

C.M. Stripling Irrigation Research Park

Monthly Newsletter

January 2023



Happy New Year!



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College of Agricultural &
Environmental Sciences
UNIVERSITY OF GEORGIA

From the Sr. Agriculture Specialist

B. J. Washington

Happy New Year from us here at Stripling Irrigation Research Park!

First, for those who may not know me, I'm B. J. Washington, Senior Agricultural Specialist. I have been assigned some of the administrative duties while the search begins to find a new superintendent for SIRP. As you all may know, on December 1, 2022 Mr. Calvin officially retired. I would like to thank him again for his many dedicated years of service to the University of Georgia, College of Agriculture and Environmental Sciences and Stripling Irrigation Research Park. He will be greatly missed, and I cannot nor will I try to be "Mr. Calvin".

December was fairly dry here at the park with rainfall being 2.13 inches over 7 events. Temperatures ranged from a warm 80.2 degrees at the highest to a very frigid 15.7 degrees at the lowest, with that low temperature occurring on Christmas Eve. Though it was not a white Christmas in South Georgia, it was definitely a cold one!

In what seemed like a short work month due to the Christmas and New Year's holidays, the staff was busy at the park with irrigation maintenance, finishing up cover crop planting, soil sampling, and general preparation for the upcoming crop year.

In closing, we at the park and The University of Georgia CAES want to thank you all for your continued support. Without it, we could not perform the research that is so important to our agricultural communities locally, nationally, and worldwide.

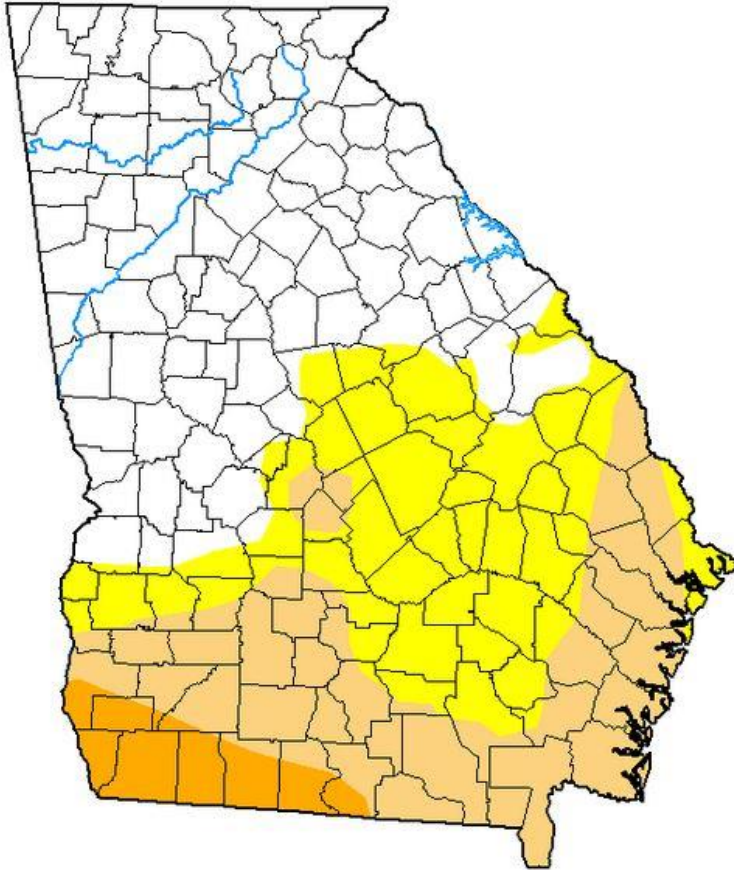
B.J.



