

## Storm Data and Unusual Weather Phenomena - July 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALABAMA, Central</b>				
<b>RUSSELL COUNTY --- 2.4 WSW OSWICHEE [32.27, -85.04]</b>				
	07/03/18 19:42 CST	0		Thunderstorm Wind (EG 50 kt)
	07/03/18 19:43 CST	0		Source: Public
Several trees uprooted along Highway 18.				
<b>ST. CLAIR COUNTY --- 0.4 W CROPWELL [33.55, -86.28]</b>				
	07/04/18 01:35 CST	0		Thunderstorm Wind (EG 50 kt)
	07/04/18 01:36 CST	0		Source: Broadcast Media
Several trees uprooted including a tree on a house.				
<b>ST. CLAIR COUNTY --- 2.2 ESE PARSONS [33.62, -86.49]</b>				
	07/04/18 02:07 CST	0		Thunderstorm Wind (EG 50 kt)
	07/04/18 02:08 CST	0		Source: Public
Several trees uprooted along Hunter Ridge Drive.				
<b>A weak upper level impulse propagated westward across Central Alabama within a deep easterly flow pattern over the Southeast States. A line of thunderstorms moved out of Georgia into east Alabama producing isolated wind damage.</b>				
<b>TUSCALOOSA COUNTY --- 0.7 NNW ROSEDALE [33.21, -87.57], 0.6 SE VETERANS HOSPITAL [33.17, -87.57], 2.3 SW BOX SPGS [33.18, -87.51], 1.4 E RIVER VIEW [33.22, -87.53]</b>				
	07/06/18 16:30 CST	0		Flash Flood (due to Heavy Rain)
	07/06/18 18:45 CST	0		Source: Emergency Manager
Numerous streets flooded and impassable around the city of Tuscaloosa along with several submerged vehicles.				
<b>A line of slow moving line of thunderstorms produced locally heavy rainfall and flash flooding across the city of Tuscaloosa. Rainfall reports averaged 2-4 inches.</b>				
<b>JEFFERSON COUNTY --- 0.6 SSW HOPKINS [33.47, -87.09], 1.8 NNW VIRGINIA [33.42, -87.06], 0.7 WSW DOLOMITE [33.45, -86.99], 1.6 NNW CONCORD [33.49, -87.04]</b>				
	07/16/18 10:55 CST	0		Flash Flood (due to Heavy Rain)
	07/16/18 12:30 CST	0		Source: Trained Spotter
Flooding reported along Old Rock Creek Road and in the city of Hueytown.				
<b>WALKER COUNTY --- 2.1 NW JASPER [33.85, -87.31], 1.3 E MC CULLUM [33.82, -87.31], 2.4 ESE JASPER [33.81, -87.24], 1.7 SE JASPER WALKER CO ARP [33.85, -87.25]</b>				
	07/16/18 19:30 CST	0		Flash Flood (due to Heavy Rain)
	07/16/18 22:00 CST	0		Source: Law Enforcement
Police reported several roads flooded and impassable with a few vehicles totally submerged.				
<b>A slow moving complex of thunderstorms tracking west to east across Central Alabama produced locally heavy rainfall and flash flooding in Jefferson and Walker Counties.</b>				
<b>CLEBURNE COUNTY --- 0.6 W HOLLIS XRDS [33.52, -85.64]</b>				
	07/21/18 15:15 CST	0		Hail (3.00 in)
	07/21/18 15:17 CST	0		Source: Trained Spotter
Tea Cup sized hail reported in the Hollis Crossroads Community.				
<b>CLAY COUNTY --- 5.0 NE DELTA [33.49, -85.65]</b>				
	07/21/18 15:22 CST	0		Hail (2.50 in)
	07/21/18 15:24 CST	0		Source: Public
Tennis ball sized hail reported in far northeast Clay County.				

