

# C.M. Stripling Irrigation Research Park

Monthly Newsletter

June 2023



A different view of the park...

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College of Agricultural &  
Environmental Sciences  
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# From the Sr. Agriculture Specialist

## B. J. Washington

May has come and gone and June is over half way! Wow! The year is flying by. A little late this month, we've been a bit busy. To date, with the exception of ultra-late soybeans, all crops at SIRP have been planted with well-established stands. The SIRP staff was very busy through the month of May with planting cotton, peanut, and soybean research plots. Of course, with planting also comes applications of pre-emerge herbicides. We also applied side-dress nitrogen to our corn areas. We received 3.90 inches of rainfall in May over 9 events. However, with corn at a critical period prior to or at tassel, irrigation on this particular crop has been intense. A lesson that we try to educate producers on that has been proven here at SIRP through many years of research, timing of rainfall and/or irrigation events is critical to maximizing yield.

Researcher's Dr. Porter and Dr. Vellidis have installed all soil moisture sensors in their respective cotton and peanut trials. Dr. Snider has also applied nitrogen to his cotton trials. We also assisted Dr. Kemerait with the first backpack spraying application of fungicides on his corn trials.

There were a couple of tours here at the park in May. On May 11<sup>th</sup> we were visited by the Metro North Georgia Water Planning District governing board, and on May 30<sup>th</sup> we were visited by the UGA students from the Odum School of Ecology. It is always a pleasure to be able to share with groups about the importance of the work done here at SIRP and the importance of efficient agricultural water use.

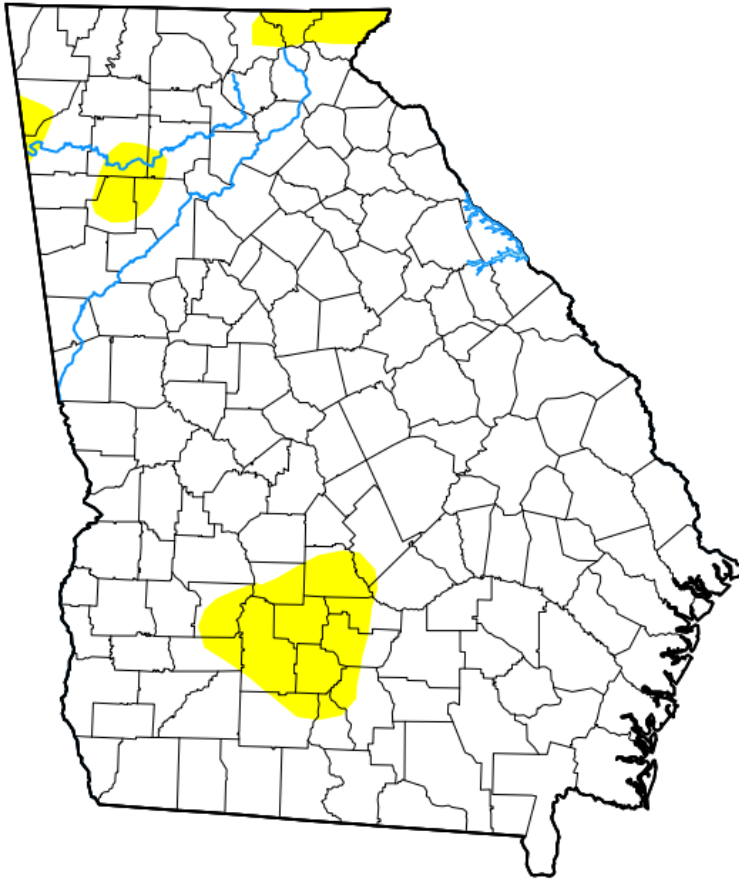
As always, thanks for your support of SIRP and UGA!



# Drought Conditions

## U.S. Drought Monitor Georgia

**June 6, 2023**  
(Released Thursday, Jun. 8, 2023)  
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	93.05	6.95	0.00	0.00	0.00	0.00
<b>Last Week</b> <i>05-30-2023</i>	95.36	4.64	0.00	0.00	0.00	0.00
<b>3 Months Ago</b> <i>03-07-2023</i>	74.99	25.01	4.43	0.00	0.00	0.00
<b>Start of Calendar Year</b> <i>01-03-2023</i>	46.36	53.64	28.04	4.81	0.00	0.00
<b>Start of Water Year</b> <i>09-27-2022</i>	76.20	23.80	0.00	0.00	0.00	0.00
<b>One Year Ago</b> <i>06-07-2022</i>	67.28	32.72	11.60	3.31	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:**

