

C.M. Stripling Irrigation Research Park

Monthly Newsletter

February 2021



Pic of whole park.



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College of Agricultural &
Environmental Sciences
UNIVERSITY OF GEORGIA

From the Superintendent

Calvin Perry

Hello again and thanks for taking the time to read our monthly newsletter. It's meeting season once again and the SIRP crew has been enjoying attending (virtually) the UGA Extension cotton, peanut and corn/soybean production meetings. The pecan production meeting comes up soon. While not quite the same as in-person, I commend our Extension colleagues for putting out much useful production information for growers.

During January, the Park received 6.28 inches of rain over 10 rainy days. Our high temps ranged from 78F to 42F and our lows ranged from 66F to 26F. January long-term averages include a high of 61.7F, low of 38.5F and 4.57 inches of rain over 8 rainy days. So we've started 2021 a bit on the wet side.

Our field work has been limited due to time of year and to rain and temps. We were able to get nitrogen fertilizer spread on the rye cover crop in some of our fields, as required by the upcoming research studies. We did some preventative maintenance on our pivot and linear irrigation systems (center drives and tires). We've also been doing some

repairs to one of our tractors as well as to our telehandler (off-road forklift).

I enjoyed listening to the two virtual interviews for Chief Communications Officer for CAES. We had very impressive candidates and either would be great hires for the college. I also listened to the various presenters at this year's Georgia Cotton Commission annual meeting (virtual) as well as the winter meeting of the Research Centers Administrators Society.

I participated in two virtual interviews last month. Engineers with Black & Veatch Consulting needed input for GEFA on opportunities in Georgia Ag for biosolids from municipal waste systems. Jennifer Kay with Bloomberg Law had a number of questions to help her better understand the Florida v. Georgia case before the U.S. Supreme Court (water wars case).

Speaking of virtual, I again took advantage of several Jain Irrigation webinars, including "Water Management For Sustainable Agriculture", "How to interpret soil moisture data", "Property owners need just 3 truths to

save water", "The Farm Bill and impact on agriculture" and "5 tips to help you shoot better videos." I also learned from Nelson Irrigation's "Automated solid set big gun systems" webinar.

Visitors are still rare but we did have Rick Heard (Advanced Ag Systems), Brian Hayes (UGA Extension, and Damon Jones (Ga Farm Bureau) drop by. Damon was shooting video for Ga Farm Monitor TV show and included Cale Cloud, Water Agent, discussing winter maintenance of center pivots. Yep, that's our center pivot in the videos!

BTW – We've located and purchased a good used 4-row peanut combine. Thanks for the leads.

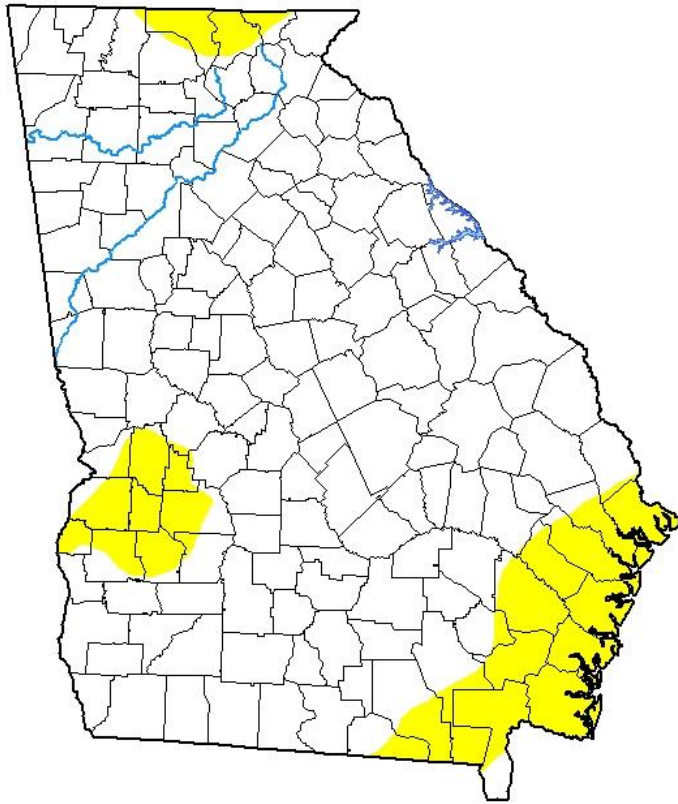
Don't forget - on [our website](#), near the bottom right, in a bright red banner, is a "Donate Now" button.



