

# NWS Houston/Galveston Monthly Hydrologic Report June 2022

**Produced by: Cameron Batiste**

**Date: 7/2/2022**

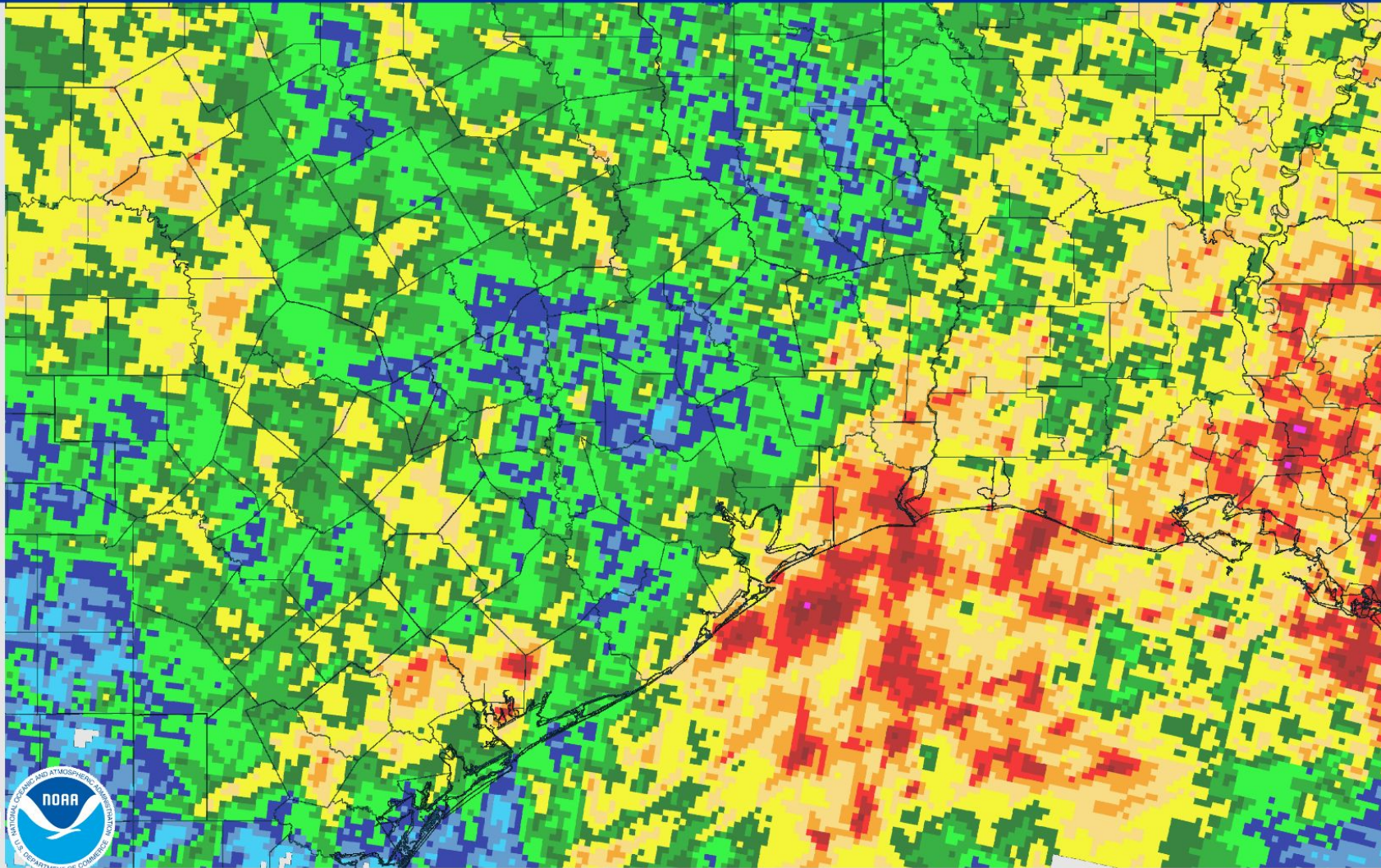
An overall quiet and dry month highlighted by the record-setting temperatures (hottest June on record for the City of Houston) and the spread of extreme drought conditions across the coastal and southwestern counties. A tropical disturbance at the tail end of the month brought much-needed rainfall for coastal southeastern locations.

