

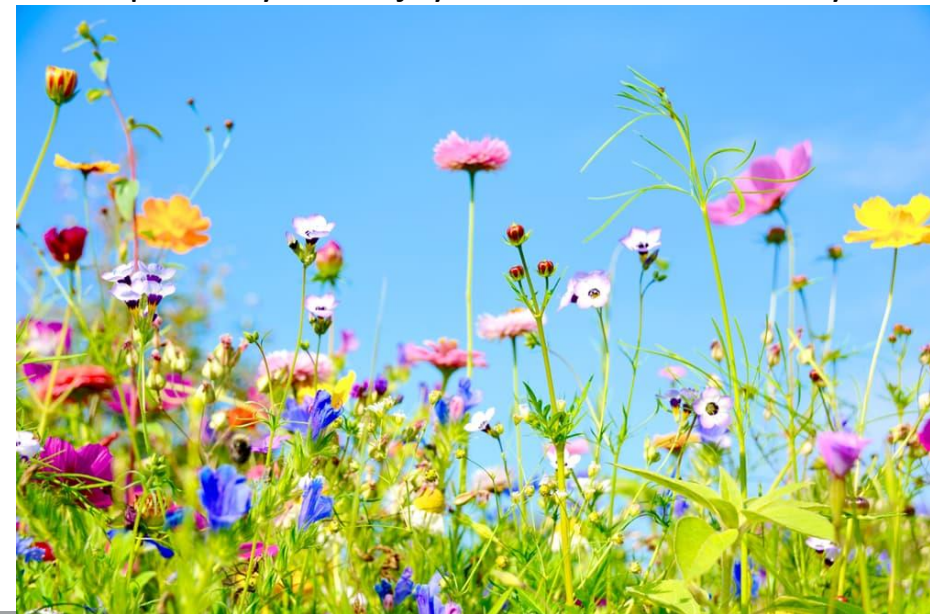
# C.M. Stripling Irrigation Research Park

Monthly Newsletter

May 2022



Hope everyone enjoyed a nice Mother's Day!



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College of Agricultural &  
Environmental Sciences  
UNIVERSITY OF GEORGIA

# From the Superintendent

## Calvin Perry

Well, the dry conditions continue here at Stripling Park. During April, the Park's weather station recorded only 3.11 inches of rain over 5 rainy days. Our high temps ranged from 87-62F and our low temps ranged from 65-39F. To further illustrate the dry conditions, since April 1 through today (May 14), we've only received 3.75 inches over 6 rainy days. And, since April 19<sup>th</sup> to today (a 26 day period), we've had only 1 rainy day (0.53 inch). It's dry! The US Drought Monitor map on the next page shows that SIRP is right on the edge of the "moderate drought" region of the state.

Despite the dry conditions, the staff at the Park were very busy in April. We terminated cover crop, laid off plots and alleys, applied pre-plant granular fertilizer, strip-tilled and planted corn and cotton studies, applied side-dress fertilizer and lay-by herbicide to corn studies, repaired center pivots and lateral systems, and irrigated corn plots.

Visitors to the Park included Dr. Bob Kemerait, Brian Hayes (Mitchell Co Extension), the Flint River Soil & Water Conservation District (monthly meeting), Scott Rogers (SWREC), Joseph Ford (LMC), Jaye Brown (Brown Irrigation & Electrical), Dr.

George Vellidis' crew (Matt and Anwar), Dr. Henry Sintim's crew (Solomon and Godfred), and Dr. John Snider.