Drought Conditions

U.S. Drought Monitor Georgia

February 2, 2021
(Released Thursday, Feb. 4, 2021)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	85.05	14.95	0.00	0.00	0.00	0.00
Last Week <small>01-26-2021</small>	84.81	15.19	0.00	0.00	0.00	0.00
3 Months Ago <small>11-03-2020</small>	87.31	12.69	0.00	0.00	0.00	0.00
Start of Calendar Year <small>12-29-2020</small>	65.78	34.22	0.00	0.00	0.00	0.00
Start of Water Year <small>09-29-2020</small>	97.20	2.80	0.00	0.00	0.00	0.00
One Year Ago <small>02-04-2020</small>	88.12	11.88	0.67	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>

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U.S. Department of Agriculture



droughtmonitor.unl.edu

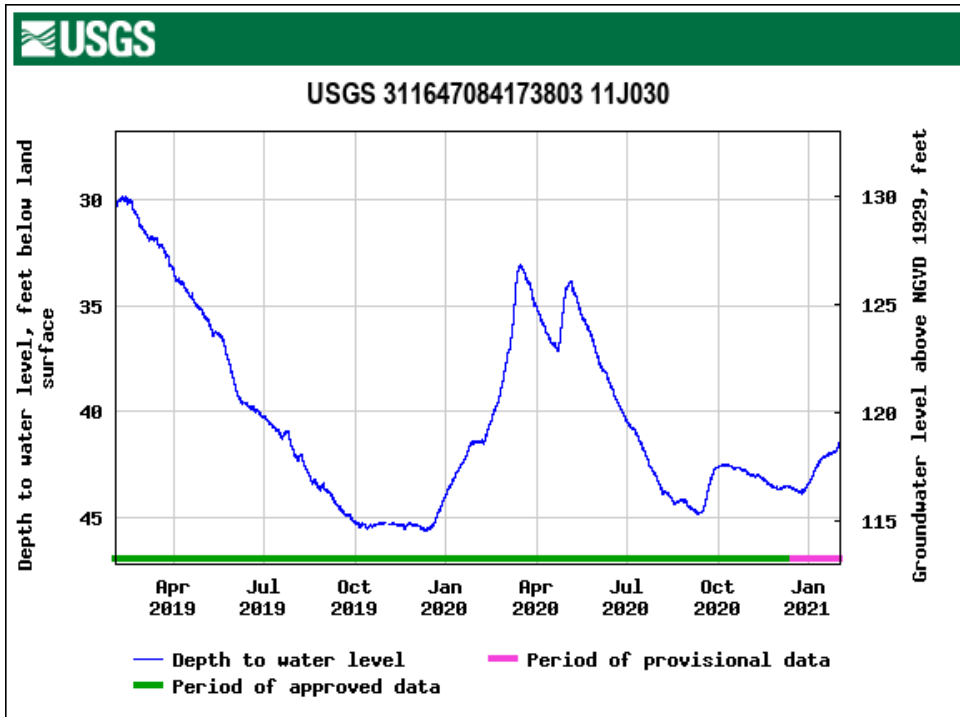
Drought Monitor map for Georgia as of Feb 2. As you can see, now there is 14.95% of Georgia in abnormally dry status, and 85.05% in no drought condition. Dry status is still along the coast and over near Columbus.