# Monthly Precipitation

June 01, 2022 Monthly Observed Precipitation

Created on: July 03, 2022 - 00:05 UTC

Valid on: July 01, 2022 12:00 UTC

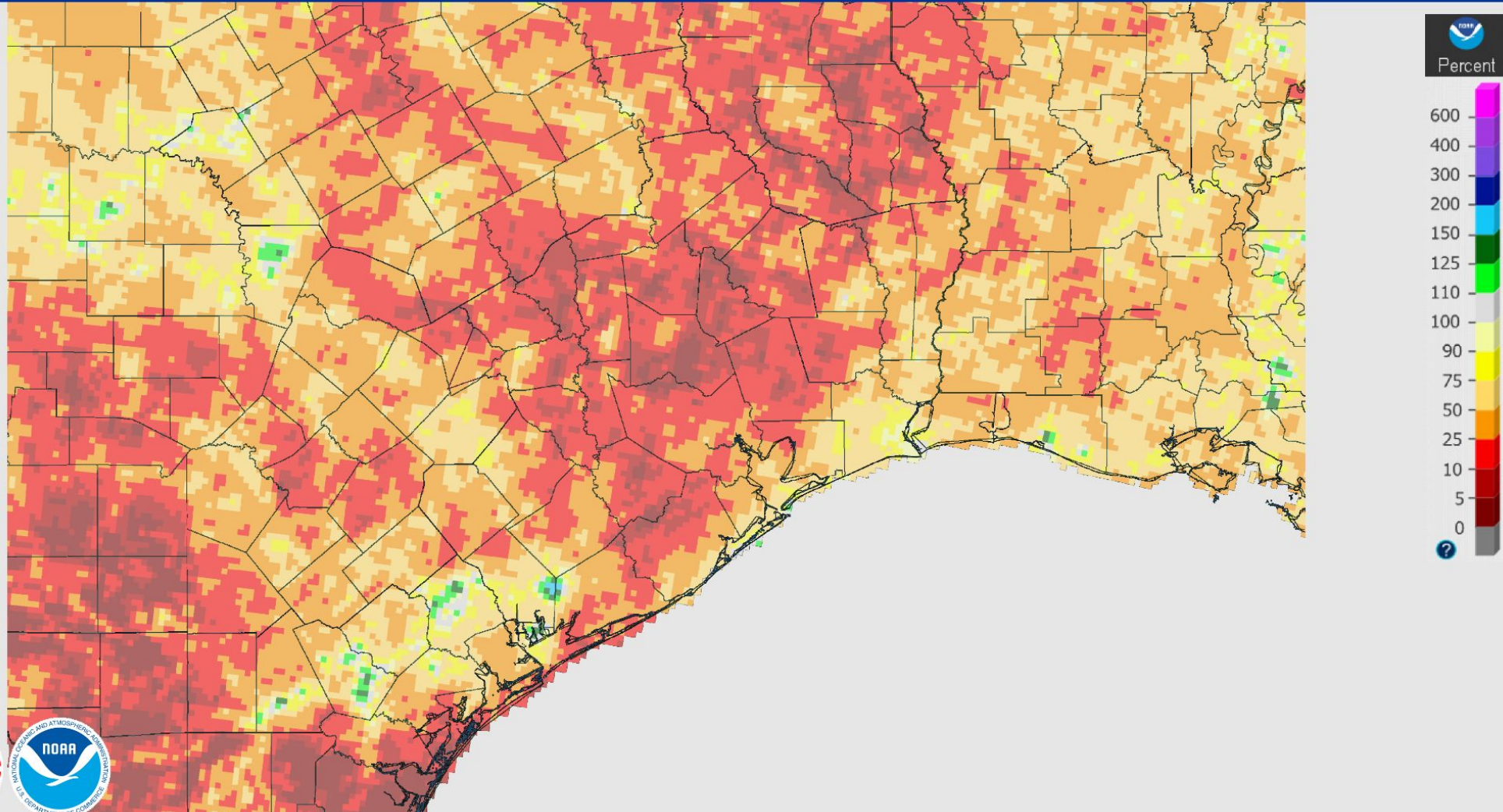


# Monthly Percent of Normal Precipitation

June 01, 2022 Monthly Percent Precipitation

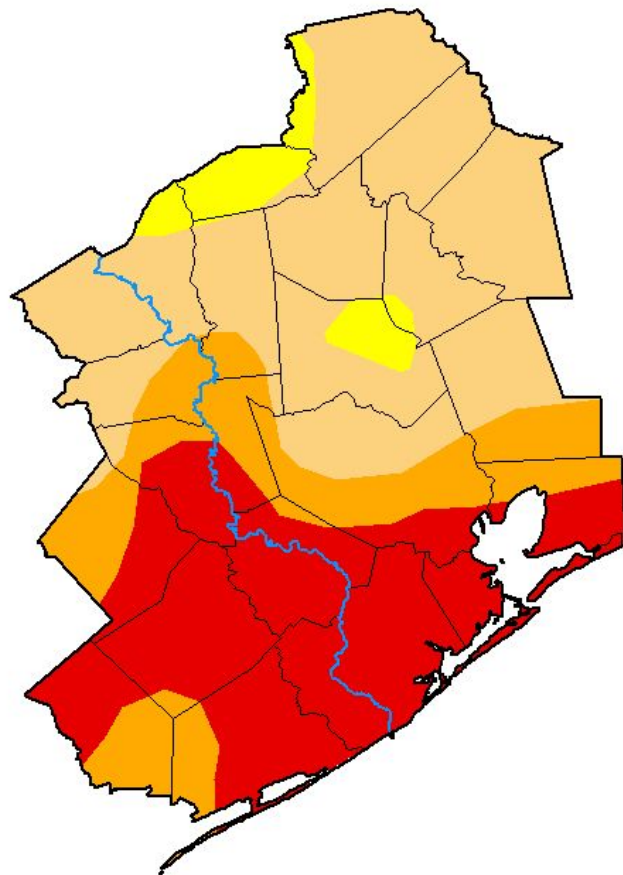
Created on: July 03, 2022 - 00:07 UTC

Valid on: July 01, 2022 12:00 UTC



# U.S. Drought Monitor

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



**June 28, 2022**  
(Released Thursday, Jun. 30, 2022)  
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.00	100.00	94.86	51.15	32.87	0.00
<b>Last Week</b> 06-21-2022	1.72	98.28	64.23	49.28	32.46	0.00
<b>3 Months Ago</b> 03-29-2022	24.27	75.73	40.39	0.00	0.00	0.00
<b>Start of Calendar Year</b> 01-04-2022	6.94	93.06	46.95	3.61	0.00	0.00
<b>Start of Water Year</b> 09-28-2021	57.82	42.18	0.00	0.00	0.00	0.00
<b>One Year Ago</b> 06-29-2021	100.00	0.00	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



