

#5

# Top 5 GA Events of 2019



## #5 April 19 Heavy Rain/Flooding



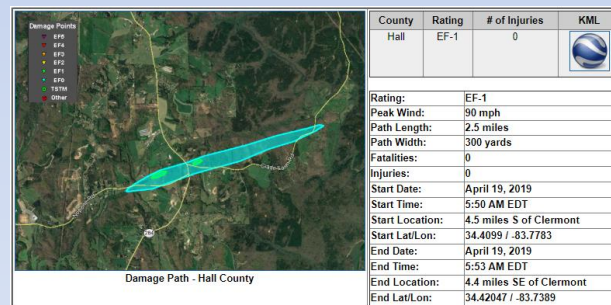
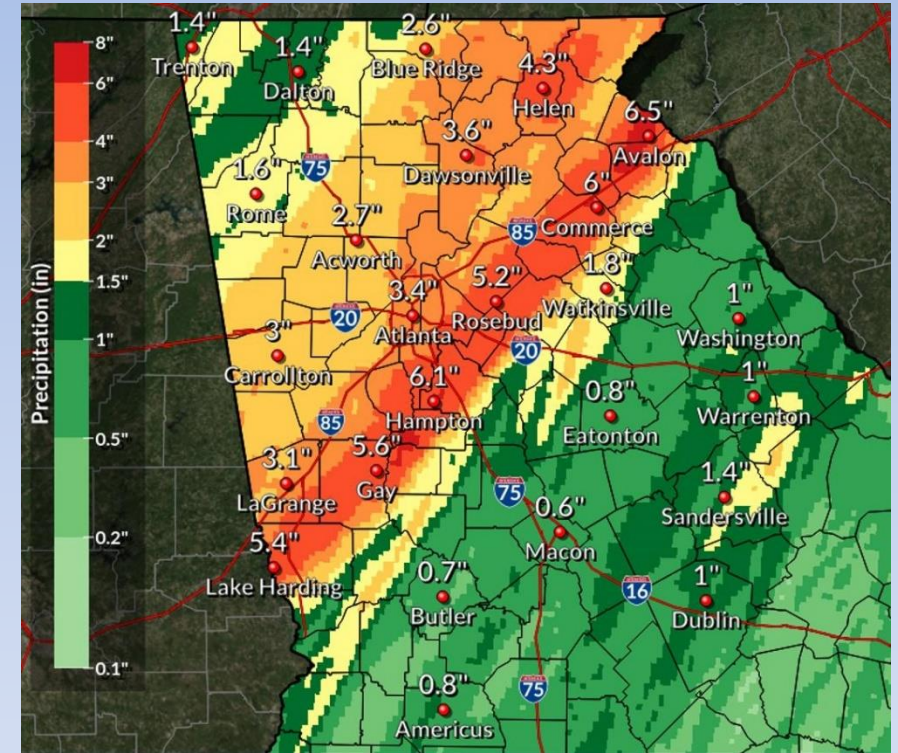
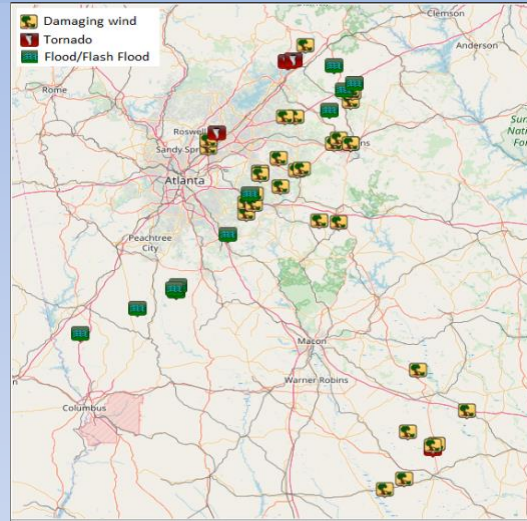
5" - 7" rain fell across a band that extended from Lagrange NE through Commerce



