



Sometimes you instinctively know when to stop. Tornado producing supercell south of Seymour, Texas. Join us live: <a href="http://www.patreon.com/danielshaw">http://www.patreon.com/danielshaw</a>



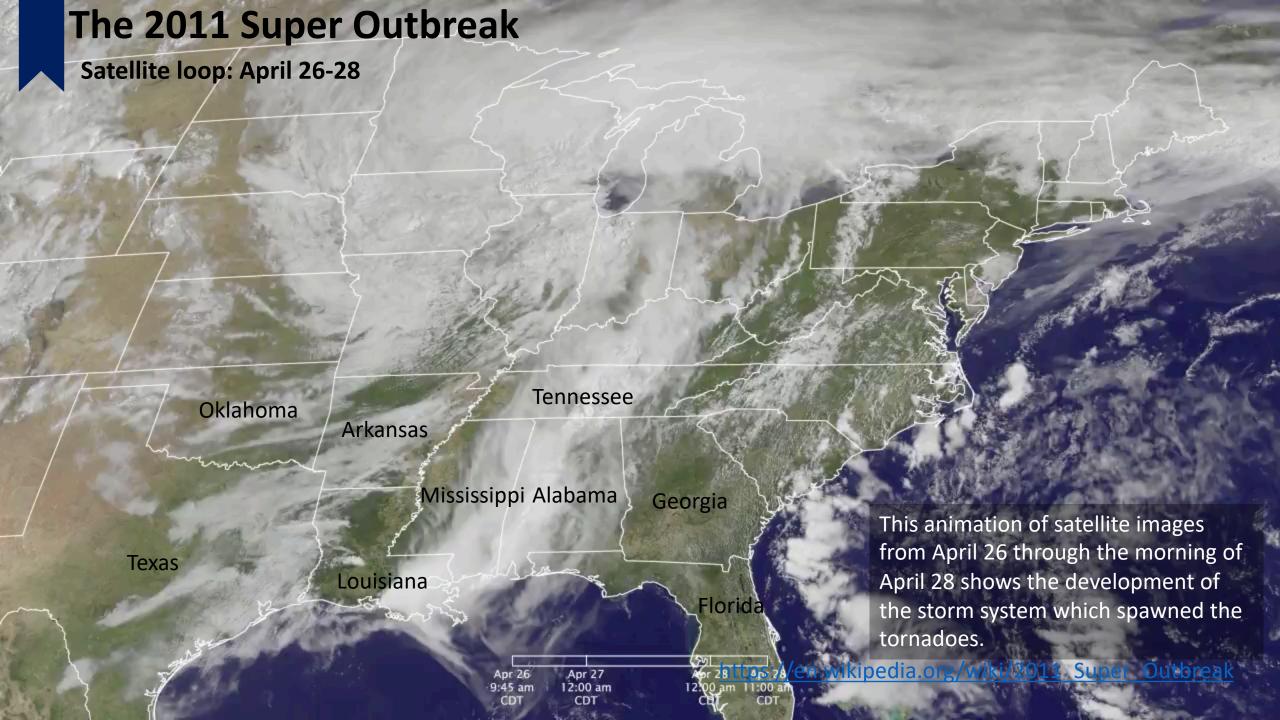
Supercell in Texas May 1, 2019

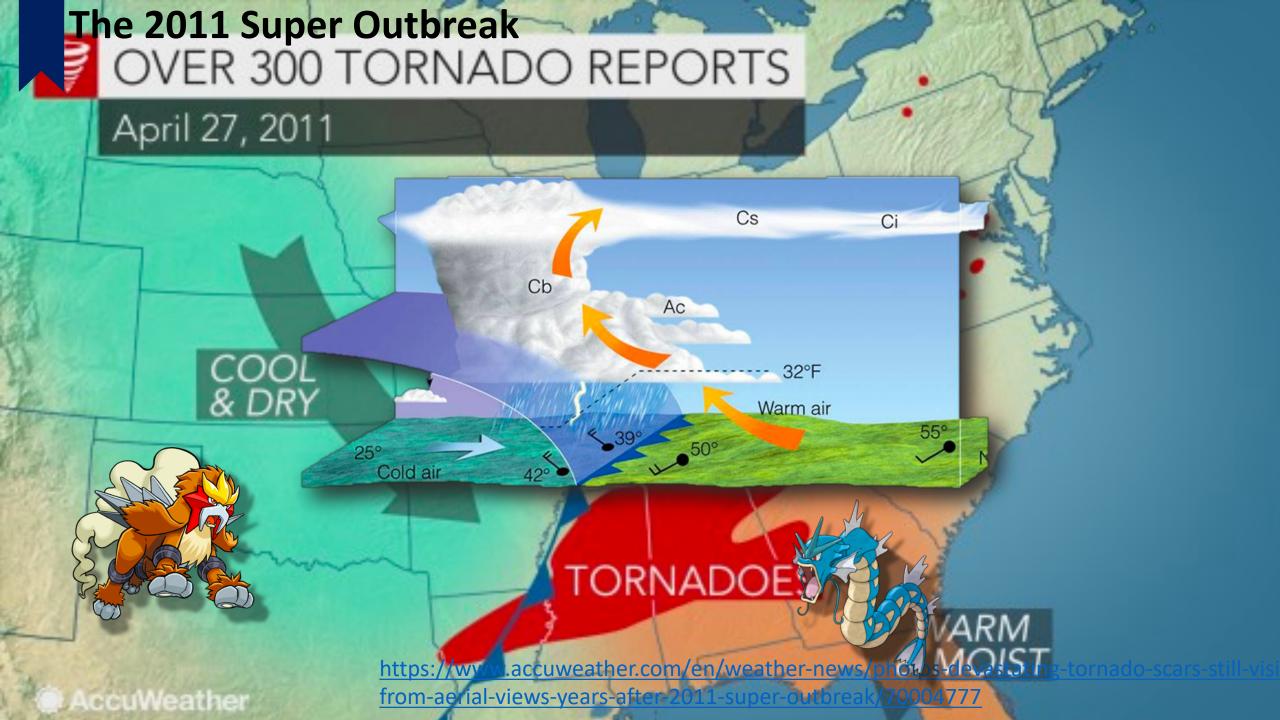
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#### Daniel ShawVerified account @DanielShawAU

View of the Seymour Texas tornado from the direct west in the edge of the RFD. At this distance you can hear the swirling rain