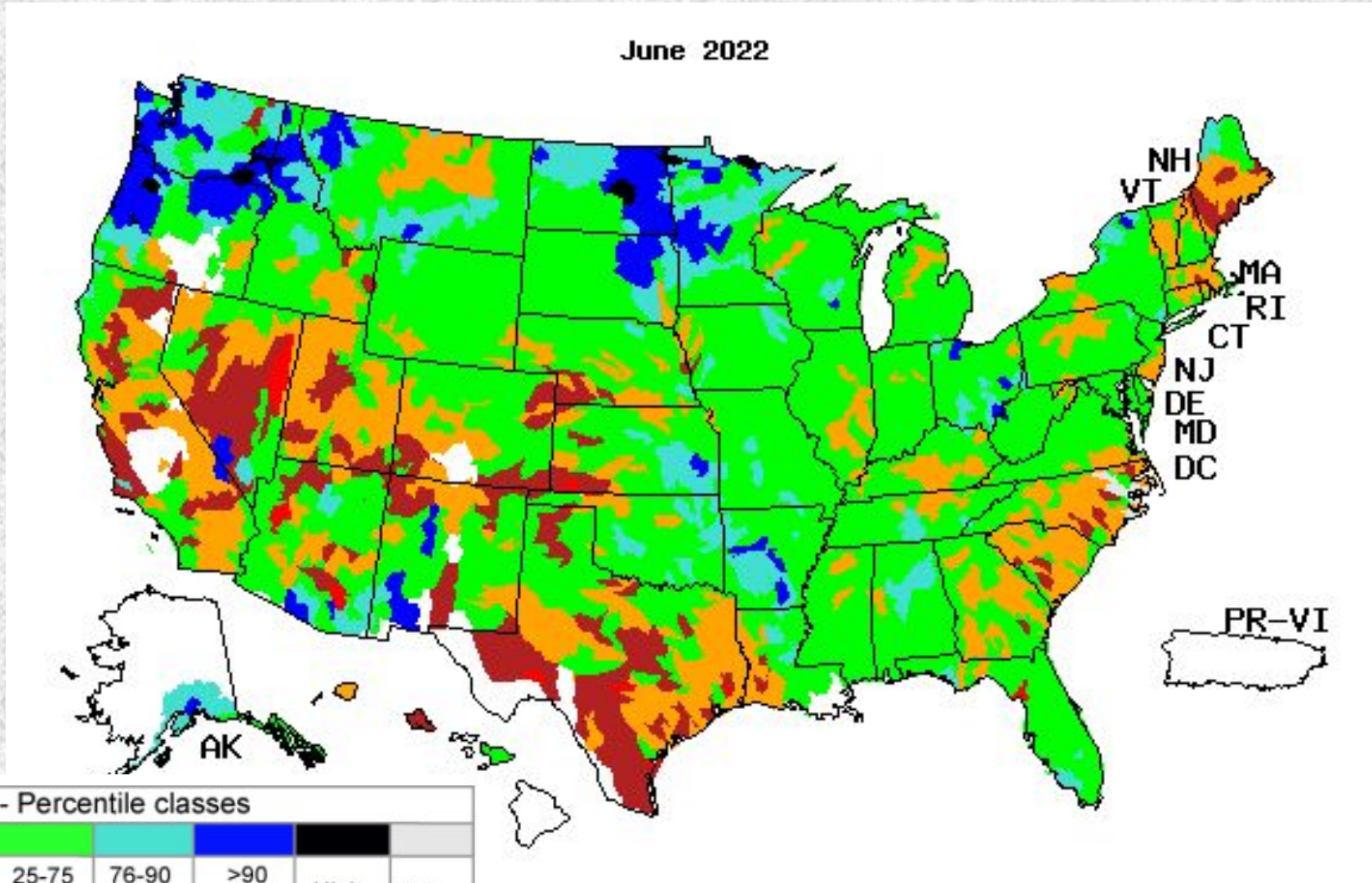
[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

