

NWS Houston/Galveston Monthly Hydrologic Report July 2022

Produced by: Cameron Batiste

Date: 8/5/2022

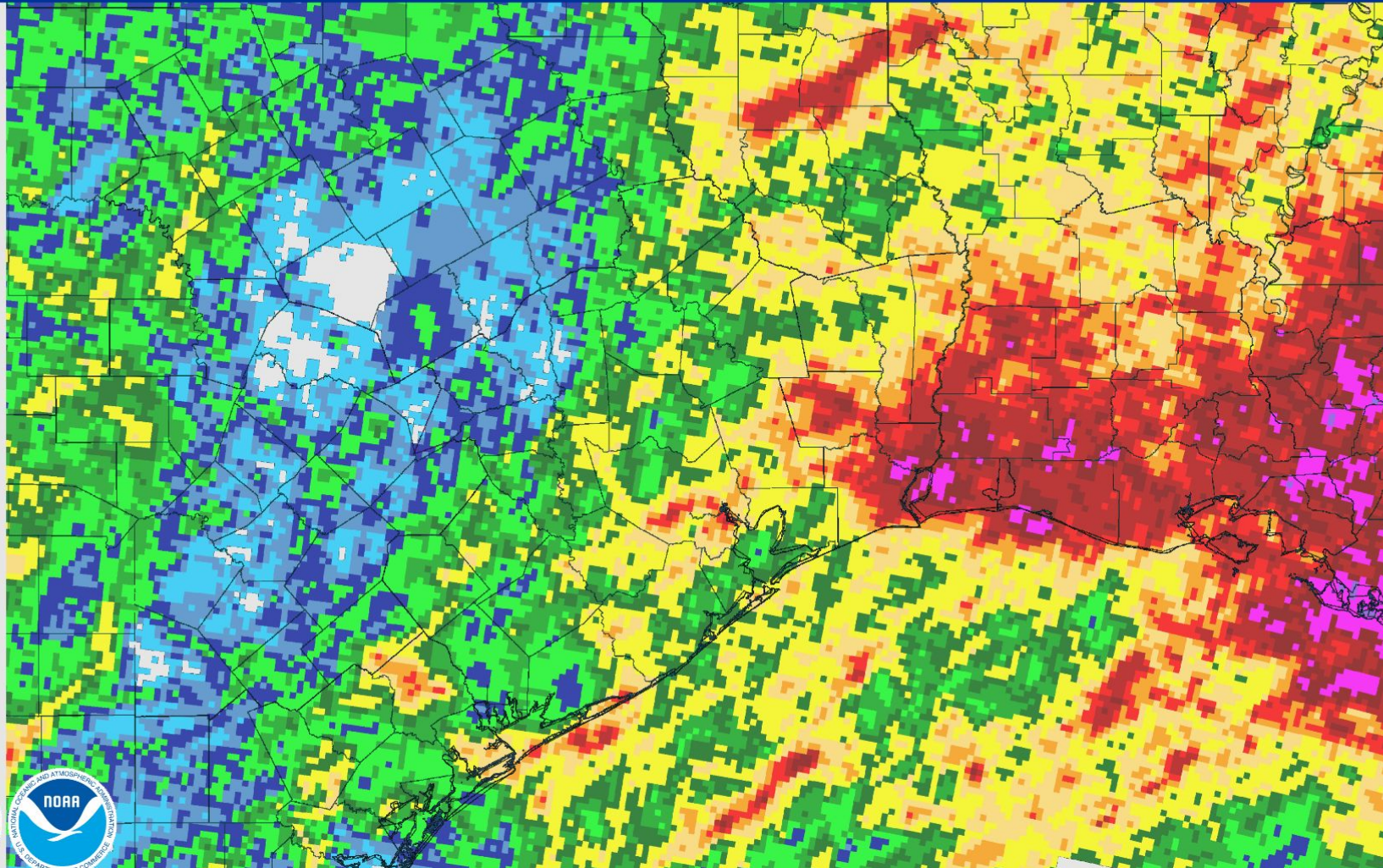
July was dry to say the least with most locations falling well below normal on precipitation totals. This was highlighted with College Station having its 3rd driest July on record with 0.01" rain. Unsurprisingly, drought conditions continued to expand and worsen throughout the month.