3 Tornadoes occurred in addition to the heavy rainfall



Last heavy rainfall event before the May Heat Wave



The steeple was toppled from this church

Numerous trees were snapped or uprooted by the tornado



**#4**



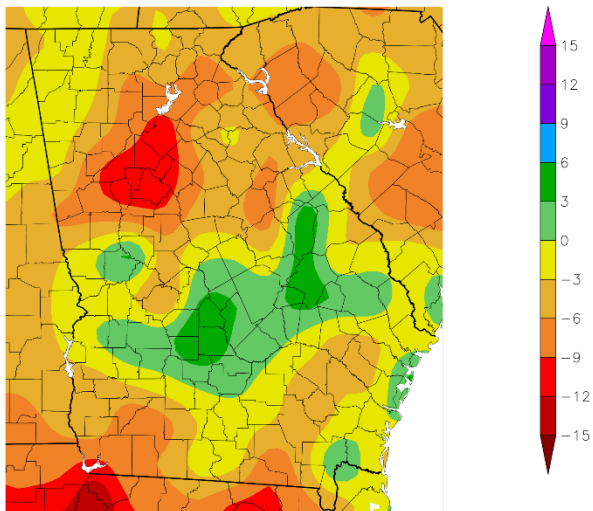
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## #4 Fall Flash Drought

16% of the state - D3  
84 % of the State - D2+

Water restrictions enacted in  
several counties

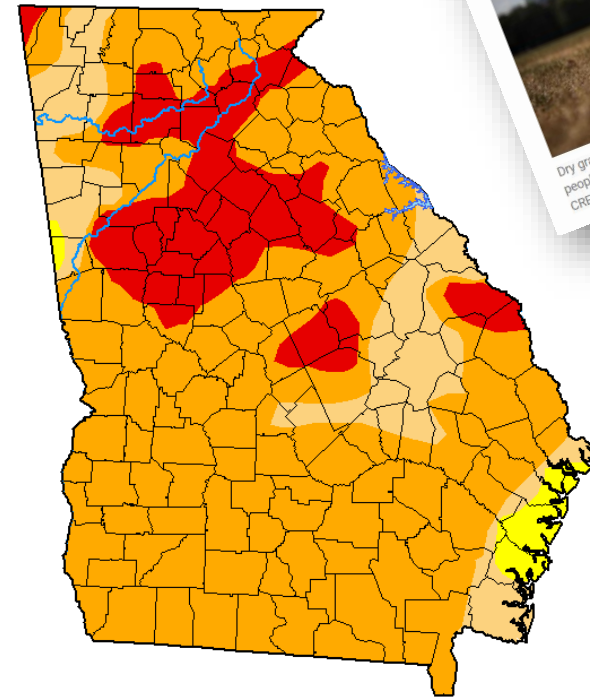
Departure from Normal Precipitation (in)  
7/1/2019 - 12/8/2019



2.06" – July  
1.89" – Aug  
0.76" – Sept



### U.S. Drought Monitor Georgia



	7/1-16	7/16-22	7/22-28	7/28-8/3	8/3-9	8/9-15	8/15-21	8/21-27	8/27-9/2	8/2-8
Start of Calendar Year 01-01-2019	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start of Water Year 10-01-2019	0.00	100.00	61.58	28.35	4.49	0.00				
One Year Ago 10-16-2018	76.18	23.82	3.58	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. See accompanying text summary for forecast statements.

#### Author:

Richard Heim  
NCEI/NOAA



droughtmonitor.unl.edu

#3

# Top 5 GA Events of 2019



## #3 Heat



- 98 ° degrees in October *\*All time Oct record*
- 2<sup>nd</sup> Warmest Fall on Record (67.8 °)
- 1<sup>st</sup> – Warmest year on record (so far)
- 80 ° on Feb 7,2019 – only 3 times on record