# River Flooding

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

# Monthly Average Streamflow

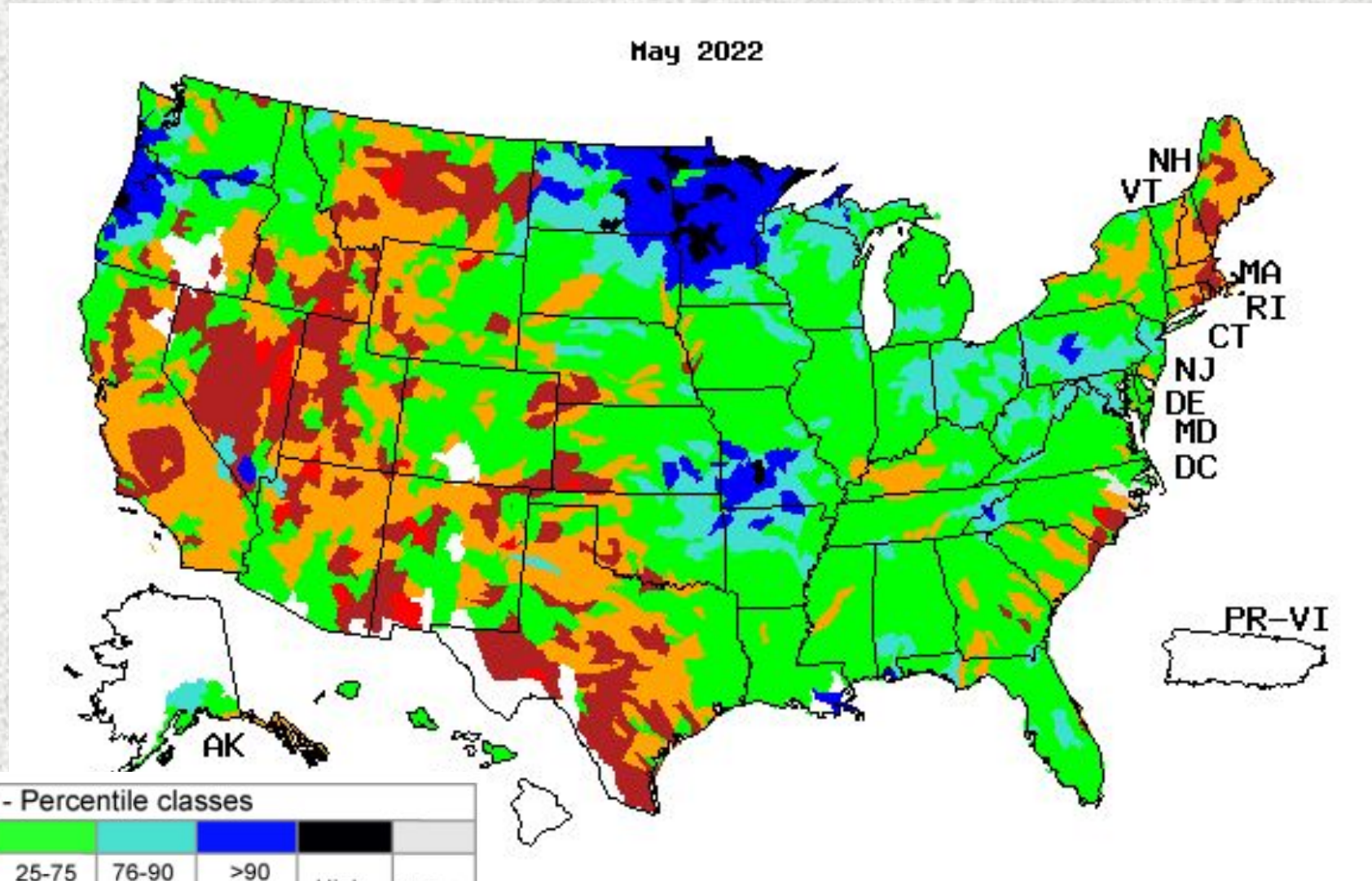
June 2022



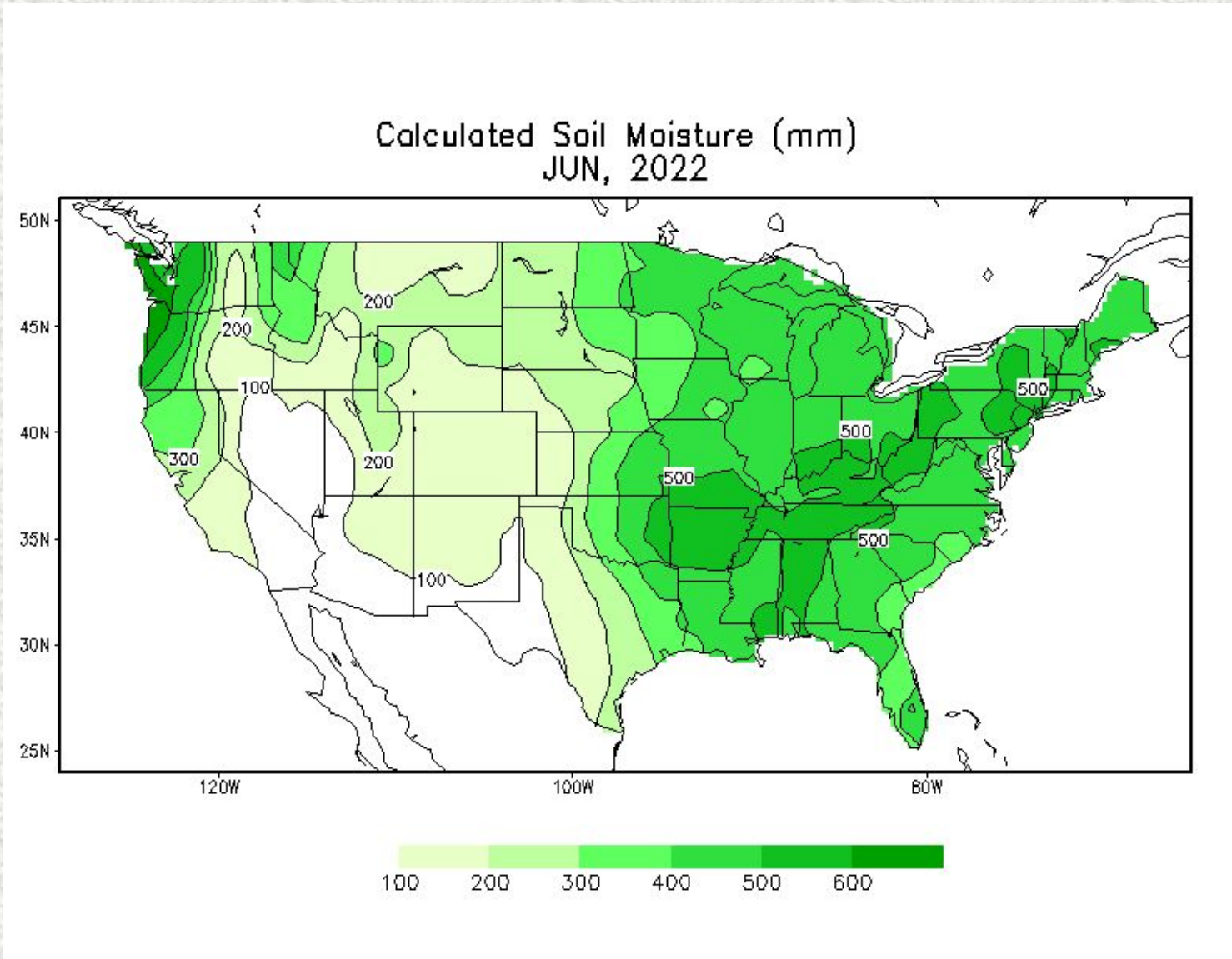
Explanation - Percentile classes