We were pleased to host a group from the Georgia Environmental Protection Division with the goal of sharing some of the latest technologies and innovations that ag irrigators are using (or may be soon using) in Georgia. Presenters from UGA/CAES included Drs. Wes Porter and George Vellidis (Crop & Soil Sciences Dept), UGA Extension water educator David Hall, UGA Extension lead water agent Jason Mallard, and myself. The group from EPD included Dr. Ania Truszczynski (Watershed Protection Branch Chief), Marjie Roquemore (Agriculture Water Project Manager), Cliff Lewis (Program Manager, Ag Water Permitting), Irene Valli (geologist), Caitlyn Hodges (geologist), and Mack Park (geologist). Other attendees included Ryan Thompson and Taylor Thompson (Harvey Drilling Co.), Mark Wilkerson and John Adams (J&B Irrigation), Brian Hayes (Mitchell Co. Extension), Tucker Greene (GA Assoc of Groundwater Professionals), and State Senator Freddie Powell Sims and her husband Norman. Local farmers Murray Campbell, Jerry Heard, and Chuck Von Glahn shared

great info as well.

I joined my colleagues Wes Porter, Jason Mallard and David Hall as we virtually delivered the 2022 version of our "Basic Principles of Ag Irrigation" extension agent training. We target 'new' extension agents with this training but also invited agents from Florida and REC superintendents here in UGA. Mike Mills with Reinke Irrigation was the official sponsor.

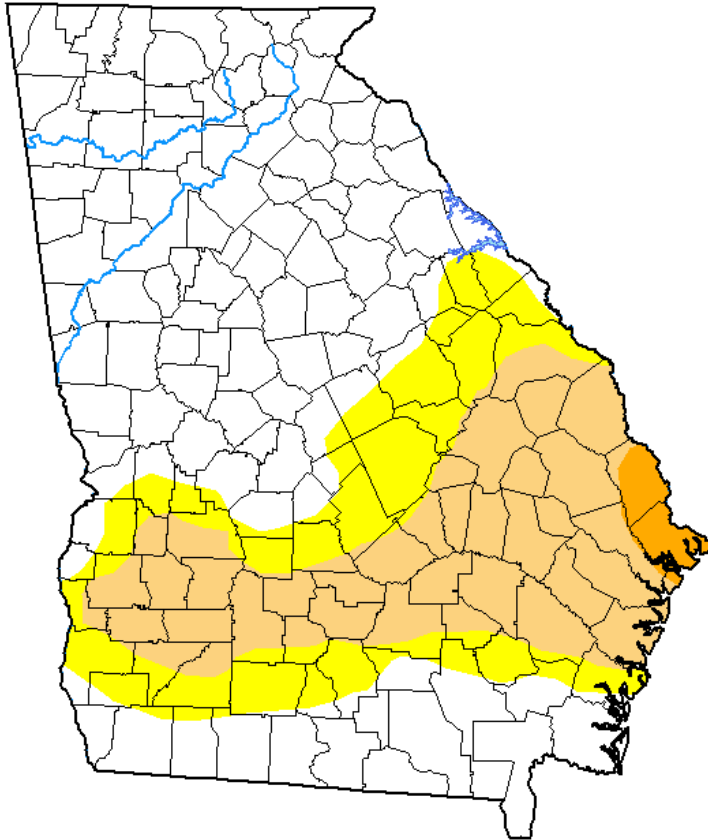
We took delivery of a new 6-row LMC liquid product applicator implement last month. This will greatly improve the accuracy and precision of delivery of products like side-dress nitrogen applications to corn and cotton. We also installed a new Sony high def TV/monitor in our conference room. This replaced our old overhead projector and brought us into the modern age!



# Drought Conditions

## U.S. Drought Monitor Georgia

**May 10, 2022**  
(Released Thursday, May 12, 2022)  
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	58.09	41.91	24.80	1.52	0.00	0.00
<b>Last Week</b> 05-03-2022	51.00	49.00	22.55	0.00	0.00	0.00
<b>3 Months Ago</b> 02-08-2022	81.13	18.87	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> 01-04-2022	97.01	2.99	0.00	0.00	0.00	0.00
<b>Start of Water Year</b> 09-28-2021	100.00	0.00	0.00	0.00	0.00	0.00
<b>One Year Ago</b> 05-11-2021	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:

