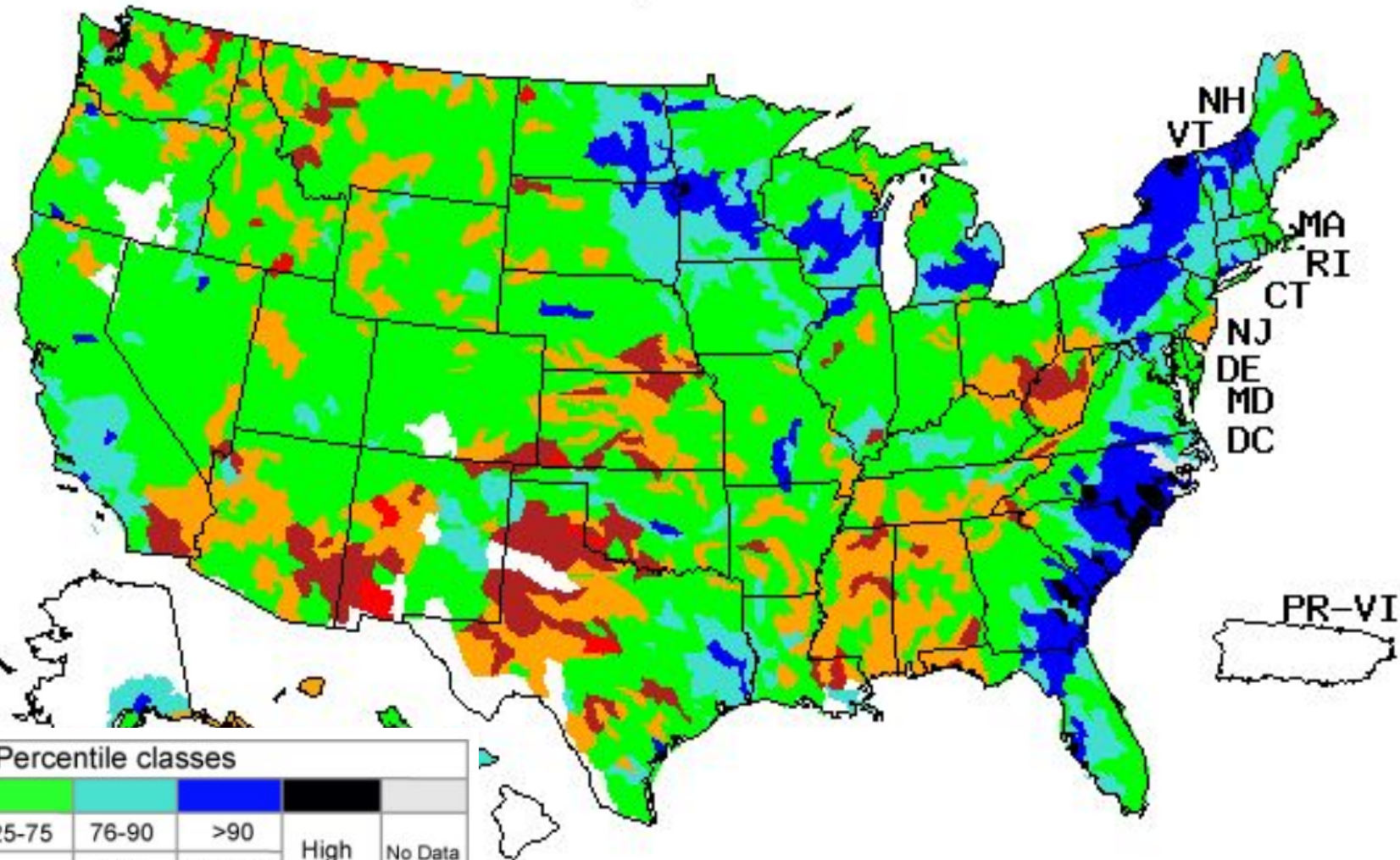
# Monthly Average Streamflow

September 2024

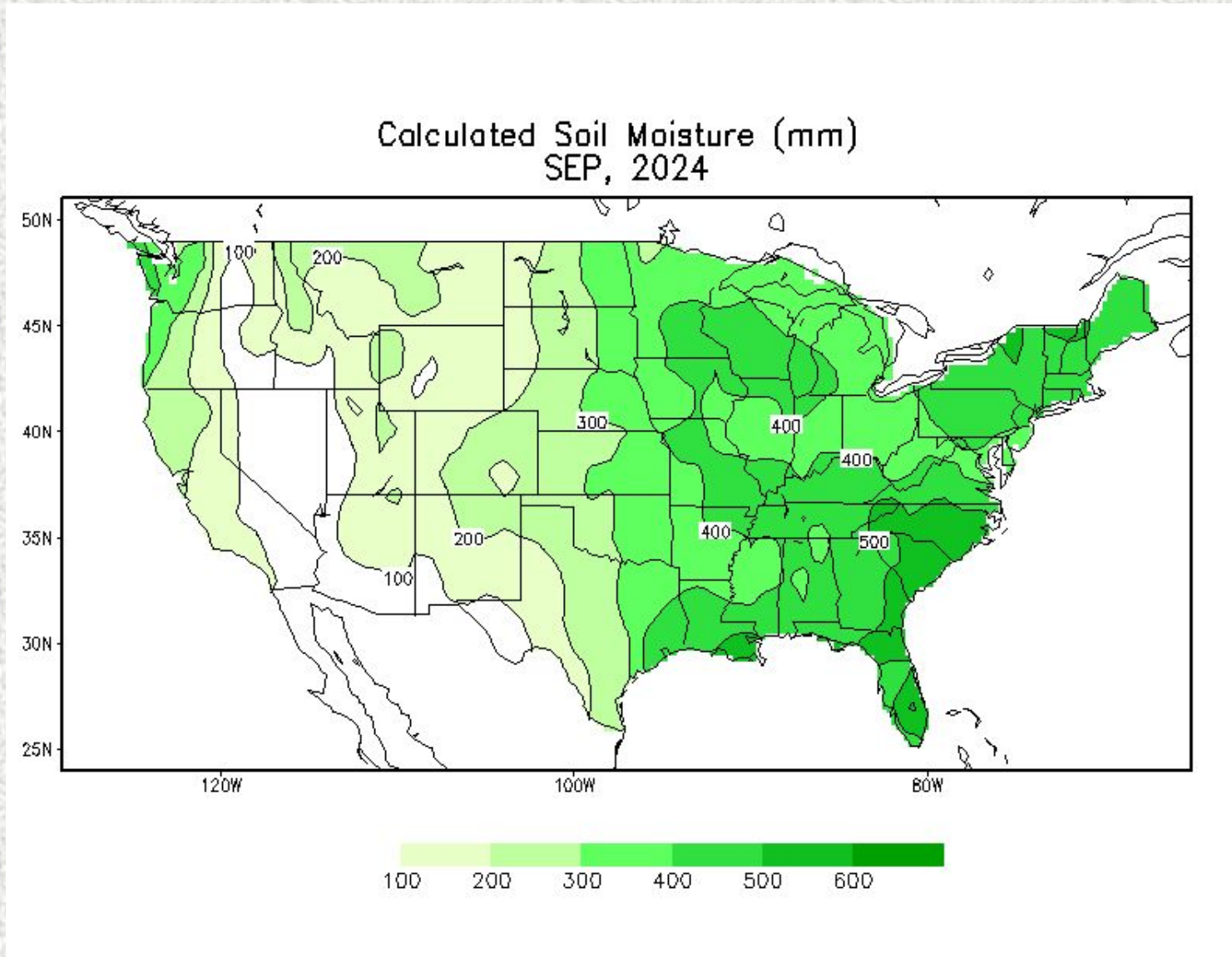


# Previous Monthly Average Streamflow

August 2024

