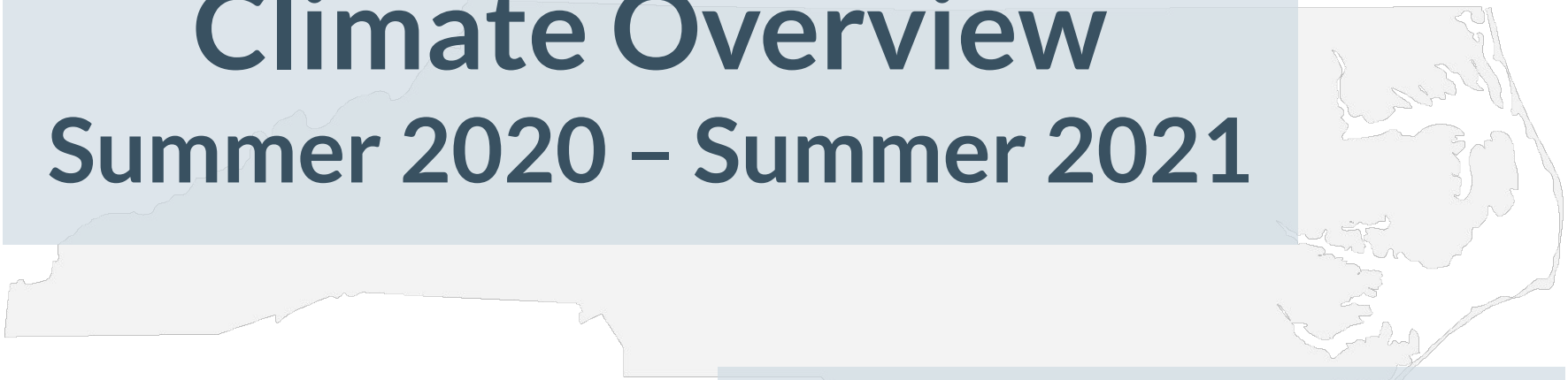
NC STATE UNIVERSITY

Climate Overview
Summer 2020 – Summer 2021



Corey Davis

Assistant State Climatologist

State Climate Office

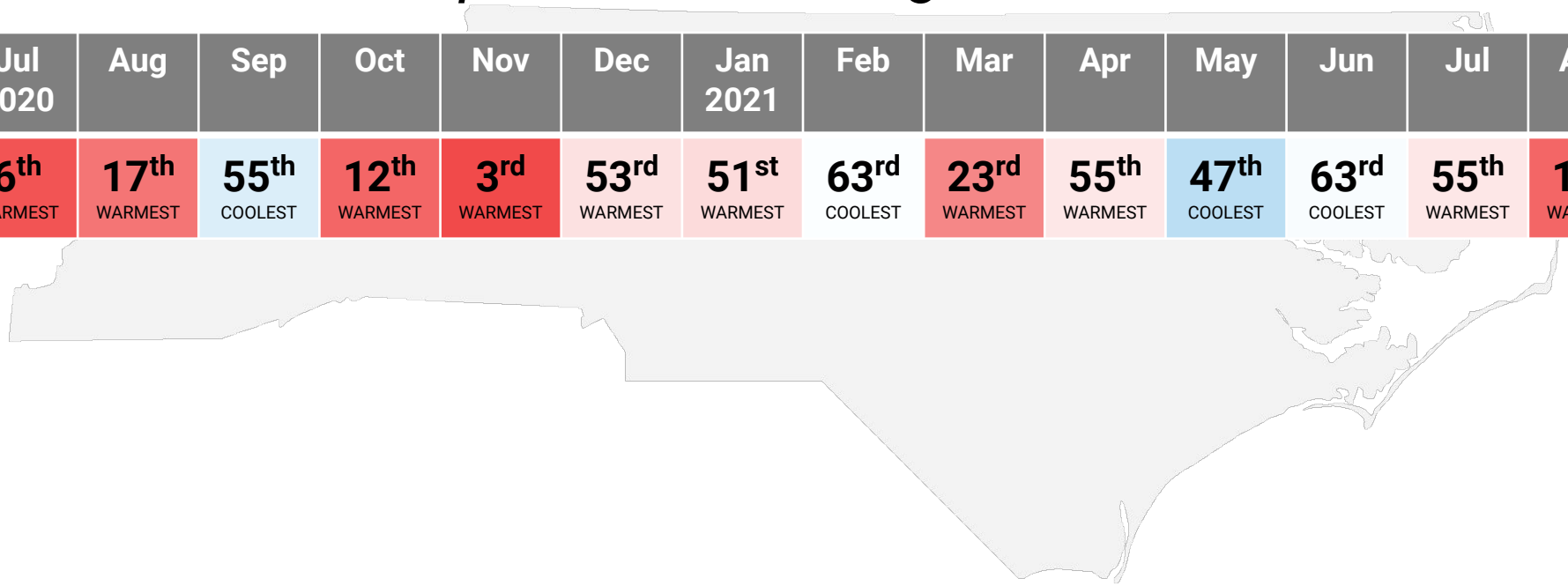
NORTH CAROLINA CLIMATEOFFICE

Photo by Interlink

The Past Year By the Numbers

Statewide Temperature Rankings (Based on data since 1895)

Jul 2020	Aug	Sep	Oct	Nov	Dec	Jan 2021	Feb	Mar	Apr	May	Jun	Jul	Aug
6th WARMEST	17th WARMEST	55th COOLEST	12th WARMEST	3rd WARMEST	53rd WARMEST	51st WARMEST	63rd COOLEST	23rd WARMEST	55th WARMEST	47th COOLEST	63rd COOLEST	55th WARMEST	12th WARMEST



The Past Year By the Numbers

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Statewide Precipitation Rankings (Based on data since 1895)

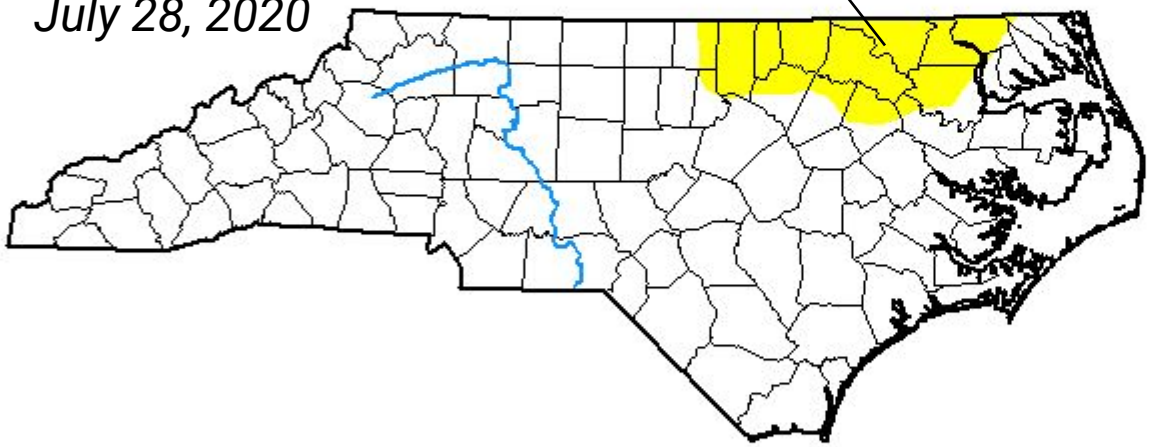
Jul 2020	Aug	Sep	Oct	Nov	Dec	Jan 2021	Feb	Mar	Apr	May	Jun	Jul	Aug
27th DRIEST	13th WETTEST	15th WETTEST	36th WETTEST	10th WETTEST	32nd WETTEST	31st WETTEST	6th WETTEST	62nd WETTEST	13th DRIEST	15th DRIEST	18th WETTEST	56th WETTEST	38th DRIEST

Summer 2020 (JJA)