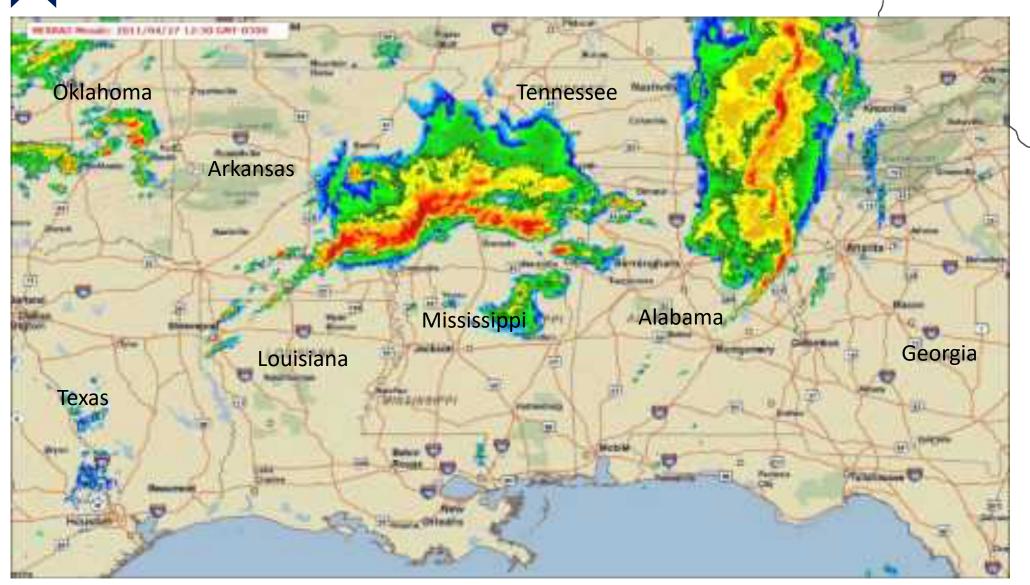


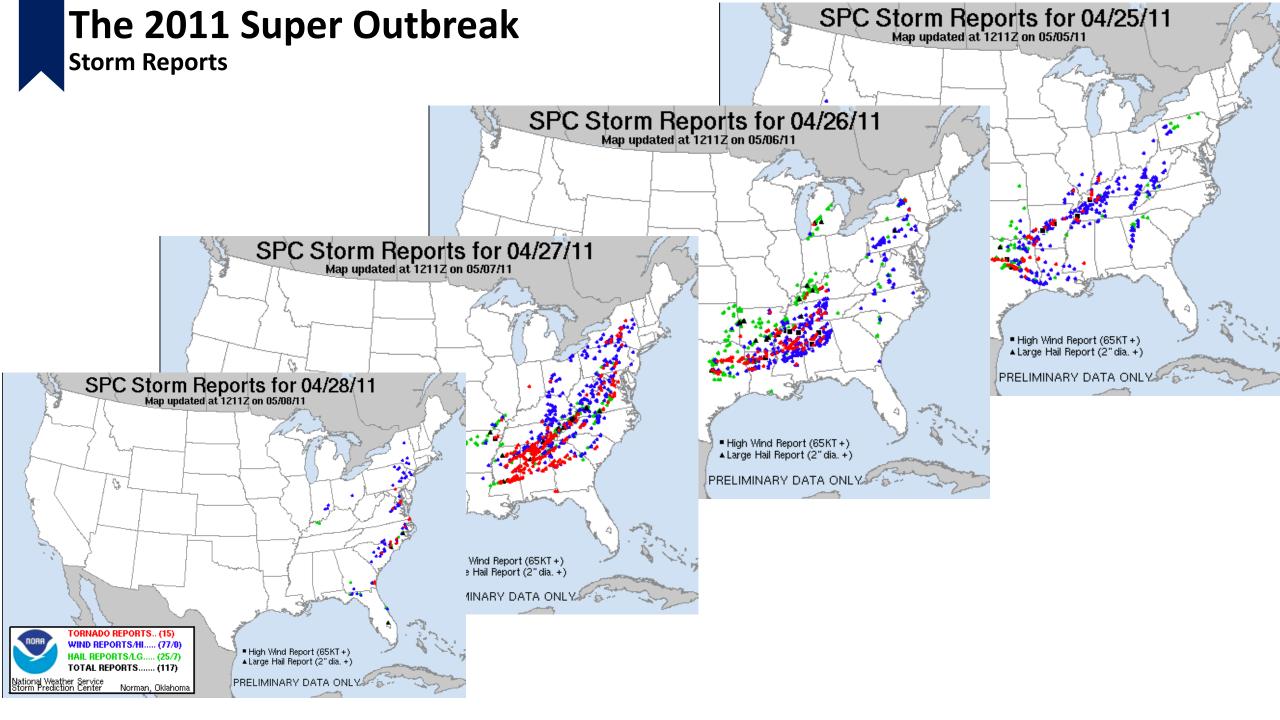




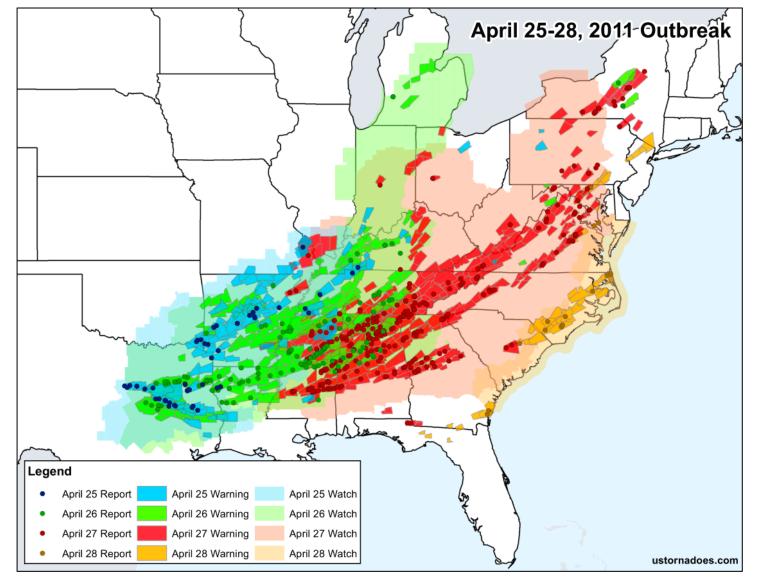
### The 2011 Super Outbreak

Radar loop: April 26-28





# The 2011 Super Outbreak Summary



Duration: April 25–28, 2011

- Most prolific tornado outbreak
  - 360 tornados, 216 on April 27 alone
- **2**<sup>rd</sup> deadliest US tornado outbreak
- Costliest on record for a tornado outbreak
- Hardest hit states were Alabama,
   Tennessee, Mississippi