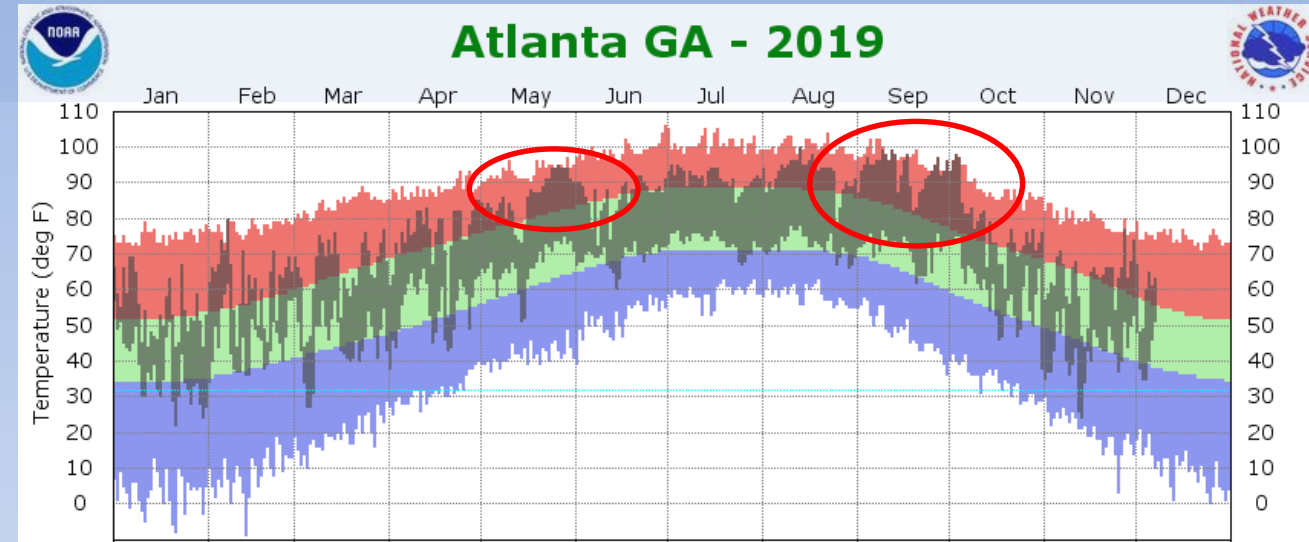
- 23 Days above 90 °
- 16 Days  $\geq 95^\circ$
- Avg high 93.2 ° >11 ° above average
- 9/10 days Sept 25<sup>th</sup> – Oct 4<sup>th</sup> set Hi Temp Records



- 100 ° on Aug 13 (only 83 total times on record for 100 °), 10<sup>th</sup> since 2007
- Last time - 6/25/2016, 7/1,5/2012



- 21 High Temp Records tied/broken this year (ATL).
- 10 – Sept
- 4 - Oct



#2



# Top 5 GA Events of 2019



## #2 Hurricane Dorian



State of Emergency  
Declared for Coastal  
Counties, evacuation  
orders for 6 counties



GA SOC Activated

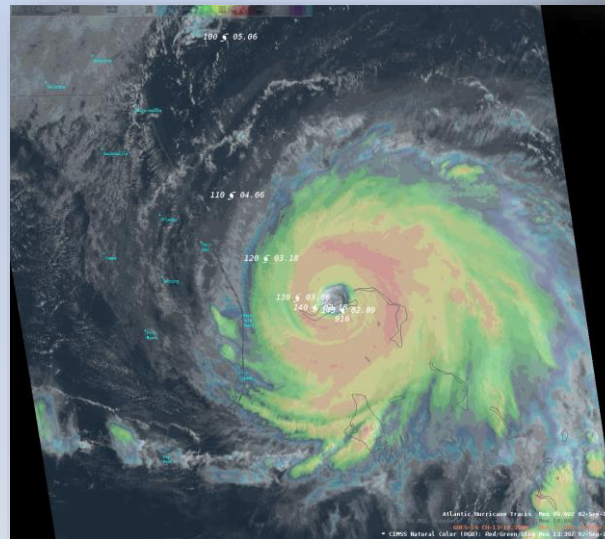
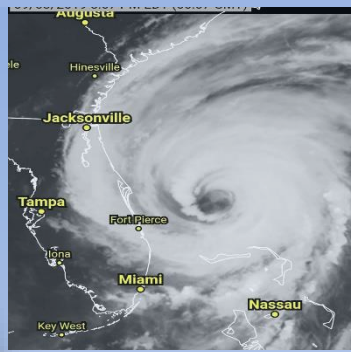