15th	34th
WARMEST	WETTEST

US Drought Monitor
July 28, 2020

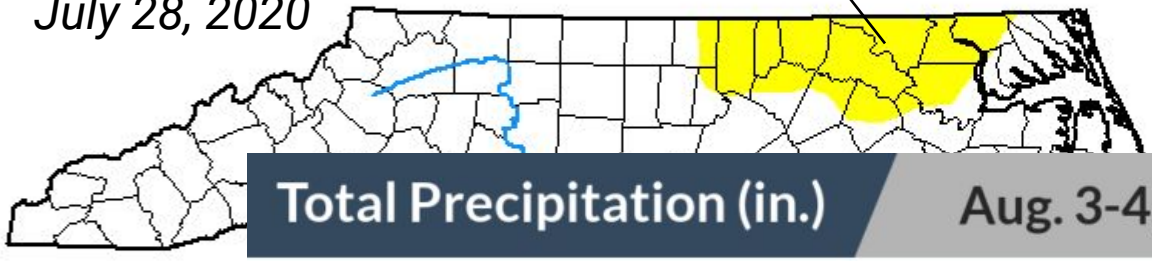
Jackson: 0.59” in July



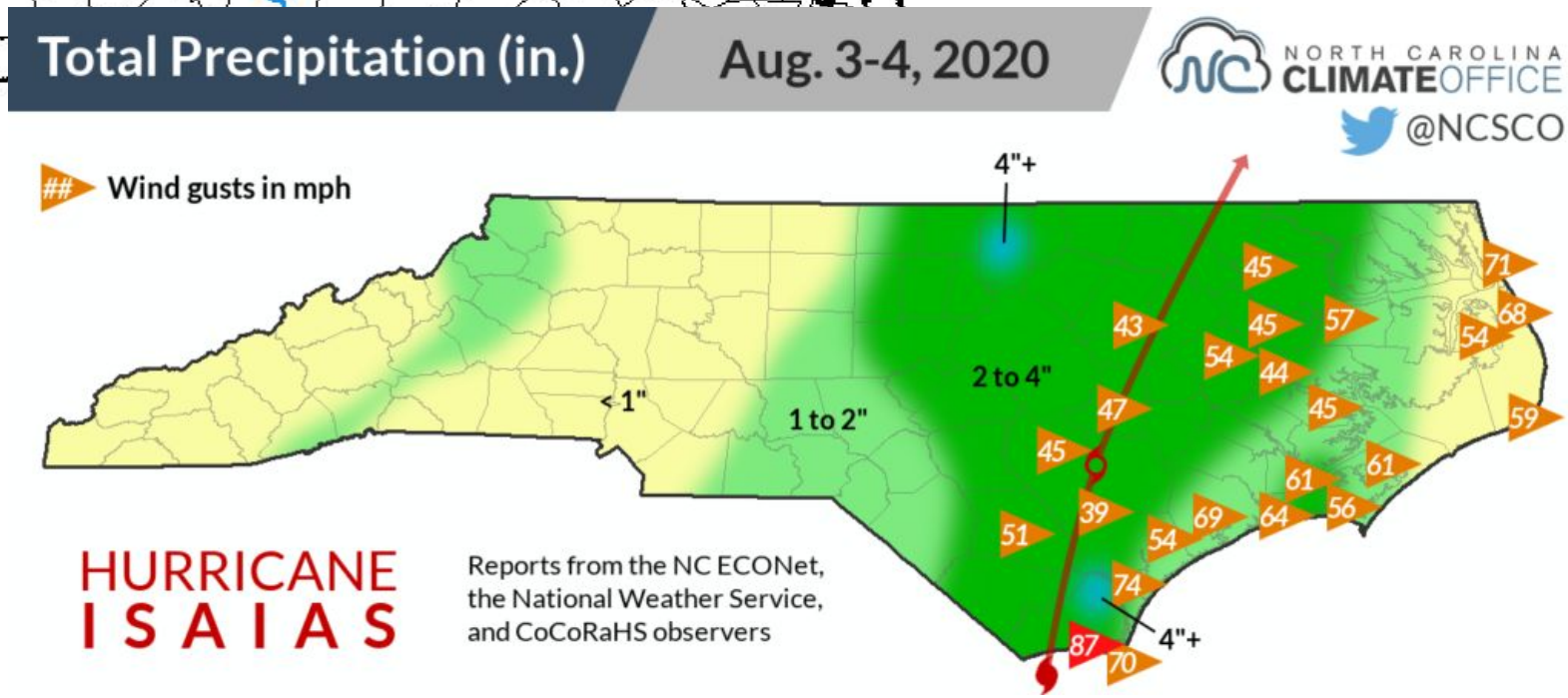
Summer 2020 (JJA)

15th WARMEST	34th WETTEST

US Drought Monitor
July 28, 2020

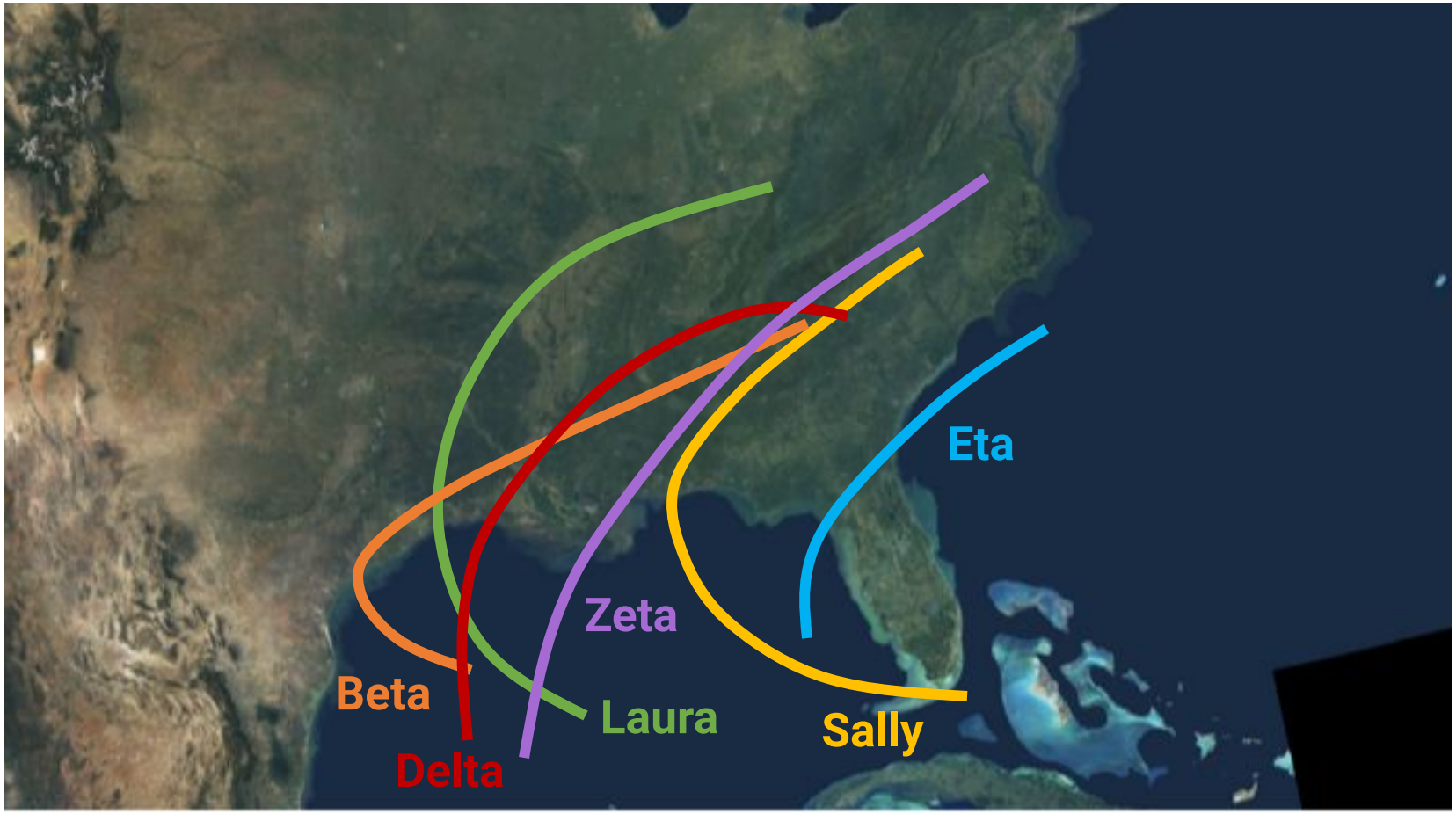


Jackson: 0.59” in July



Fall 2020 (SON)