For more info:

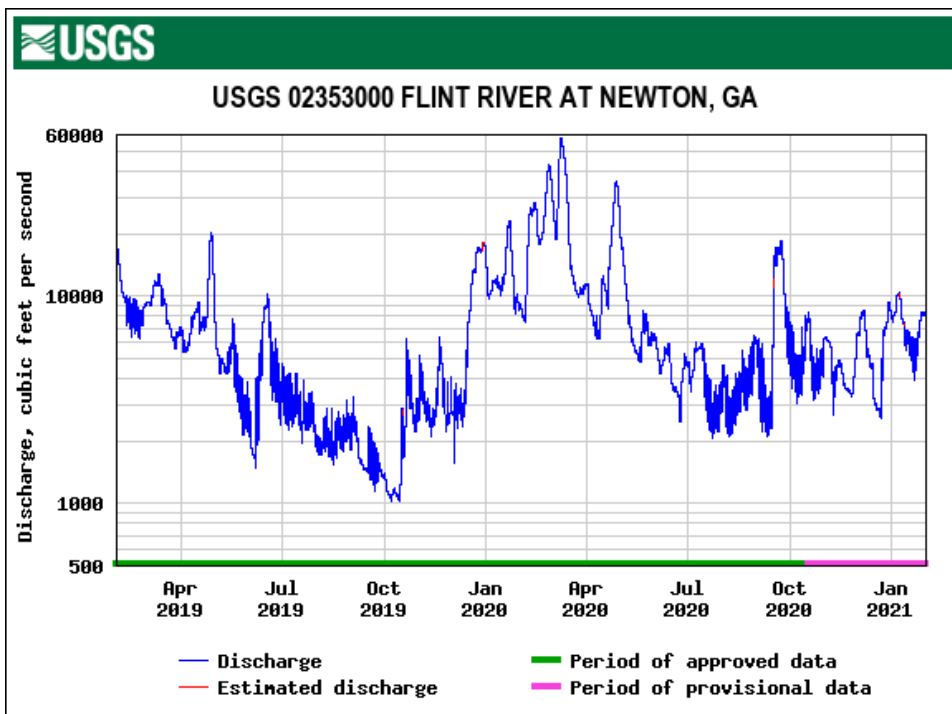
<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?GA>



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

Upcoming events

All events have been cancelled or delayed until further notice due to the COVID-19 virus.

We hope that everyone is practicing 'Social Distancing', and that you all stay safe, happy and healthy!



In The News

[How Remote Support Makes Your Life Easier](#)

[Precision Agriculture Improves Environmental Stewardship While Increasing Yields](#)

[The Future of Ag at CES](#)

[Farmers Edge Partners with Google Cloud to Digitally Transform Agriculture](#)

[Robotics playing bigger role](#)

[Georgia Signs A Contract For Lake Lanier Water, Settling One Piece Of The Water Wars](#)

[Could 2021 match the record-dry pattern of 2012?](#)

[Planter Compaction Yield Penalties](#)

[Examining issues facing hemp production and processing](#)

[Georgia 4-H Continues Diverse Online Programming](#)

[Plant genomicist Buell to join UGA as GRA/GSD Eminent Scholar](#)

[UGA citrus trials support growing industry in Georgia](#)

[Are You Ready for the 2021 Corn Season?](#)

[Georgia Peanut Commission Research Report Day, Tifton, Feb. 10](#)

[7 crop disease basics that matter](#)

[Will 5G, StarLink and Private Networks Narrow the Digital Divide?](#)

[Insights into safety net programs and decisions](#)

[Chill Hours Make or Break Growing Season](#)

[Family-Owned Farms Account for 96% of U.S. Farms](#)

Video:

[Advanced Corn Production in 2021](#)



At the Park

Right: Getting a 4-row peanut combine!

Below: Cale Cloud (water agent) is being interviewed by GFB.



At the Park

Right &
Below: Rye
cover crop in
the Newton
North field
coming along
nicely.



