

# C.M. Stripling Irrigation Research Park

Monthly Newsletter

November 2022



Cotton in Access Rd. field prior to harvest ...



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College of Agricultural &  
Environmental Sciences  
UNIVERSITY OF GEORGIA

# From the Superintendent

## Calvin Perry

The 2022 crop harvest is rapidly coming to an end here at the Park. As of this writing, only soybean harvest remains. The absence of rain events has allowed harvest to proceed with few delays.

How dry was October at the Park? Well, we received only 2.68 inches of rain over 3 rainy days (1 day received 2.22 inches). But this is just over our long term average of 2.23 inches for October. Our high temps ranged from 88 to 64F and lows from 66 to a chilly 32F.

The drought monitor map on the following page illustrates the dramatic change in conditions that the lack of rainfall has brought state-wide. Georgia essentially has 68% of its area classified as abnormally dry or drier. Obviously some rainfall would be welcome! On the Water Resources page, you can see how the Upper Floridan aquifer level has dropped over the summer as well as the recent drop in Flint River flow.

During October, the SIRP crew kept busy with a number of activities, including applying defoliant agrichemicals to cotton studies, working on 4-row cotton picker, picking cotton (data rows and border rows),

sowing rye cover crop, irrigating 'ultra late' soybean plots, and pulling cotton stalks.

We also began testing the VRI control system on our new Reinke 2-span lateral irrigation system. We found that some additional setup and parts were needed to get things going with the VRI system so our dealer, Travis Bruner with Irrigation Plus (Cuthbert, GA), Jake Lull, Reinke territory manager, and Travis Miller from corporate came in last week and got things squared away.

Visitors to the Park included Dr. Vellidis and crew; Dr. Porter's crew; Dr. Snider and crew; Dr. Kemerait and crew; Dr. Sintim's crew; entomology grad students Jermaine and Malcolm; and Brian Hayes (Mitchell Co. extension). We hosted the monthly meeting of the Flint River Soil & Water Conservation District. I also enjoyed a visit from my friend and colleague, Dr. Brenda Ortiz from Auburn Univ.

I enjoyed serving as a judge for the Irrigation Association's annual New Products Contest in the general agriculture category. This 'virtual' competition always showcases great products and this year was no exception.

(Winners will be announced at the annual meeting). I also attended the first meeting of the Georgia Flow Incentive Trust (GA-FIT) project in Albany. I was invited to serve on the GaFIT tech support team. GA-FIT is an effort focused on enhancing drought response capacity to protect our farmers, regional economy and natural systems.

Finally, you may have already heard that I have decided to retire from UGA/CAES/SIRP as of December 1. My last official day of work will be 30 November. They say you'll know when it's time. So, after 33+ years, it's time to hang up my clipboard, plot maps, measuring tape, flags, irrigation nozzles, big sun hat, etc. Rest assured I will do my best to make sure a smooth transition occurs to the Park's next phase and next leadership.

Thanks to each of you for your interest in and support of our work over the years here at Stripling Park!



