

Storm Data and Unusual Weather Phenomena - May 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALABAMA, Central				
PERRY COUNTY --- MARION [32.63, -87.32]				
	05/17/13 18:55 CST		0	Hail (1.00 in)
	05/17/13 18:55 CST		0	Source: Broadcast Media
SHELBY COUNTY --- 2.1 ENE DARGIN [33.16, -86.74]				
	05/17/13 19:50 CST		0	Hail (0.88 in)
	05/17/13 19:50 CST		0	Source: NWS Employee
DALLAS COUNTY --- 2.0 NE SELMA SKYHARBOR ARPT [32.39, -87.08]				
	05/17/13 20:07 CST		0	Hail (1.00 in)
	05/17/13 20:20 CST		0	Source: Public
Quarter sized hail fell near Morgan Academy for nearly 15 minutes, covering the ground.				
CLEBURNE COUNTY --- 1.5 NNW BEASONS MILL [33.55, -85.69]				
	05/18/13 01:30 CST		0	Heavy Rain
	05/18/13 02:15 CST		0	Source: 911 Call Center
Approximately two to four inches of rainfall across the area resulted in travel problems in and around Mt. Cheaha State Park, including County Road 13, as portions of the road became impassable.				
CLEBURNE COUNTY --- 1.6 NE HEFLIN [33.67, -85.56]				
	05/18/13 01:30 CST		0	Heavy Rain
	05/18/13 02:15 CST		0	Source: 911 Call Center
Approximately two inches of rainfall across the area led to water covering portions of U.S. Highway 78 northeast of Heflin.				
RANDOLPH COUNTY --- 2.4 S PINE TUCKEY [33.44, -85.52], 2.9 NNW NEWELL [33.47, -85.44], 1.3 NNW PINE HILL [33.47, -85.39], 0.6 SW PINE HILL [33.45, -85.39], 2.8 N RICE MILL [33.42, -85.50]				
	05/18/13 02:30 CST		0.10M	Flash Flood (due to Heavy Rain)
	05/18/13 08:00 CST		0	Source: Emergency Manager
Over four inches of rainfall led to road closures and damage in northern Randolph county. Portions of old U. S. Highway 431 near Pineywood Creek and County Road 92 were impassable. A portion of County Road 9 near Lofty was washed away with repairs estimated at \$100,000.				
TALLADEGA COUNTY --- 1.6 NNW MC ELDERRY [33.50, -85.98], 1.2 ESE TALLADEGA MUNI ARPT [33.56, -86.03], 1.3 WSW COLDWATER [33.58, -85.94], 1.8 ESE JENIFER [33.54, -85.90]				
	05/18/13 02:30 CST		0	Flash Flood (due to Heavy Rain)
	05/18/13 08:00 CST		0	Source: 911 Call Center
Three to four inches of heavy rainfall across the area resulted in several roads quickly becoming impassable in northern Talladega county, including Campbell Rd, Highway 21, and Granttown Rd in the city of Munford. Heavy rainfall continued, eventually totaling over five inches, further contributing to flooding problems.				
CLAY COUNTY --- 6.7 WNW DAMPSEY [33.47, -85.88], 6.2 NNE WATTS MILL [33.46, -85.88], 5.6 WNW DAMPSEY [33.45, -85.86], 5.3 WNW DAMPSEY [33.47, -85.85]				
	05/18/13 02:45 CST		0	Flash Flood (due to Heavy Rain)
	05/18/13 08:45 CST		0	Source: Emergency Manager
Heavy rainfall trained over northern Clay county, dropping over three inches of rainfall over a couple hours. Stream flow into Lake Chinabee rose quickly, flooding the nearby campground and stranding campers as roads into the area were also flooded. Twenty campers and one animal had to be rescued by law enforcement in boats. Water rescues began around 300AM CST per personal accounts of the campers. No injuries were reported. The Lake Chinabee Recreation Area was closed by the U.S. Forest Service in order to repair damage to the campground, roadways, and hiking trails. It is expected to reopen in September 2013.				
CALHOUN COUNTY --- 0.9 NW EASTABOGA [33.61, -86.03], 1.0 SW EASTABOGA [33.59, -86.03], 3.0 WSW COLDWATER [33.57, -85.97], 3.2 S COLDWATER [33.53, -85.92], 1.7 ESE (ANB)ANNISTON CALHOU [33.57, -85.82], 0.5 ESE BLUE MTN [33.67, -85.82]				

