

## Storm Data and Unusual Weather Phenomena - October 2006

<u>Location</u>	<u>Date/Time</u>	<u>Deaths &amp; Injuries</u>	<u>Property &amp; Crop Dmg</u>	<u>Event Type and Details</u>
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### ARKANSAS, Southeast

#### ASHLEY (AR-Z074), CHICOT (AR-Z075)

10/01/06 00:00 CST	0	0	Drought
10/16/06 00:00 CST	0	4M	

During a four and a half month period, from June to the middle of October, abnormally dry conditions prevailed across most of the Jackson, MS County Warning Area (CWA). Widespread drought conditions were reported across the area during this time period. The U.S. Drought Monitor classified the drought as extreme (D3) over Southeast Mississippi. Drought conditions in the region peaked in intensity during early August over this area. According to the U.S. Drought Monitor severe drought conditions (D2) and a small area of extreme drought conditions (D3) prevailed across the remainder of Mississippi, northern portions of Northeast Louisiana, and Southeast Arkansas. These regions peaked in intensity around the 2nd week in September. Drought conditions were alleviated completely during the last half of October when well above normal rainfall occurred. The drought had significant impact on the agricultural industry. Non-irrigated crops were destroyed and all other sustainable crops produced a below normal yield. Catfish ponds were drawn down to severe levels and required water to be pumped back into the fish ponds. The cattle industry suffered due to low watering ponds and lack of sufficient grasslands for grazing and hay production. Water supply problems were encountered by those cities who obtained water from local rivers for drinking purposes due to the low river flows. Fire threat was significant causing the issuance of burn bans across the CWA.

Drought conditions over the Jackson, MS CWA had their origins dating back to last fall when well below normal rainfall occurred over the area. The lack of much above normal rainfall from January to March and drier than normal conditions over most of the area during the months of April and May of 2006 allowed soil moisture to deplete much earlier than usual.

High pressure dominated June weather over the CWA. The U.S. Drought Monitor first declared D2 Drought over the WFO Jackson extreme southeast counties in its June 6th release. June rainfall was well below normal over most of the CWA where most areas received less than half of their normal rainfall of 4 inches. By the June 13th release of the U.S. Drought Monitor, D2 conditions had moved into Southwest Mississippi and D3 conditions had moved into the WFO Jackson extreme southeast counties. D2 and D3 conditions remained confined to South Mississippi during the remainder of the month.

Weather during July was once again dominated by high pressure. Rain was less than a third of its normal 4 inches over Central Mississippi, Southeast Arkansas, and much of the Yazoo Delta Region. Southern portions of Northeast Louisiana actually received normal to above normal precipitation for the month. Rainfall elsewhere was half to three quarters of its normal 5 to 8 inches. D2 and D3 drought conditions remained over South Mississippi until the July 18th issuance of the U.S. Drought monitor when D2 conditions pushed into Southeast Arkansas and northern areas of Mississippi in the CWA. D3 conditions prevailed over much of Southeast Mississippi. Central Mississippi and East Central Mississippi experienced borderline D3 conditions. Rainfall over this area was well below normal during June and July.

August weather was also drier than normal over most areas with the exceptions of above normal rainfall over Southeast Arkansas, portions of Northeast Louisiana, and Southeast Mississippi. Rainfall ranged from a third to three quarters of its normal 2 to 4 inches over central and northern portions of the CWA in Mississippi. In Southeast Mississippi, drought conditions peaked early in the month. Afternoon showers and thunderstorms returned to Southeast Mississippi giving the area some much needed relief. By the end of the month, increase in shower activity over South Mississippi removed the D3 conditions from the Southeast Mississippi and removed D2 conditions from the remainder of South and Southwest Mississippi. Only D2 conditions prevailed in extreme eastern portions of Southeast Mississippi. D2 conditions prevailed across the remainder of Mississippi, Southeast Arkansas, and northern portions of Northeast Louisiana. The only exceptions were borderline D3 conditions in Central and East Central Mississippi and a small area of D3 conditions from Sharkey to southern Bolivar Counties.