8th	9th
WARMEST	WETTEST



November 11-12 Flooding

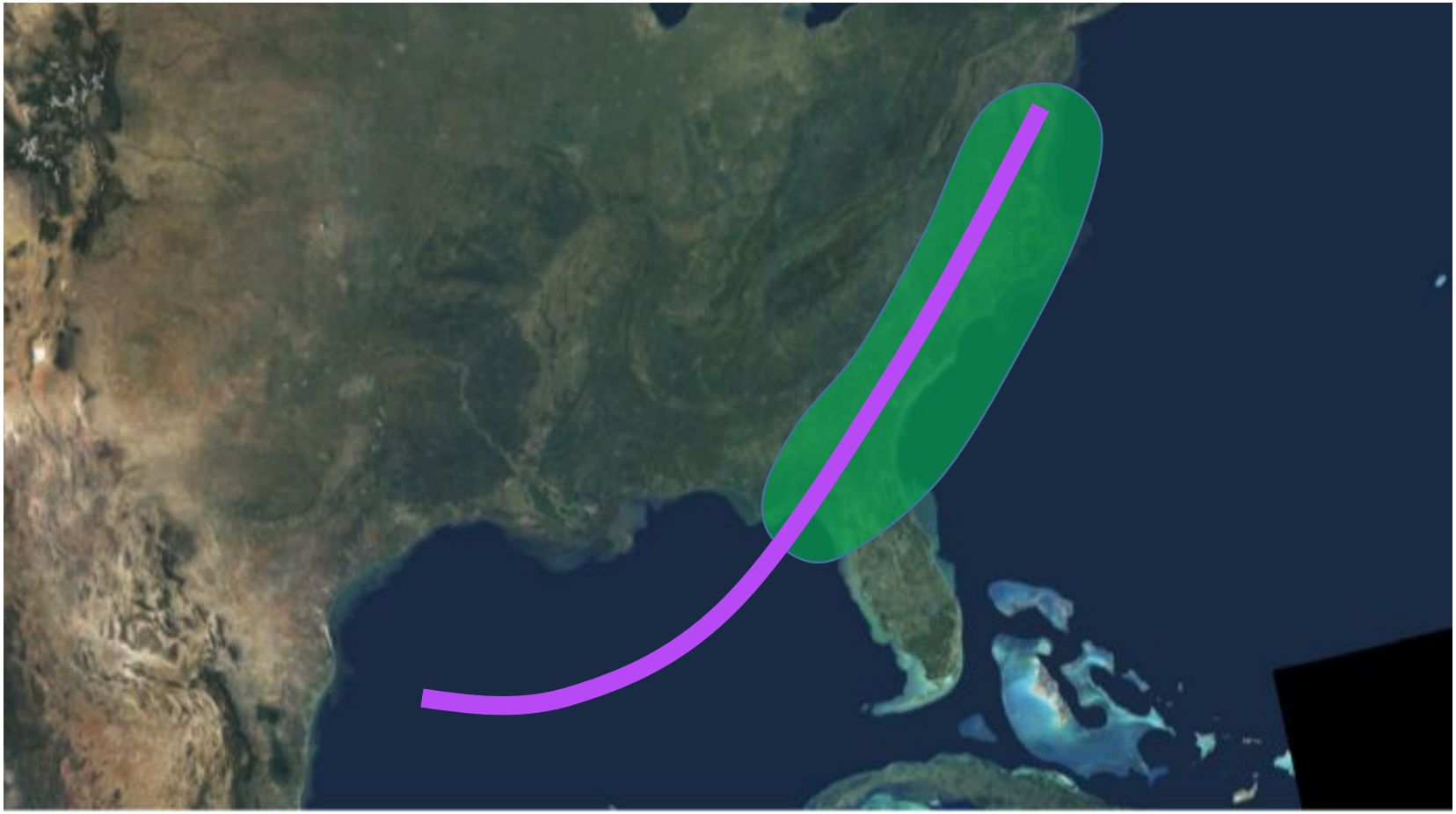
Iredell County, from the Iredell Firewire

Rocky Mount, from WRAL

Winter 2020-21 (DJF)

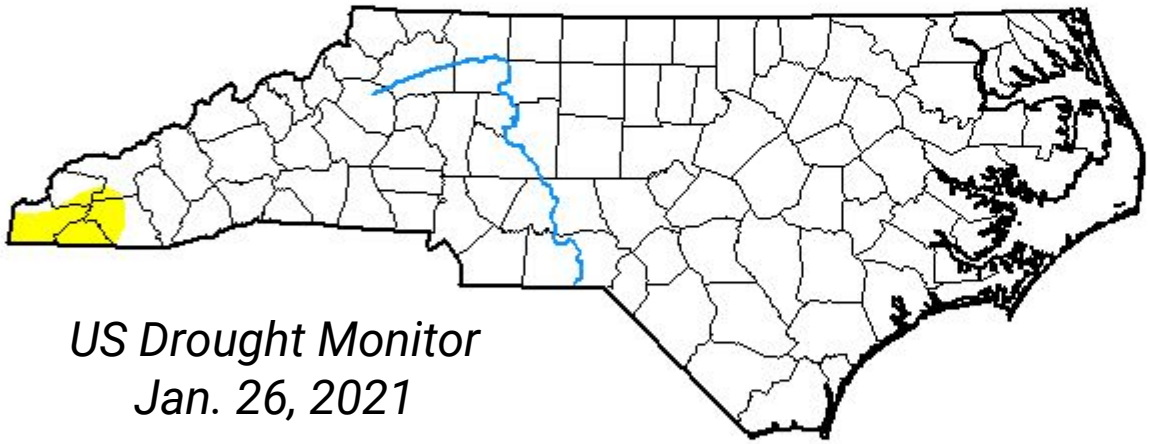
56th WARMEST

12th WETTEST



Winter 2020-21 (DJF)

56th	12th
WARMEST	WETTEST



US Drought Monitor
Jan. 26, 2021

NC STATE UNIVERSITY

Winter 2020-21 (DJF)

56th WARMEST	12th WETTEST

Total Snowfall

Nov. 2020 to Mar. 2021

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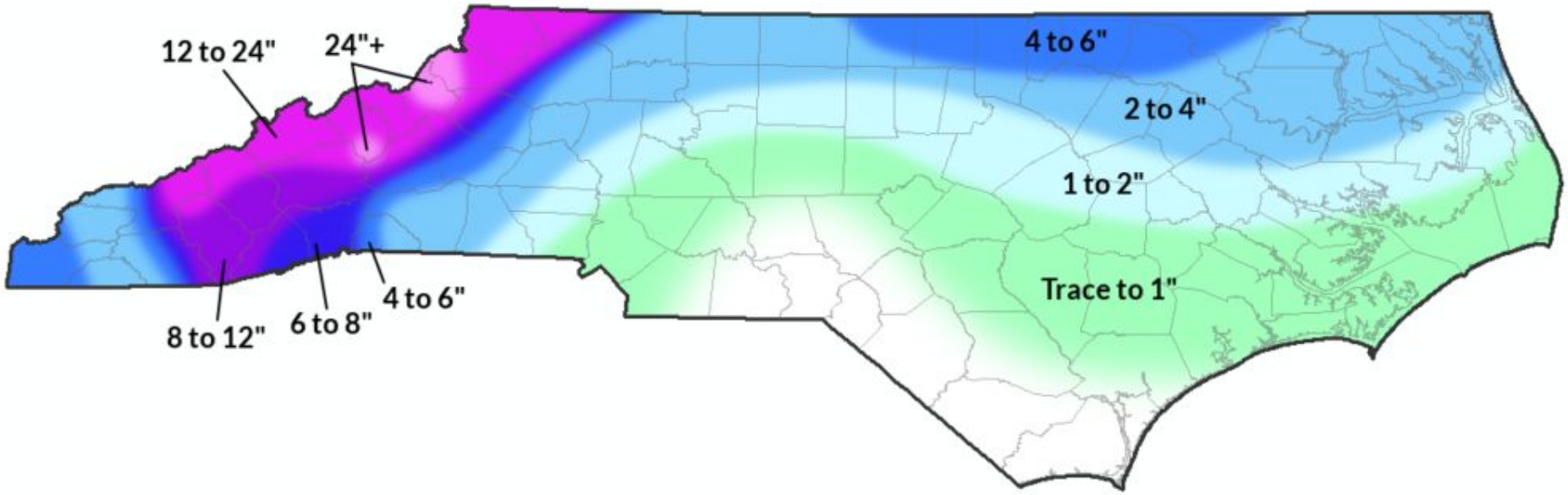
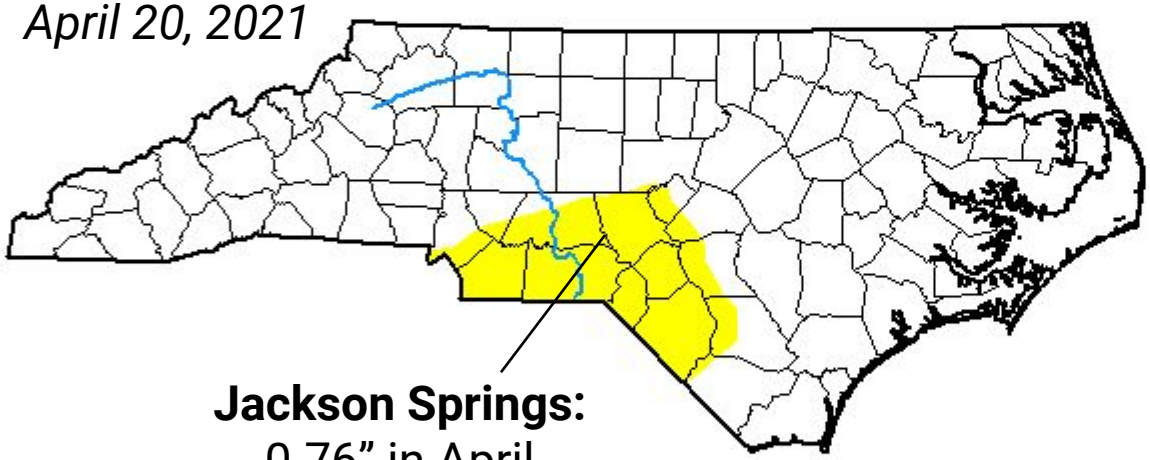
@NCSCO