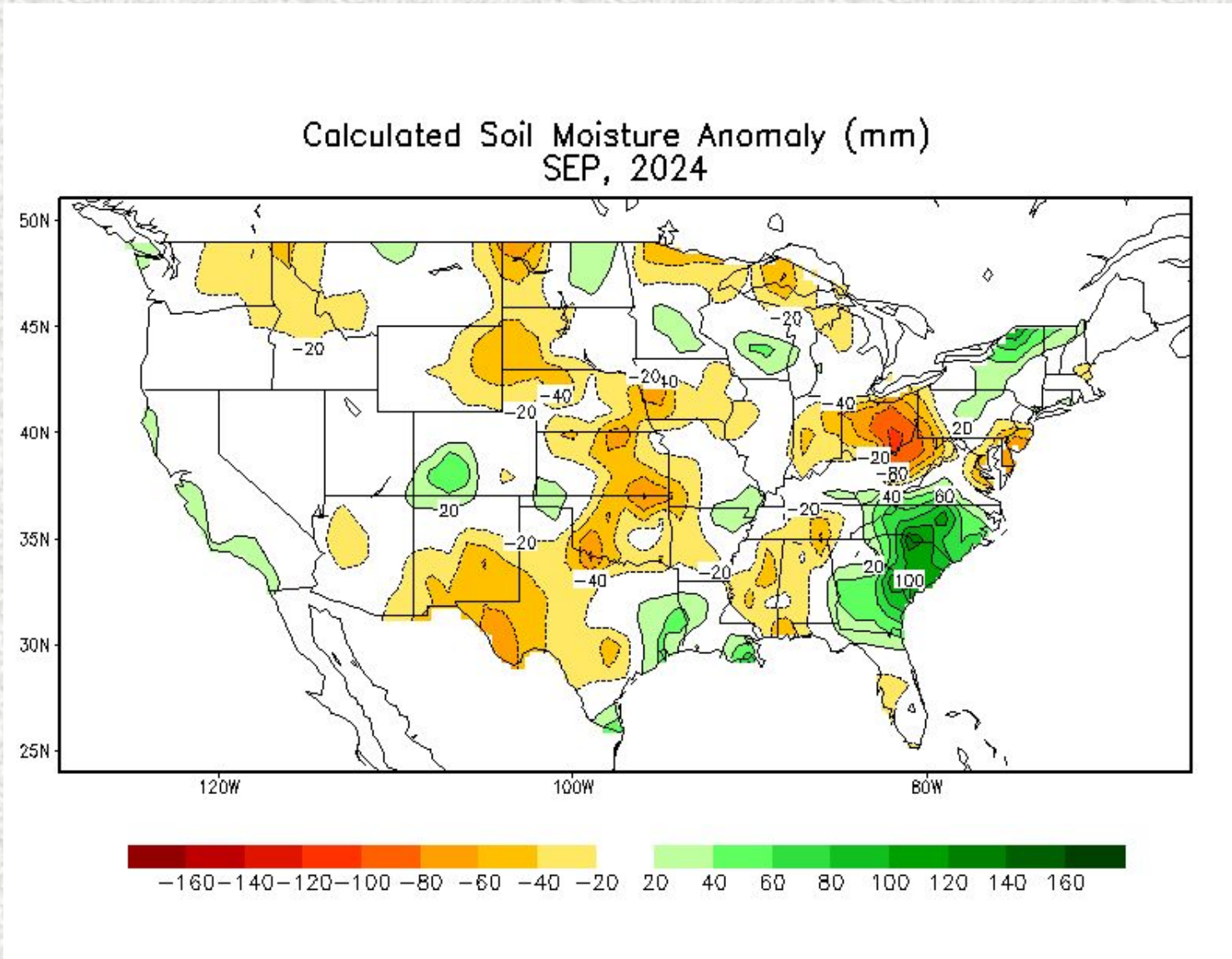


# Soil Moisture

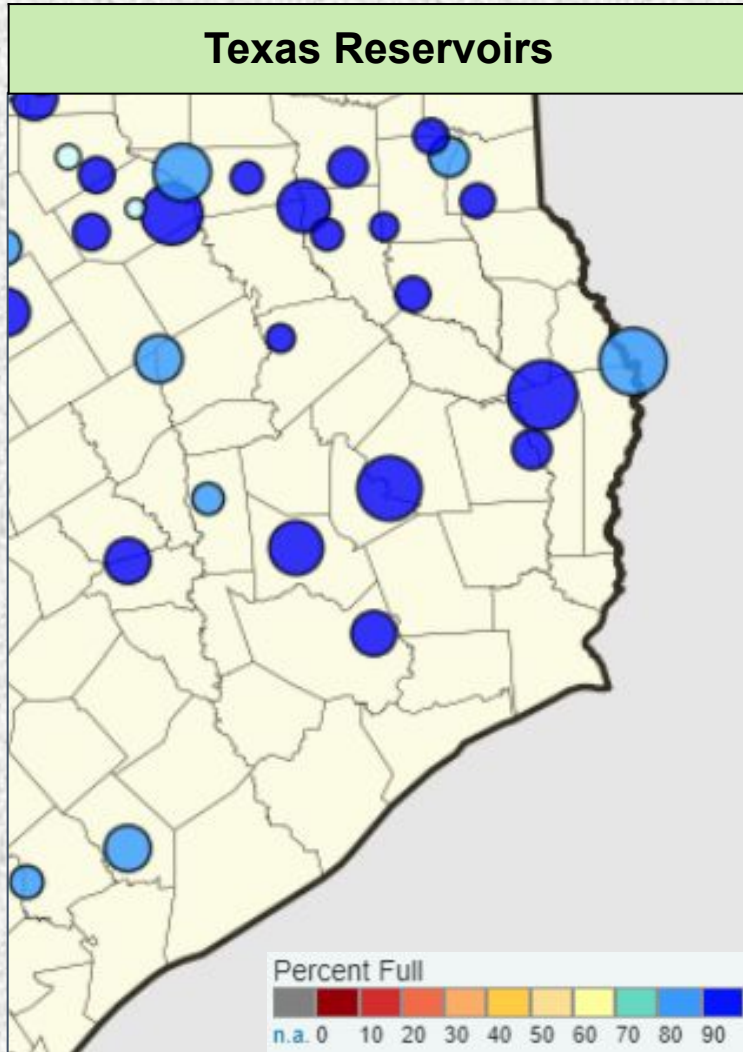




# Soil Moisture Anomaly



# Reservoir Status



Reservoir	Percent Full Conservation Storage
Houston County Lake	99.0%
Lake Livingston	95.5%
Lake Conroe	95.5%
Lake Houston	97.6%
Gibbons Creek Reservoir	83.1%
Lake Somerville	90.5%
Lake Texana	86.8%

