

AMB Weather

<https://ambweather.com>

770-415-5520

Welcome to the first AMB Weather Quarterly Newsletter. In this and subsequent newsletters, I will discuss the previous 3 months, a look at the upcoming weather for the next 3 months, and a schedule of upcoming events supported by AMB Weather (see the schedule to the right).

About...

My name is Kent McMullen and I am a retired National Weather Service (NWS) Meteorologist. After 33 ½ years of having served in Youngstown, OH, Bismarck, ND, and Peachtree City, GA I retired and started AMB Weather.

AMB Weather is a weather support service that provides forecast and onsite radar and current weather support for outdoor events. AMB Weather provides daily rainfall reports for specified trails systems for MTB Atlanta, a SORBA Chapter.

AMB Weather also develops weather policies and training for organizations that have outdoor events.



Upcoming Events

September 10-11

[GCA Race #1: Road Atlanta](#)

September 17

[Chain Buster Racing](#)

Jackrabbit Trails

September 24-25

[Georgia Cycling Association](#)

Allatoona Creek Park

October 8-9

[Georgia Cycling Association](#)

Dauset Trails

October 15

[Chain Buster Racing](#)

Talladega Shake and Brake

October 22-23

[Georgia Cycling Association](#)

Bartram Trails

October 29-30

[Georgia Cycling Association](#)

State Championship

Kingston Downs

November 5

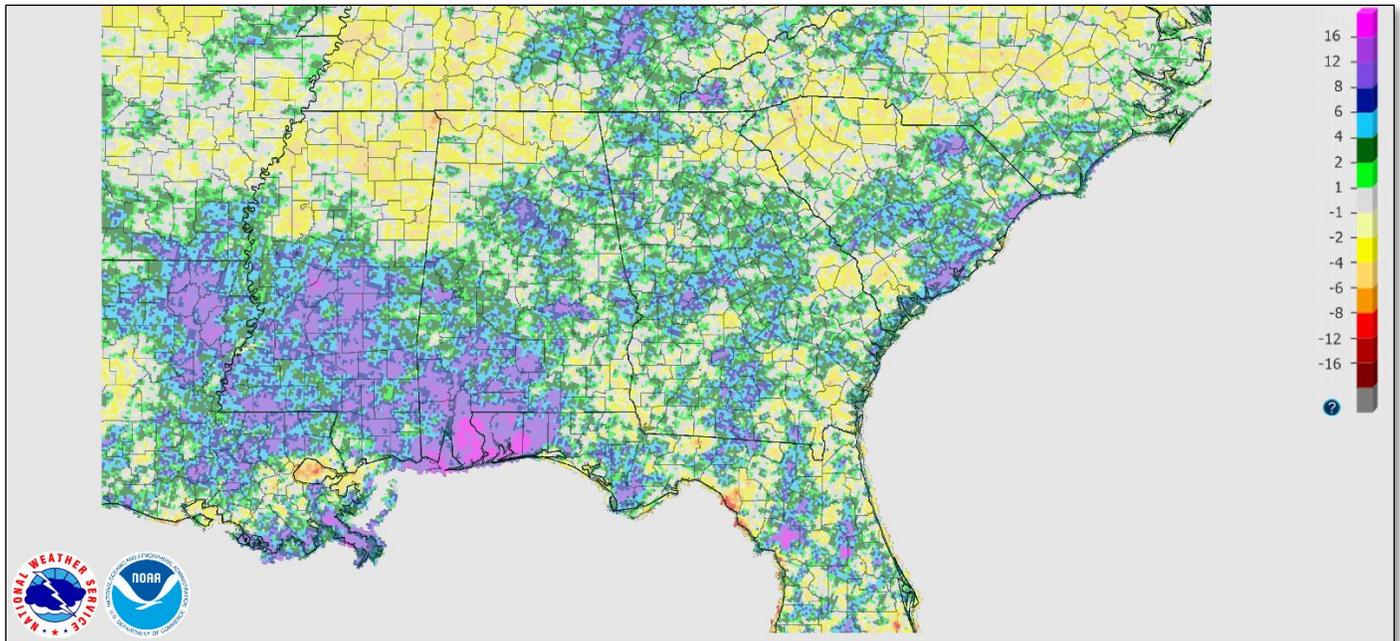
[Chain Buster Racing](#)

Paynes Creek

The Last 3 Months

June, July, and August were marked by high humidity resulting in high Heat Index values, as well as persistent thunderstorms that would drop more than 2.00" at any one place. The result was sporadic trail closures on MTB Atlanta's trails, as well as cancellations and/or delays to many Georgia Cycling Association (GCA) practices.

June, July, August Departure Rainfall departure Normal



Looking at the above image, everything in green, blue, and purple is above normal rainfall. This shows most of the southeast U.S. had above normal rainfall from June to August. This impacted several races and trail status changes across Georgia.

Highlights from Customers

Chain Buster Racing

"Being a mountain bike race promoter is difficult. From registration and course logistics to emergency response plans, there are a million little details. The thing that always panicked us the most was trying to figure out how to read a forecast leading up to an event. But once the race got started, we rarely looked at any kind of forecast unless we heard thunder rumbling. By then, it was usually too late.