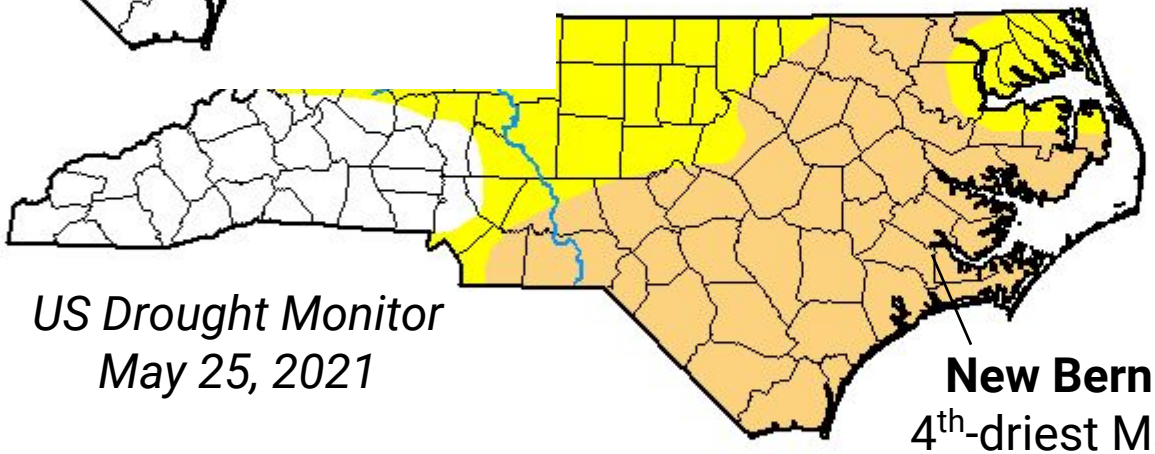
Spring 2021 (MAM)