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	05/18/13 03:00 CST		0	Flash Flood (due to Heavy Rain)
	05/18/13 08:00 CST		0	Source: 911 Call Center

Four to six inches of rainfall resulted in several roads becoming impassable, including portions of U.S. Highway 78 between Oxford and Eastaboga, and portions of Alabama Highway 21 between Oxford and Munford. All lanes of U.S. Highway 21 south of Oxford were impassable and a stranded motorist was rescued from the high waters. Additionally, during the early afternoon hours on May 18th, a 15 year old male was swept into the swift moving, elevated waters in a culvert and rescued several hundred feet downstream, suffering indirect minor injuries.

ST. CLAIR COUNTY --- 0.3 NNW SEDDON [33.58, -86.25], 2.3 NE WATTSVILLE [33.69, -86.25], 2.8 WNW WATTSVILLE [33.69, -86.32], 0.3 SSW EDEN [33.58, -86.32]

05/18/13 03:00 CST	0	Flash Flood (due to Heavy Rain)
05/18/13 05:30 CST	0	Source: 911 Call Center

Three to four inches of rainfall resulted in numerous roads in and around Pell City and Wattsville becoming impassable, including portions of Dr. John Haynes Dr., Florida Rd., Mt. Moriah Rd., and 19th St.

CLAY COUNTY --- 1.5 SSE DAMPSEY [33.41, -85.76], 1.8 NNE PYRITON [33.39, -85.82], 5.5 NNE WATTS MILL [33.45, -85.89], 6.7 NNE WATTS MILL [33.47, -85.88], 4.9 WNW DAMPSEY [33.47, -85.84], 2.8 NNW DAMPSEY [33.47, -85.79], 3.6 N DAMPSEY [33.48, -85.77], 3.8 NNE DAMPSEY [33.48, -85.75]

05/18/13 05:05 CST	0	Flash Flood (due to Heavy Rain)
05/18/13 09:30 CST	0	Source: Emergency Manager

As heavy rainfall continued over portions of Clay County overnight, dropping an additional three to four inches of rain to total over 10 inches near Lake Chinabee, flooding worsened and numerous roads in the area became impassable or were washed out, including Abel Rd., Nubbin Creek Rd., Ketchemedoggie Rd., and Good Hope Delta Rd.

TALLADEGA COUNTY --- 1.4 NNW CURRY [33.50, -86.03], 0.9 ESE WALCO [33.37, -86.02], 1.1 W WALCO [33.38, -86.05], 0.5 WNW SHOCCO [33.42, -86.14], 0.9 W SHOCCO SPGS [33.45, -86.15], 3.1 WNW CURRY [33.50, -86.07]

05/18/13 05:40 CST	0	Flash Flood (due to Heavy Rain)
05/18/13 08:00 CST	0	Source: Emergency Manager

Four to five inches of rainfall across portions of central Talladega County led to numerous roads becoming impassable due to high water, including Coosa St., Ward St., Battle St., Court St., and East St., all in the city of Talladega. In addition, Kelly Springs Rd at Eastaboga Rd was impassable, and U.S. Highway 77 between Talladega and Waldo was impassable.

CALHOUN COUNTY --- 2.3 S MAHLEP [33.72, -85.88], 2.3 S MAHLEP [33.72, -85.88], 2.3 S MAHLEP [33.72, -85.87], 2.4 S MAHLEP [33.72, -85.88]

05/18/13 08:44 CST	0	Flood (due to Heavy Rain)
05/18/13 12:00 CST	0	Source: Public

After heavy rainfall overnight, six to ten inches of standing water surrounded Leatherwood Baptist Church in Saks.

RANDOLPH COUNTY --- 1.5 WNW RICE MILL [33.39, -85.52], 1.0 NW RICE MILL [33.39, -85.51], 0.8 NW RICE MILL [33.39, -85.51], 1.4 WNW RICE MILL [33.39, -85.52]

05/18/13 10:00 CST	0	Flash Flood (due to Heavy Rain)
05/18/13 11:00 CST	0	Source: Emergency Manager

As a result of three to four inches of rainfall, a culvert along County Road 270 north of Wedowee washed out.