Frontal systems began to push into the area during the month of September. Rainfall occurred over many areas during the month. The heaviest rainfall occurred over the northern most portions of the CWA in Mississippi during the month. The least rainfall occurred from Central Mississippi into East Central Mississippi. Drought conditions peaked around the middle of the month over central and northern portions of the CWA as frontal systems moved across the area. D3 drought conditions disappeared from the CWA and the D2 area contracted to a small portion of the Yazoo Delta Region. Borderline D2 conditions continued from Central Mississippi to East Central Mississippi where only half its normal 3 to 4 inches rainfall occurred during the month.

The first half of October started off with high pressure in control and little or no rainfall over most areas. The second half of October closed out the D2 drought conditions in the CWA when well above normal rainfall occurred. October rainfall ranged from 4 inches in East Central Mississippi to 19 inches over Northeast Louisiana.

#### CHICOT (AR-Z075)

10/16/06 14:55 CST	0	200K	Strong Wind (MAX 45 kt)
10/16/06 15:05 CST	0	0	

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Strong gradient winds developed across southeast Arkansas as a strong low pressure area moved across central Arkansas. The pressure gradient was enhanced as steady rain moved over Chicot County. This rain area allowed the surface pressure to remain steady across southeast portions of the state while areas across central sections fell more rapidly. This strong pressure gradient allowed for winds to gust near 50 mph around Lake Village and caused damage in the area. Numerous trees were blown down with a few on homes. Several other homes sustained shingle damage from the strong winds.

See narrative for Mississippi for additional details about the entire event.

### **LOUISIANA, Northeast**

**MOREHOUSE (LA-Z007), WEST CARROLL (LA-Z008), EAST CARROLL (LA-Z009), RICHLAND (LA-Z015), MADISON (LA-Z016), FRANKLIN (LA-Z023), CATAHOULA (LA-Z024), TENSAS (LA-Z025), CONCORDIA (LA-Z026)**

10/01/06 00:00 CST	0	0	Drought
10/16/06 00:00 CST	0	7M	

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<b>The first half of October started off with high pressure in control and little or no rainfall over most areas. The second half of October closed out the D2 drought conditions in the CWA when well above normal rainfall occurred. October rainfall ranged from 4 inches in East Central Mississippi to 19 inches over Northeast Louisiana.</b>				
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MOREHOUSE COUNTY				
1.5 SSW STAMPLEY	10/16/06 12:55 CST	0	130K	Thunderstorm Wind (EG 60 kt)
	10/16/06 12:55 CST	0	0	32.8N, 91.77W
One mobile home was overturned and heavily damaged along with a semi truck blown over. Additionally, several power lines were blown down around the				
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RICHLAND COUNTY				
12 SW NEW LIGHT	10/16/06 14:03 CST	0	0	Tornado (F0, L: 0.50 mi , W: 30 yd)
	10/16/06 14:04 CST	0	0	32.15N, 91.64W
A brief tornado touched down in Caldwell Parish, near the Hebert Community, and crossed the Boeuf River into extreme southern Richland Parish. The				
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FRANKLIN COUNTY				
LIDDIEVILLE	10/16/06 14:30 CST	0	10M	Flash Flood (due to Heavy Rain)
CROWVILLE	10/17/06 00:00 CST	0	400K	32.13N, 91.85W ~ 32.25N, 91.58W
Tremendous amounts of rain fell across Franklin Parish during the afternoon and evening of October 16th. Eight to fifteen inches of rain fell during this time				
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RICHLAND COUNTY				
15 SW ARCHIBALD	10/16/06 14:30 CST	0	10M	Flash Flood (due to Heavy Rain)
DELHI	10/17/06 00:00 CST	0	200K	32.2N, 91.96W ~ 32.45N, 91.5W
Tremendous amounts of rain fell across Richland Parish during the afternoon and evening of October 16th. Eight to fifteen inches of rain fell during this time				
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EAST CARROLL COUNTY				
LAKE PROVIDENCE	10/16/06 14:46 CST	0	13K	Thunderstorm Wind (EG 55 kt)
	10/16/06 14:46 CST	0	0	32.8N, 91.18W
Several trees and power lines were blown down.				
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RICHLAND COUNTY				
2 N ARCHIBALD	10/16/06 14:48 CST	0	11K	Thunderstorm Wind (EG 55 kt)
	10/16/06 14:48 CST	0	0	32.38N, 91.78W
Several trees and power lines were blown down.				
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MOREHOUSE COUNTY				
OAK RIDGE	10/16/06 16:00 CST	0	2M	Flash Flood (due to Heavy Rain)
	10/17/06 00:00 CST	0	400K	32.63N, 91.77W
Very heavy rain fell across Morehouse Parish, especially the southern half near Oak Ridge, during the afternoon and evening of October 16th. Four to eight				
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WEST CARROLL COUNTY				
BEAR SKIN	10/16/06 16:00 CST	0	4M	Flash Flood (due to Heavy Rain)
EPPS	10/17/06 00:00 CST	0	400K	32.68N, 91.58W ~ 32.6N, 91.48W
Very heavy rain fell across West Carroll Parish, especially the southern half near Epps, during the afternoon and evening of October 16th. Five to ten				
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EAST CARROLL COUNTY				
LAKE PROVIDENCE	10/16/06 16:55 CST	0	0	Thunderstorm Wind (EG 50 kt)
5 N LAKE PROVIDENCE	10/16/06 17:00 CST	0	0	32.8N, 91.18W ~ 32.87N, 91.18W
A few trees were blown down north of town.				
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MADISON COUNTY				
6 S WAVERLY	10/16/06 18:00 CST	0	1M	Flash Flood (due to Heavy Rain)
TALLULAH	10/17/06 00:00 CST	0	700K	32.36N, 91.42W ~ 32.42N, 91.2W
Very heavy rain fell across Madison Parish, especially the southern half, during the afternoon and evening of October 16th. Six to ten inches of rain fell				