Monthly Precipitation

July 01, 2022 Monthly Observed Precipitation

Created on: August 05, 2022 - 11:28 UTC

Valid on: August 01, 2022 12:00 UTC

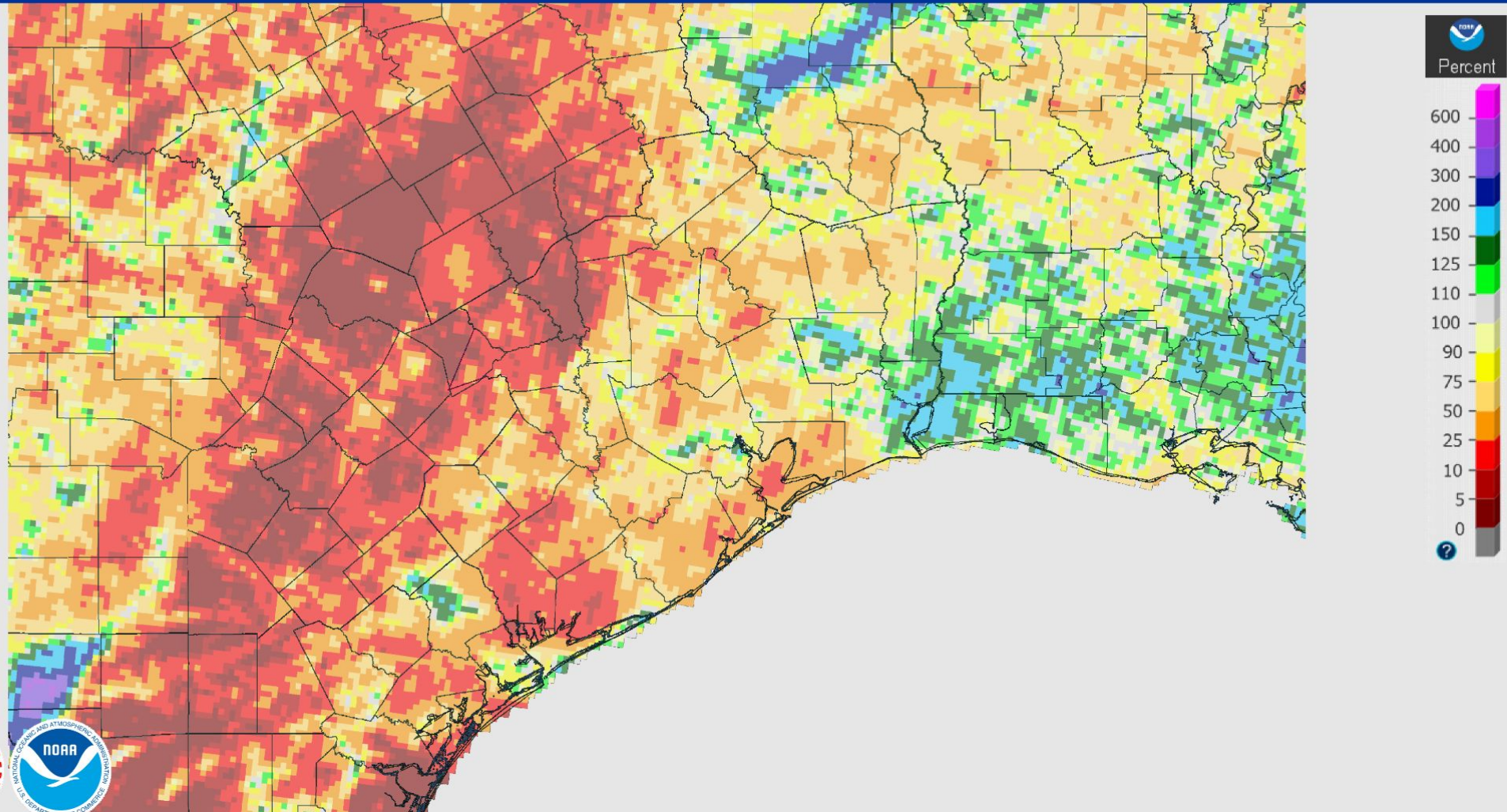


Monthly Percent of Normal Precipitation

July 01, 2022 Monthly Percent Precipitation

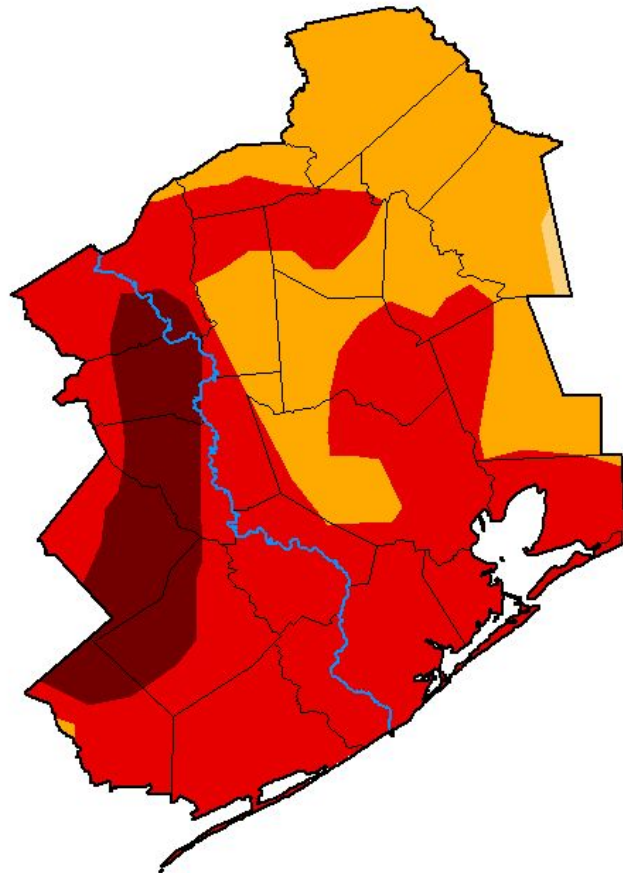
Created on: August 05, 2022 - 11:29 UTC

Valid on: August 01, 2022 12:00 UTC



U.S. Drought Monitor

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



August 2, 2022
(Released Thursday, Aug. 4, 2022)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	99.54	66.87	12.32
Last Week 07-26-2022	0.00	100.00	100.00	87.90	50.58	2.04
3 Months Ago 05-03-2022	28.93	71.07	47.24	33.12	5.35	0.00
Start of Calendar Year 01-04-2022	6.94	93.06	46.95	3.61	0.00	0.00
Start of Water Year 09-28-2021	57.82	42.18	0.00	0.00	0.00	0.00
One Year Ago 08-03-2021	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

