

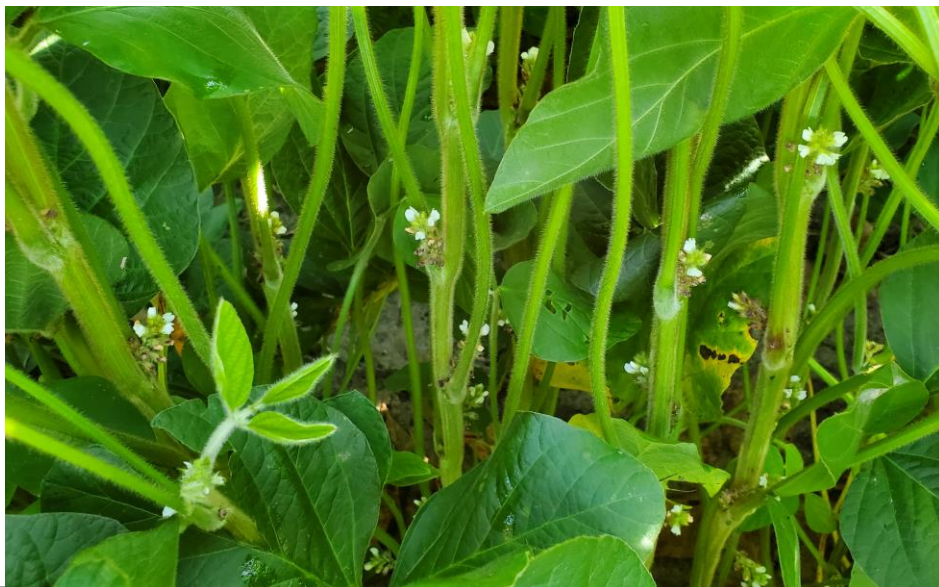
C.M. Stripling Irrigation Research Park

Monthly Newsletter

August 2022



Soybean blooms...



In This Issue

- ▶ From the Superintendent
- ▶ Drought Conditions
- ▶ Water Resources
- ▶ Past & Upcoming Events
- ▶ In The News
- ▶ 4H2O Camp
- ▶ At the Park
- ▶ Fun Puns
- ▶ SIRP Weather
- ▶ Contact Information



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From the Superintendent

Calvin Perry

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 96.3-86.5F and our lows from 76.3-69.0F. The long-term average data for July includes 5.72 inches of rain over 12 rainy days, 92.3F high temp and 71.1F 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 (97.9F) The second hottest – on August 10 (97.7F). 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 fertigrating 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. alleys), 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.