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<b>MADISON COUNTY</b>				
8.88 E QUIMBY	10/16/06 19:21 CST	0	0	Thunderstorm Wind (EG 50 kt)
	10/16/06 19:21 CST	0	0	32.23N, 91.37W

A few trees were blown down.

<b>CONCORDIA COUNTY</b>				
FERRIDAY	10/16/06 19:45 CST	0	0	Thunderstorm Wind (EG 50 kt)
	10/16/06 19:45 CST	0	0	31.63N, 91.57W

A few trees were blown down.

**A significant heavy rain and flash flooding event occurred on October 16 and into the first part of October 17. The event was set up by an anomalous pool of tropical type moisture (~300% of normal) over the western Gulf of Mexico which was then pulled northward by strong low level winds in advance of a westward moving upper level disturbance. There were several other factors in play which contributed to the large amounts of rain, such as a northward moving warm front and a building upper ridge over the eastern Gulf of Mexico. The warm front helped lift the air while the building upper ridge served to weaken the westward moving upper disturbance. This then caused the progression of the heavy convective rains to slow and dump tremendous amounts of rain from southeast Texas to north and central Louisiana and then into west-central Mississippi. By late evening, dry mid level air began pushing east from Texas and allowed the heavy rain shield to move and exit the region by early Tuesday morning. Heavy rains were not the only weather type during this event, a couple of tornadoes occurred along with scattered reports of wind damage.**

**What makes this event rare is that such a large area received 6 to 10 inches of rain and an even larger area received 4 to 6 inches. Embedded in that swath, a few locations in northern and central Louisiana received a whopping 12 to 17 inches! During this time of year, these kinds of rains usually occur from slow moving tropical cyclones, not from a warm front and westward moving upper disturbance. The result of all this rain was numerous reports of flash flooding, some even significant, across northeast Louisiana and west-central Mississippi. This event will go down in the record books for the amount of real estate covered by heavy rainfall and the several locations that measured extreme amounts.**

<b>FRANKLIN COUNTY</b>				
WINNSBORO	10/19/06 05:00 CST	0	1M	Flash Flood (due to Heavy Rain)
BASKIN	10/19/06 08:00 CST	0	0	32.17N, 91.73W ~ 32.27N, 91.75W