Data added on: October 8, 2024 at 7:15 am CDT

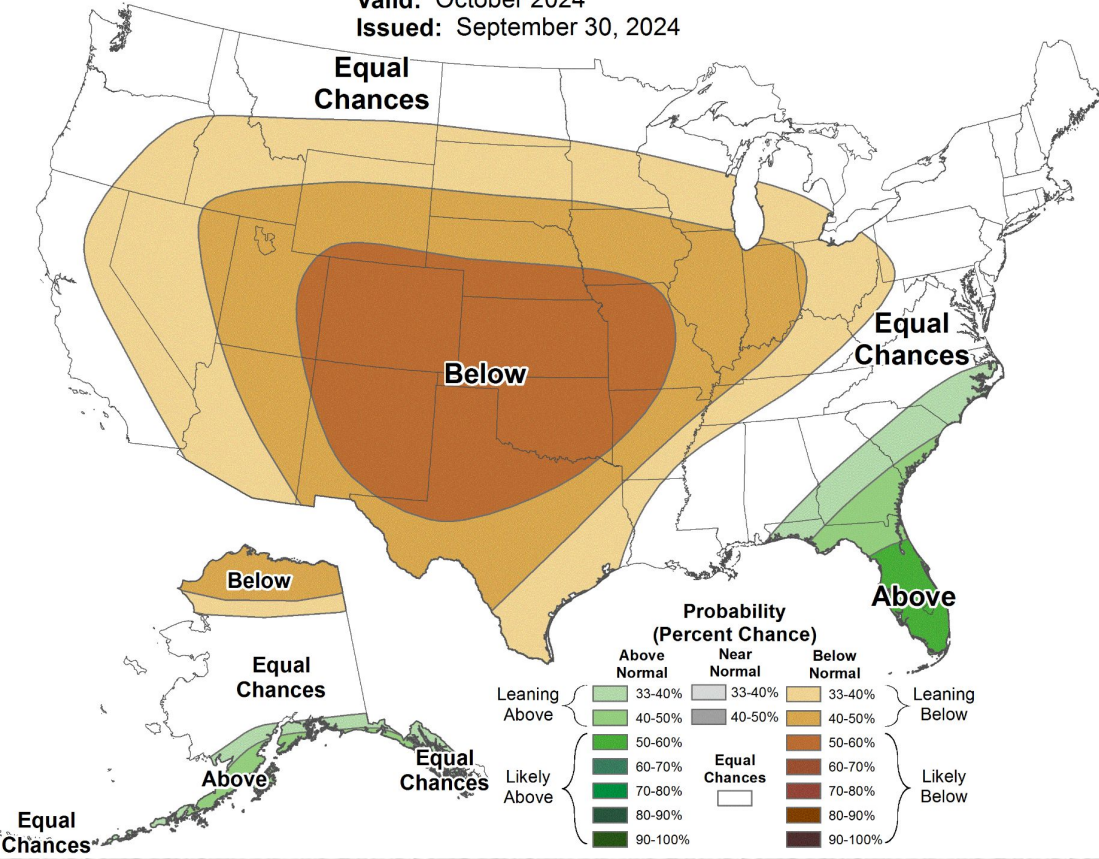
# Precipitation Outlooks



## Monthly Precipitation Outlook



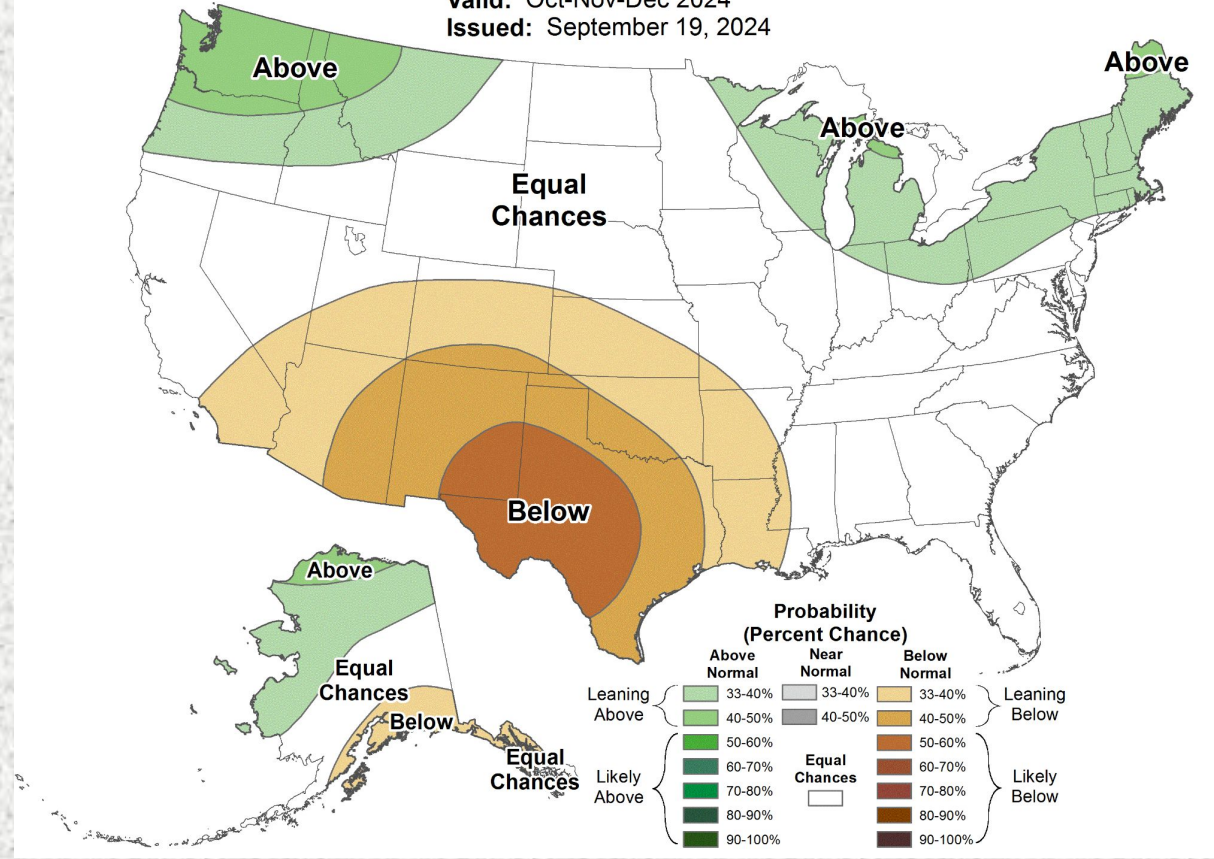
Valid: October 2024  
Issued: September 30, 2024



## Seasonal Precipitation Outlook



Valid: Oct-Nov-Dec 2024  
Issued: September 19, 2024



# Flood Products Issued

Product	Number Issued
Flash Flood Watch (FFA)	1 (ETN: 010)
Flash Flood Warning (FFW)	1 (ETN: 070)
Flash Flood Statement (FFS)	1
Areal Flood Warning	1 (ETN: 046)
River Flood Warnings (FLW)	0
River Flood Statements	1
Flood Advisories (FLS)	7 (ETN: 150-156)
Probabilistic Hydrologic Outlook (ESF)	6