Drought Conditions

U.S. Drought Monitor
Georgia

January 3, 2023
(Released Thursday, Jan. 5, 2023)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|-------|-------|-------|-------|-------|------|
| Current | 46.36 | 53.64 | 28.04 | 4.81 | 0.00 | 0.00 |
| Last Week 12-27-2022 | 46.36 | 53.64 | 27.82 | 4.81 | 0.00 | 0.00 |
| 3 Months Ago 10-04-2022 | 70.82 | 29.18 | 2.48 | 0.00 | 0.00 | 0.00 |
| Start of Calendar Year 01-03-2023 | 46.36 | 53.64 | 28.04 | 4.81 | 0.00 | 0.00 |
| Start of Water Year 09-27-2022 | 76.20 | 23.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| One Year Ago 01-04-2022 | 97.01 | 2.99 | 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:

Brad Pugh
CPC/NOAA

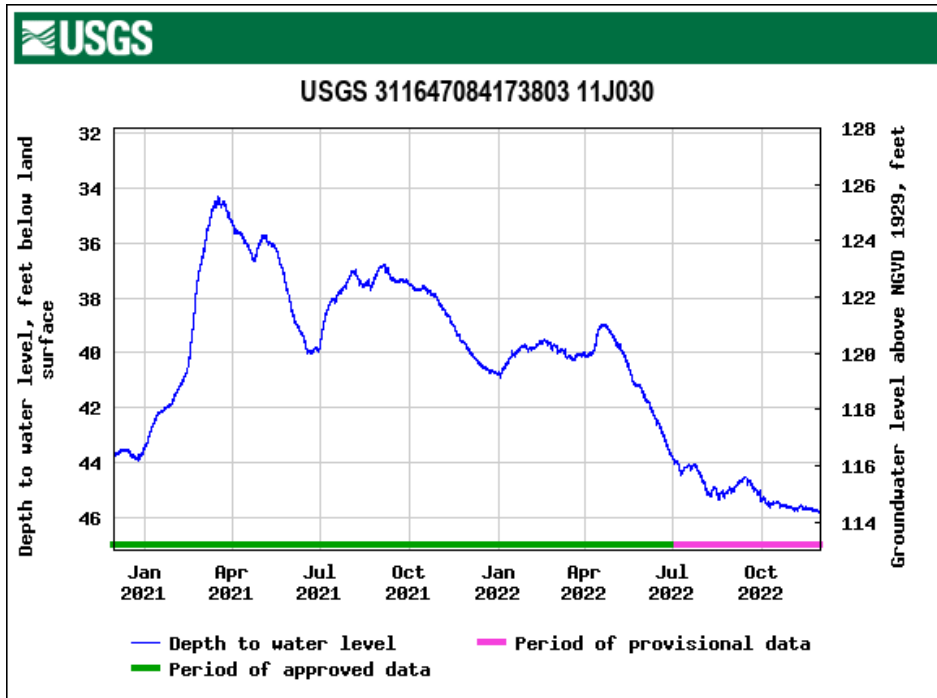


droughtmonitor.unl.edu

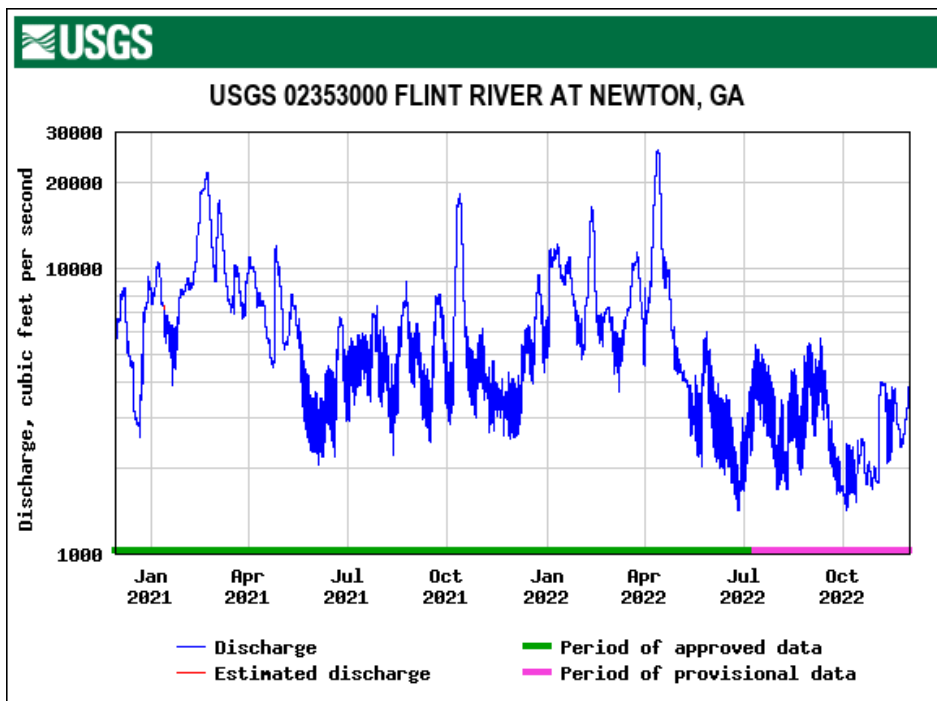
Drought Monitor map for Georgia as of January 3, 2023. Dry conditions exist across the lower half of the state. Currently, 53% of GA is abnormally dry, 45% is in moderate drought and 20% is under severe drought conditions. For more info:

<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

| | |
|-------------------------|-------------------------------------|
| December 13 | FRSWCD mtg. |
| Dec. 25 - Jan. 2 | Christmas & New Year's Holidays |
| January 10 | Westminster School STEM class visit |

Upcoming events

| | |
|-------------------------|--|