Brain Teasers

1 history history history	2 R g rose e i n	3 MEREPEAT	4 _____ read _____
5 Arrest You're	6 M Meal M e e a a l Meal l	7 wiisiiom	8 wonalicederland
9 me right	10 stefrankin	11 Chimadena	12 eggs gegs sgeg gges
13 millio1n	14 d r d r e v i e v i d r d r e v i e v i	15 land time	16 mini'l bethereute
17 COUNTRY COUNTRY	18 Egg Egg HAM	19 ban ana	20 T.H.A.T
21 <u>cover</u> agent	22 Meal Λ	23 WHERE WHERE WHERE WHERE WHERE WHERE RAINBOW	24 XQQQME
25 time time	26 FLUBADENCE	27 PAwalkRK	28 BIG BIG ignore ignore
29 BIRD	30 G O I A R C U G N D N	31 ICE ³	32 lang4uage
33 VA DERS	34 9S2A5F4E1T8Y6	35 -gnikooJ	36 RAKEN
37 RIGHT RIGHT	38 TULIPS	39 \$0 all all all all	40 knee light light

Answers:
 1-History repeating itself; 2-Ring around the rosey; 3-Repeat after me; 4 Read between the lines; 5-You're under arrest; 6-Square meal; 7-Double vision; 8-Alice in Wonderland; 9-Right beside me; 10-Frankenstien; 11-Made in China; 12-Scrambled eggs; 13-One in a million; 14-Four wheel drive; 15-Land before time; 16-I'll be there in a minute; 17-Cross country; 18-Green eggs & ham; 19-Banana split; 20-Fancy that; 21-Undercover agent; 22-Balanced meal; 23-Somewhere over the rainbow; 24-Excuse me; 25-Time after time; 26-Bad influence; 27-Walk in the park; 28-Too big too ignore; 29-Big Bird; 30-Going around in circles; 31-Ice cube; 32-Foreign language; 33-Space invaders; 34-Safety in numbers; 35-Looking backwards; 36-Half baked; 37-2 Rights don't make a wrong; 38-Tiptoe thru the tulips; 39-Free for all; 40-Neon lights.

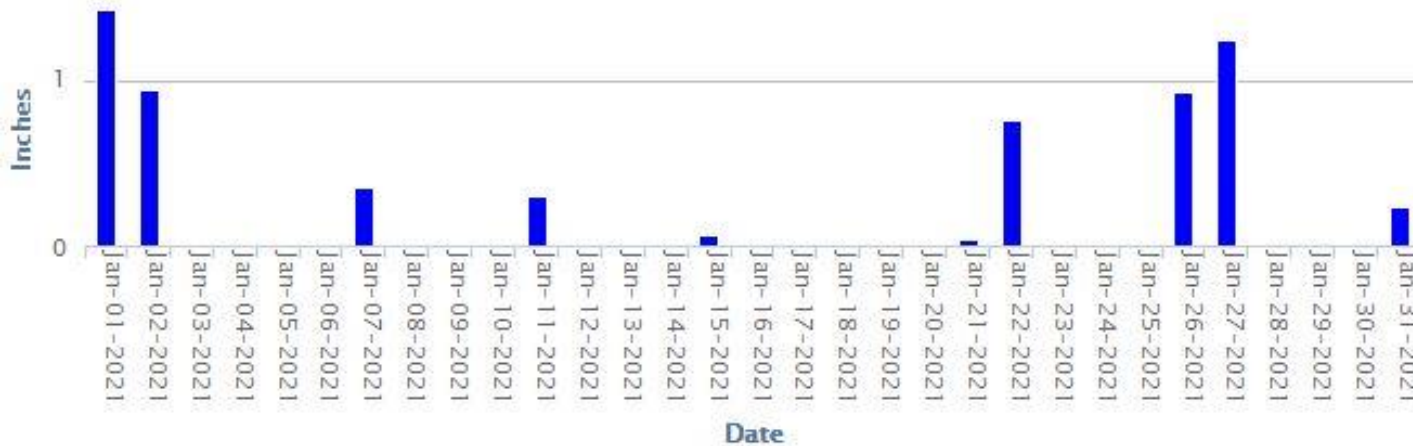


SIRP Weather

Maximum Temperature, Minimum Temperature



Daily Cumulative Rainfall



For January, SIRP had 6.28 inches of rainfall, compared to 5.05 inches in December, 1.46 inches in November and 2.56 inches in October.

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



Contact Information



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Trivia:

Which car company owns Bugatti, Lamborghini, Audi, Porsche, and Ducati?

Answer: Volkswagen

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