Heavy rains caused several roads in the parish to flood. Several homes were flooded on New Zion Road and off Highway 15 between Baskin and

<b>RICHLAND COUNTY</b>				
10 SW MANGHAM	10/19/06 05:00 CST	0	700K	Flash Flood (due to Heavy Rain)
	10/19/06 08:00 CST	0	0	32.2N, 91.66W

Heavy rains caused several roads in the parish to flood and a bridge to wash out that was weakened by previous rains earlier in the week. A few homes

<b>MADISON COUNTY</b>				
10 W AFTON	10/19/06 06:00 CST	0	200K	Flash Flood (due to Heavy Rain)
	10/19/06 09:00 CST	0	0	32.25N, 91.03W

Heavy rains, between 3 and 5 inches, caused several roads in the parish to flood.

<b>TENSAS COUNTY</b>				
NEW LIGHT	10/19/06 06:00 CST	0	200K	Flash Flood (due to Heavy Rain)
	10/19/06 09:00 CST	0	0	32.1N, 91.43W

Heavy rains, between 3 and 5 inches, caused several roads in the parish to flood.

<b>CONCORDIA COUNTY</b>				
FERRIDAY	10/19/06 07:00 CST	0	100K	Flash Flood (due to Heavy Rain)
	10/19/06 09:00 CST	0	0	31.63N, 91.57W

Heavy rains, between 2 and 4 inches, caused several roads around Ferriday to flood.

**Three days after one of the most significant heavy rain events occurred across central and northern portions of Louisiana, another heavy rain event transpired, nearly in the same areas. This event was not as significant as the previous one, only in the fact that 3 to 5 inches of rain fell. The main issue this time was that the grounds were saturated from the previous event and just a small amount of rain would cause more flooding problems. Additional flash flooding did occur with this round of rains, mainly across Richland and Franklin Parishes that were so hard hit earlier in the week.**

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<b>MISSISSIPPI, Central</b>				
BOLIVAR (MS-Z018), SUNFLOWER (MS-Z019), LEFLORE (MS-Z025), GRENADA (MS-Z026), CARROLL (MS-Z027), MONTGOMERY (MS-Z028), WEBSTER (MS-Z029), CLAY (MS-Z030), LOWNDES (MS-Z031), CHOCTAW (MS-Z032), OKTIBBEHA (MS-Z033), WASHINGTON (MS-Z034), HUMPHREYS (MS-Z035), HOLMES (MS-Z036), ATTALA (MS-Z037), WINSTON (MS-Z038), NOXUBEE (MS-Z039), ISSAQUENA (MS-Z040), SHARKEY (MS-Z041), YAZOO (MS-Z042), MADISON (MS-Z043), LEAKE (MS-Z044), NESHOPA (MS-Z045), KEMPER (MS-Z046), WARREN (MS-Z047), HINDS (MS-Z048), RANKIN (MS-Z049), SCOTT (MS-Z050), NEWTON (MS-Z051), LAUDERDALE (MS-Z052), CLAIBORNE (MS-Z053), COPIAH (MS-Z054), SIMPSON (MS-Z055), SMITH (MS-Z056), JASPER (MS-Z057), CLARKE (MS-Z058), JEFFERSON (MS-Z059), ADAMS (MS-Z060), FRANKLIN (MS-Z061), LINCOLN (MS-Z062), LAWRENCE (MS-Z063), JEFFERSON DAVIS (MS-Z064), COVINGTON (MS-Z065), JONES (MS-Z066), MARION (MS-Z072), LAMAR (MS-Z073), FORREST (MS-Z074)				
	10/01/06 00:00 CST	0	0	Drought
	10/16/06 00:00 CST	0	61M	