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<b>CLEBURNE COUNTY --- EDWARDSVILLE [33.70, -85.52]</b>				
	07/21/18 15:30 CST	0		Hail (2.00 in)
	07/21/18 15:32 CST	0		Source: Public
<b>CLEBURNE COUNTY --- 3.4 E OAK LEVEL [33.85, -85.42]</b>				
	07/21/18 15:32 CST	0		Hail (1.00 in)
	07/21/18 15:34 CST	0		Source: Public
Large hail covering the ground.				
<b>RANDOLPH COUNTY --- 1.1 W WOODLAND [33.37, -85.40]</b>				
	07/21/18 15:48 CST	0		Hail (1.00 in)
	07/21/18 15:50 CST	0		Source: Public
Quarter sized hail reported near the town of Woodland.				
<b>RANDOLPH COUNTY --- 1.4 WNW WEDOWEE [33.31, -85.49]</b>				
	07/21/18 15:48 CST	0		Hail (1.75 in)
	07/21/18 15:50 CST	0		Source: Broadcast Media
Golf ball sized hail reported near the town of Wedowee.				
<b>RANDOLPH COUNTY --- 2.4 WSW WHITE [33.19, -85.37]</b>				
	07/21/18 16:10 CST	0		Hail (1.00 in)
	07/21/18 16:12 CST	0		Source: Public
<b>RANDOLPH COUNTY --- 3.3 SSE PINE TUCKEY [33.43, -85.49]</b>				
	07/21/18 16:25 CST	0		Hail (2.75 in)
	07/21/18 16:27 CST	0		Source: Emergency Manager
Baseball sized hail reported near the Morrison Crossroads Community.				
<b>LEE COUNTY --- 3.0 NNE CHEWACLA [32.66, -85.30]</b>				
	07/21/18 16:35 CST	0		Hail (1.50 in)
	07/21/18 16:37 CST	0		Source: Public
Golf ball sized hail reported east of the town of Opelika.				
<b>LEE COUNTY --- 0.1 S OPELIKA [32.65, -85.37], 3.4 NE MITCHELL XRD [32.57, -85.36]</b>				
	07/21/18 16:43 CST	0		Tornado (EF0, L: 5.73 mi , W: 500 yd)
	07/21/18 17:01 CST	0		Source: NWS Storm Survey
National Weather Service meteorologists surveyed damage in central Lee County and determined that it was consistent with an EF0 tornado, with maximum sustained winds near 85 mph. The tornado touched down in the city of Opelika near the intersection of South 3rd Street and Avenue D. The tornado tracked south and snapped or uprooted many trees before crossing Interstate 85. It then shifted towards the southeast as it crossed Chewacla Road, where it continued to snap or uproot trees. The tornado shifted back to a southerly track and crossed Highway 69 and Royal Drive. It then took a southwest track before lifting near Stringfellow Road.				
<b>RUSSELL COUNTY --- 1.9 ENE CRAWFORD [32.46, -85.15]</b>				
	07/21/18 17:14 CST	0		Thunderstorm Wind (EG 50 kt)
	07/21/18 17:16 CST	0		Source: Public
Several trees uprooted along Highway 80 east of the town of Crawford.				
<b>RUSSELL COUNTY --- 1.2 W LADONIA [32.47, -85.09]</b>				
	07/21/18 17:20 CST	0		Hail (1.75 in)
	07/21/18 17:22 CST	0		Source: Trained Spotter
Golf ball sized hail and winds estimated near 60 mph in the town of Ladonia.				

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RUSSELL COUNTY --- 2.7 NW NUCKOLS [32.36, -85.10]	07/21/18 17:28 CST		0	Hail (1.75 in)
	07/21/18 17:30 CST		0	Source: Public

Golf ball sized hail reported along Highway 431 near the Fireworks Outlet.

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RUSSELL COUNTY --- 4.2 NE SANDFORT [32.38, -85.18]	07/21/18 17:28 CST		0	Hail (1.00 in)
	07/21/18 17:30 CST		0	Source: Trained Spotter

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RUSSELL COUNTY --- 4.5 SSE CRAWFORD [32.39, -85.15]	07/21/18 17:52 CST		0	Thunderstorm Wind (EG 50 kt)
	07/21/18 17:53 CST		0	Source: Public

Several trees uprooted near Kirkland Road.