David Simeral  
Western Regional Climate Center



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

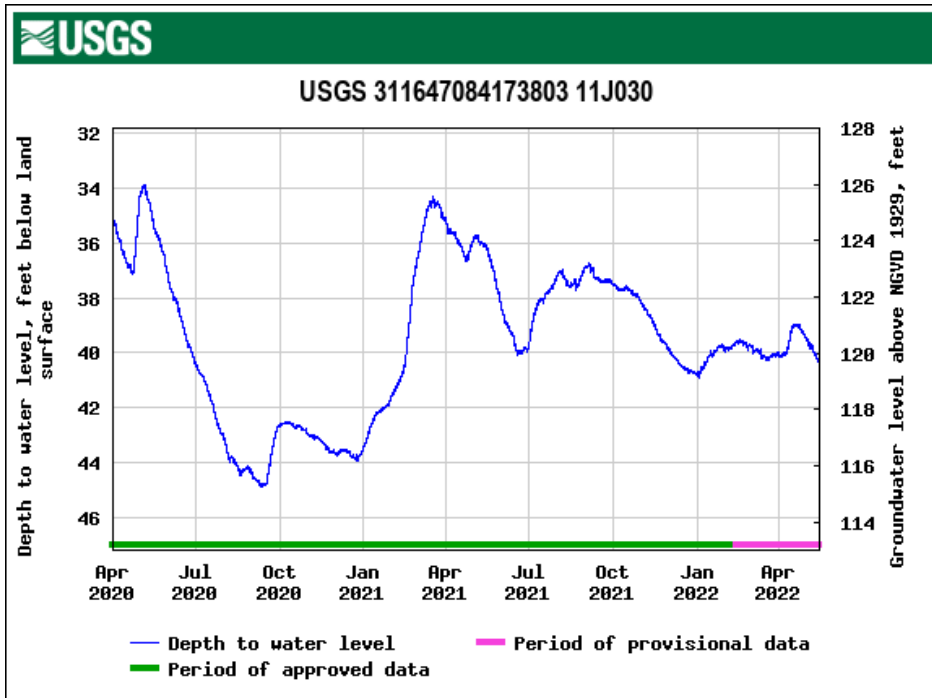
Drought Monitor map for Georgia as of May 10. As of that date, 42% of Georgia was 'abnormally dry' with 25% rated as in 'moderate drought'.

For more info:

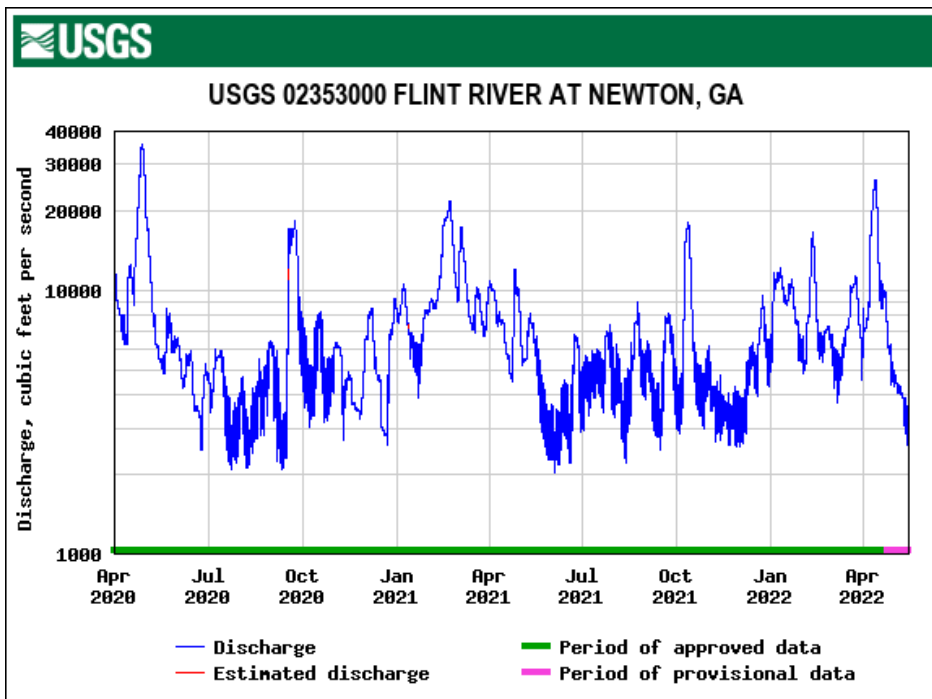
<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?GA>