| January 17, 2023 | Corn Short Course (Tifton) |
| January 19 | Georgia Peanut Farm Show (Tifton) |
| January 23 | Peanut Prod. Mtg. (Mitchell Co. Ag Center) |
| January 25 | Cotton Production Workshop (Tifton) |
| January 27 | 2023 Georgia Ag Forecast (Tifton) |
| February 9 | Weed Mgmt. Mtg. (Mitchell Co. Ag Center) |
| February 14 | FRSWCD mtg. |
| February 20 | Cotton Update (Mitchell Co. Ag Center) |
| March 14 | FRSWCD mtg. |
| March 15 | Pecan Update (Mitchell Co. Ag Center) |



In The News

[WOTUS Update, “EPA Revises Clean-Water Protections”](#)

[EPA and Army Finalize Rule Establishing Definition of WOTUS and Restoring Fundamental Water Protections](#)

[Field to Jar: Breeding the Best Peanut](#)

[Check germination score when selecting seed](#)

[Tool offers DIY detection of disease, contaminates](#)

[Extreme cold tested new citrus industry](#)

[New regulations make weed management more complex in 2023](#)

[Inflation, Stressors Have An Outsized Impact On Farmers, Families](#)

[USDA Announces Major Program Improvements, Progress, and Investments to Benefit American Farmers, Ranchers, and Producers](#)

[Cold Winter Blast Impacts Georgia Citrus](#)

[Chemigation needs proper calibration](#)

[Developing Nondestructive Sensors for Quality Control](#)

[Purdue ag economists provide insight on critical issues facing farmers in 2023](#)