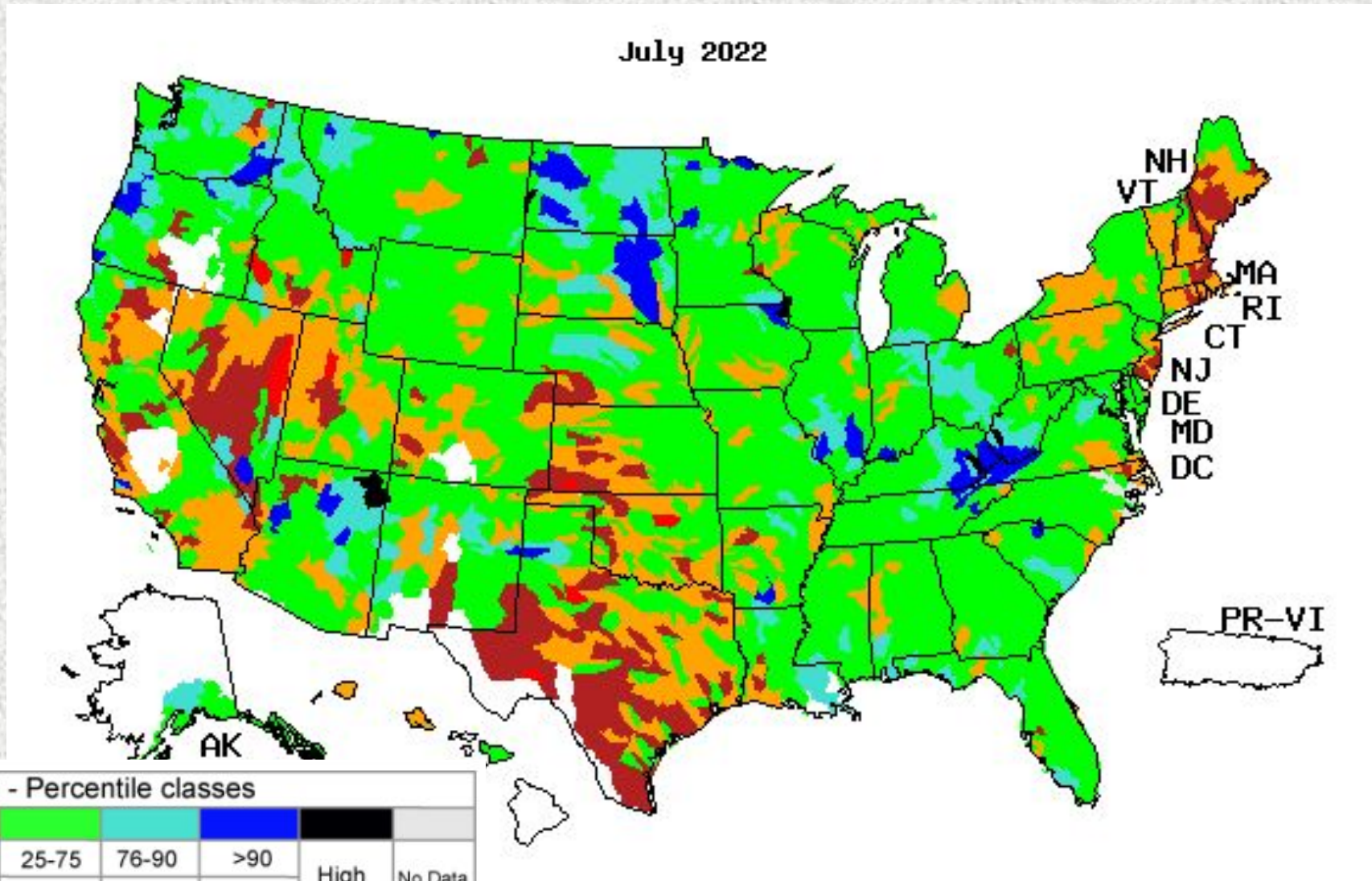


droughtmonitor.unl.edu

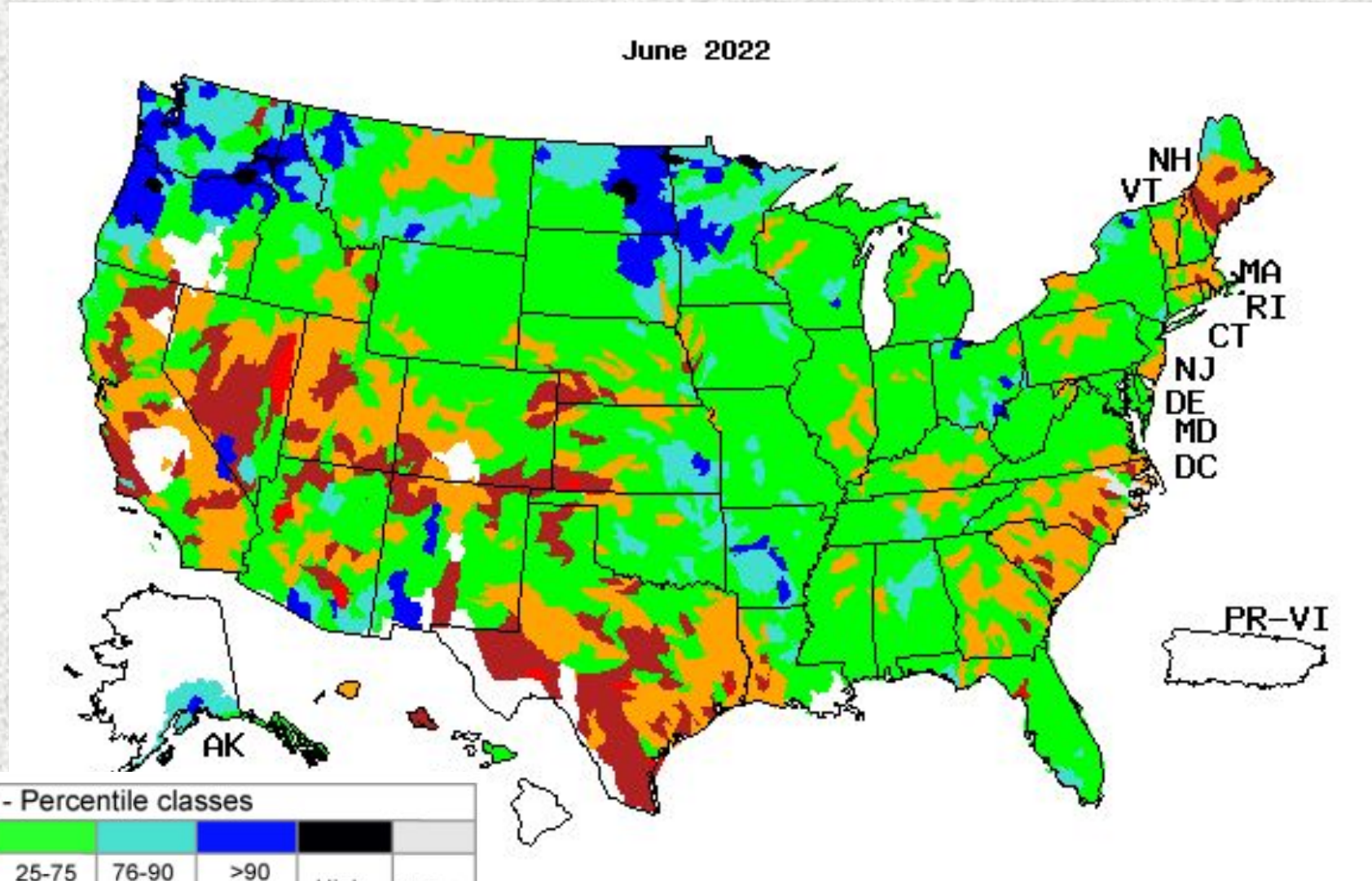
River Flooding