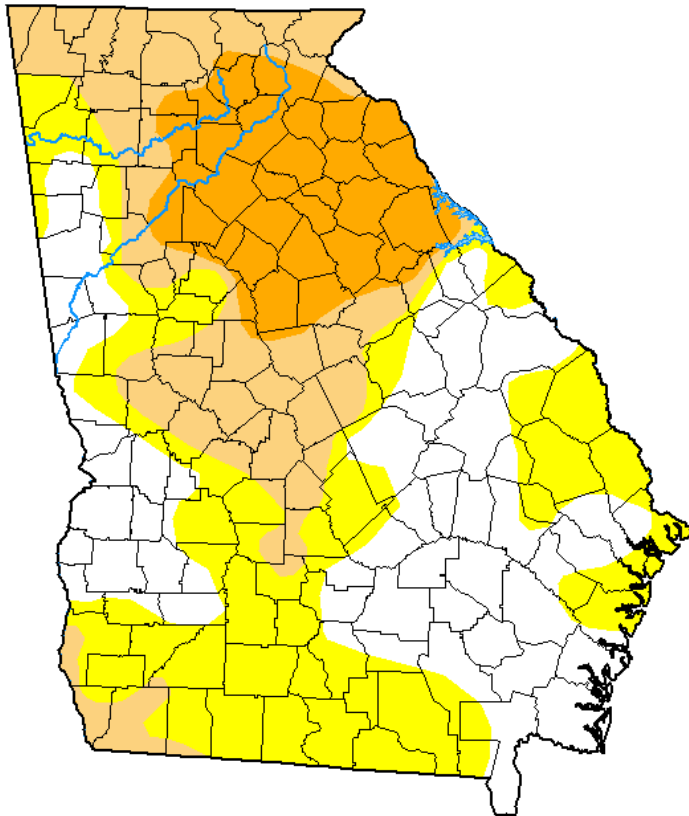
# Drought Conditions

## U.S. Drought Monitor Georgia

**October 25, 2022**  
(Released Thursday, Oct. 27, 2022)  
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	32.03	67.97	35.98	15.67	0.00	0.00
<b>Last Week</b> 10-18-2022	36.70	63.30	22.79	5.72	0.00	0.00
<b>3 Months Ago</b> 07-26-2022	56.44	43.56	0.39	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> 09-27-2022	76.20	23.80	0.00	0.00	0.00	0.00
<b>One Year Ago</b> 10-26-2021	85.30	14.70	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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NOAA/NWS/NCEP/CPC



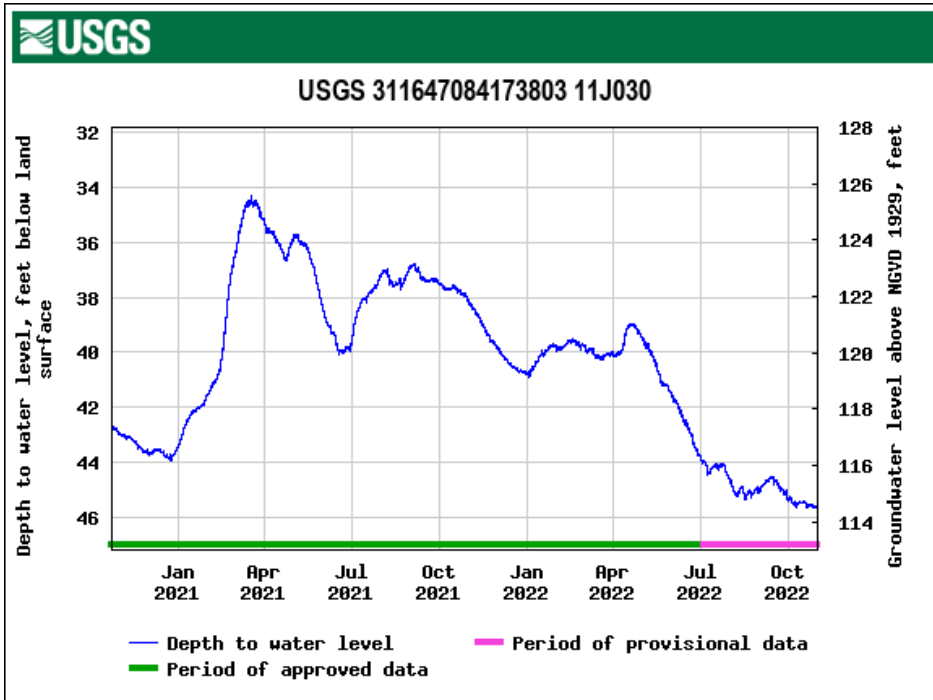
[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

Drought Monitor map for Georgia as of October 25. Dry conditions exist across most of the state. Currently, 68% of GA is abnormally dry, 36% is in moderate drought and 16% is under severe drought conditions. For more info:

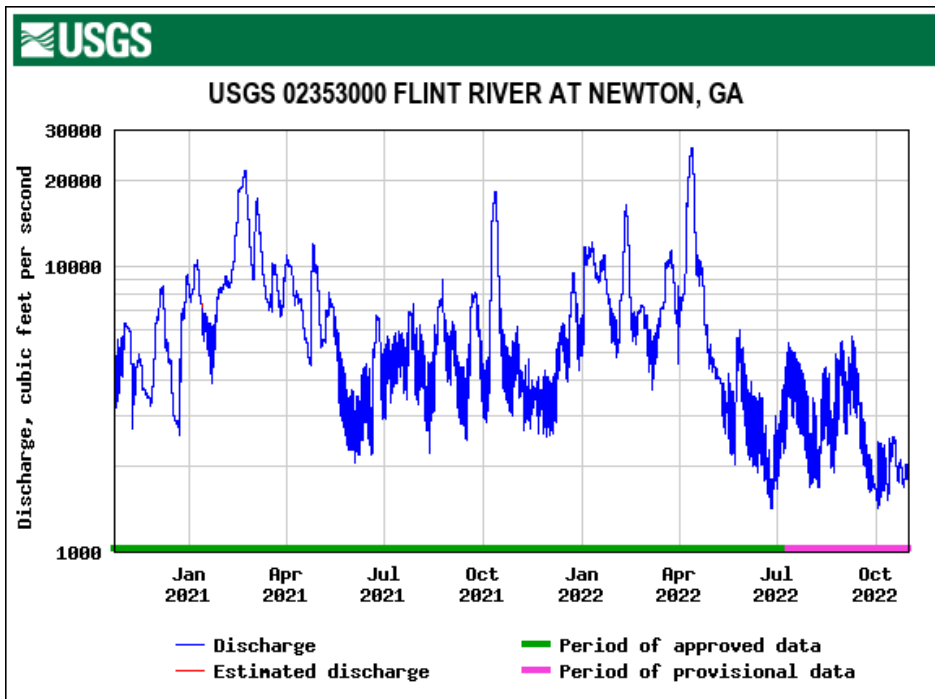
<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?GA>



# 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>October 11</b>	FRSWCD mtg.
<b>November 8</b>	FRSWCD mtg.

## Upcoming events

<b>November 11</b>	Veteran's Day
<b>November 24-25</b>	Thanksgiving Holiday
<b>December 13</b>	FRSWCD mtg.
<b>December 25-30</b>	Christmas Holidays
<b>January 1, 2023</b>	New Year's Day Holiday
<b>January 2</b>	New Year's Day (Observed)



# In The News

[New approaches to water management in agricultural operations](#)

[More farmers adopt conservation tillage](#)

[University of Georgia Investigates Potential of Spray Drones in Agriculture](#)

[Georgia Pecans: Don't Fail to Keep Trees Hydrated During Nut Maturity/Shuck Split](#)

[U.S. farm production to increase in 2023 as economy cools](#)

[The Correlation \(Or Lack Of\) Between Soil Health And Fungicide Use](#)

[CAES partners with Agrify to grow vertical farming efforts](#)

[High fuel prices impacting farmers and ranchers](#)

[Entomologists issue warning about effects of climate change on insects](#)

[As Carbon Dioxide Goes Up, Plants' Nutrient Content Declines](#)

[Why is short-stature corn attracting attention?](#)

[Water is essence of carbon sequestration](#)

[Taking a picture of the past today](#)

[UGA students win Capital One College Bowl](#)



# At the Park

Right & Below:

B.J. testing the  
Reinke lateral  
sprinklers in the  
Access Rd. field.



# At the Park

Right:  
Calvin's last soybean  
harvest...



Below:  
Dr. Brenda Ortiz with  
Auburn Univ. stops  
by for a visit.





# At the Park

Right & Below:

Malcolm Peavy,  
Athens student,  
setting bug drop traps  
in cotton.  
Here's what fell in.



# At the Park

Right & Below:

Dr. Kemerait & crew with SIRP's crew winding up the last of the cotton harvest.