GA largely spared despite the  
storm intensifying to Cat 3 off  
the GA coast

'Thank goodness we  
were spared.' Dorian  
leaves minor damage  
along Georgia coast



FEMA/HS Provides Information on  
Hurricane Dorian Response





**#1**

# Top 5 GA Events of 2019



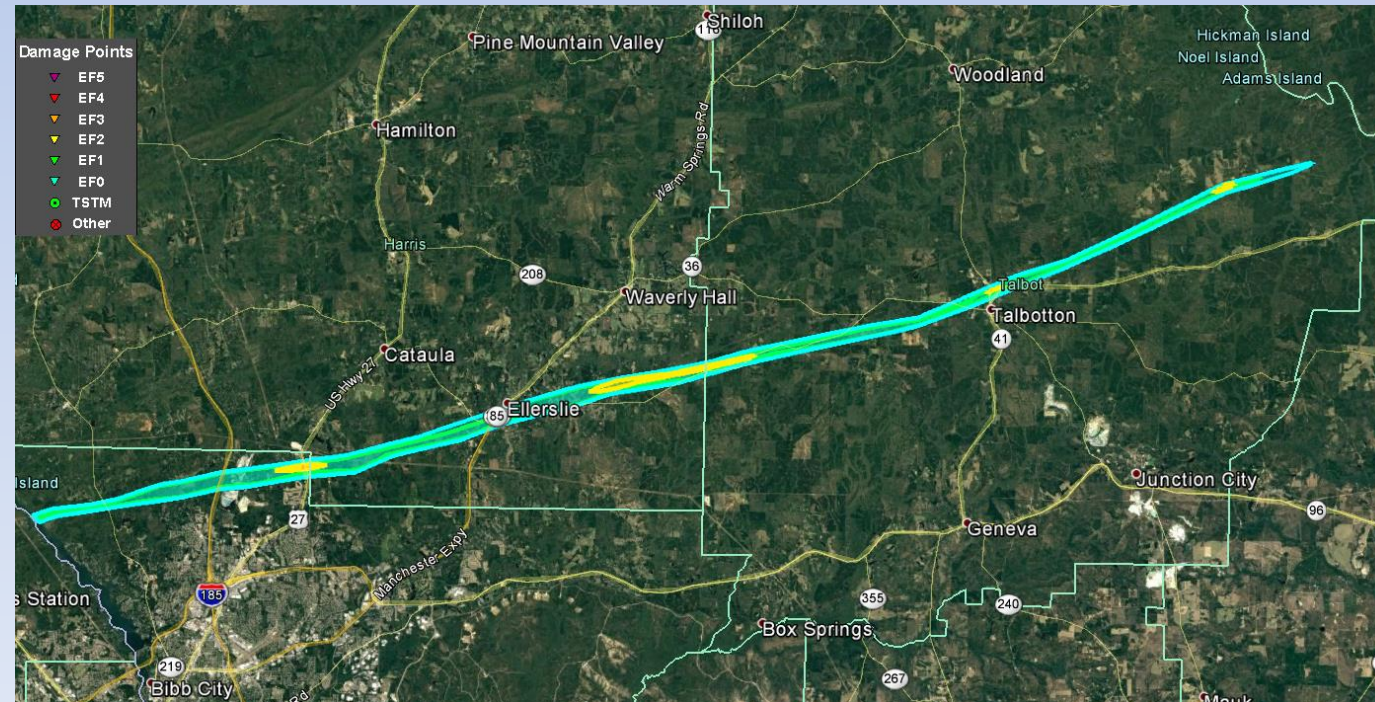
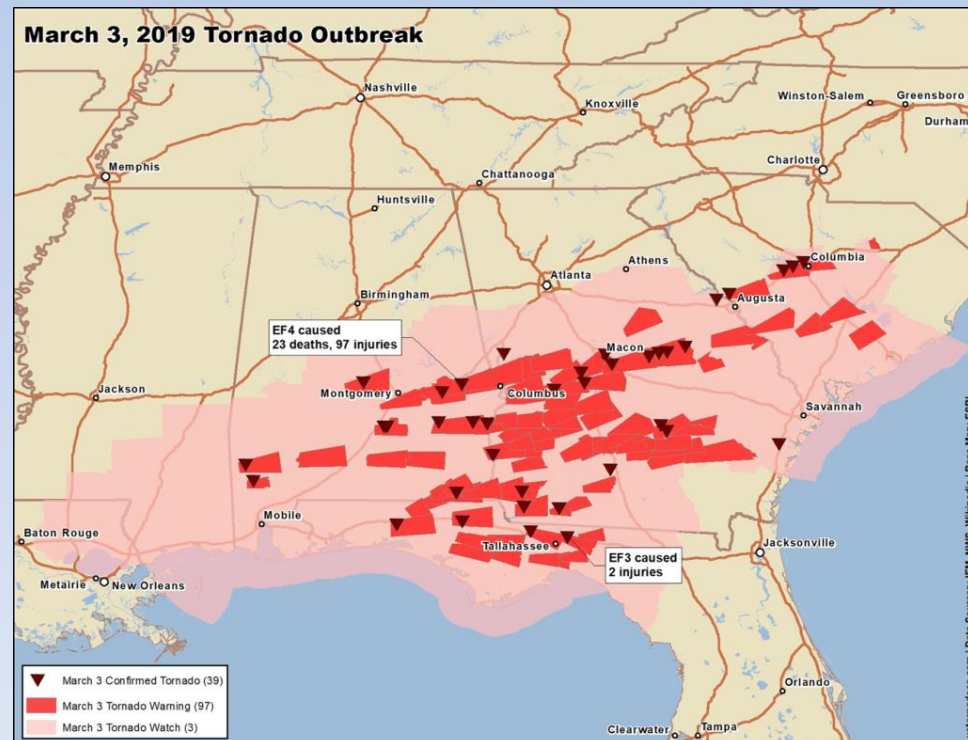
## #1 – March 3 Tornadoes