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

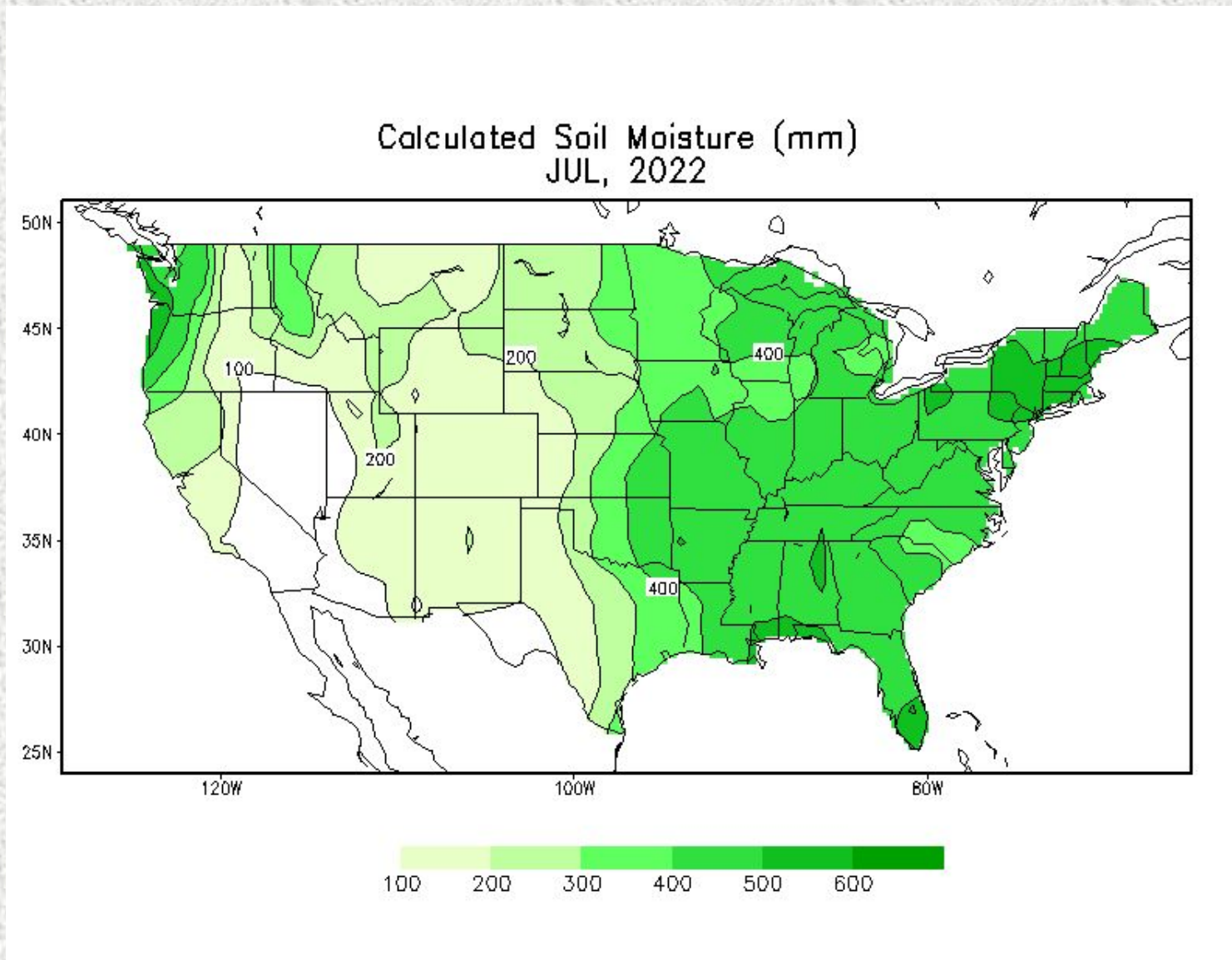