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<b>Central Mississippi to 19 inches over Northeast Louisiana.</b>				
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JASPER COUNTY				
MONTROSE	10/16/06 14:40 CST	0	0	Thunderstorm Wind (EG 50 kt)
	10/16/06 14:40 CST	0	0	32.13N, 89.23W
A couple of trees were blown down.				
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ISSAQUENA COUNTY				
2.71 NW MAYERSVILLE	10/16/06 15:03 CST	0	0	Thunderstorm Wind (EG 53 kt)
1 NW GRACE	10/16/06 15:10 CST	0	0	32.93N, 91.1W ~ 33.01N, 90.96W
A couple of trees were blown down from near Mayersville to near the Grace Community.				
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WASHINGTON COUNTY				
2.98 ESE PERCY	10/16/06 15:17 CST	0	0	Thunderstorm Wind (EG 55 kt)
	10/16/06 15:17 CST	0	0	33.1N, 90.93W
A couple of trees were blown down.				
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JEFFERSON DAVIS COUNTY				
4 ESE BASSFIELD	10/16/06 16:12 CST	0	0	Tornado (F0, L: 1.00 mi , W: 40 yd)
4 E BASSFIELD	10/16/06 16:13 CST	0	0	31.48N, 89.69W ~ 31.5N, 89.68W
This weak tornado briefly touched down just outside of Bassfield and snapped a few trees.				
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ISSAQUENA COUNTY				
2 SE FITLER	10/16/06 17:13 CST	0	0	Thunderstorm Wind (EG 55 kt)
4 ESE FITLER	10/16/06 17:16 CST	0	0	32.71N, 91.05W ~ 32.71N, 91.09W
Numerous large limbs were blown down just southeast of Fidler along with a few trees blown down off Goose Lake Road.				
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SHARKEY COUNTY				
EGREMONT	10/16/06 17:28 CST	0	0	Thunderstorm Wind (EG 50 kt)
	10/16/06 17:28 CST	0	0	32.87N, 90.9W
Many large limbs were blown down in the Egremont Community.				
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SHARKEY COUNTY				
ROLLING FORK	10/16/06 17:28 CST	0	100K	Thunderstorm Wind (EG 53 kt)
	10/16/06 17:28 CST	0	0	32.9N, 90.87W
A large tree fell on a mobile home caused significant damage to the home. Additionally, a large wooden fence was blown down at the sheriff's home.				
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YAZOO COUNTY				
YAZOO CITY	10/16/06 18:22 CST	0	0	Thunderstorm Wind (EG 53 kt)
EDEN	10/16/06 18:33 CST	0	0	32.85N, 90.42W ~ 32.98N, 90.33W
A few trees were blown down in Yazoo City along with numerous large limbs down around the Eden Community.				
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HOLMES COUNTY				
3 SW TOLARVILLE	10/16/06 18:39 CST	0	20K	Tornado (F1, L: 4.91 mi , W: 50 yd)
2 NNE TOLARVILLE	10/16/06 18:46 CST	0	0	33.02N, 90.26W ~ 33.08N, 90.21W
This tornado touched down just southwest of Tolarsville and tracked north northeast mainly across open farmland and wooded land. Many trees were				
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HOLMES COUNTY				
WEST	10/16/06 19:28 CST	0	3K	Thunderstorm Wind (EG 58 kt)
	10/16/06 19:28 CST	0	0	33.2N, 89.78W
Numerous trees were blown down around town.				
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WARREN COUNTY				