# Water Resources



Above - USGS data for the past 2 years for a groundwater monitoring well here at SIRP in Floridan aquifer. Below - stream gage on the Flint River at Newton for past 2 years.



# Events

## Past events

<b>April 12</b>	FRSWCD meeting
<b>April 14</b>	Lower Flint Ocklocknee Water Council mtg. (Albany)
<b>May 10</b>	FRSWCD meeting
<b>May 12</b>	Lower Flint Ocklocknee Water Council mtg. (Albany)

## Upcoming events

<b>June 14</b>	FRSWCD meeting
<b>June 21-23</b>	4H2O Camp
<b>July 12</b>	FRSWCD meeting
<b>July 14</b>	IGEL



# In The News

[Alabama Corn: Managing Fertilizer Applications to Maximize Net Returns](#)

[Alabama Peanuts: Planning Considerations for 2022](#)

[Entomologist sees climate shifts in pest pressure](#)

[Peanuts: Thrips, TSWV Management – This Is Your One Chance, Don't Mess Up](#)

[Kemp signs ag bills in event at Dickey Farms](#)

[New Syngenta insectary targets invasive insect pests](#)

[Resistance management is a journey best travelled cooperatively](#)

[What Do We Know About the Impact of Late Planting on the U.S. Average Corn Yield?](#)

[Rising atmospheric CO2 may benefit maize crops: first experiment in African conditions](#)

[Corn hits a 10-year high](#)

[As Extension service changes, educators strive to serve all](#)

[8 Soybean Planting Reminders for when Mother Nature doesn't Cooperate](#)

[High prices and low input costs have farmers planning to increase specialty crop acreage](#)

[Autonomous Agricultural Robots Revolutionize Organic Farming](#)

[Celebrating education at Sunbelt](#)

[UGA-Griffin breaks ground on site to showcase new irrigation technologies](#)

[Precision Ag Researcher of the Year Simer Virk weighs in on the future of agriculture](#)



# At the Park

Right:

Matt and Anwar with Dr. Vellidis' group sampling rye.

Below:

Spraying herbicide to cover crop.



# At the Park

Right:  
Marking Dr. Kemerait's  
corn fungicide study  
plots.

Below:  
Strip tillage in VRI  
corn field.





# At the Park

Right:  
B.J. & Kyle  
mounting new  
TV/monitor  
in conference room.  
Replaces our overhead  
projector.



Below:  
Jaye Brown working  
on Reinke lateral.



# At the Park

Right:  
Dr. Porter's  
corn research plots off to  
an early start.

Below:  
Dr. Sintim's graduate  
student Solomon installing  
sensors in Access Field  
corn.



# At the Park

Right:  
Planting Dr. Kemerait's  
corn in VRI field.

Below:  
New Reinke lateral  
irrigating.



# At the Park

Right &  
Below:

EPD meeting  
at SIRP.



# At the Park

Right & Below:  
Irrigating & applying  
fertilizer to Dr. Sintim's  
corn plots.



# At the Park

Right:  
Planting Dr.  
Porter's cotton.



Below:  
Apply side-dress N  
to Dr. Porter's  
corn.



# Music Trivia

We can all agree that music is an integral part of our lives. Whether you love jazz, metal, pop, country or rap... music unites us, soothes us, engages us, makes us think, dance & express our feelings.

What singer has had a Billboard No. 1 hit in each of the last four decades?