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LOWNDES COUNTY --- 1.2 E DAVENPORT [32.13, -86.48]	07/22/18 12:05 CST		0	Hail (3.50 in)
	07/22/18 12:07 CST		0	Source: Public

Large hail ranging in size from 1 inch to 3.5 inches near the town of Letohatchee.

**A unseasonably cold core upper low was centered over the Ohio Valley States. Northwest flow aloft pushed several fast moving short wave troughs through East Alabama on July 21st and July 22nd. The combination of cold air aloft and moist low levels of the atmosphere produced very unstable conditions across east Alabama with CAPE values 4000-5000 J/kg each afternoon.**

### ALABAMA, North

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LAWRENCE COUNTY --- 1.8 NNE LEMON HILL [34.75, -87.41]	07/04/18 19:15 CST		0	Thunderstorm Wind (EG 52 kt)
	07/04/18 19:15 CST		0	Source: Emergency Manager

Trees and power lines were knocked down at the intersection of AL Highways 101 and 184 north of Town Creek.

**A thunderstorm produced localized wind damage in Lawrence County.**

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(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z005) LIMESTONE, (AL-Z006) MADISON, (AL-Z007) MORGAN	07/12/18 12:00 CST		0	Heat
	07/12/18 16:00 CST		0	

Temperatures reached the middle to upper 90s with dew points in the lower to middle 70s. This produced Heat Index values of around 105 degrees for a few hours on the afternoon of the 12th.

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(AL-Z001) LAUDERDALE, (AL-Z002) COLBERT, (AL-Z003) FRANKLIN, (AL-Z004) LAWRENCE, (AL-Z005) LIMESTONE, (AL-Z006) MADISON	07/13/18 10:00 CST		0	Heat
	07/13/18 18:00 CST		0	

Heat index values reached 105 degrees in northwest Alabama during the afternoon of the 13th.

### ALABAMA, Southeast

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HOUSTON COUNTY --- ASHFORD [31.18, -85.23]	07/03/18 19:54 CST		0	Thunderstorm Wind (EG 50 kt)
	07/03/18 19:54 CST		0	Source: 911 Call Center

A tree was blown down in Ashford.

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<p>Scattered to numerous showers and thunderstorms occurred across the area. As is typical with summer storms in this part of the country, some of the storms were marginally severe with impacts to trees and power lines.</p>				
<b>GENEVA COUNTY --- 2.1 S COFFEE SPRINGS [31.13, -85.91]</b>				
	07/07/18 13:33 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/07/18 13:33 CST		0	Source: Utility Company
<p>Strong winds blew a tree onto power lines near Bobby Jones Road and Long Branch road, resulting in a power outage.</p>				
<b>GENEVA COUNTY --- 1.9 ENE DUNDEE [31.13, -85.64]</b>				
	07/07/18 13:42 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/07/18 13:42 CST		0	Source: Utility Company
<p>Strong winds blew a tree onto power lines near Lewis and Airport roads, resulting in a power outage.</p>				
<b>GENEVA COUNTY --- 2.2 SSE SAMSON [31.08, -86.03]</b>				
	07/07/18 13:52 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/07/18 13:52 CST		0	Source: Utility Company
<p>Strong winds blew a tree onto power lines near Chase and Hornsby roads, resulting in a power outage.</p>				
<p>Scattered to numerous showers and thunderstorms occurred across the area. As is typical with summer storms in this part of the country, some of the storms were marginally severe with impacts to trees and power lines.</p>				
<b>HOUSTON COUNTY --- 1.2 W COLUMBIA [31.29, -85.13]</b>				
	07/21/18 09:35 CST		0	Thunderstorm Wind (EG 50 kt)
	07/21/18 09:35 CST		0	Source: 911 Call Center
<p>A tree was blown down just west of Columbia.</p>				
<b>COFFEE COUNTY --- 0.6 W ENTERPRISE [31.32, -85.85], ENTERPRISE [31.32, -85.84]</b>				
	07/21/18 23:45 CST		0	Thunderstorm Wind (EG 50 kt)
	07/21/18 23:50 CST		0	Source: Law Enforcement
<p>Several trees were blown down in the Enterprise area.</p>				
<b>GENEVA COUNTY --- 0.7 N LIGHT [31.15, -85.49]</b>				
	07/22/18 00:48 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/22/18 00:48 CST		0	Source: Utility Company
<p>A tree blew down and resulted in a power outage along Opal Road.</p>				
<b>HOUSTON COUNTY --- 2.4 SSW TAYLOR [31.13, -85.48]</b>				
	07/22/18 00:50 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/22/18 00:50 CST		0	Source: Utility Company
<p>A tree blew down and resulted in a power outage along W Cook Road.</p>				
<b>COFFEE COUNTY --- ELBA [31.41, -86.07]</b>				
	07/22/18 12:40 CST		0	Thunderstorm Wind (EG 50 kt)
	07/22/18 12:40 CST		0	Source: Law Enforcement
<p>A few trees were blown down.</p>				
<b>COFFEE COUNTY --- 0.6 E ARCUS [31.51, -85.96]</b>				
	07/22/18 12:52 CST		0	Thunderstorm Wind (EG 50 kt)
	07/22/18 12:52 CST		0	Source: Emergency Manager
<p>A tree was blown down and blocked both lanes near County Road 232 and 230.</p>				
<b>COFFEE COUNTY --- ARCUS [31.51, -85.97]</b>				