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VICKSBURG	10/16/06 19:30 CST	0	600K	Flash Flood (due to Heavy Rain)
REDWOOD	10/17/06 02:00 CST	0	0	32.35N, 90.88W ~ 32.48N, 90.82W
Heavy rain between four and seven inches fell across all of Warren County during the late afternoon and evening hours of October 16th. This heavy rain				
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HOLMES COUNTY				
COXBURG	10/16/06 20:00 CST	0	1M	Flash Flood (due to Heavy Rain)
	10/17/06 02:00 CST	0	100K	33N, 90.22W
Heavy rain between five and ten inches fell across all of Holmes County during the late afternoon and evening hours of October 16th. This heavy rain				
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HUMPHREYS COUNTY				
LOUISE	10/16/06 20:00 CST	0	300K	Flash Flood (due to Heavy Rain)
	10/17/06 02:00 CST	0	200K	32.97N, 90.58W
Heavy rain between four and eight inches fell across all of Humphreys County during the late afternoon and evening hours of October 16th. This heavy rain				
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ISSAQUENA COUNTY				
FITLER	10/16/06 20:00 CST	0	300K	Flash Flood (due to Heavy Rain)
	10/17/06 02:00 CST	0	100K	32.73N, 91.03W
Heavy rain between six and ten inches fell across all of Issaquena County during the late afternoon and evening hours of October 16th. This heavy rain				
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SHARKEY COUNTY				
CARY	10/16/06 20:00 CST	0	300K	Flash Flood (due to Heavy Rain)
	10/17/06 02:00 CST	0	300K	32.8N, 90.92W
Heavy rain between six and ten inches fell across all of Sharkey County during the late afternoon and evening hours of October 16th. This heavy rain				
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YAZOO COUNTY				
YAZOO CITY	10/16/06 20:00 CST	0	1M	Flash Flood (due to Heavy Rain)
	10/17/06 02:00 CST	0	300K	32.85N, 90.42W
Heavy rain between six and ten inches fell across all of Yazoo County during the late afternoon and evening hours of October 16th. This heavy rain				
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WARREN COUNTY				
2 SE VICKSBURG	10/16/06 20:15 CST	0	50K	Thunderstorm Wind (EG 55 kt)
BOVINA	10/16/06 20:40 CST	0	0	32.33N, 90.86W ~ 32.35N, 90.73W
Numerous trees and power lines were blown down across the county.				
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ADAMS COUNTY				
2 S WASHINGTON	10/16/06 20:55 CST	0	0	Thunderstorm Wind (EG 50 kt)
	10/16/06 20:55 CST	0	0	31.55N, 91.3W
A few trees were blown down near Palestine Road at the railroad track.				
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YAZOO COUNTY				
BENTONIA	10/16/06 20:55 CST	0	0	Thunderstorm Wind (EG 53 kt)
	10/16/06 20:55 CST	0	0	32.63N, 90.37W
A few trees were blown down.				
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ADAMS COUNTY				
6 S FENWICK	10/16/06 21:35 CST	0	15K	Thunderstorm Wind (EG 53 kt)
	10/16/06 21:35 CST	0	0	31.46N, 91.23W
A few trees and a power line blown down on Liberty Road.				
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FRANKLIN COUNTY				
HAMBURG	10/16/06 21:44 CST	0	7K	Thunderstorm Wind (EG 53 kt)
	10/16/06 21:44 CST	0	0	31.58N, 91.07W
A couple of trees and power lines were blown down.				