Our friend, Kent McMullen with AMB Weather, has totally changed our weather panic. Beginning 5 days prior to our events, we begin getting weather reports that are easy to understand. Included in the reports are graphics, confidence levels in predicted weather reports, and when to expect the next update. It is game changing for us, but even better are our live updates on race day. Based on agreed upon parameters, we receive updates when storms breach our area. We can safely pull

riders before they are placed in danger, and we are told in enough time that we can pack sensitive electronics. This has literally saved us thousands of dollars. AMB Weather is our most trusted partner in the race production business.”
 - Jason Chandler, Chain Buster Racing

Georgia Cycling Association

AMB Weather provided remote radar support for two preride events and was on-site at two other preride events. The only preride event that had issues was the last event at Kingston Downs near Rome, GA. On Aug 20 scattered showers and thunderstorms were in the forecast, mainly in the afternoon. Fortunately, the thunderstorms waited until the very end of the race to move within 10 miles of the course. This shut down the event, but riders were already coming off the course as it was the end of the day.



AMB Weather has also been providing the teams of the Georgia Cycling Association with a weekly forecast for individual trails beginning in July. These forecasts give the predicted Weather Security Codes (set by AMB Weather and Georgia Cycling), for certain weather elements.

Below is a sample of a Trail Forecast for the teams in the northern area of Georgia Cycling...

Possible Weather Codes		AMB WEATHER		GEORGIA CYCLING ASSOCIATION		
North Georgia	Thu-Aug 25	Fri-Aug 26	Sat-Aug 27	Sun-Aug 28	Mon-Aug 29	
Weather Hazard	⚡🔥🌧️	⚡🔥🌧️	⚡🔥🌧️	⚡🔥🌧️	⚡🔥🌧️	
Berry College	🟡	🟡	🟡	🟡	🟡	⚡ Thunderstorms
Kingston Downs	🟡	🟡	🟡	🟡	🟡	🔥 Heat Index
Pinhoti Trails	🟡	🟡	🟡	🟡	🟡	🌪️ Tropical Storm
Jake and Bull Mountain	🟡	🟡	🟡	🟡	🟡	🌧️ Heavy Rain
Stanley Gap/Green Mtn	🟡	🟡	🟡	🟡	🟡	
Fightingtown Creek	🟡	🟡	🟡	🟡	🟡	
Yonah Preserve	🟡	🟡	🟡	🟡	🟡	
Payne's Creek	🟡	🟡	🟡	🟡	🟡	
Chicopee	🟡	🟡	🟡	🟡	🟡	
Road Atlanta	🟡	🟡	🟡	🟡	🟡	

Weather Code	Green	No Delays	Orange	Delays/Cancellation Likely
Definitions	Yellow	Delays/Cancellation Possible	Red	Cancellation Expected

SPONSORED BY

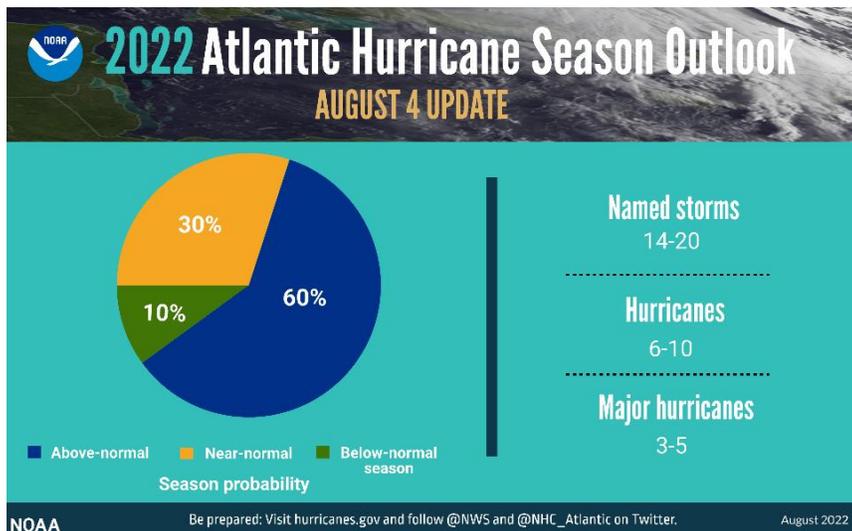
[MTB Atlanta \(SORBA Chapter\)](#)

"AMB Weather has been invaluable to our mission at MTB Atlanta. We are able to support our trails and extend the open hours of our trail network with timely weather support from AMB. 1000's of cyclists across Georgia are enjoying our trails with AMB's help."

-Chris Doane, President MTB Atlanta

September, October, and November Outlook

The outlook from the [Climate Prediction Center](#) is calling for near normal precipitation and above normal temperatures. This is getting the southeast U.S. back to a more normal weather pattern versus the above normal rainfall we have seen over the past month. However, as we approach the peak of hurricane season, we will be keeping an eye on the tropics for future development.



The [National Hurricane Center](#) continues to call for an above normal number of tropical systems (see image above). As of this writing, we are starting to see increased activity in the Atlantic. Hurricane season runs from June to November and peaks in September.

Current Forecasts



Contact Info

Meteorologist
Kent McMullen

Webpage
<https://ambweather.com>

Email
ambweather@gmail.com

Phone
770-415-5520