360

Tornados Confirmed 324 +3100

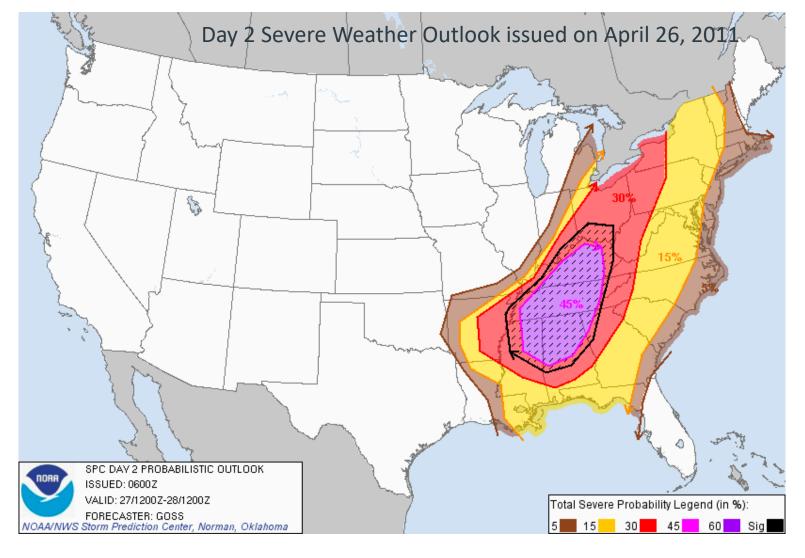
Death Injuries

~\$12 billion

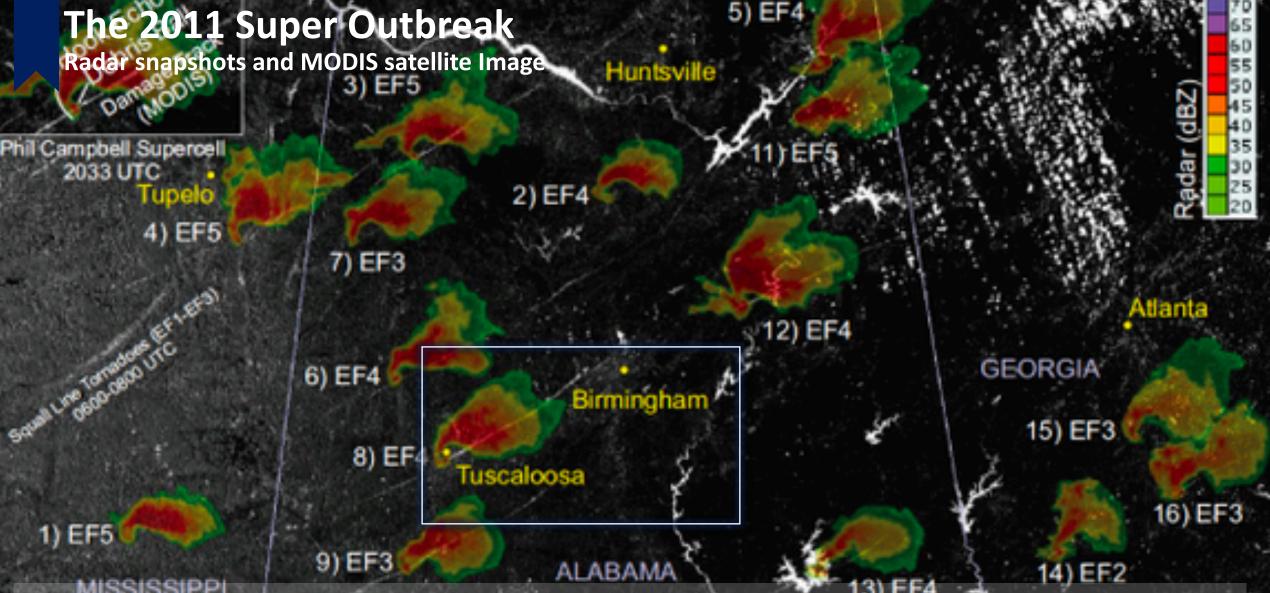
Cost

## The 2011 Super Outbreak

### **Storm Reports**



Overall, the event was very well predicted