32nd WARMEST	12th DRIEST

US Drought Monitor
April 20, 2021

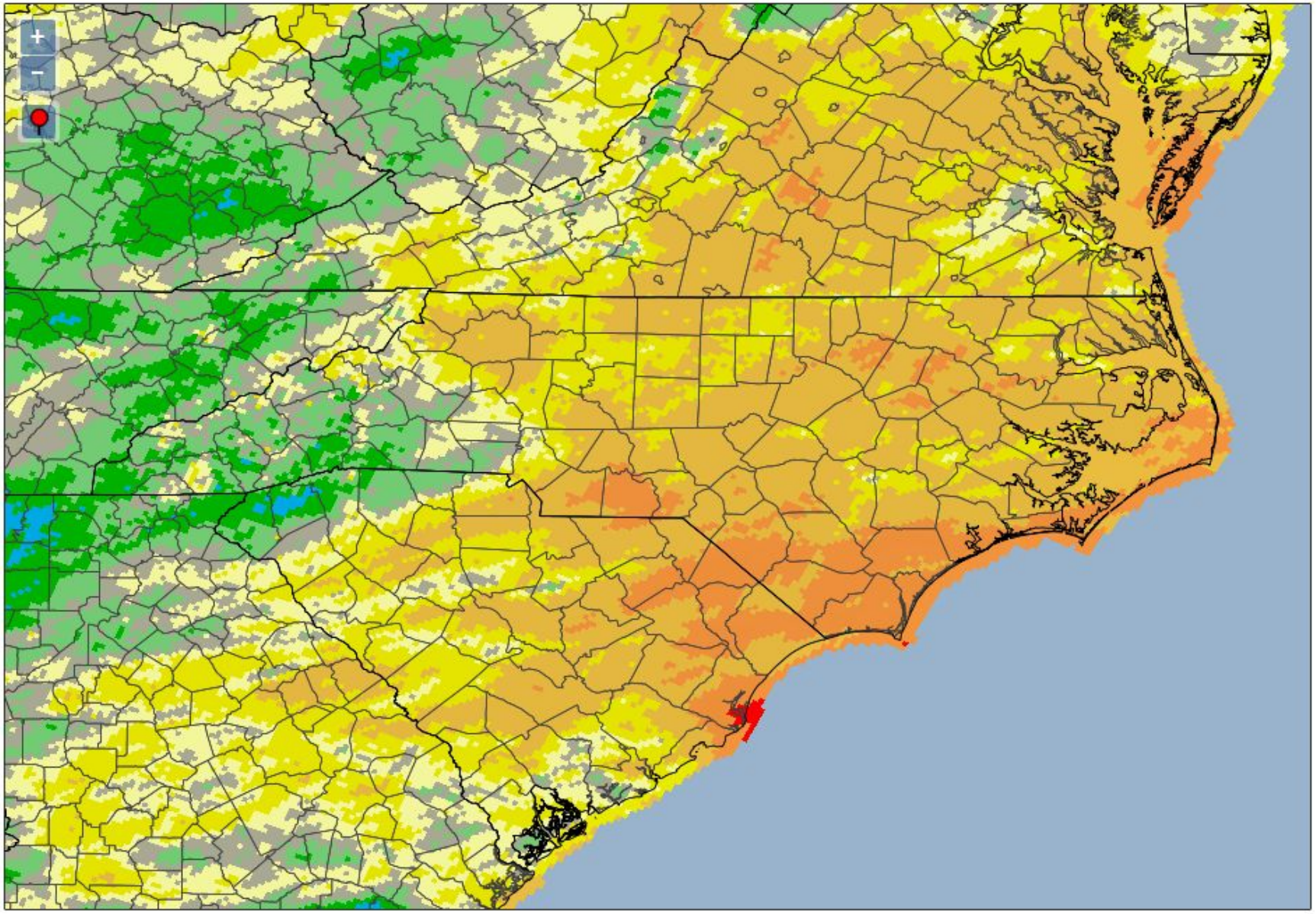


Jackson Springs:
0.76” in April



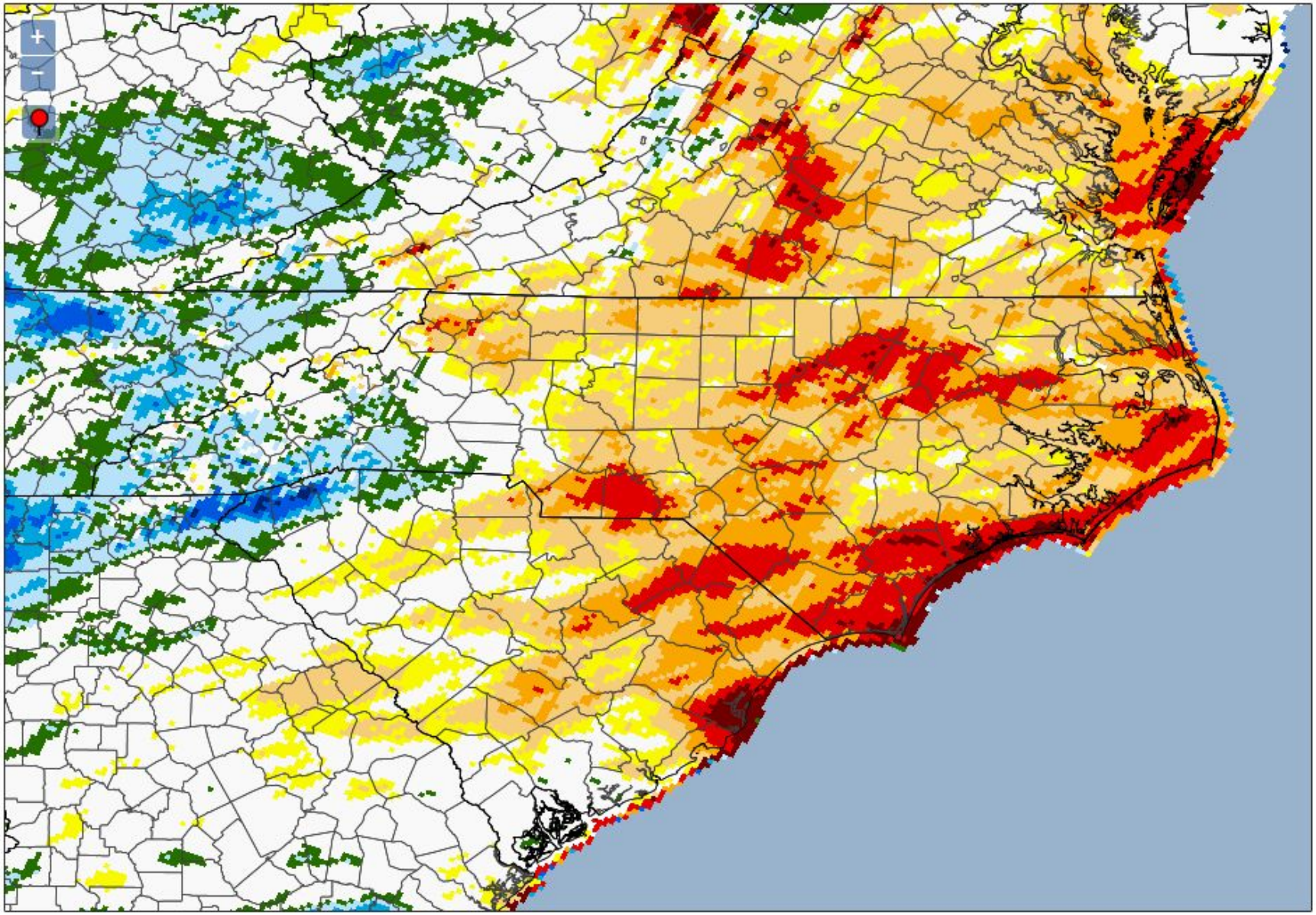
US Drought Monitor
May 25, 2021

New Bern:
4th-driest May

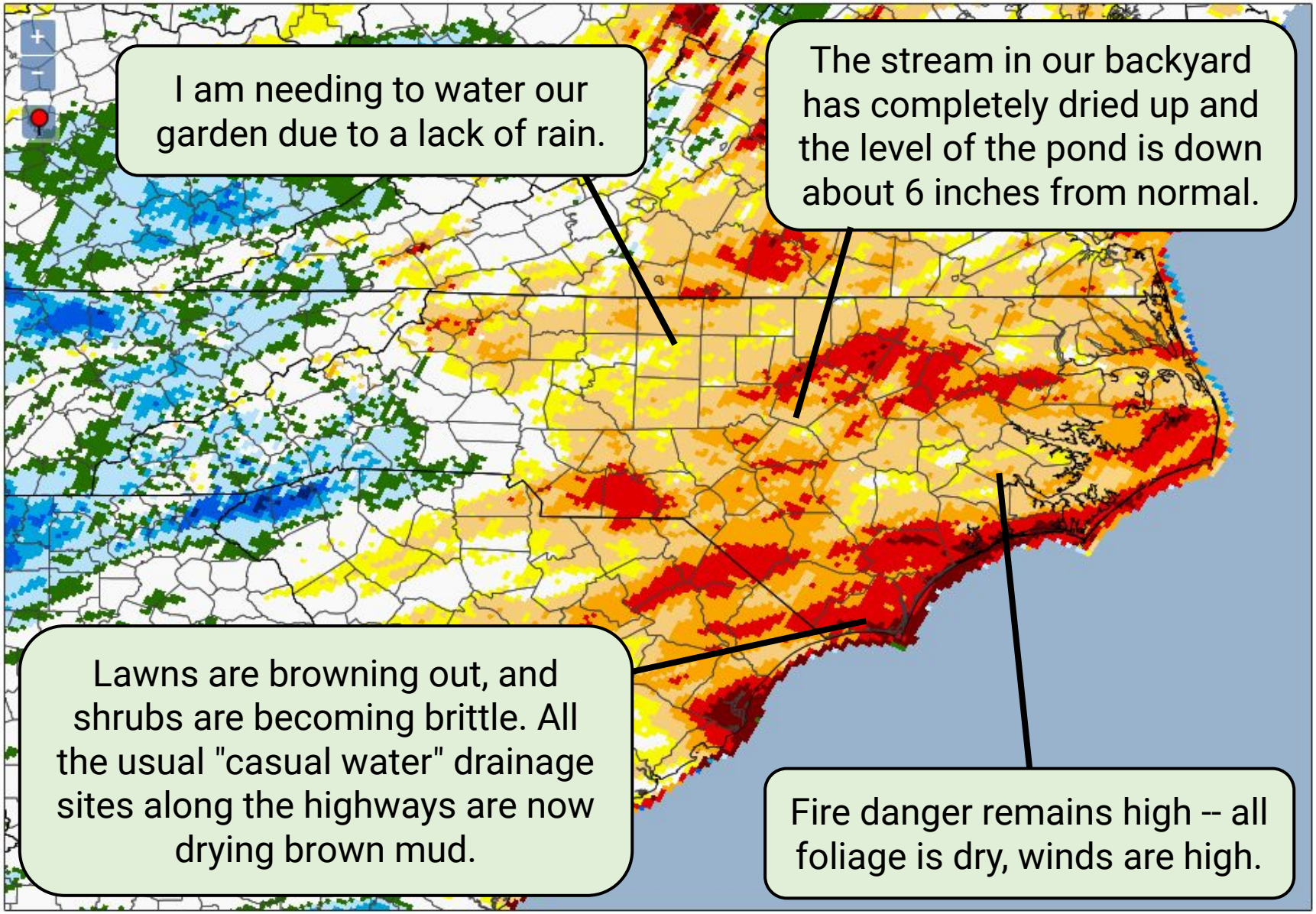


Percent of Normal Precipitation
for the 90 days ending May 25, 2021

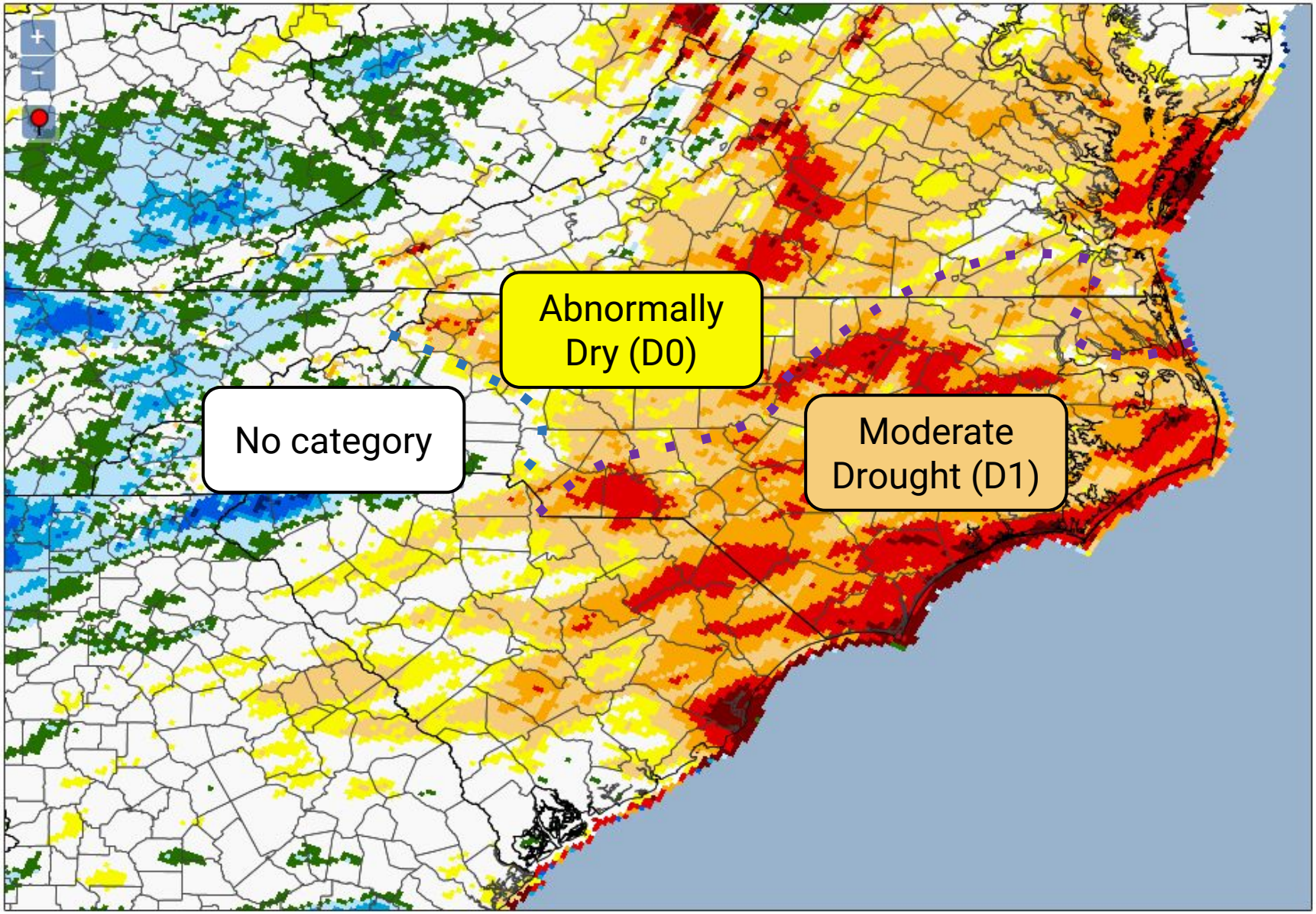
≥0 5 10 25 50 75 90 100 110 125 150 200 300 400 600



Standardized Precipitation Evapotranspiration Index
for the 90 days ending May 25, 2021