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	07/22/18 12:52 CST		0	Thunderstorm Wind (EG 50 kt)
	07/22/18 12:52 CST		0	Source: Emergency Manager

A tree was blown down in the road and blocked both lanes near the intersection of Highway 125 and County Road 221.

### COFFEE COUNTY --- 0.9 NW FRISCO [31.60, -85.87]

07/22/18 12:53 CST	0	Thunderstorm Wind (EG 50 kt)
07/22/18 12:53 CST	0	Source: Emergency Manager

A tree was blown down and blocked both lanes of County Road 110 near County Road 107.

### COFFEE COUNTY --- 0.7 W TABERNACLE [31.45, -85.87]

07/22/18 12:54 CST	0	Hail (0.75 in)
07/22/18 12:54 CST	0	Source: Emergency Manager

Penny size hail was reported on Highway 51 near Tabernacle.

### COFFEE COUNTY --- 1.4 WNW EANON [31.52, -85.88]

07/22/18 12:54 CST	2K	Thunderstorm Wind (EG 50 kt)
07/22/18 12:54 CST	0	Source: Emergency Manager

A tree was blown down onto power lines and blocked the road near the intersection of County Roads 114 and 138.

### COFFEE COUNTY --- 0.6 W ENTERPRISE [31.32, -85.85], ENTERPRISE [31.32, -85.84]

07/22/18 13:10 CST	2K	Thunderstorm Wind (EG 50 kt)
07/22/18 13:10 CST	0	Source: Broadcast Media

Several trees were blown down with power outages in Enterprise.

### DALE COUNTY --- ROCKY HEAD [31.56, -85.76], ECHO [31.47, -85.45]

07/22/18 13:10 CST	0	Thunderstorm Wind (EG 55 kt)
07/22/18 13:35 CST	0	Source: 911 Call Center

Numerous trees were blown down across Dale county.

### DALE COUNTY --- OZARK [31.44, -85.64]

07/22/18 13:12 CST	0	Hail (1.00 in)
07/22/18 13:12 CST	0	Source: Public

### DALE COUNTY --- 2.2 NW OZARK [31.46, -85.67]

07/22/18 13:14 CST	0	Hail (1.00 in)
07/22/18 13:14 CST	0	Source: Public

### GENEVA COUNTY --- 3.7 SSW GANER [31.03, -86.11]

07/22/18 13:35 CST	0	Thunderstorm Wind (EG 50 kt)
07/22/18 13:35 CST	0	Source: 911 Call Center

A tree was blown down across Highway 153.