At the Park



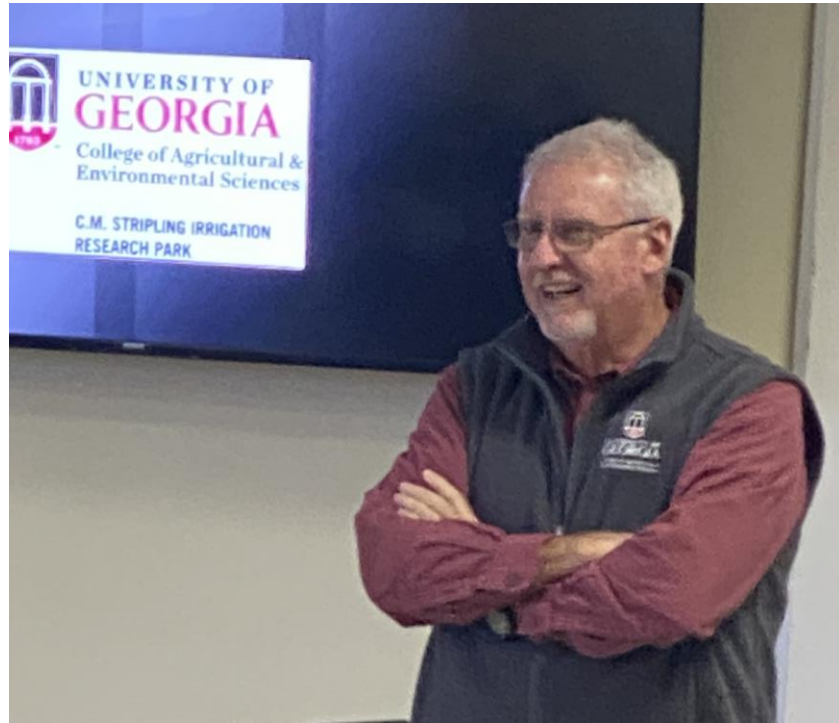
SIRP's Christmas tree on display
in the front office.



At the Park

Right:

Calvin returns to lead the tour with the STEM class (Below) from Westminster School in Atlanta. They visit SIRP on their tour down the Flint River.



At the Park

Right & Below:
Collins Irrigation met
at SIRP for a
Customer
Appreciation lunch.
Lunch was catered by
Backstreet Seafood in
Pelham.



At the Park

Right:

During Collins Irrigation's lunch, Reinke brought in a display for the new

CropX

Soil sensor, with whom they have partnered.

More info can be found at...

<https://www.reinke.com/cropx.html>



At the Park

A retirement party was held for Calvin on his last day at work, November 30th. Around 35 guests attended & congratulated Calvin for all the work he has done for UGA, CAES & SIRP.



Funny Puns

I'm reading a book about anti-gravity. It's impossible to put down!

How did the picture end up in jail? It was framed!

My ex-wife still misses me. But her aim is starting to improve!

Coffee has a rough time in our house. It gets mugged every single morning!

I just found out that I'm color blind. The news came completely out of the green!

Who is the penguin's favorite Aunt? Aunt-Arctica!

What should a lawyer always wear to a court? A good lawsuit!

The quickest way to make antifreeze? Just steal her blanket!

Apple is designing a new automatic car. But they're having trouble installing Windows!

That baseball player was such a bad sport. He stole third base and then just went home!

You really shouldn't be intimidated by advanced math... it's easy as pi!

I asked a Frenchman if he played video games. He said Wii.

Why are frogs so happy? They eat whatever bugs them.

Did you hear about that cheese factory that exploded in France? There was nothing left but de Brie!

I wanted to take pictures of the fog this morning but I mist my chance. I guess I could dew it tomorrow!

My dad unfortunately passed away when we couldn't remember his blood type. His last words to us were, "Be positive!"