On Friday, May 17th, a slow-moving upper level low was rotating across the mid Mississippi River Valley with an associated surface low over Arkansas and surface trough extending southeastward into Alabama. Warm, moist airflow resulted in widespread showers and thunderstorms across northwest Central Alabama during the day, while stronger thunderstorms developed south of the rain area in a more unstable airmass. Some of these storms produced large hail. As this area of rain shifted east through the evening hours on Friday, May 17th, additional thunderstorms developed upstream and tracked across east Central Alabama. A mid level short wave rotating around the upper level low interacted with a low level convergent zone and continued moisture transport into the area to focus developing thunderstorms, which then tracked over the same areas for many hours, resulting in flash flooding during the early morning hours on Saturday, May 18th. Precipitable water values were around 1.70 inches, the 99th percentile for normal precipitable water values for that day. Rainfall estimates of three to five inches with localized amounts over eight inches occurred.

ALABAMA, North

MARSHALL COUNTY --- 1.7 SW ALBERTVILLE MUNI ARP [34.21, -86.27], 1.5 SSW ALBERTVILLE MUNI ARP [34.21, -86.26], 1.8 SSW ALBERTVILLE MUNI ARP [34.21, -86.26], 1.9 SSW ALBERTVILLE MUNI ARP [34.21, -86.26]

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	05/06/13 05:50 CST		0	Flood (due to Heavy Rain)
	05/06/13 08:00 CST		0	Source: Emergency Manager

Heavy rainfall produced flooding just southwest of Albertville, Alabama along Whiteoak Road and Needmore Road. The bridge between Douglas and Albertville, Alabama, was underwater and closed due to the flooding.

MARSHALL COUNTY --- 1.9 SW ROCKY RIDGE [34.58, -86.30], 3.1 NW GRANT [34.56, -86.31], 2.5 NW GRANT [34.55, -86.30], 2.1 SSW ROCKY RIDGE [34.57, -86.29]

05/06/13 05:50 CST	0	Flood (due to Heavy Rain)
05/06/13 08:00 CST	0	Source: Emergency Manager

Heavy rainfall produced flooding from the Paint Rock River along Butler Mill Road, about three miles northwest of Grant, Alabama.

MORGAN COUNTY --- 25.1 ESE HULACO [34.21, -86.18], 25.1 ESE HULACO [34.21, -86.18], 25.1 ESE HULACO [34.21, -86.18], 25.1 ESE HULACO [34.21, -86.18]

05/06/13 05:50 CST	0	Flood (due to Heavy Rain)
05/06/13 08:00 CST	0	Source: Emergency Manager

Heavy rainfall produced flooding near Boaz, Alabama, as the streets were closed due to high water at the intersection of Mount Vernon and Willow Streets.

MARSHALL COUNTY --- 0.7 W SARATOGA [34.25, -86.21], 0.6 W SARATOGA [34.25, -86.21], 0.5 W SARATOGA [34.25, -86.21], 0.6 WSW SARATOGA [34.25, -86.21]

05/06/13 05:51 CST	0	Flood (due to Heavy Rain)
05/06/13 07:00 CST	0	Source: Emergency Manager

Heavy rainfall resulted in flooding about one mile south of Albertville at South Broad Street from Bobo Street to College Street. Under one foot of water was over the roads.

MORGAN COUNTY --- 1.6 NW HUNTSVILLE LACEYS SP [34.54, -86.62], 2.2 WNW HUNTSVILLE LACEYS SP [34.54, -86.64], 2.0 W HUNTSVILLE LACEYS SP [34.54, -86.63], 1.5 WNW HUNTSVILLE LACEYS SP [34.54, -86.62]

05/07/13 14:04 CST	0	Flood (due to Heavy Rain)
05/07/13 19:00 CST	0	Source: Emergency Manager

Heavy rainfall produced flooding just south of Triana, Alabama, with three to four feet of water covering the road on Shop Ford Road near Ballingere Private Drive.

MORGAN COUNTY --- 2.1 NE WINTON [34.54, -86.73], 1.6 NE WINTON [34.54, -86.73], 1.7 ENE WINTON [34.53, -86.72], 2.1 NE WINTON [34.54, -86.72]

05/07/13 14:04 CST	0	Flood (due to Heavy Rain)
05/07/13 19:00 CST	0	Source: Emergency Manager

Heavy rainfall produced flooding with three to four feet of water covering the road in the 900 block of Lower Dry Creek Road, just west-northwest of Lacey's Spring, Alabama.