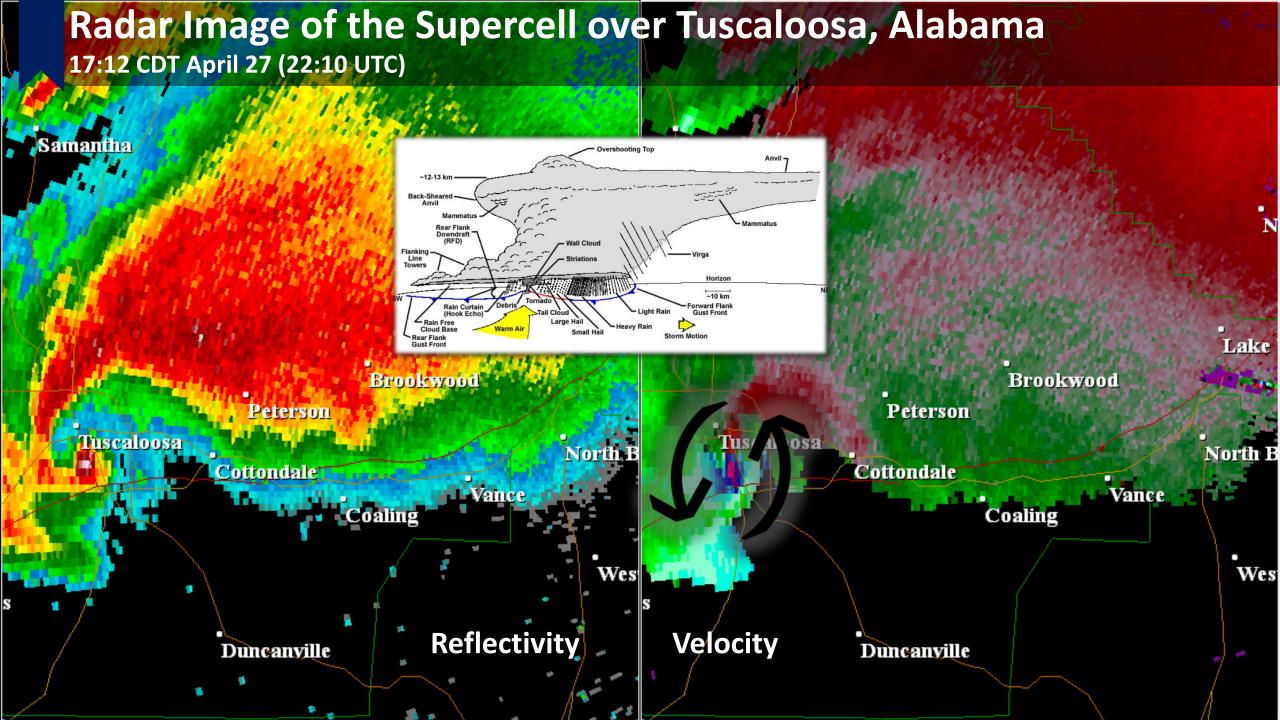


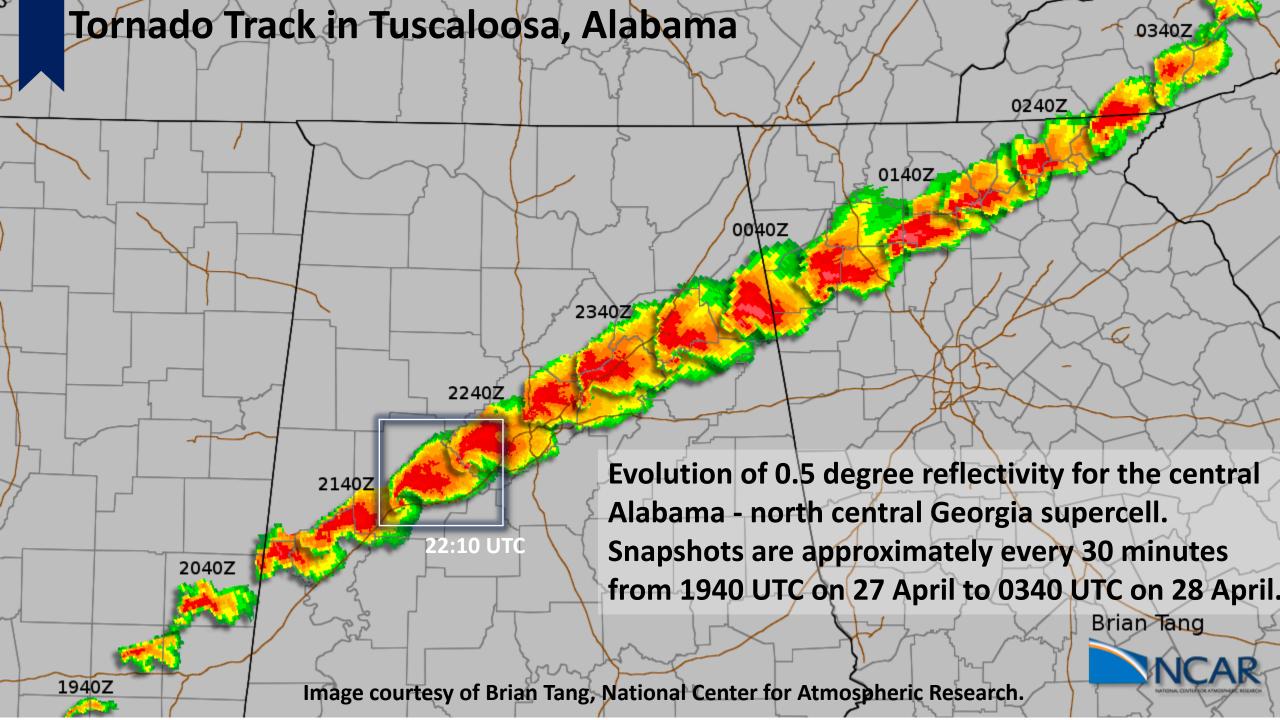
The MODIS Band 1 difference image above shows some of the scars left behind by the April 27, 2011 tornado outbreak. Radar snapshots were