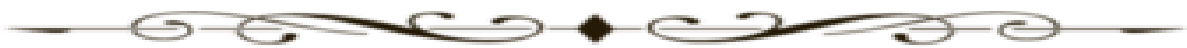
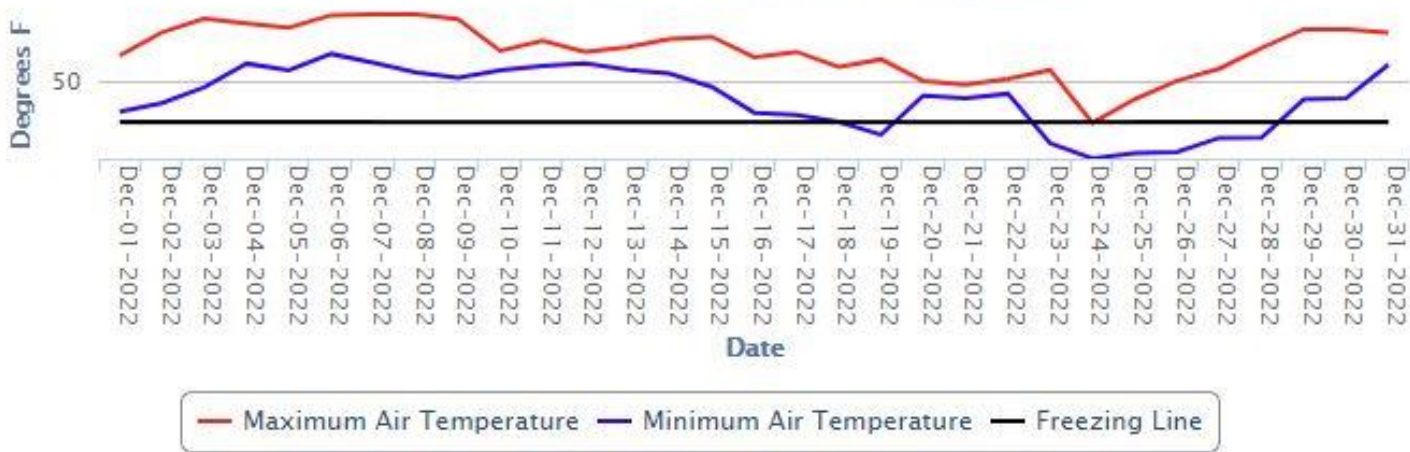
Towels can't tell jokes. They have a dry sense of humor.

Why should you never trust a train? They have loco motives.

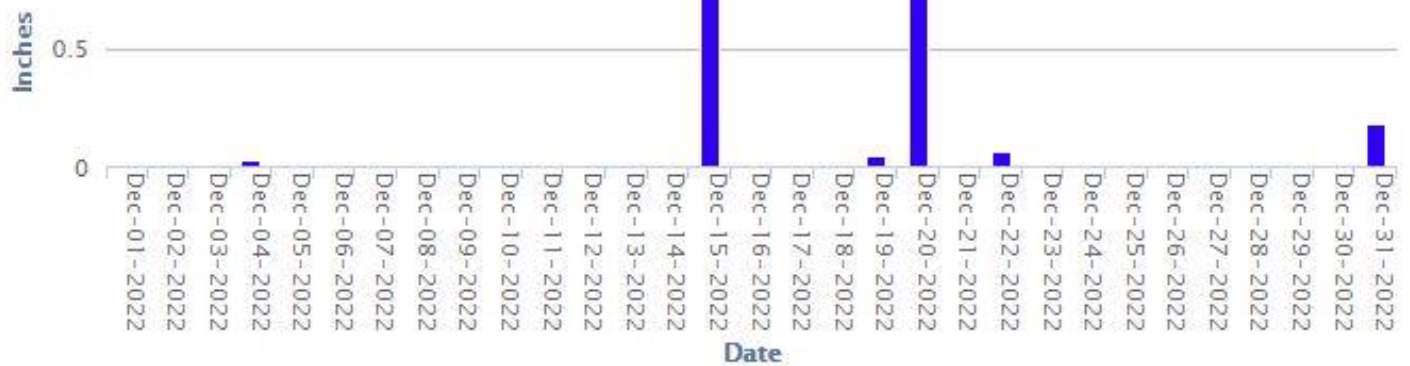


SIRP Weather

Maximum Temperature, Minimum Temperature



Daily Cumulative Rainfall



For December, SIRP had 2.13 inches of rainfall, compared to 2.67 inches in November, 2.68 inches in October, and 2.54 inches in September. Last year we ended up with a total of 43.33 inches of rain.

To explore weather information, visit www.georgiaweather.net.



Contact Information



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Candace Gray (Admin. Associate): sirp@uga.edu

Trivia / Riddle:

Created in 1990, what was the name of the first internet search engine?

Answer: Archie

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