Monthly Average Streamflow



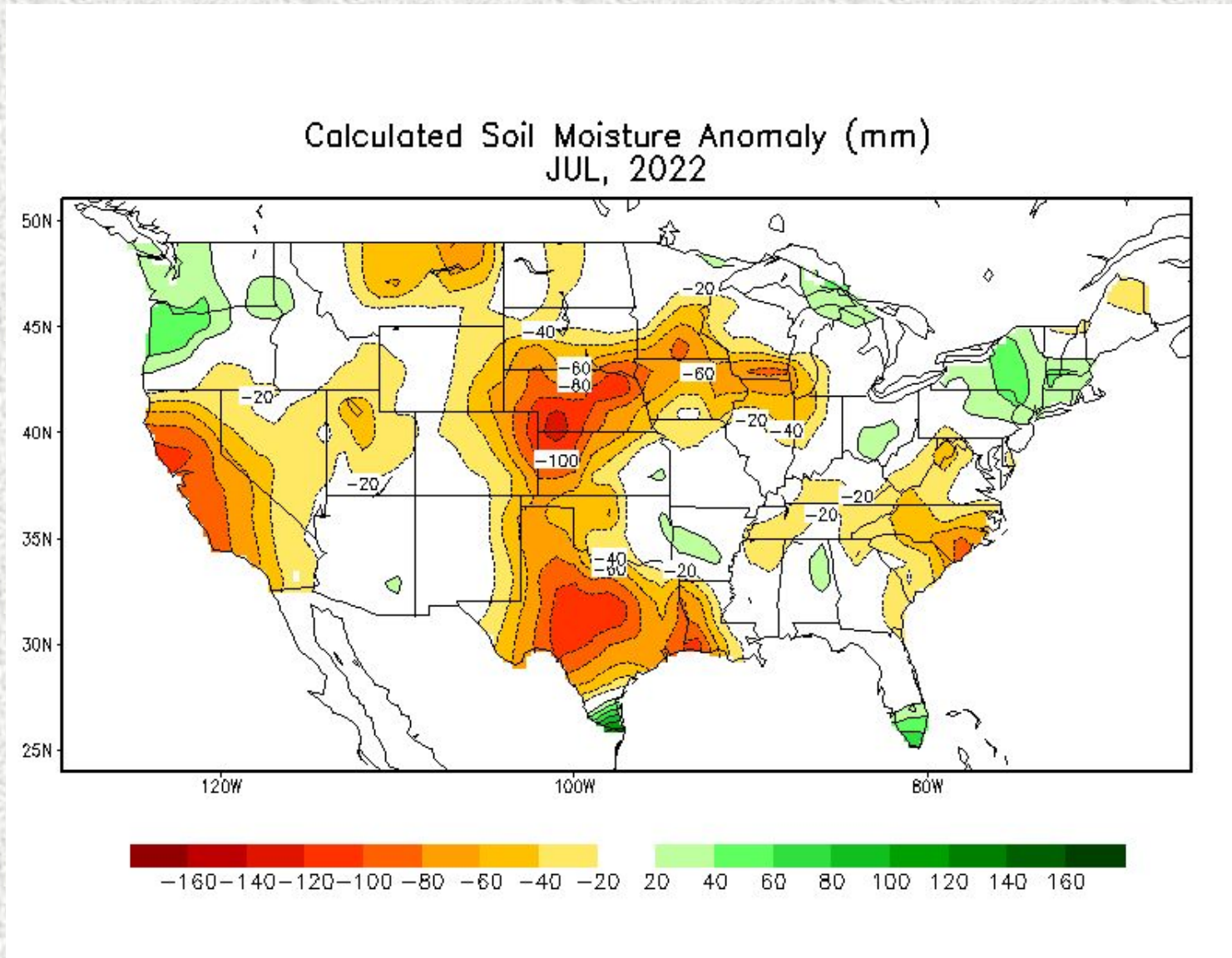
Previous Monthly Average Streamflow



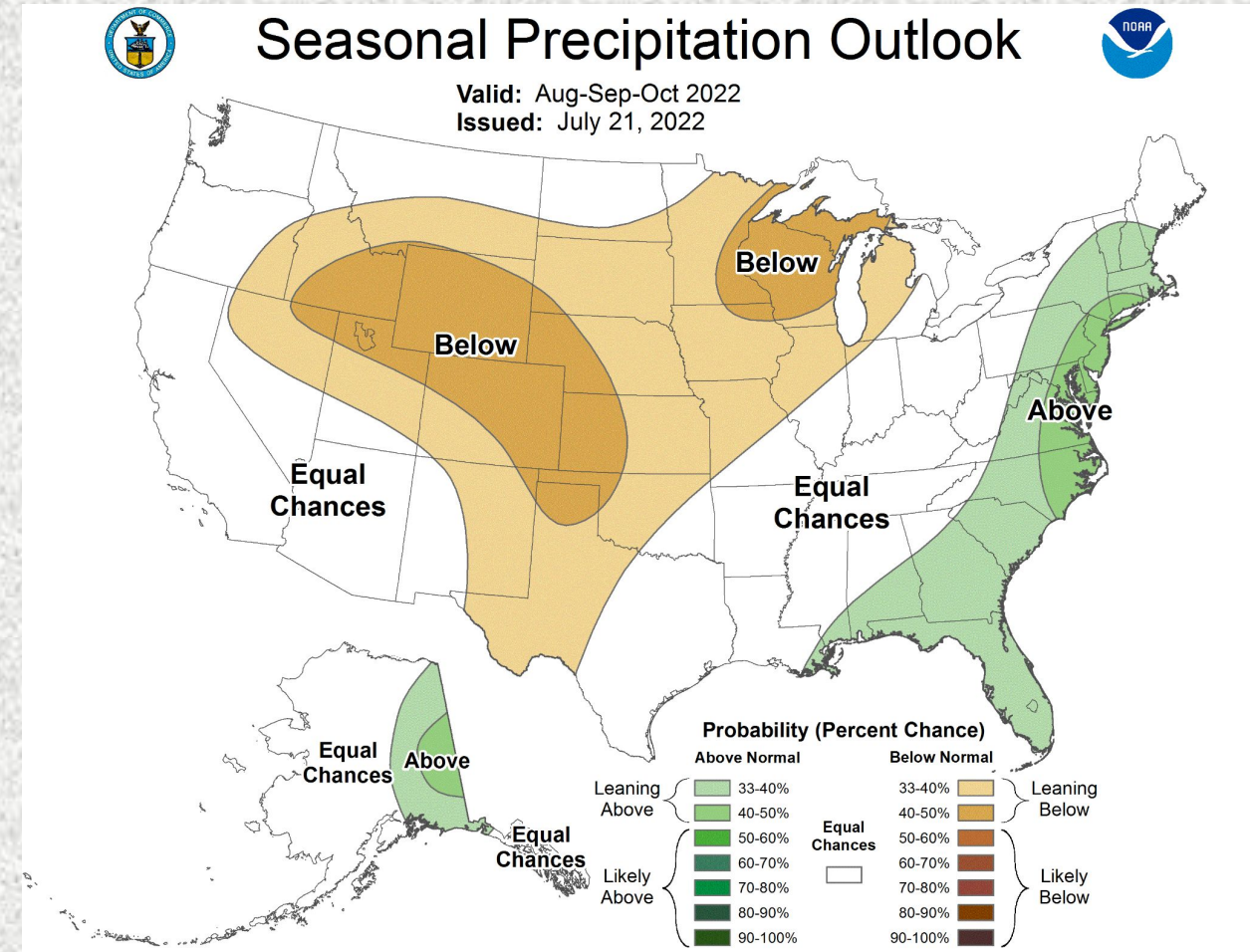