L to R - Daryl, Kyle, Edna, B.J., Christian, Austin and Dr. K!



# At the Park

Right & Below:  
Calvin's last cotton  
harvest...





Above & Below: Calvin's retirement party at the Blackshank Pavillion in Tifton. Pics with current (and former) administrators (above) & Superintendents (below).



# Funny & Crazy Laws

In Virginia it's against the law for people to bribe anyone except who?  
Political Candidates

In New York by law the death penalty is required for what act?  
Jumping off a building

In Texas criminals must give their victims what?  
24 hours advance written notice

In Denmark there is a 20 Kroner fine for not reporting what?  
Your own, or anyone else's death

By law in China you must be what to go to school?  
Intelligent

By law every citizen of Kentucky must do what annually?  
Take a bath

By Law - Nebraska Barbers can't do what between 7 am 7 pm?  
Eat Onions

In Tulsa Oklahoma you need a licensed engineer to open what?  
Soda Bottle

In Canada, in 1923, what was created for first-time criminals?  
A Spanking Machine

On a Sunday, in Providence Rhode Island, it's illegal to buy what?  
Toothbrush

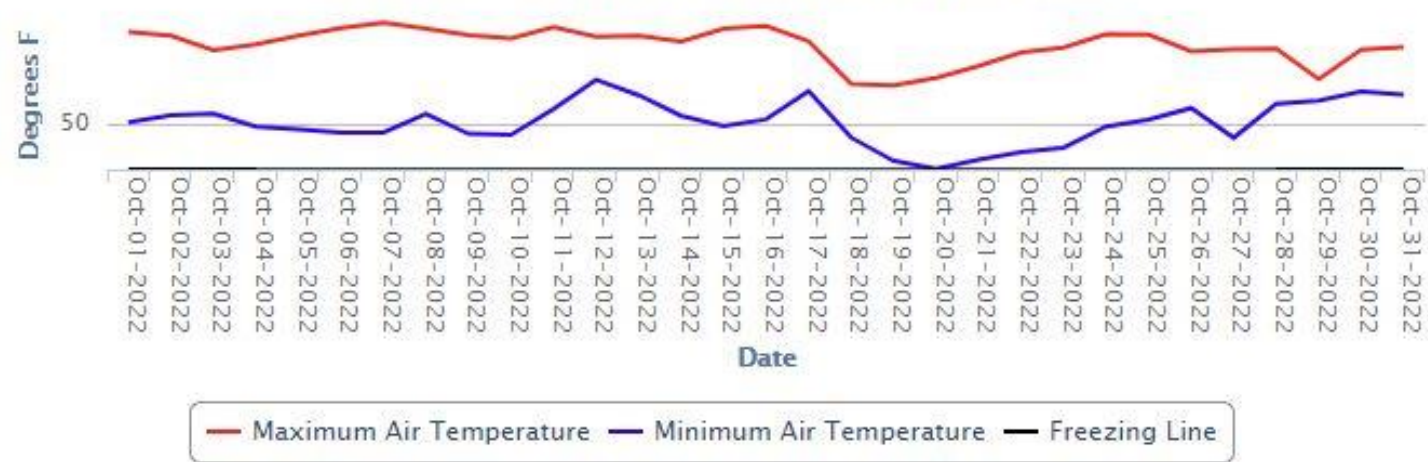
It is illegal to cross the Iowa state boundaries wearing what a what on your head?  
A duck

In Texarkana it's illegal to ride a horse at night without what?  
Tail Lights



# SIRP Weather

### Maximum Temperature, Minimum Temperature



### Daily Cumulative Rainfall



For October, SIRP had 2.68 inches of rainfall, compared to 2.54 inches in September, 5.33 inches in August and 7.86 inches in July. So far, a total of 38.53 inches from January through October.

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



# Contact Information



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### **Trivia / Riddle:**

What is unusual about the following words:  
revive, banana, grammar, voodoo, assess,  
potato, dresser, uneven?

Answer: Take the first letter of each word and place it at the end. It will spell the same word backwards.

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