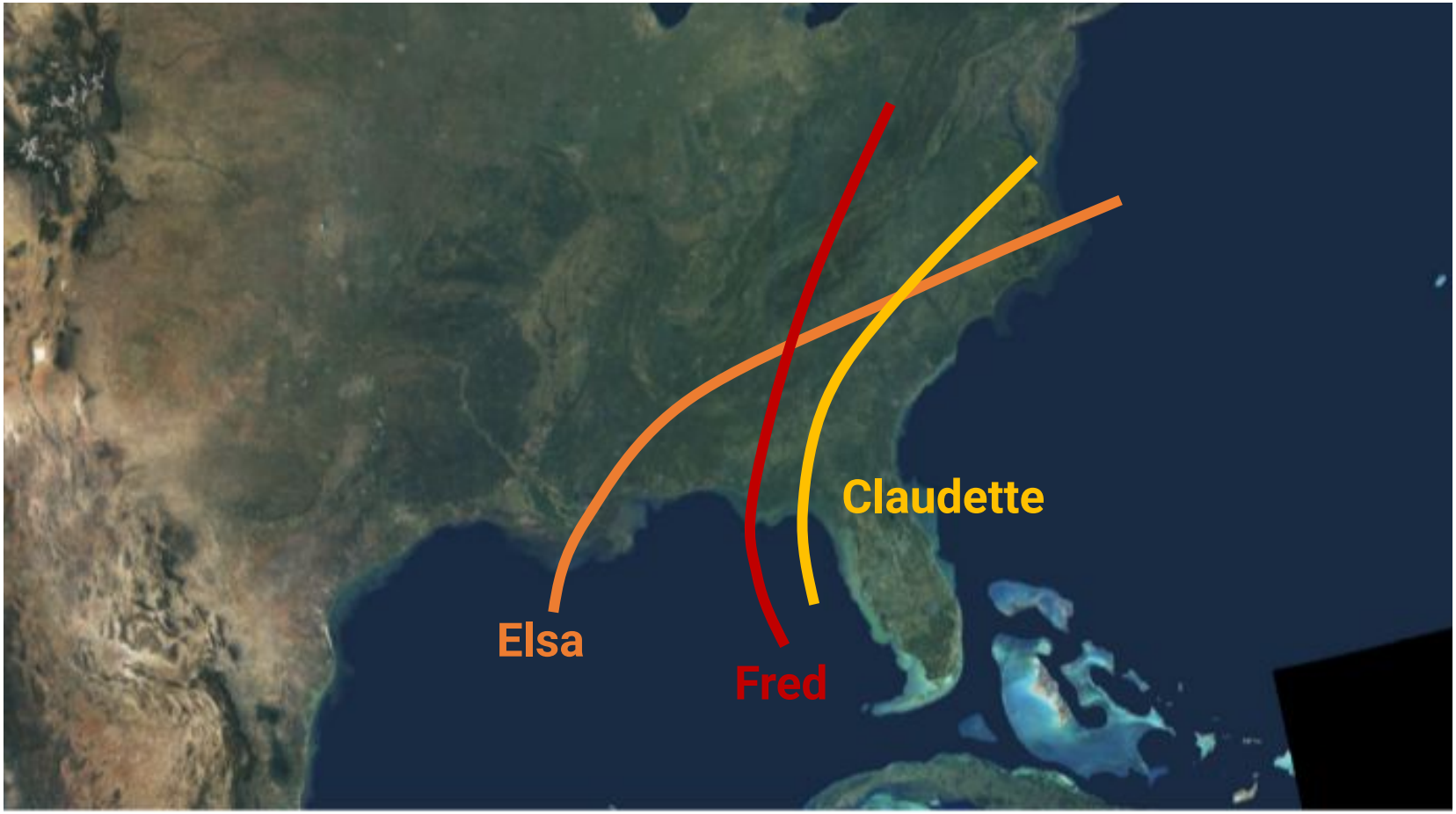
CoCoRaHS Condition Monitoring Reports
from May 18 to 24, 2021



Drought status recommendations for May 25, 2021

Summer 2021 (JJA)