Mariah Carey

Who was the very first American Idol winner? Kelly Clarkson

Which member of the Avengers had a brief stint as a pop star? Brie Larson

What pop star wrote songs for Ariana Grande, Miley Cyrus, Britney Spears and Alice Cooper? Ke\$ha

In The Big Lebowski, The Dude can't stand which band? The Eagles

Before Phil Collins, who was the lead singer of Genesis? Peter Gabriel

What rock star moonlights as a horror movie writer and director?

Rob Zombie

Who was Marvin Gaye's duet partner? Tammi Terrell

Paul McCartney credits which artist with teaching him everything he knows?

Little Richard

What artists made up the supergroup The Traveling Wilburys?

George Harrison, Roy Orbison, Jeff Lynne, Tom Petty and Bob Dylan

Who was the first woman ever inducted into the Rock and Roll Hall of Fame?

Aretha Franklin

Paul McCartney and John Lennon wrote which Rolling Stones song?

"I Wanna Be Your Man"

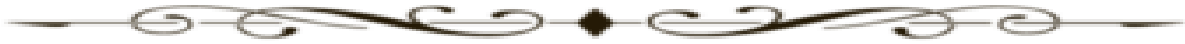
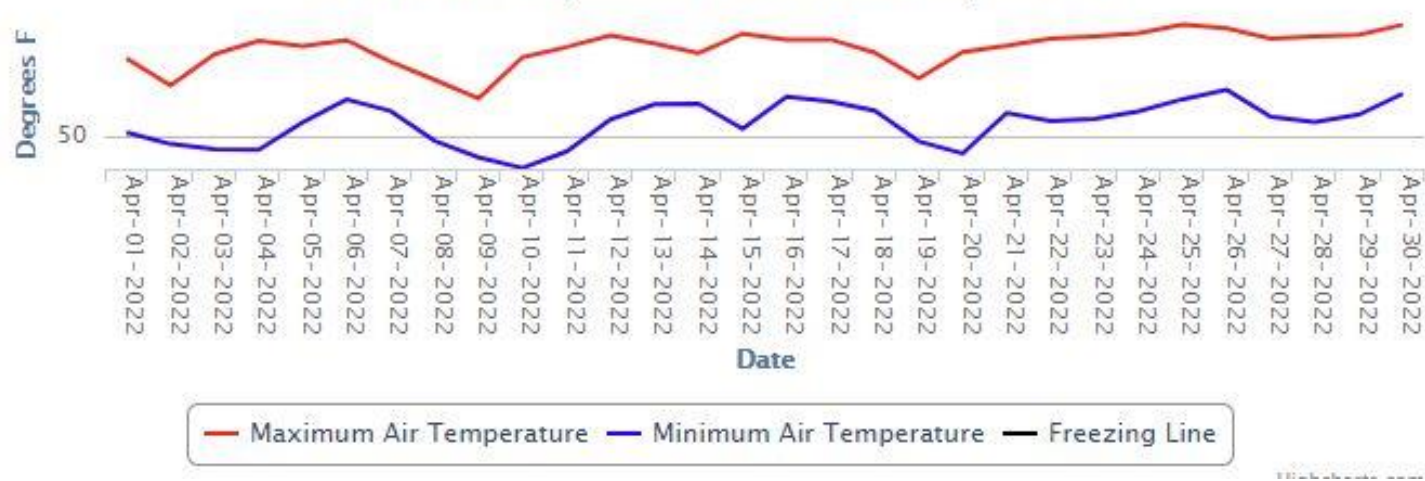
Who is the only country artist to have a Top 20 hit on the Billboard Hot

Country Songs chart for six straight decades? Dolly Parton



# SIRP Weather

Maximum Temperature, Minimum Temperature



Daily Cumulative Rainfall



For April, SIRP had 3.11 inches of rainfall, compared to 4.59 inches in March, 1.79 inches in February and 5.05 inches in January.

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





# Contact Information



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### Trivia / Riddle:

This belongs to you, but everyone else uses it.

Answer: Your name.

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