taken from various times to identify the supercell thunderstorms associated with each track. Reproduced from Molthan et al. 2011.

40) EEA

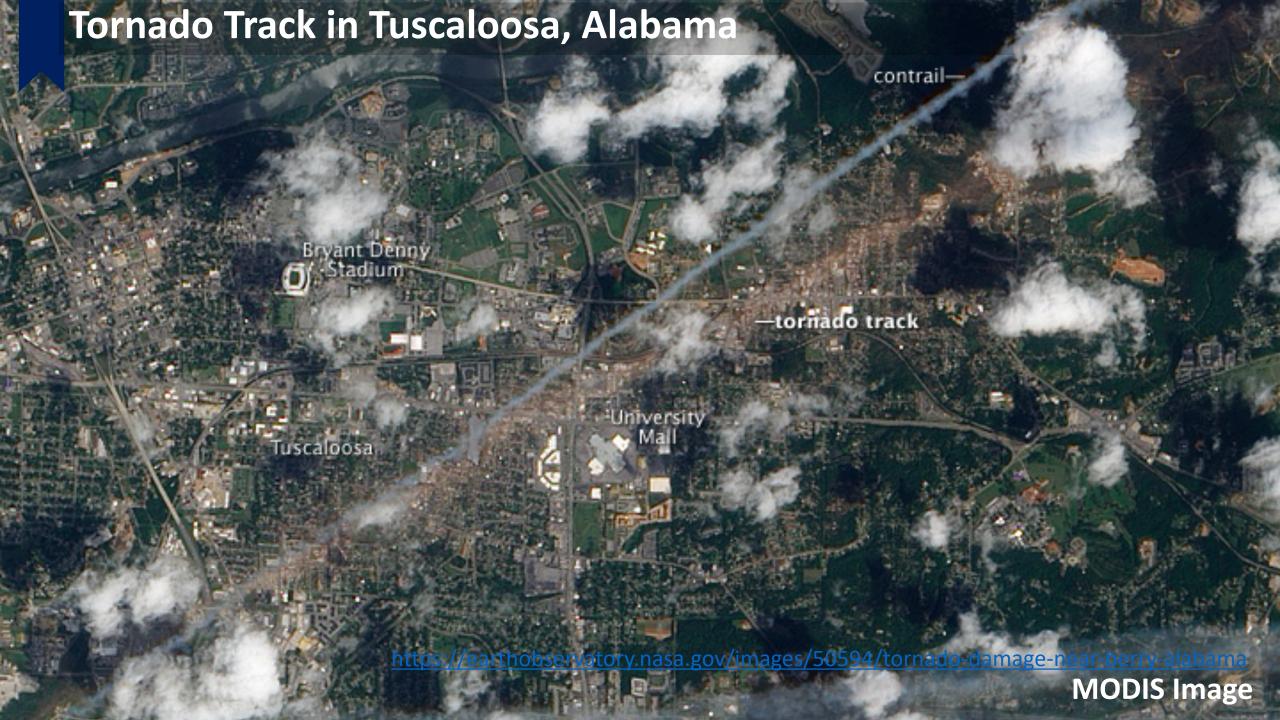
# Tears Through Tuscaloosa April 27, 2011











