

AMB Weather

About...

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.

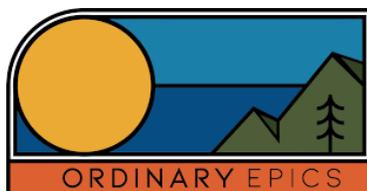
Current Forecasts



MTB ATLANTA
30 Years of Digging Trails



Chainbuster



Upcoming Events for December through February

Dec 3

[Chain Buster Racing](#)
Assault on Currahee Mountain

Jan 7

[Ordinary Epics](#)
OMB – Oxford, MS

Jan 21

[Ordinary Epics](#)
Camp Shelby – Beaumont, MS

Jan 28

[Chain Buster Racing](#)
The Gobbler

Feb 4

[Ordinary Epics](#)
Rockcrusher – Ackerman, MS

Feb 18

[Ordinary Epics](#)
Bentoniah – Bentoniah, MS

February 25

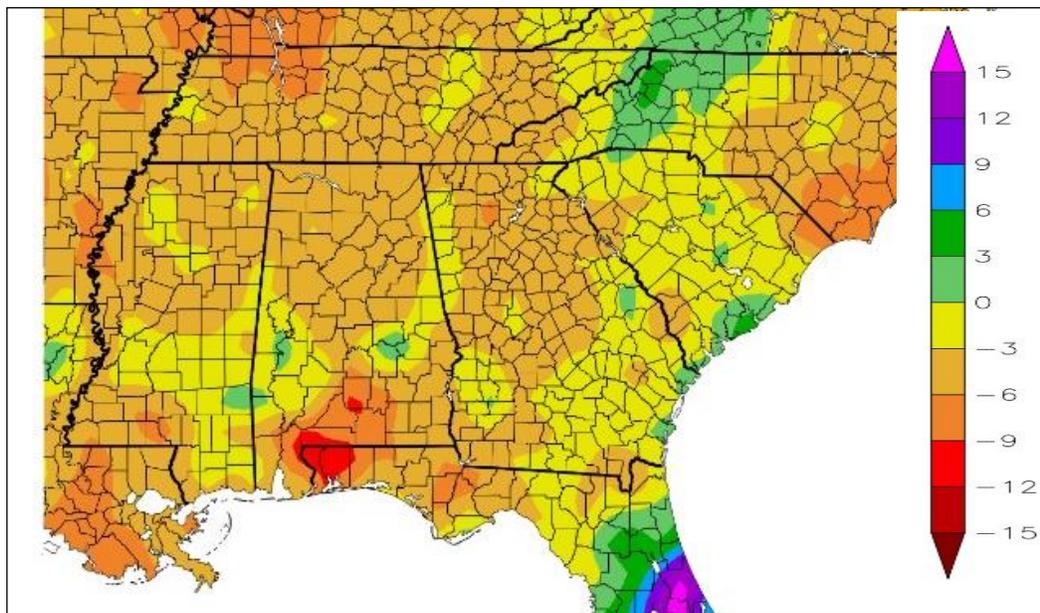
[Chain Buster Racing](#)
Oak Mountain



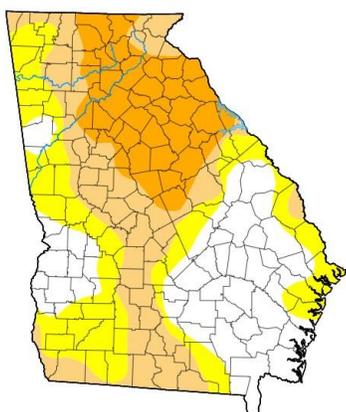
The Last 3 Months of Weather

After an unusually wet summer, September, October and November were marked by abnormally dry conditions across much of the southeast United States. This has led to drought conditions across much of Georgia, some locations seeing severe drought conditions ([U.S. Drought Monitor](#)).

September, October and November Rainfall Departure Normal ([SERCC](#))



Drought Conditions as of November 23, 2022 ([U.S. Drought Monitor](#))



Intensity

-  None
-  D0 (Abnormally Dry)
-  D1 (Moderate Drought)
-  D2 (Severe Drought)
-  D3 (Extreme Drought)
-  D4 (Exceptional Drought)
-  No Data

Due to the drought conditions across Georgia, we have been able to raise the Trail Closing Thresholds for all of the MTB Atlanta trails. This has allowed for more mountain biking days.

Highlights from September to November

Chain Buster Racing

The last race of the Southeast Endurance Series for [Chain Buster](#) was the Battle for Paynes Creek in Hartwell, GA. AMB Weather's forecast for race day was cloudy with a 50% chance of light showers, total rainfall, if any rain fell, would be less than 0.10". With drought conditions persisting over this area, this amount of rain would have helped the trails. I was told by Jason and Dawn Chandler that some had called them the night before the race and said their weather app (don't know which one) was calling for a 60% chance of rain and that they needed to cancel the race. The Chandler's responded by saying AMB Weather was forecasting a 50% chance of showers and light rainfall amounts...and that the race would go on. While Paynes Creek received a few sprinkles that day, no measurable rain fell until after the race had ended.