### GENEVA COUNTY --- 4.2 S GANER [31.02, -86.09]

07/22/18 13:35 CST	2K	Thunderstorm Wind (EG 50 kt)
07/22/18 13:35 CST	0	Source: Utility Company

A tree was blown down and resulted in a power outage along Alford Road.

### GENEVA COUNTY --- 1.5 NNE HENDRIX CROSSROAD [31.14, -85.70]

07/22/18 13:40 CST	2K	Thunderstorm Wind (EG 50 kt)
07/22/18 13:40 CST	0	Source: Utility Company

A tree was blown down along Macedonia Road and resulted in a power outage.

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<b>HENRY COUNTY --- ABBEVILLE [31.56, -85.25]</b>				
	07/22/18 13:45 CST		5K	Thunderstorm Wind (EG 55 kt)
	07/22/18 13:45 CST		0	Source: Law Enforcement
Numerous trees and power lines were blown down in the Abbeville area.				
<b>GENEVA COUNTY --- 0.7 S SLOCOMB [31.09, -85.59]</b>				
	07/22/18 13:50 CST		2K	Thunderstorm Wind (EG 50 kt)
	07/22/18 13:50 CST		0	Source: Utility Company
A tree was blown down and resulted in a power outage along Davis Mill Road.				
<b>HOUSTON COUNTY --- 2.2 NNW MADRID [31.06, -85.40]</b>				
	07/22/18 14:00 CST		0	Thunderstorm Wind (EG 50 kt)
	07/22/18 14:00 CST		0	Source: Public
Trees were blown down north of Madrid.				
<b>HOUSTON COUNTY --- 1.8 SW REHOBETH [31.11, -85.45]</b>				
	07/22/18 14:06 CST		0	Thunderstorm Wind (EG 50 kt)
	07/22/18 14:06 CST		0	Source: Public
Trees were blown down south of Rehobeth.				
<b>HOUSTON COUNTY --- 0.6 E HODGESVILLE [31.08, -85.36]</b>				
	07/22/18 14:12 CST		0	Thunderstorm Wind (EG 50 kt)
	07/22/18 14:12 CST		0	Source: County Official
Trees were blown down near Hodgesville.				
<p>Scattered to numerous showers and thunderstorms occurred across the area. This was an unusual, well organized severe weather event given the time of year. The threat for some type of severe weather during the July 21-22 period was well advertised by the models a few days in advance, although the exact times of day that would be affected varied from run to run. A special 18z KTAE sounding from July 22 revealed SBCAPE around 4500 j/kg with 0-6 km shear of 34 knots, which is unusually high for summer. Some mid-level dry air also contributed to a favorable environment for damaging wind. The end result was numerous reports of severe weather across the region.</p>				
<b>HENRY COUNTY --- 2.1 S HEADLAND [31.32, -85.34]</b>				
	07/28/18 14:15 CST		0	Thunderstorm Wind (EG 50 kt)
	07/28/18 14:15 CST		0	Source: Law Enforcement
Two trees were blown down along County Road 55.				
<p>Scattered to numerous showers and thunderstorms occurred across the area. As is typical with summer storms in this part of the country, some of the storms were marginally severe with impacts to trees and power lines.</p>				
<b>ALABAMA, Southwest</b>				
<b>CLARKE COUNTY --- WHATLEY [31.65, -87.70]</b>				
	07/07/18 15:23 CST		2K	Lightning
	07/07/18 15:23 CST		0	Source: Emergency Manager
Lightning struck a storage building causing a fire.				
<b>Thunderstorms produced heavy rain and lightning in southwest Alabama.</b>				
<b>CLARKE COUNTY --- TALLAHATTA SPGS [31.90, -87.82]</b>				
	07/22/18 11:15 CST		0	Hail (1.00 in)
	07/22/18 11:17 CST		0	Source: Emergency Manager