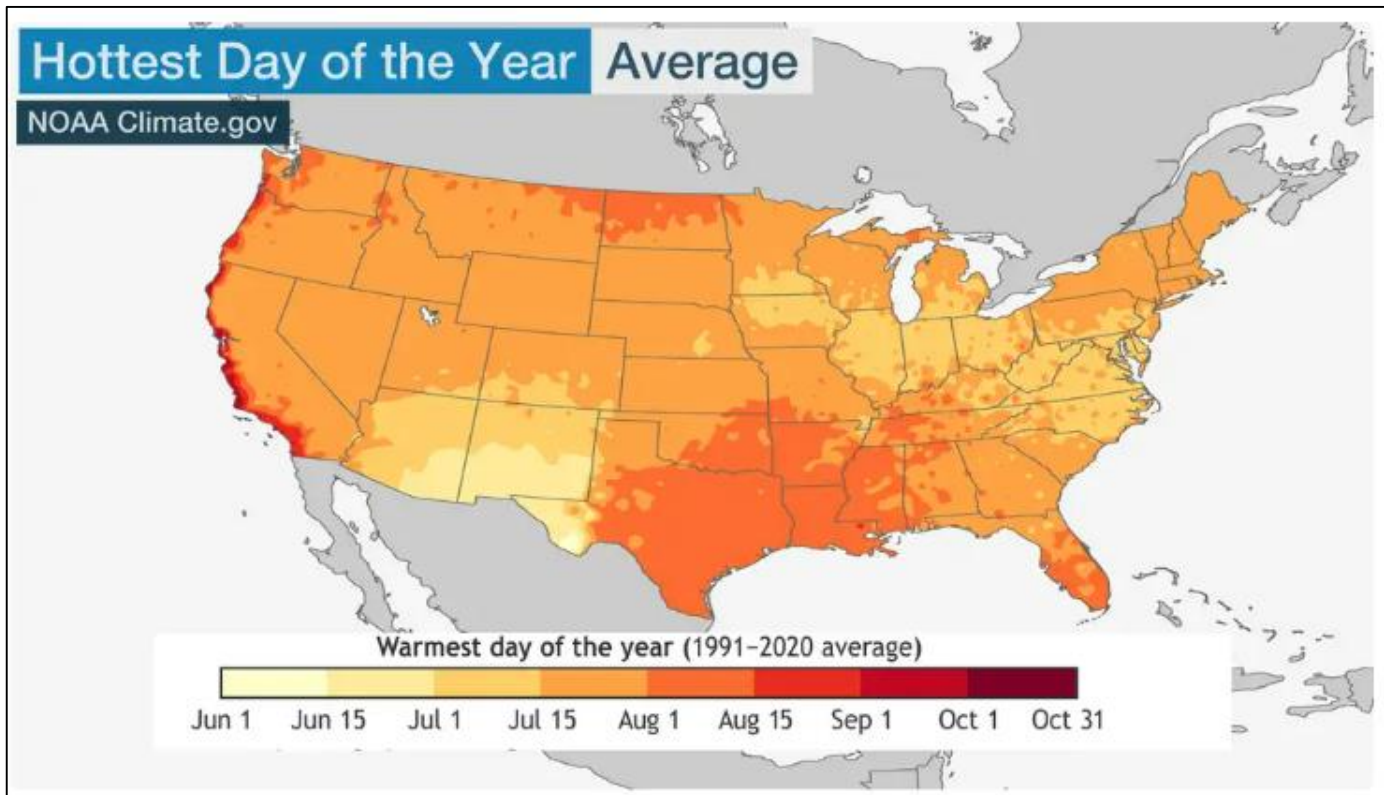


Daryl Williamson, Ag Specialist

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!



Hottest Day?



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.

<https://weather.com/science/weather-explainers/news/2022-07-18-july-hottest-time-of-year-united-states>



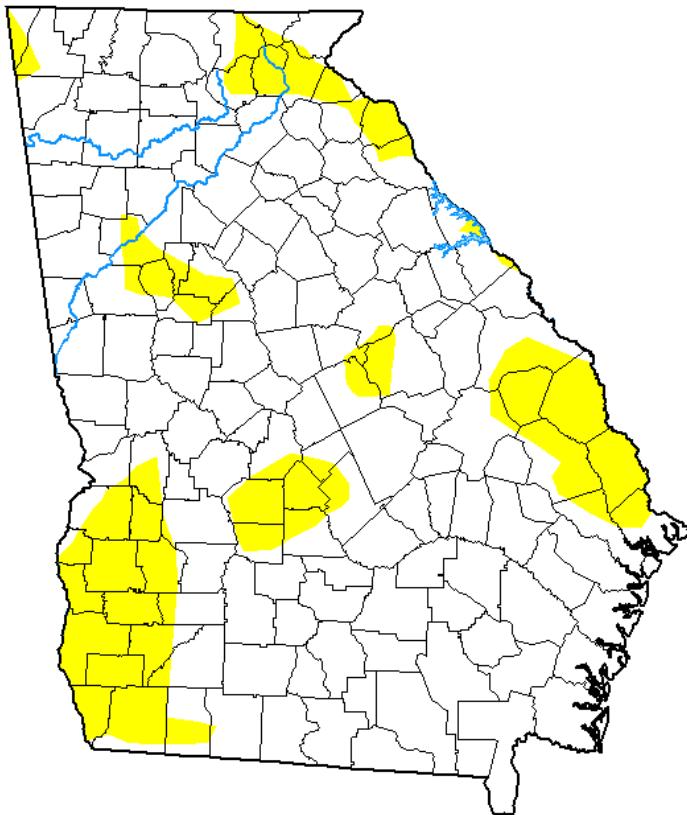
Drought Conditions

U.S. Drought Monitor Georgia

August 2, 2022
(Released Thursday, Aug. 4, 2022)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	81.03	18.97	0.00	0.00	0.00	0.00
Last Week 07-26-2022	56.44	43.56	0.39	0.00	0.00	0.00
3 Months Ago 05-03-2022	51.00	49.00	22.55	0.00	0.00	0.00
Start of Calendar Year 01-04-2022	97.01	2.99	0.00	0.00	0.00	0.00
Start of Water Year 09-28-2021	100.00	0.00	0.00	0.00	0.00	0.00
One Year Ago 08-03-2021	100.00	0.00	0.00	0.00	0.00	0.00



Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate 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:

Curtis Riganti
National Drought Mitigation Center



droughtmonitor.unl.edu

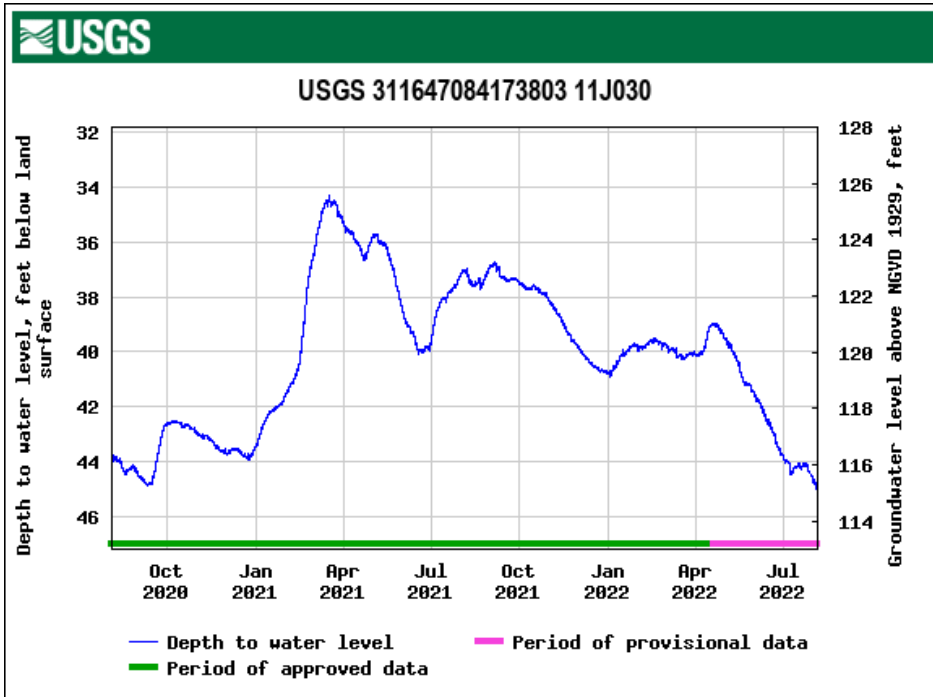
Drought Monitor map for Georgia as of August 2. The conditions have definitely improved since early last month. Now only ~19% of Georgia is abnormally dry and those sections are scattered around the state. For more info:

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

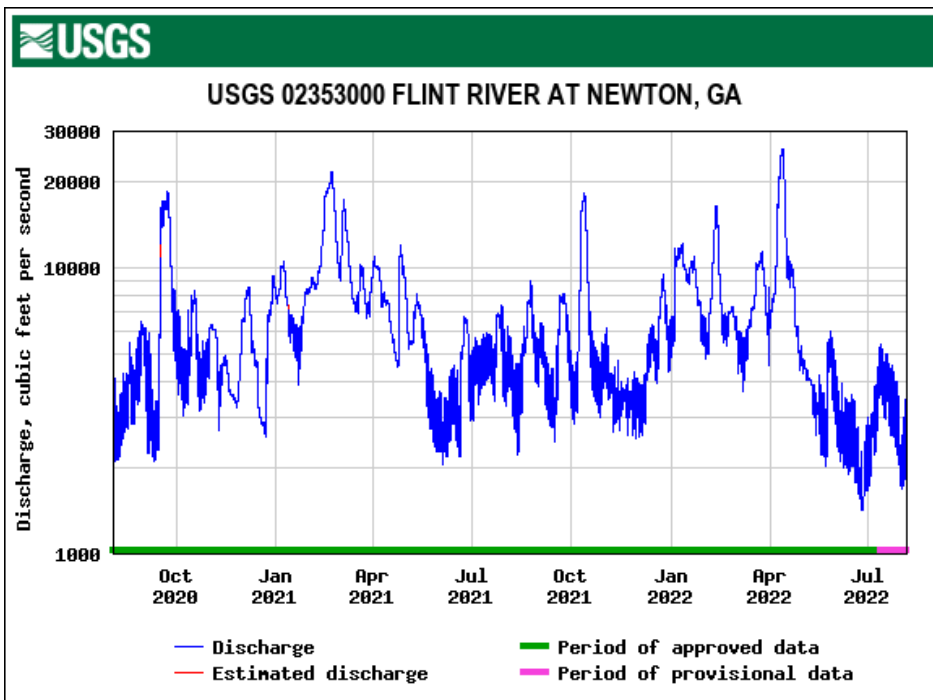


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Water Resources



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

July 12	FRSWCD mtg. (Mitchell Co. Ag Center)
July 14	IGEL
July 26	4-H Cotton Scout training
August 2	USDA / FSA mtg.

Upcoming events

August 9	FRSWCD mtg.
August 30	FRSWCD mtg.
September 13	FRSWCD mtg.



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!