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

# Previous Monthly Average Streamflow

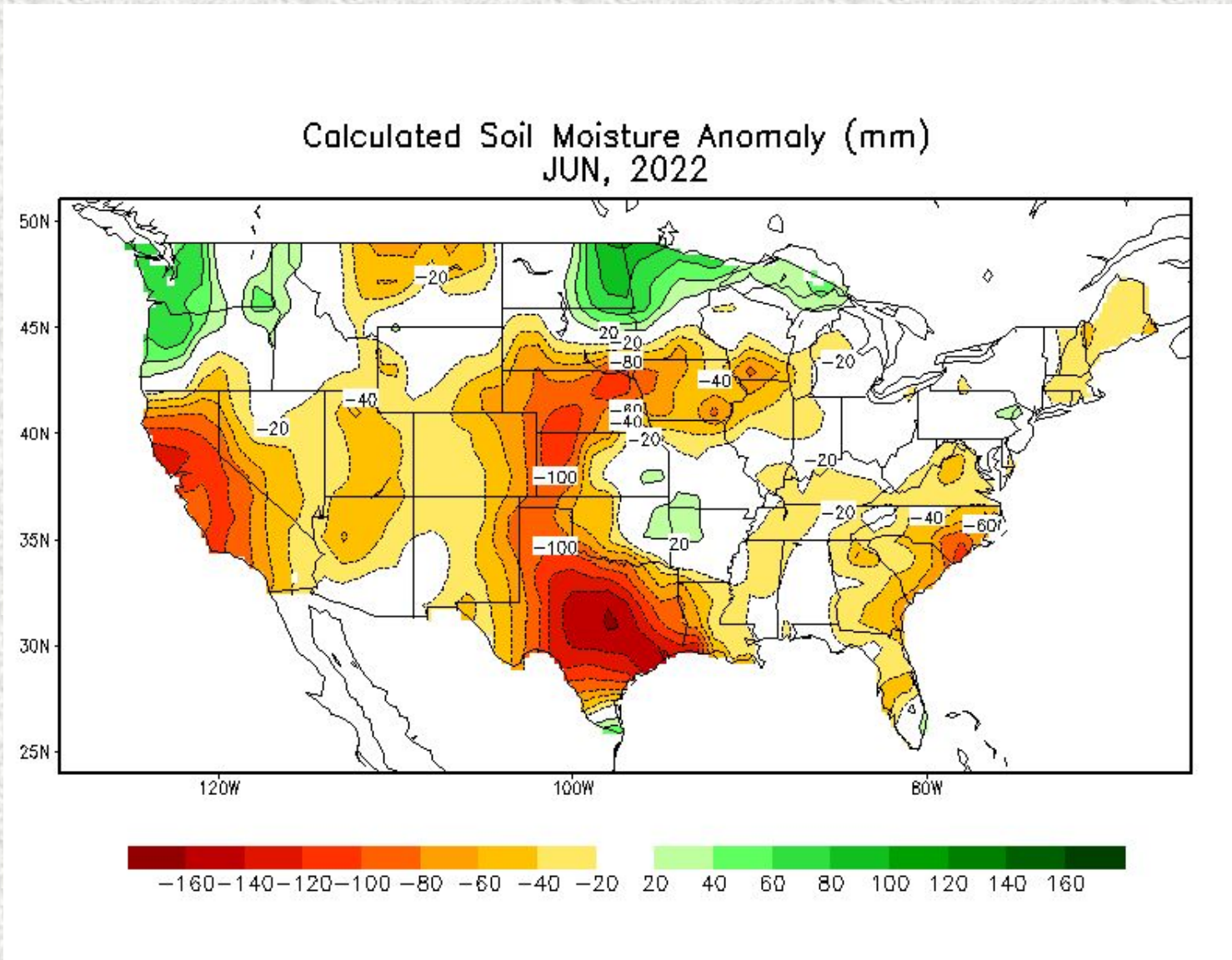


# Soil Moisture





# Soil Moisture Anomaly



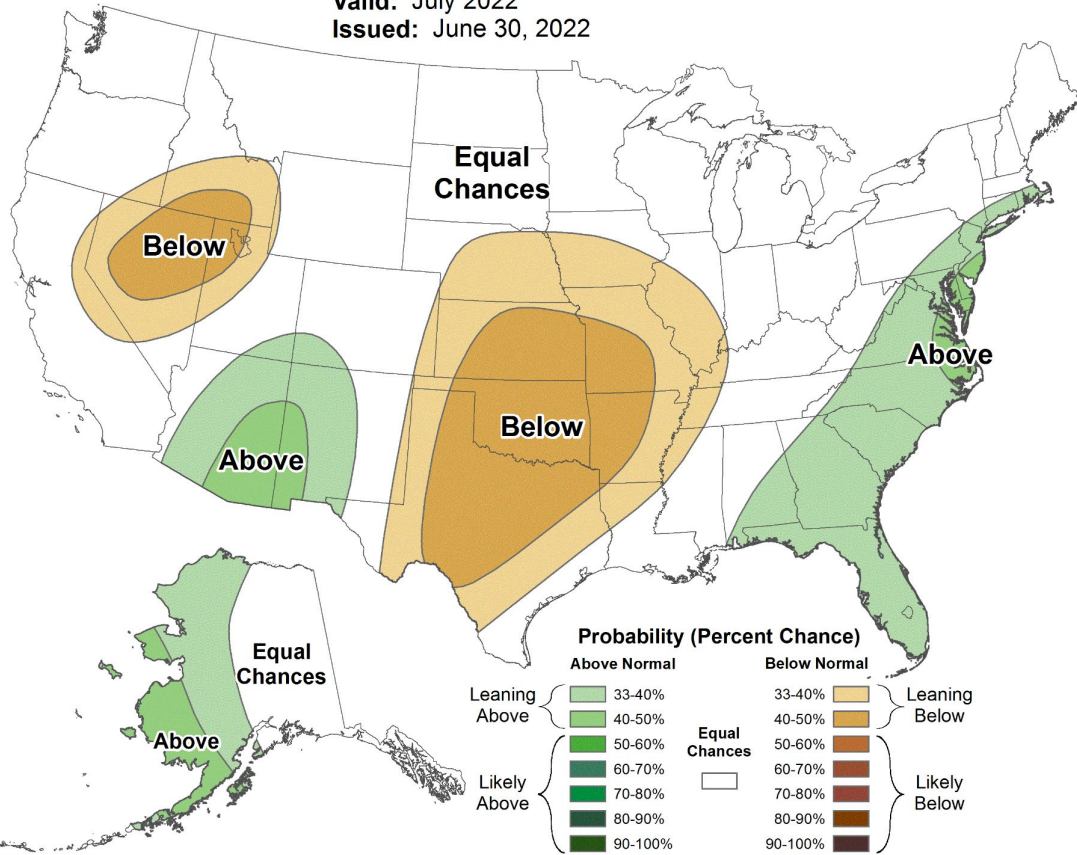