### Deadliest Tornado of 2019



42 miles long (GA)  
140 MPH winds  
EF-3 - Talbotton





# Timeline of events (Sunday, March 3)...

~11:25 AM EST

Tornado Watch issued  
by SPC



**Tornado Watch # 8 - Valid from 1125 AM until 700 PM CST**

NOAA/NWS Storm Prediction Center Updated: 20190303/2015 UTC

Hazard	Tornadoes	EF2+ Tornadoes	Severe Wind	65 kt+ Wind	Severe Hail	2"+ Hail
Likelihood	High	Moderate	High	Low	Low	Low

Note: Click for Watch Status Reports.

WOUS64 KWS 031720  
WOU8

BULLETIN - IMMEDIATE BROADCAST REQUESTED  
TORNADO WATCH OUTLINE UPDATE FOR WT 8  
NWS STORM PREDICTION CENTER NORMAN OK  
1125 AM CST SUN MAR 3 2019

TORNADO WATCH 8 IS IN EFFECT UNTIL 700 PM CST FOR THE FOLLOWING LOCATIONS

~1:24 PM

First Tornado  
issued by

190 total storm reports  
across 4 states!





# TIMELINE OF EVENTS

When Tornadoes Were on the Ground



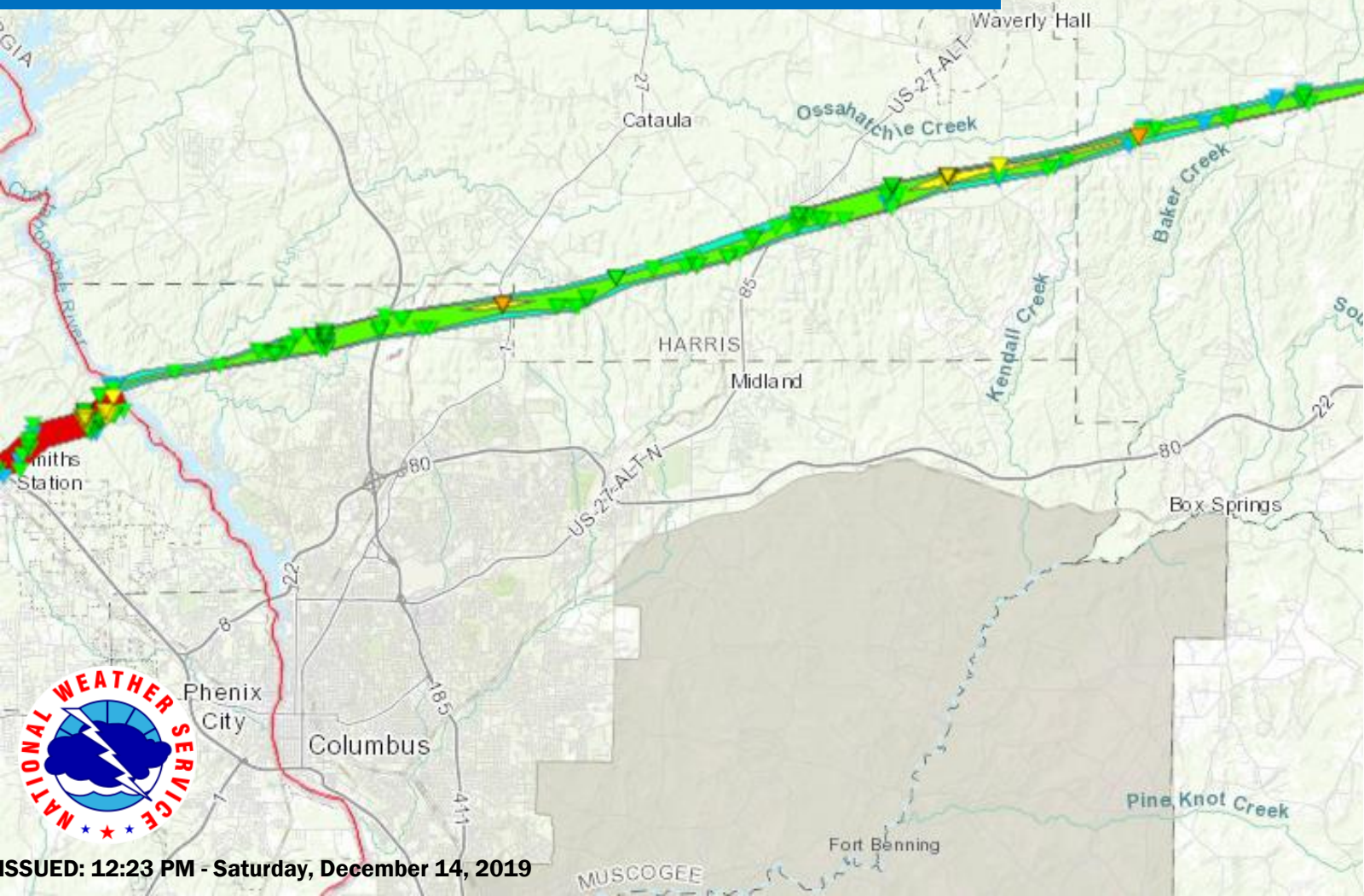




NATIONAL WEATHER SERVICE  
OCEANIC AND ATMOSPHERIC ADMINISTRATION



# Preliminary Damage Survey Results



Damage Points	
▼	EF5
▼	EF4
▼	EF3
▼	EF2
▼	EF1
▼	EF0
●	TSTM
⊗	Other

## Ellerslie/Talbotton Tornado (Georgia Survey)

Date	3/03/2019
Time (Local)	3:29 PM - 4:16 PM
EF Rating	EF-3
Est. Peak Winds	140 MPH
Path Length	42.0 Miles
Max Width	750 Yards
Injuries/Deaths	7 Injuries / 0 Deaths



ISSUED: 12:23 PM - Saturday, December 14, 2019



# Muscogee-Harris-Talbot EF<sub>3</sub> (tornado rated EF-4 in Lee County AL)