A slow moving upper level low pressure system resulted in several prolonged periods of heavy rainfall across the Tennessee Valley. There were a few reports of flooding in Marshall and Morgan counties in North Alabama due to the heavy rainfall.

LIMESTONE COUNTY --- 2.1 N TANNER [34.76, -86.97], 1.5 SE ATHENS [34.79, -86.96]

05/17/13 13:00 CST	50K	Tornado (EF0, L: 2.04 mi , W: 50 yd)
05/17/13 13:07 CST	0	Source: NWS Storm Survey

A short-lived tornado initially touched down along Roy Long Road just west of Highway 31. Several trees were snapped and uprooted around a residential property. The residence itself sustained minor damage as narrow wooden front porch pillars were broken and shifted by the wind. Based upon this damage, the maximum winds were determined to be around 75 mph, which is a mid range EF-0 tornado.

The tornado skipped northeast with additional damage along Highway 72, just west of Highway 31. Multiple signs atop a large metal pole were blown out and a portion of the metal siding was ripped off. The tornado weakened after this point, and lifted just northeast of the damaged location.

LIMESTONE COUNTY --- 1.6 SE HOLLAND GIN [34.95, -86.88], 1.5 SE HOLLAND GIN [34.96, -86.88]

05/17/13 13:45 CST	0.10M	Tornado (EF0, L: 0.15 mi , W: 50 yd)
05/17/13 13:46 CST	0	Source: NWS Storm Survey

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This very short-lived tornado was part of the same storm that produced the tornado across the southern portion of Athens, Alabama, earlier. Damage was in less than a quarter of a mile swath between residences along either side of Hardiman Lane. Several residences sustained minor roof damage with shingles blown off. One residence sustained structural damage, as a portion of the bricks were cracked and beginning to pull away from the foundation. Several larger trees around the residences were snapped or uprooted. Maximum winds were estimated to be at 70 mph at this location.

Just north of Hardiman lane, a barn sustained roof damage as a significant portion of the metal roof had been pulled off. The tornado rapidly lifted just northeast of this damage location.

A broad upper level low pressure system moving through the Tennessee valley region produced an area of low topped showers and thunderstorms. One of these showers became a miniature supercell and produced two weak, short-lived tornadoes in Limestone County -- one which tracked into the Athens area. This cell produced little or no lightning during its lifetime.

JACKSON COUNTY --- HIGDON [34.85, -85.63]

	05/19/13 14:25 CST	0	Hail (1.00 in)
	05/19/13 14:26 CST	0	Source: Public

Quarter sized hail occurred in Higdon, Alabama in southeast Jackson County, Alabama.

A weak upper level storm system produced scattered thunderstorms in northeast Alabama that produced isolated large hail.

DEKALB COUNTY --- 1.1 NNE CHAVIES [34.48, -85.82]

	05/22/13 15:12 CST	10K	Thunderstorm Wind (EG 52 kt)
	05/22/13 15:13 CST	0	Source: Emergency Manager

Thunderstorm winds downed three trees at a residence.

An isolated severe thunderstorm developed along an outflow boundary that moved west through north Alabama out of northwest Georgia.

ALABAMA, Southwest

BALDWIN COUNTY --- DAPHNE [30.60, -87.90]

	05/01/13 12:53 CST	0	Hail (1.00 in)
	05/01/13 12:55 CST	0	Source: Public

MOBILE COUNTY --- 2.3 NW CHUNCHULA [30.94, -88.23], 6.4 N MOFFET [30.94, -88.37], 15.0 W MOBILE [30.70, -88.33], 3.3 W ORCHARD [30.72, -88.25]

	05/01/13 19:30 CST	0	Flash Flood (due to Heavy Rain)
	05/01/13 21:30 CST	0	Source: Fire Department/Rescue

Stationary thunderstorms produced 5 to 15 inches of rain which caused widespread flooded across western Mobile County caused water to flow over Grand Bay-Wilmer Road...about 1/2 mile north of the intersection with Fort Lake Road. Water was also flowing also Newman Road. Roads and parking lots were flooded in Grand Bay.

MOBILE COUNTY --- THEODORE [30.55, -88.17]

	05/02/13 03:00 CST	15K	Lightning
	05/02/13 03:01 CST	0	Source: Fire Department/Rescue

A house was hit by lightning causing a fire and block structure damage.

Thunderstorms developed across the area and produced large hail and very heavy rain which caused flooding.