## Storm Data and Unusual Weather Phenomena - October 2006

<u>Location</u>	<u>Date/Time</u>	<u>Deaths &amp; Injuries</u>	<u>Property &amp; Crop Dmg</u>	<u>Event Type and Details</u>
HINDS COUNTY POCAHONTAS	10/16/06 21:48 CST 10/16/06 21:48 CST	0 0	0 0	Thunderstorm Wind (EG 50 kt) 32.47N, 90.28W
A few trees were blown down.				
HINDS COUNTY 4 SW CLINTON	10/16/06 21:55 CST 10/16/06 21:55 CST	0 0	0 0	Thunderstorm Wind (EG 53 kt) 32.2891N, 90.3784W
Two large oak trees were uprooted on private property between Clinton and Raymond off Midway Road.				
HINDS COUNTY RAYMOND	10/16/06 22:05 CST 10/16/06 22:05 CST	0 0	0 0	Thunderstorm Wind (EG 53 kt) 32.27N, 90.43W
A couple of trees were blown down.				
ATTALA COUNTY 2.38 SSE HESTERVILLE 6 E HESTERVILLE	10/16/06 22:10 CST 10/16/06 22:15 CST	0 0	0 0	Thunderstorm Wind (EG 50 kt) 33.14N, 89.65W ~ 33.17N, 89.57W
A couple of trees were blown down off Highway 35 and Highway 43 north of Kosciusko.				
FRANKLIN COUNTY 2 W BUDE	10/16/06 22:20 CST 10/16/06 22:20 CST	0 0	0 0	Thunderstorm Wind (EG 50 kt) 31.47N, 90.82W
A few trees were blown down along Highway 84.				
ATTALA COUNTY 4 SE KOSCIUSKO KOSCIUSKO	10/16/06 22:30 CST 10/17/06 02:00 CST	0 0	400K 0	Flash Flood (due to Heavy Rain) 33.01N, 89.53W ~ 33.05N, 89.58W
Heavy rain between four and seven inches fell across all of Attala County during the evening hours of October 16th. This heavy rain caused many roads to				
HINDS COUNTY BROWNSVILLE	10/16/06 22:30 CST 10/17/06 02:00 CST	0 0	100K 0	Flash Flood (due to Heavy Rain) 32.45N, 90.43W
Heavy rain between three and six inches fell across the northern portion of Hinds County during the evening hours of October 16th. This heavy rain caused				
HINDS COUNTY TERRY	10/16/06 22:30 CST 10/16/06 22:30 CST	0 0	0 0	Thunderstorm Wind (EG 50 kt) 32.1N, 90.3W
A couple of trees were blown down.				
MADISON COUNTY CANTON	10/16/06 22:30 CST 10/17/06 02:00 CST	0 0	400K 0	Flash Flood (due to Heavy Rain) 32.62N, 90.03W
Heavy rain between four and seven inches fell across a large portion of Madison County during the evening hours of October 16th. This heavy rain caused				
CHOCTAW COUNTY WEIR ACKERMAN	10/16/06 23:00 CST 10/17/06 03:00 CST	0 0	300K 0	Flash Flood (due to Heavy Rain) 33.27N, 89.28W ~ 33.32N, 89.17W
Heavy rain between five and eight inches fell across a large portion of Choctaw County during the evening hours of October 16th. This heavy rain caused				
LEAKE COUNTY 1.5 NNW WALNUT GROVE	10/16/06 23:45 CST 10/16/06 23:45 CST	0 0	0 0	Thunderstorm Wind (EG 50 kt) 32.6N, 89.46W