# Precipitation Outlooks



## Monthly Precipitation Outlook



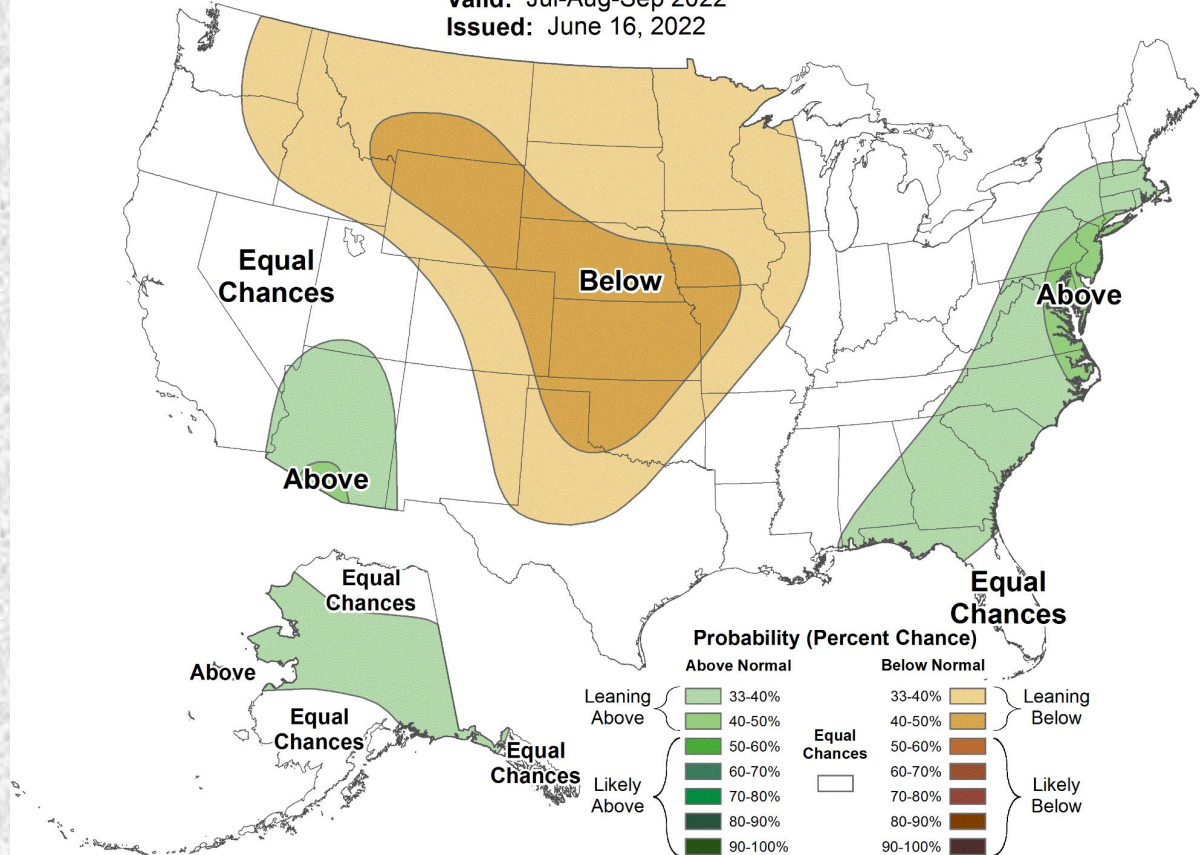
Valid: July 2022  
Issued: June 30, 2022



## Seasonal Precipitation Outlook



Valid: Jul-Aug-Sep 2022  
Issued: June 16, 2022



# Flood Products Issued

Product	Number Issued
Flash Flood Watch	1
Flash Flood Warning	0
Flash Flood Statement	0
Areal Flood Warning	0
River Flood Warnings	0
River Flood Statements	0
Flood Advisories	0
Probabilistic Hydrologic Outlook	6