Lindsay Johnson  
National Drought Mitigation Center



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

Drought Monitor map for Georgia as of June 6, 2023. Dry conditions exist across the lower part of the state. Currently, 6.95% of GA is abnormally dry, 0% is in moderate drought and 0% is under severe drought conditions. For more info:

<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?GA>



# Events

## Past events

<b>May 9</b>	FRSWCD mtg.
<b>May 18 - 19</b>	Integrative Precision Ag Conference (Athens)
<b>May 29</b>	Memorial Day
<b>June 6 - 7</b>	4H2O Camp
<b>May 9</b>	FRSWCD mtg.

## Upcoming events

<b>June 15</b>	Lower Flint - Ochlocknee Regional Water Council
<b>June 19</b>	Juneteenth
<b>July 4</b>	Independence Day
<b>July 11</b>	FRSWCD mtg.
<b>July 13</b>	IGEL
<b>August 3</b>	SIRP's Field Day



# In The News

[UGA Awarded \\$4 Million To Design Farm of the Future](#)

[Supreme Court Rules Against EPA in WOTUS Case](#)

[Failed antibiotic now a game changing weed killer for farmers](#)

['Wetter & Cooler' Conditions Expected in Southeast this Fall](#)

[What is integrative precision agriculture?](#)

[Study: Corn takes up most of its N naturally](#)

[Sunbelt Ag Expo Field Day set for July 20](#)

[Rainy Conditions: Young Cotton Plants Not Vulnerable to Disease Pressure Yet](#)

[6 To-Dos Before You Park Your Planter](#)

[Dear farmer: A letter from the combine](#)

## ***Videos / Podcasts:***

[Josh Allen, Buffalo Bills QB, Kicks off Star-Studded Line Up on Like a Farmer Video Series](#)

[Georgia Sweet Corn Harvest in Full Swing](#)





# At the Park

Right:  
Peanuts cracking  
thru in the Newton  
lateral.

Below:  
Applying nutrients  
to Dr. Sintim's corn  
in the Access field.





# At the Park

Right:  
Soybeans coming  
up in the Front  
Four - N field.

Below:  
Simer Virk crew  
stand counts for  
cotton in the VRI  
field.





# At the Park

Dr. Porter's crew  
installing soil  
moisture sensors.





# At the Park

Right:  
Cotton emerging in  
the Camilla lateral  
field.

Below:  
Layby herbicide  
application for Dr.  
Kemerait's corn in  
the VRI field.



# Trivia/Puns/Riddles

Which vegetable has more chromosomes than humans? Potatoes

The defense cells in the body are known as? White blood cells

How long can a snail sleep? Three years

There's an amphibian that never sleeps, what is it? The bullfrog

How many phases does the moon have? 8

How many time zones are there in Russia? 11

What is your body's largest organ? Skin

How many times was Elizabeth Taylor married? 8 times

Which of the following was invented first: televisions, radios, or hair dryers?  
Hair dryers, 1888

Which of these animals has the most legs: bee, octopus, or crab? Crab (Bees-6, octopi-8, crab-10)

Which of the following does a sommelier specialize in: cheese, pasta, or wine?  
Wine

Which mythology is Pandora's box from: Egyptian, Roman, or Greek? Greek

Which age was King Tut when he became the ruler of Egypt: 9, 11, or 13? 9

The Nazca lines are a collection of geoglyphs in what country? Peru

How long was fourscore and seven years ago: 47 years, 87 years, or 107 years? 87  
(A "score" is 20 years.)

What is a googol? A one written with 100 zeros behind it!



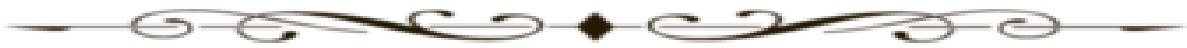


# SIRP Weather

Maximum Temperature, Minimum Temperature



— Maximum Air Temperature — Minimum Air Temperature — Freezing Line



Daily Cumulative Rainfall



For May, SIRP had 3.90 inches of rainfall, compared to 4.69 inches in April, 3.66 inches in March, and 2.88 inches in February.

To explore weather information, visit [www.georgiaweather.net](http://www.georgiaweather.net).



# Contact Information



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### Trivia / Riddle:

Sodium Hydrogen Bicarbonate is a scientific name of which common thing?

Answer: Baking Soda

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