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Soybean blooms...
Well, it’s hard to believe half of 2022 is now behind us – hello August! Before you know it, we’ll be wrapping gifts and humming carols.

In July, we broke the months-long string of low monthly rainfall totals as our UGA weather station recorded 7.86 inches over 14 rainy days. Our high temps ranged from 96.3-86.5°F and our lows from 76.3-69.0°F. The long-term average data for July includes 5.72 inches of rain over 12 rainy days, 92.3°F high temp and 71.1°F low temp. For comparison, here are previous monthly rain totals (inches): June 3.2, May 2.38, April 3.11.

Speaking of hot temps, take a look at the next page for a Hottest Day of the Year infographic. I ‘borrowed’ this graphic from the Weather Channel website. Looks like SIRP would generally be in the August 1 timeframe for reaching the hottest day of the year, on average. In 2021, our hottest day was on June 15 (97.9°F) The second hottest – on August 10 (97.7°F). Maybe we have passed the high temp date this year! The drought monitor map on the following page illustrates the dramatic change in conditions that the July rains have brought.

As with many of you, July is one of our busiest months. The SIRP crew was very busy throughout the month with a number of activities, including fertigating cotton and peanuts, applying fungicide to cotton, peanut and vegetable plots, spraying insecticides on soybean and cotton plots, applying growth regulator and herbicide to cotton plots, prepping ‘ultra late’ soybean plots, mowing (esp. alley), and irrigating! We also spent considerable energy repairing a water supply riser to one of our lateral irrigation systems.

Visitors to the Park included Dr. Vellidis’ crew, Dr. Snider’s crew, Dr. Kemerait and crew, Brian Hayes (Mitchell Co. extension) and Linda Hamilton (Mitchell County High School ag teacher). We also hosted the IGEL 2022 class, and the Southeastern 4-H Crop Scouting School. One of SIRP’s center pivot systems served as the backdrop for a video shoot to advertise a STEM gardening activity coordinated by the Flint River Soil & Water Conservation District, GACD, and Flint River Fresh.

I have been serving on the search committee for a superintendent for the Attapulgus Research & Education Center. I was pleased to participate in recent interviews of two candidates for the position.

Speaking of positions, I’m pleased to note that SIRP’s BJ Washington, Senior Ag Specialist, has now been in his position for 10 years! Time does fly. I guess that means BJ is now vested in our TRS retirement system! Congrats to BJ.

Finally, I’d like to introduce you to SIRP’s newest employee, Daryl Williamson. Daryl was hired to fill our vacant Ag Specialist position. He graduated from Colquitt Co. High School in 2014 where he was very involved in FFA. He graduated from ABAC in 2019 receiving his BS. He began working for a family farming operation in Colquitt Co. during high school and continued with them until accepting our recent offer to join the Stripling Park and UGA. We’re glad to add Daryl to our team. He brings a lot of skills and strengths to the job.

Don’t forget - on our website, near the bottom right, in a bright red banner, is a “Donate Now” button. Use it to make a donation to help our facility!
Infographic on “Hottest Day of the Year” that was ‘borrowed’ from the Weather Channel website. Looks like SIRP would generally be in the August 1 timeframe for reaching the hottest day of the year, on average.

Drought Conditions

Drought Monitor map for Georgia as of August 2. The conditions have definitely improved since early last month. Now only ~19% of Georgia is abnormally dry and those sections are scattered around the state. For more info:

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

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 12</td>
<td>FRSWCD mtg. (Mitchell Co. Ag Center)</td>
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<tr>
<td>July 14</td>
<td>IGEL</td>
</tr>
<tr>
<td>July 26</td>
<td>4-H Cotton Scout training</td>
</tr>
<tr>
<td>August 2</td>
<td>USDA / FSA mtg.</td>
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## Upcoming events

<table>
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<td>FRSWCD mtg.</td>
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<tr>
<td>August 30</td>
<td>FRSWCD mtg.</td>
</tr>
<tr>
<td>September 13</td>
<td>FRSWCD mtg.</td>
</tr>
</tbody>
</table>
In The News

Smart irrigation scheduling benefits producers

Bringing tech to crop disease identification

Slow-growing soybeans need moisture

Economists study impact of international ag research at universities

Protecting farming’s future

Irrigation water management

Texas Grower Puts John Deere’s See and Spray Technology to the Test

The World of Future Farming and Artificial Intelligence

Ag sector likely to support economy through possible recession

A ‘triple-dip’ La Niña is likely. Here’s what it means for Georgia

Let’s Learn About the Difference Between Soil & Dirt

The 'breathtaking' advancement of agriculture technology

Videos:

UGA peanut agronomist gives update on this year’s crop season

Farm Monitor - You Tube
At the Park

Right & Below: Spraying Dr. Kemerait’s peanut fungicide study in the VRI Pivot field.
At the Park

Right & Below: Calvin talking to 4-H students about irrigation and VRI to a scouting school.
At the Park

Below:
Calvin discussing SIRP, irrigation, sensors and VRI with the IGEL 2022 class visitors.
At the Park

Above: Grad students working in the Front Four and Camilla Lateral cotton fields.

Below: Grad students re-planting collard plants in white fly study.
At the Park

Right & Below: B.J. & Kyle repairing the Camilla lateral riser. Unfortunately the repair failed. Now it’s a steel only riser.
At the Park

Right:
New (fed surplus) addition to the SIRP family.

Below:
Irrigating the lateral fields.
Fun Puns...

Never discuss infinity with a mathematician, they can go on about it forever.

My wife tried to apply at the post office but they wouldn’t letter. They said only mails work here.

It’s hard to explain puns to kleptomaniacs because they always take things literally.

Two windmills are standing in a wind farm. One asks, “What’s your favorite kind of music?” The other says, “I’m a big metal fan.”

I can’t believe I got fired from the calendar factory. All I did was take a day off!

England doesn’t have a kidney bank, but it does have a Liverpool.

A cross-eyed teacher couldn’t control his pupils.

She had a photographic memory, but never developed it.

What do you get when you mix alcohol and literature? Tequila mockingbird.

What’s the difference between a poorly dressed man on a bicycle and a nicely dressed man on a tricycle? A tire.

The guy who invented the door knocker got a no-bell prize.

German sausage jokes are just the wurst.

What do you call an alligator in a vest? An investigator.

What do you call the ghost of a chicken? A poultry-geist.

How does Moses make coffee? Hebrews it.

Sure, I drink brake fluid. But I can stop anytime!

What do you call a man with no arms and no legs stuffed in your mailbox? Bill.

Somebody stole all my lamps. I couldn’t be more de-lighted!
For July, SIRP had 7.86 inches of rainfall, compared to 3.20 inches in June, 2.38 inches in May, and 3.11 inches in April. A total of 27.98 inches from January through July.

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

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Trivia / Riddle:
What is on the top floor of the U.S. Supreme Court Building?

Answer: A basketball court.

Commit to Groundbreaking Research
Ag research keeps Georgia agriculture on the leading edge of the industry. Consider giving to the C.M. Stripling Irrigation Research Park today.

Click here to Donate Now.