RACE DAY: SATURDAY, 5 Nov 2022													
BATTLE FOR PAYNES CREEK													
HARTWELL, GA													
Forecast Issued: 11/4/2022 7:10 AM													
	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	Noon	1 PM	2 PM	3 PM	4 PM	5 PM
Sky & Weather													
Temp	60	60	59	62	64	68	72	74	75	75	76	75	74
Wind	E 3	E 3	E 3	E 3	E 5	SE 6	SE 7	SE 8	SE 8	SE 8	SE 8	SE 8	SE 8
Feels Like													
% Precip	20	20	20	20	30	30	30	30	40	40	40	50	50
% T storm	0	0	0	0	0	0	0	0	0	0	0	0	0
Rain Amount	0.07												
Potential Hazard													
Color Code	No Hazards			Hazards Possible				Hazards Likely			Hazards Expected		

Georgia Cycling Association



AMB Weather provided forecasts and on-site support for the five [Georgia Cycling Association](#) (GCA) races in September and October. The first race, which was on September 10 and 11, was to be held at Road Atlanta in Braselton, GA. The forecast at the beginning of the week was calling for 2 to 4" of rain on race weekend. This led to [GCA](#) moving the venue for their first race to Bartram Trails in Milledgeville, GA. While Milledgeville was expected to receive around 2" of rain, the trails at Bartram could handle 2" of rain while the trails at Road Atlanta could not handle any rainfall over 0.50". The decision made by

[GCA](#), due to the forecast issued by AMB Weather, allowed the race to go on. Had the race stayed at Road Atlanta, the race would have been canceled.

[An Impromptu Forecast in Moab, UT](#)

Between the [GCA](#) races, I was able to go to [Outerbike](#)'s demo event in Moab, UT as a customer, not a vendor. My only reason for being there was to demo some bikes and ride some of the awesome trails in Moab, UT. However, the weather decided to modify my reason for being there. The night before the event started, I was told a [microburst](#) did significant damage to several of the vendors tents.

vendors tents.

The next day, while I was waiting for lunch, I noticed that a line of storms that had been stationary about 30 miles north of the [Outerbike](#) venue had started to move south toward the venue. As the storms got closer, a dust cloud started appearing and moving toward the venue. Knowing that this was a strong [outflow](#) from the thunderstorms, I went over to the merchandise desk and alerted



them that high winds would be moving over the venue in the next 10-15 minutes. After talking with Outerbike the next day, my alert apparently "helped them a lot."

I estimated the wind speeds were 30 to 40 MPH as the thunderstorm [outflow](#) moved across the venue.



AMB Weather's Other Job

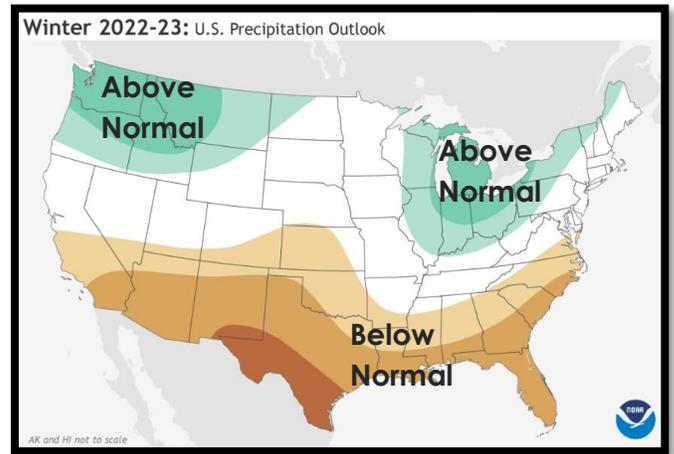
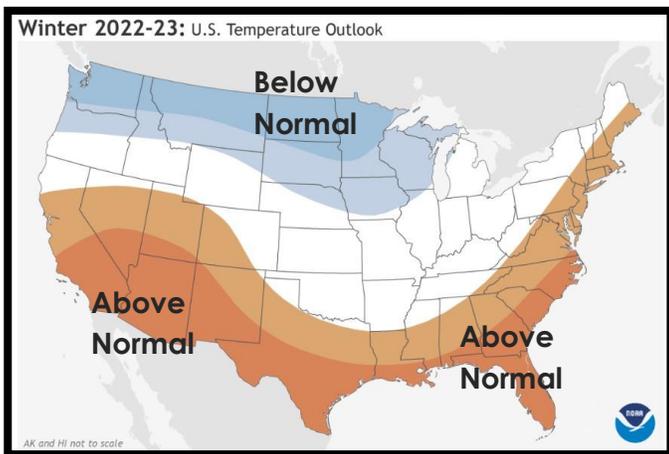


While weather is my main focus at the [Georgia Cycling Association](#) races, it is not my only job. I usually arrive the Wednesday before the race and start marking the infield course. On Thursday, I work with the Course Marking Team in marking the trails for the race. This also involved doing the "Ghost Rides". The Ghost Rides, ridden the morning of the race before and during sunrise, were to ensure that all signs and taping were still in place.



December, January and February Outlook

The [National Weather Service](#) has released its [Winter Weather Forecast](#). For the southern and much of the east coast of the United States, the forecast is calling for a warmer than normal and drier than normal winter, while the northern and parts of the northeast United States will see a cooler and wetter than normal winter.



This will also affect the drought conditions across much of the country. For Georgia (see the graphic to the right), the drought is expected to persist (brown), and those areas not in a drought will likely see a drought develop (yellow).