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<b>CLARKE COUNTY --- 0.6 E CHILTON [31.78, -87.84]</b>				
	07/22/18 11:30 CST	0		Hail (1.50 in)
	07/22/18 11:32 CST	0		Source: Broadcast Media
Public and social media reported quarter to ping pong ball sized hail north of Grove Hill.				
<b>COVINGTON COUNTY --- 0.9 NE HEATH [31.36, -86.46]</b>				
	07/22/18 12:13 CST	0		Hail (2.75 in)
	07/22/18 12:15 CST	0		Source: Public
Video from social media showed that baseball size hail was falling and covering the ground.				
<b>COVINGTON COUNTY --- 0.7 N HAYGOOD [31.39, -86.42]</b>				
	07/22/18 12:15 CST	0		Hail (1.75 in)
	07/22/18 12:17 CST	0		Source: Public
Golf ball size hail covered the ground in the Straughn area. Hail fog was observed.				
<b>COVINGTON COUNTY --- 1.2 W ANDALUSIA OPP ARPT [31.32, -86.40]</b>				
	07/22/18 12:20 CST	0		Hail (4.00 in)
	07/22/18 12:22 CST	0		Source: Public
A hailstone at least the size of a softball was observed near Samford, AL. This is the largest hailstone recorded in the NWS Mobile County Warning area. Records date back to 1950.				
<b>COVINGTON COUNTY --- 2.3 SE HEATH [31.33, -86.44]</b>				
	07/22/18 12:20 CST	0		Hail (2.00 in)
	07/22/18 12:22 CST	0		Source: Public
Two inch (hen egg) hail was observed just east of Andalusia.				
<b>COVINGTON COUNTY --- 1.8 NE ANDALUSIA [31.32, -86.46]</b>				
	07/22/18 12:25 CST	0		Hail (2.50 in)
	07/22/18 12:27 CST	0		Source: Public
Several reports and pictures of at least tennis ball size hail near Andalusia.				
<b>COVINGTON COUNTY --- 0.6 W POLEY [31.28, -86.33]</b>				
	07/22/18 12:30 CST	0		Hail (2.50 in)
	07/22/18 12:32 CST	0		Source: Public
Golf ball to tennis ball size hail was observed in the Babbie community.				
<b>COVINGTON COUNTY --- 4.8 W LIBERTYVILLE [31.24, -86.53]</b>				
	07/22/18 12:35 CST	0		Hail (1.00 in)
	07/22/18 12:37 CST	0		Source: Public
Quarter size hail was reported in the Carolina community.				
<b>COVINGTON COUNTY --- 1.4 WNW OPP [31.29, -86.27]</b>				
	07/22/18 12:36 CST	0		Hail (1.25 in)
	07/22/18 12:38 CST	0		Source: Public
Hail dollar size hail was reported in Opp.				
<b>CLARKE COUNTY --- 1.5 SSW GROVE HILL MUNI ARPT [31.66, -87.78]</b>				
	07/22/18 13:40 CST	0		Hail (1.00 in)
	07/22/18 13:42 CST	0		Source: Emergency Manager

A rare, summertime supercell thunderstorm event occurred across southwest and south central Alabama on July 22nd. The storms produced very large hail, which is very atypical in the summer months over this region.

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CHOCTAW COUNTY --- 0.9 NW BUTLER [32.09, -88.23], 0.7 NNW BUTLER [32.09, -88.22], 1.2 N BUTLER [32.10, -88.22], 1.4 NNW BUTLER [32.10, -88.23]	07/31/18 15:00 CST		0	Flash Flood (due to Heavy Rain)
	07/31/18 17:30 CST		0	Source: Emergency Manager

Very heavy rain resulted in flash flooding in the Green Acres subdivision. Water was quickly flowing over some of the roads, making them impassable.

**A deep upper level trough, approaching from the west, combined with a very moist and unstable airmass, resulted in numerous showers and thunderstorms. Some of these storms resulted in localized flooding.**