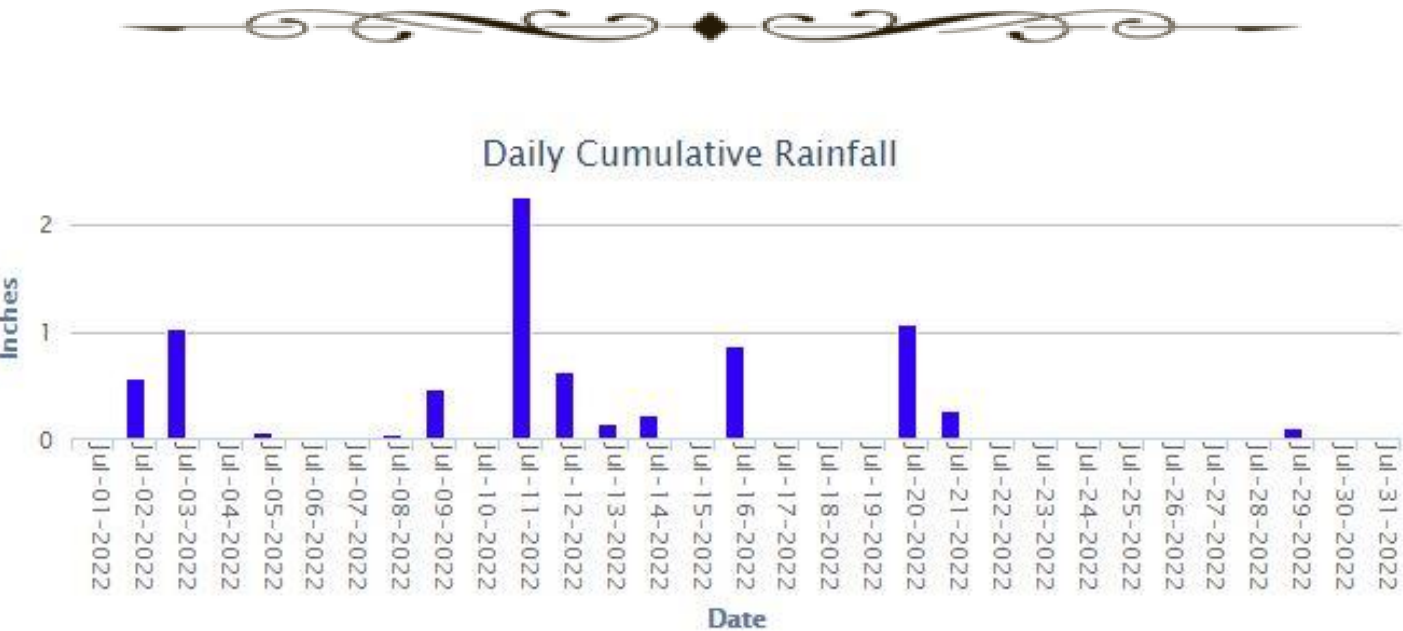
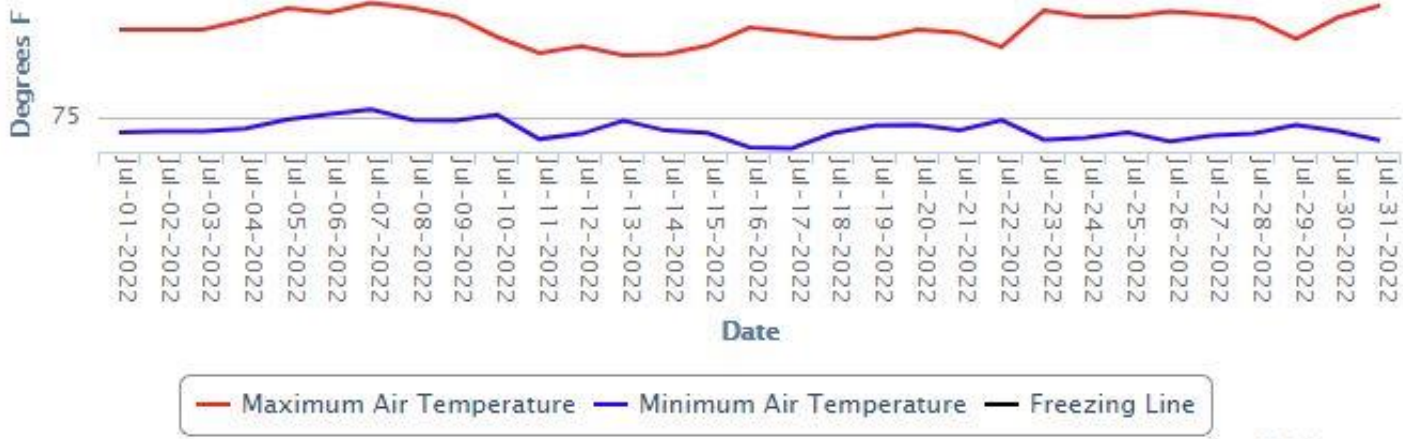
What do you call a man with no arms and no legs stuffed in your mailbox? Bill.

Somebody stole all my lamps. I couldn't be more de-lighted!



SIRP Weather

Maximum Temperature, Minimum Temperature



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.



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.

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