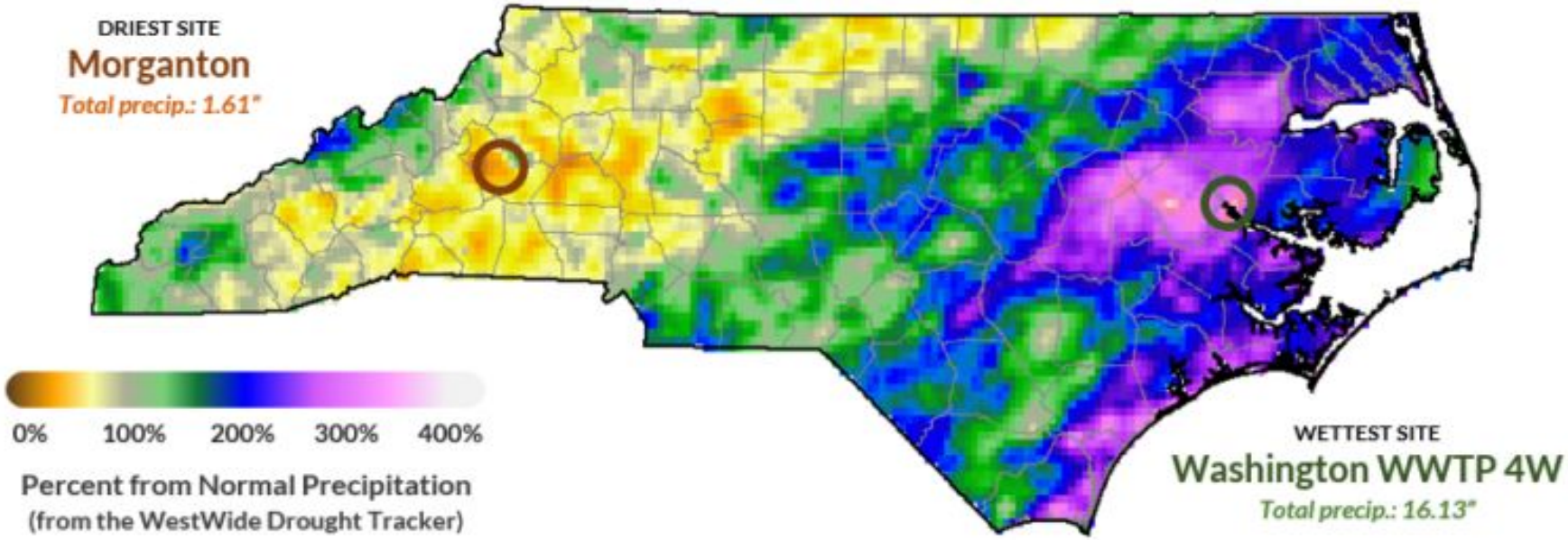
34th WARMEST	23rd WETTEST

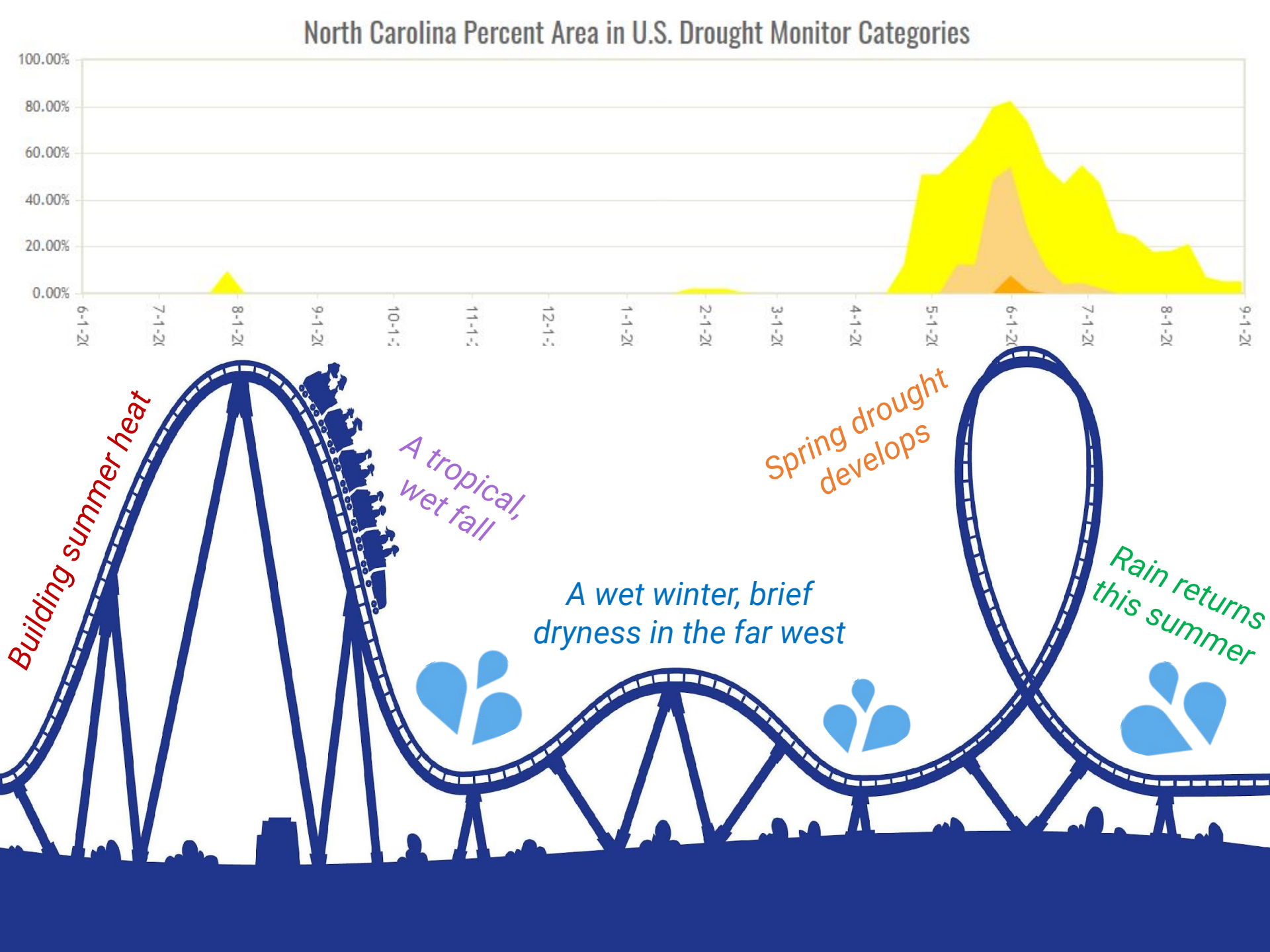


Summer 2021 (JJA)

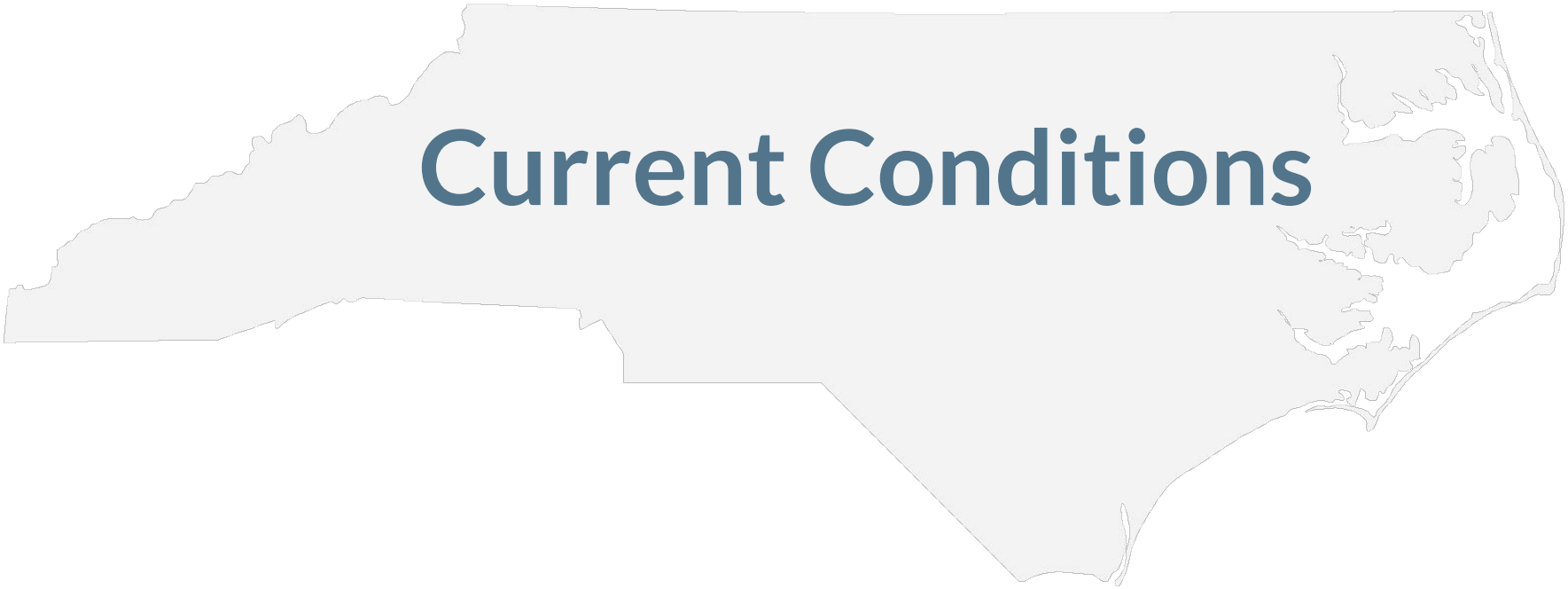
34th WARMEST	23rd WETTEST

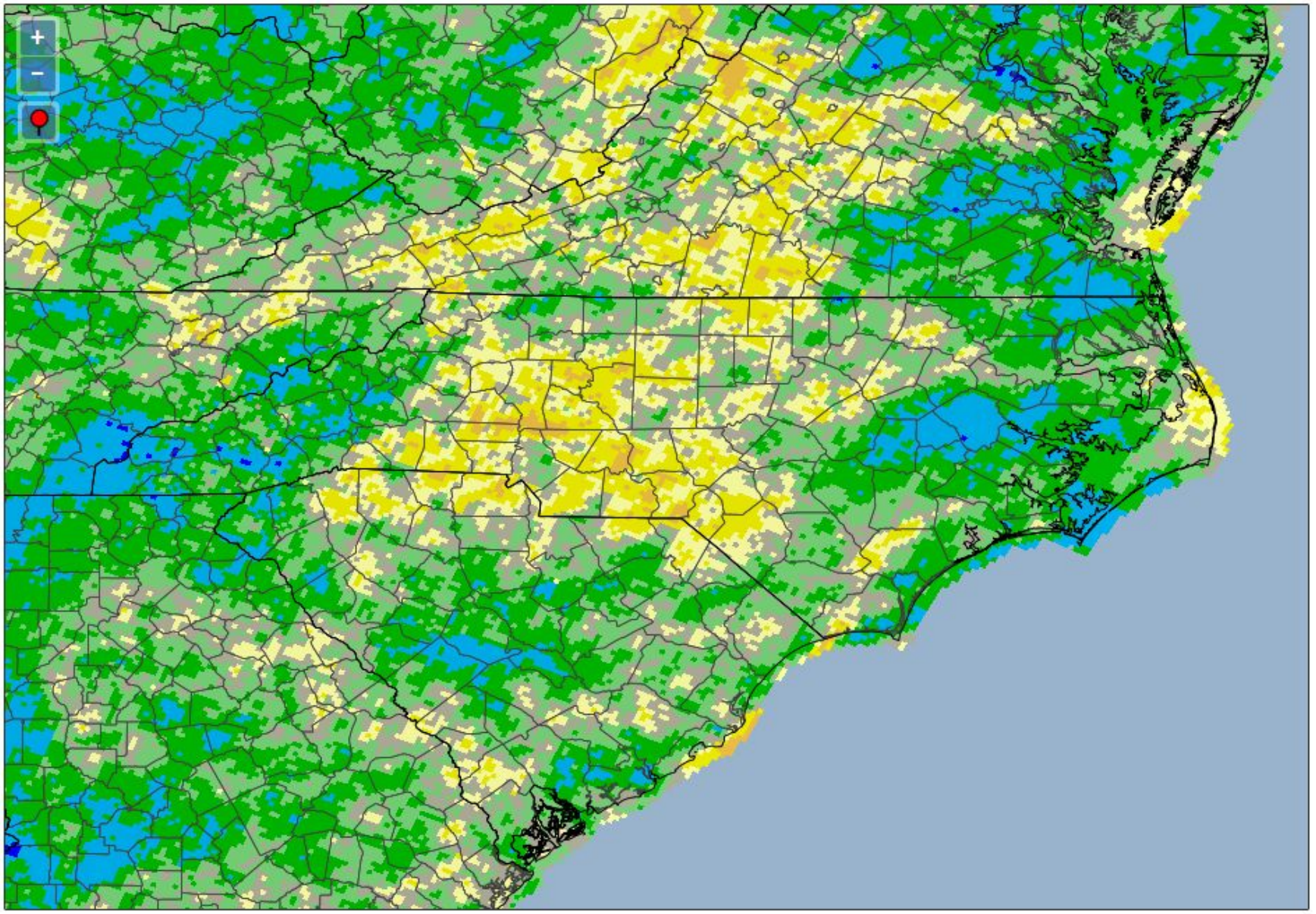
June precipitation summary




North Carolina Percent Area in U.S. Drought Monitor Categories
100.00%
80.00%
60.00%
40.00%
20.00%
0.00%
6-1-2(
7-1-2(
8-1-2(
9-1-2(
10-1-2(
11-1-2(
12-1-2(
1-1-2(
2-1-2(
3-1-2(
4-1-2(
5-1-2(
6-1-2(
7-1-2(
8-1-2(
9-1-2(
Building summer heat
A tropical, wet fall
A wet winter, brief dryness in the far west
Spring drought develops
Rain returns this summer