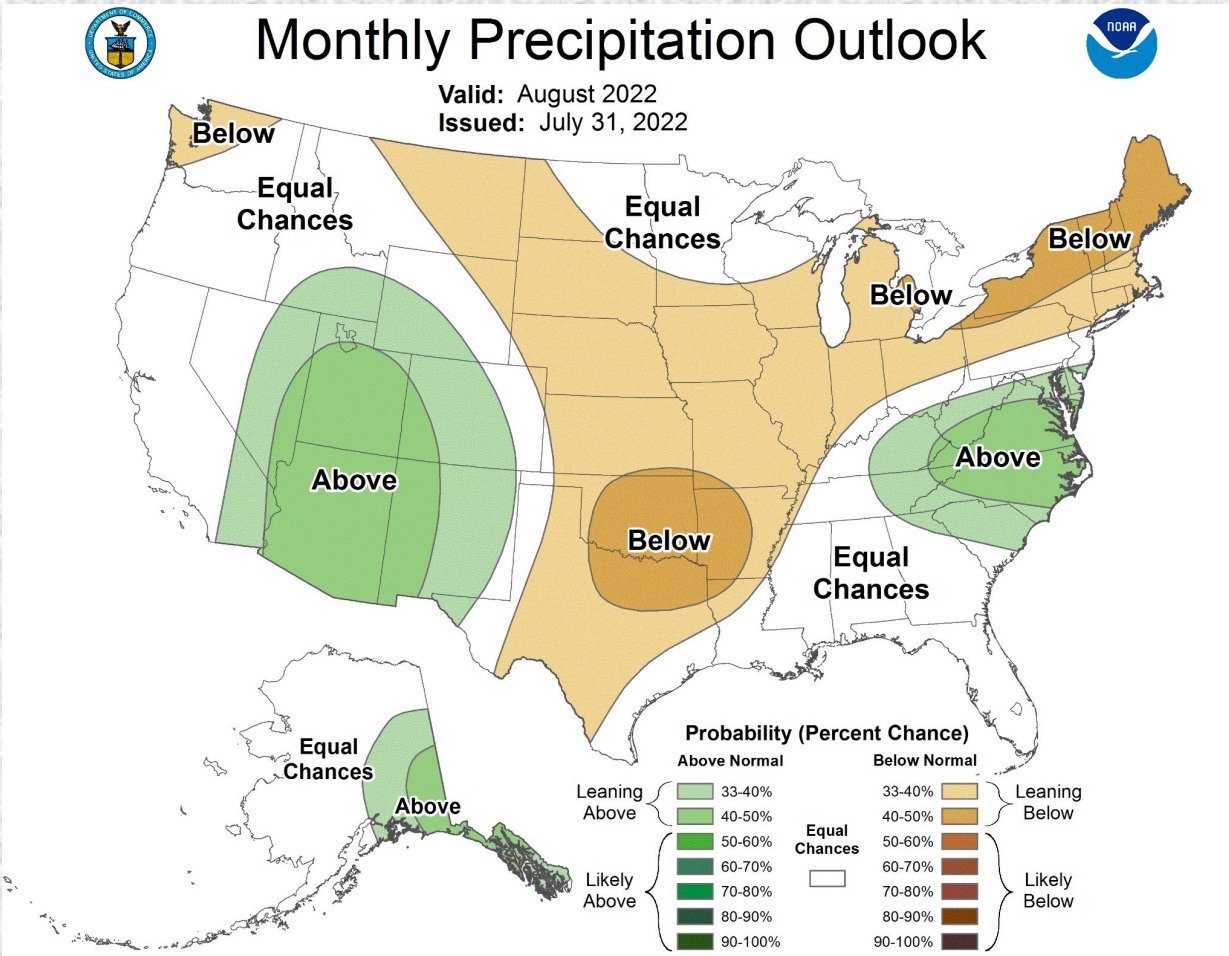
Soil Moisture



Soil Moisture Anomaly



Precipitation Outlooks



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	6 (ETN: 018-023)
Probabilistic Hydrologic Outlook	6