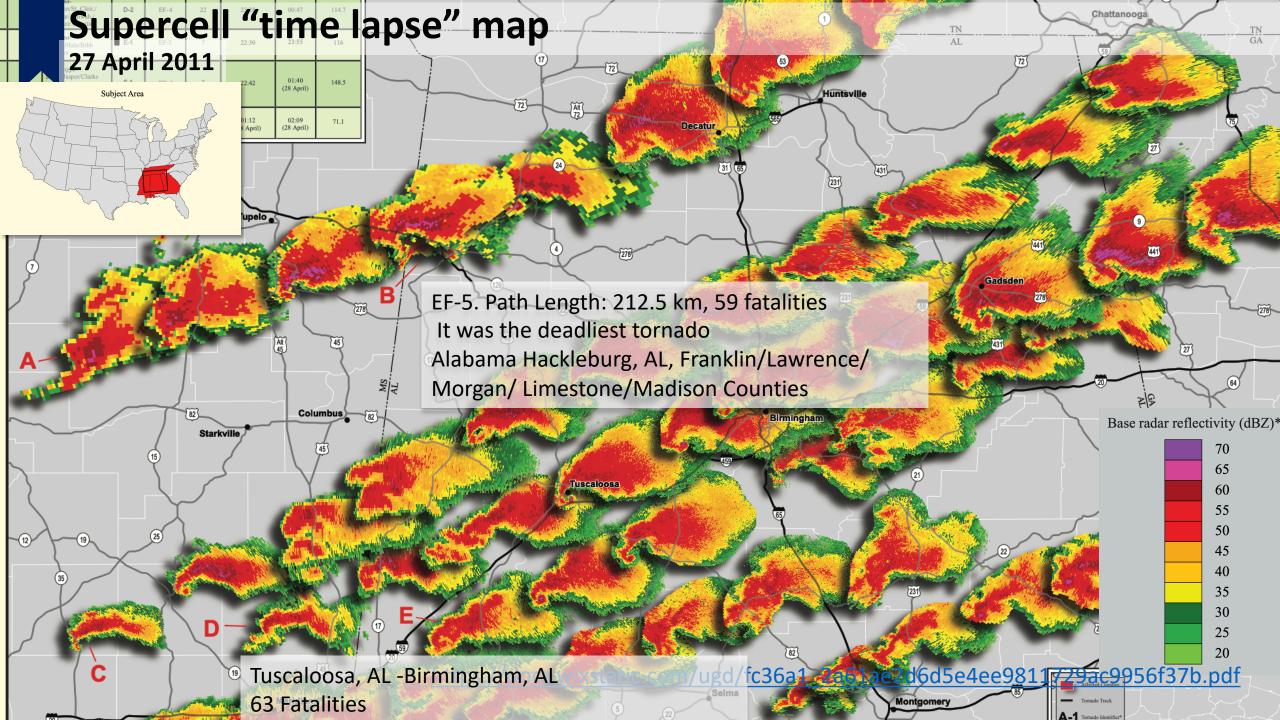




## ATMS 103

## Thank You

Storm of the Week



# The 2011 Super Outbreak Storm Reports

### Daily statistics<sup>[71]</sup>

Date +	Total +	EFO ÷	EF1 ÷	EF2 ÷	EF3 ÷	EF4 ÷	EF5 ÷	Deaths -	Injuries +
April 26	55	31	19	4	1	0	0	0	4
April 28	47	18	23	5	1	0	0	3	51
April 25	42	17	20	4	1	0	0	4	59
April 27	216	68*	78	36	19	11	4	317	2,986+
Total	360	134*	140	49	22	11	4	324	3,100+

https://en.wikipedia.org/wiki/List\_of\_tornadoes\_in\_the\_2011\_Super\_Outbreak