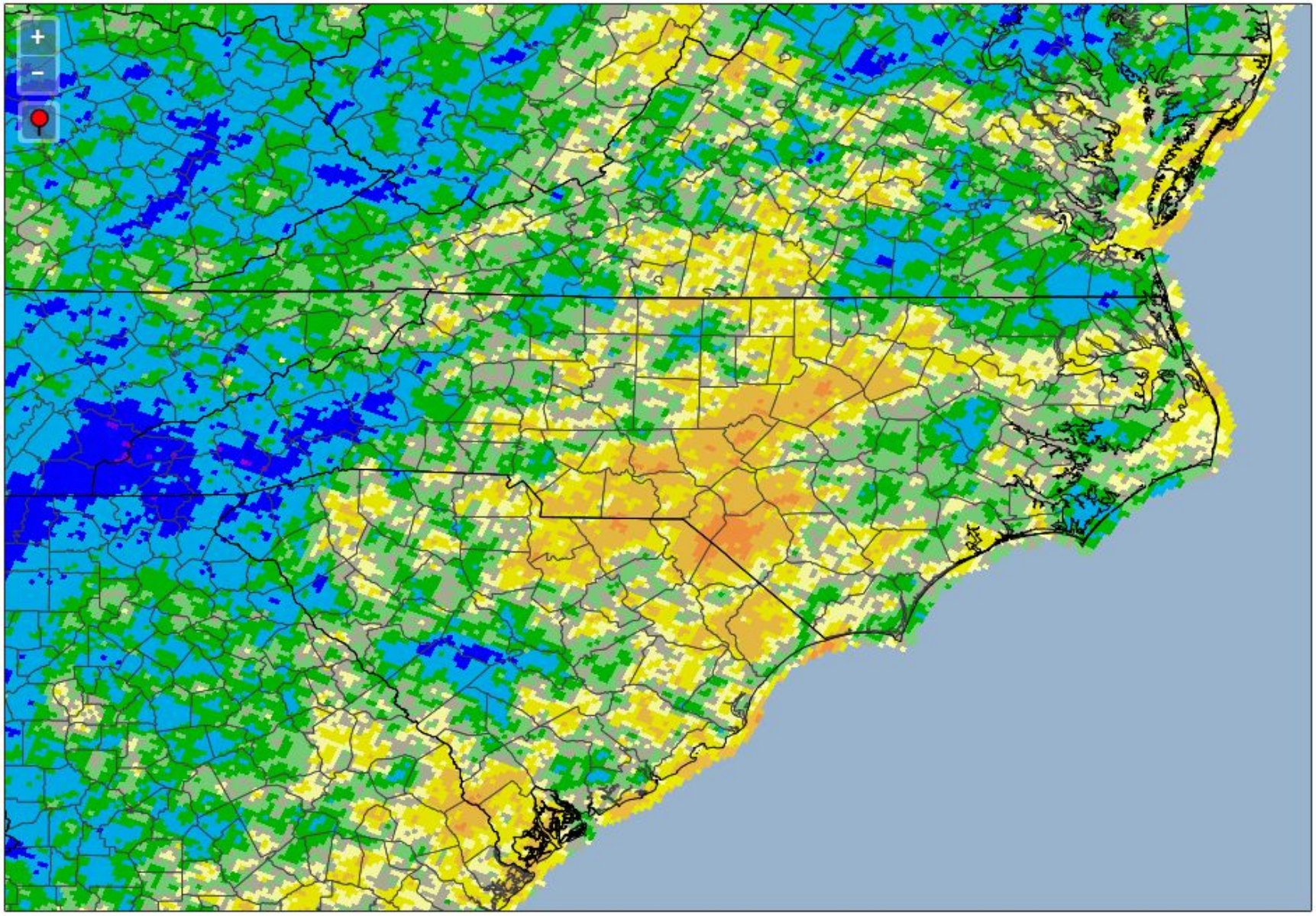
Current Conditions





Percent of Normal Precipitation
for the 120 days ending Sep. 7, 2021

≥0 5 10 25 50 75 90 100 110 125 150 200 300 400 600



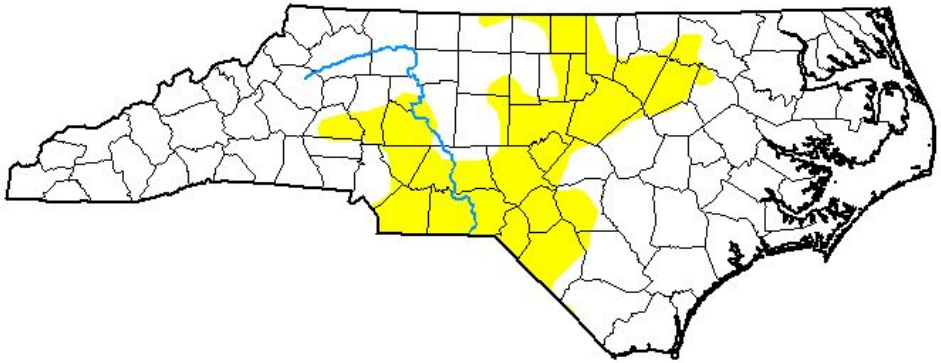
Percent of Normal Precipitation
for the 60 days ending Sep. 7, 2021

≥0 5 10 25 50 75 90 100 110 125 150 200 300 400 600

Current Drought Status

U.S. Drought Monitor

North Carolina



September 7, 2021

(Released Thursday, Sep. 9, 2021)

Valid 8 a.m. EDT

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

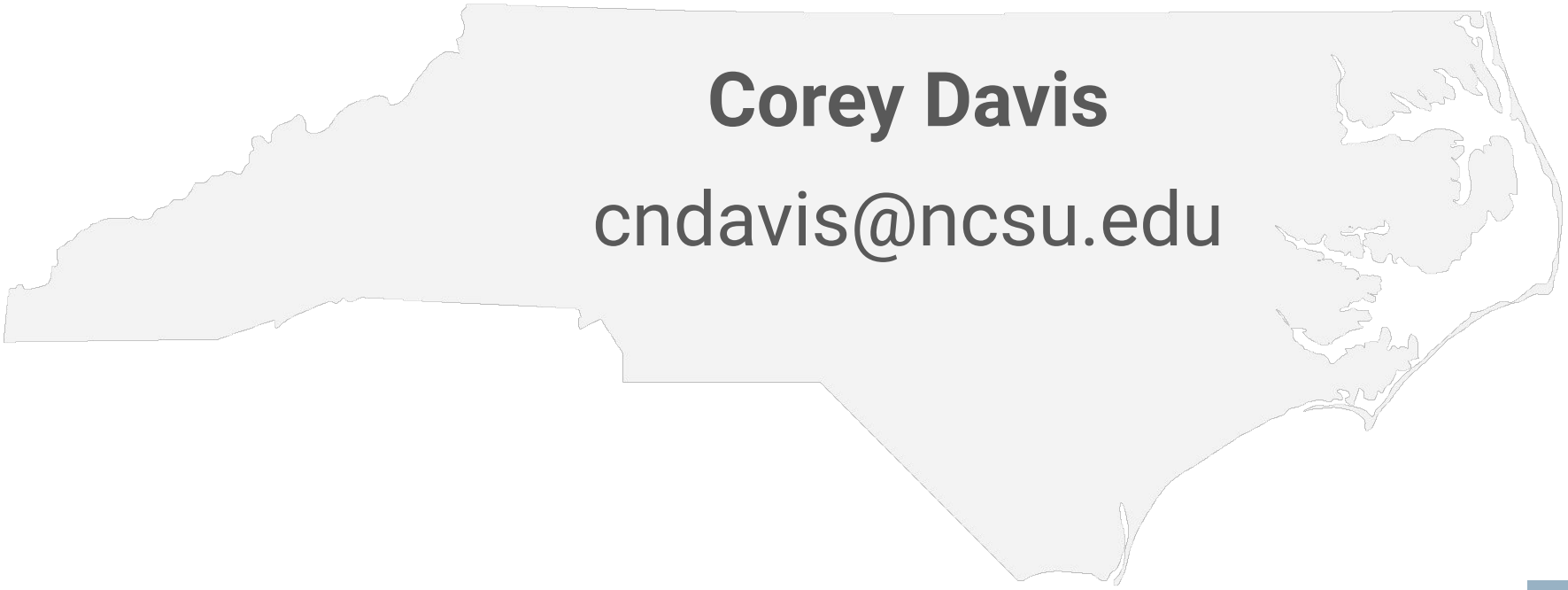
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

Author:

David Simeral
Western Regional Climate Center

droughtmonitor.unl.edu

Questions?



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cndavis@ncsu.edu