## Storm Data and Unusual Weather Phenomena - October 2006

<u>Location</u>	<u>Date/Time</u>	<u>Deaths &amp; Injuries</u>	<u>Property &amp; Crop Dmg</u>	<u>Event Type and Details</u>
A few trees were blown down.				
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SMITH COUNTY				
4 SW BURNS	10/17/06 00:46 CST	0	13K	Thunderstorm Wind (EG 55 kt)
6 NE BURNS	10/17/06 01:05 CST	0	0	32.09N, 89.6W ~ 32.19N, 89.48W
Several trees were blown down across the northern portion of the county.				
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MARION COUNTY				
COLUMBIA	10/17/06 02:05 CST	0	2K	Thunderstorm Wind (EG 54 kt)
	10/17/06 02:05 CST	0	0	31.25N, 89.83W
A power pole was blown down and blocked Highway 13.				
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MARION COUNTY				
COLUMBIA	10/17/06 02:15 CST	0	300K	Flash Flood (due to Heavy Rain)
	10/17/06 04:00 CST	0	0	31.25N, 89.83W
Heavy rain between two and four inches quickly fell across a large portion of Marion County shortly after midnight on October 17th. This heavy rain caused				
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LAMAR COUNTY				
2 SW HATTIESBURG	10/17/06 02:39 CST	0	700K	Tornado (F2, L: 0.80 mi , W: 50 yd)
1.2 SW HATTIESBURG	10/17/06 02:40 CST	0	0	31.3N, 89.34W ~ 31.31N, 89.33W
This strong tornado briefly touched down in the Oak Grove Community and was on the ground for 3/4 of a mile. Two homes had nearly the entire roof torn				
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LAMAR COUNTY				
1 SE PURVIS	10/17/06 02:44 CST	0	200K	Thunderstorm Wind (EG 60 kt)
	10/17/06 02:44 CST	0	0	31.14N, 89.43W
Numerous trees were blown down with one on a house on Ray Simmons Road at Highway 11. Additionally, a shed was destroyed at this same location.				
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FORREST COUNTY				
1 W BROOKLYN	10/17/06 02:55 CST	0	0	Thunderstorm Wind (EG 50 kt)
	10/17/06 02:55 CST	0	0	31.07N, 89.16W
A couple of trees were blown down, one blocking a portion of Highway 49.				
<p><b>A significant heavy rain and flash flooding event occurred on October 16 and into the first part of October 17. The event was set up by an anomalous pool of tropical type moisture (~300% of normal) over the western Gulf of Mexico which was then pulled northward by strong low level winds in advance of a westward moving upper level disturbance. There were several other factors in play which contributed to the large amounts of rain, such as a northward moving warm front and a building upper ridge over the eastern Gulf of Mexico. The warm front helped lift the air while the building upper ridge served to weaken the westward moving upper disturbance. This then caused the progression of the heavy convective rains to slow and dump tremendous amounts of rain from southeast Texas to north and central Louisiana and then into west-central Mississippi. By late evening, dry mid level air began pushing east from Texas and allowed the heavy rain shield to move and exit the region by early Tuesday morning. Heavy rains were not the only weather type during this event, a couple of tornadoes occurred along with scattered reports of wind damage.</b></p>				
<p><b>What makes this event rare is that such a large area received 6 to 10 inches of rain and an even larger area received 4 to 6 inches. Embedded in that swath, a few locations in northern and central Louisiana received a whopping 12 to 17 inches! During this time of year, these kinds of rains usually occur from slow moving tropical cyclones, not from a warm front and westward moving upper disturbance. The result of all this rain was numerous reports of flash flooding, some even significant, across northeast Louisiana and west-central Mississippi. This event will go down in the record books for the amount of real estate covered by heavy rainfall and the several locations that measured extreme amounts.</b></p>				
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ADAMS COUNTY				
NATCHEZ	10/19/06 07:00 CST	0	2K	Thunderstorm Wind (EG 55 kt)
	10/19/06 07:00 CST	0	0	31.57N, 91.4W
Several trees blown down on McGehee and Artman Roads.				
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FRANKLIN COUNTY				

## Storm Data and Unusual Weather Phenomena - October 2006

<u>Location</u>	<u>Date/Time</u>	<u>Deaths &amp; Injuries</u>	<u>Property &amp; Crop Dmg</u>	<u>Event Type and Details</u>
2 N MEADVILLE	10/19/06 08:08 CST	0	0	Thunderstorm Wind (EG 50 kt)
	10/19/06 08:08 CST	0	0	31.5N, 90.9W
A few trees were blown down just north of Meadville.				
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JEFFERSON COUNTY				
5 WSW UNION CHURCH	10/19/06 08:10 CST	0	10K	Thunderstorm Wind (EG 55 kt)
3 S UNION CHURCH	10/19/06 08:20 CST	0	0	31.65N, 90.88W ~ 31.64N, 90.8W
Numerous trees were blown down just to the southwest of Union Church. Trees were blown down on both side of Ohlenberg Road and near Highway 528				
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CLAIBORNE COUNTY				
3.13 NW WILLOWS	10/19/06 08:33 CST	0	0	Thunderstorm Wind (EG 50 kt)
	10/19/06 08:33 CST	0	0	32.06N, 90.86W
A few trees were blown down.				
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COPIAH COUNTY				
7 SW DENTVILLE	10/19/06 08:45 CST	0	0	Thunderstorm Wind (EG 61 kt)
ALLEN	10/19/06 08:50 CST	0	0	31.88N, 90.65W ~ 31.75N, 90.65W
Trained spotter estimated winds gusts up 70 mph around the Allen to Dentville Communities.				
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FRANKLIN COUNTY				
1 W MEADVILLE	10/19/06 08:45 CST	0	0	Thunderstorm Wind (EG 50 kt)
	10/19/06 08:45 CST	0	0	31.47N, 90.88W
A couple of trees were blown down along Highway 84 just west of Meadville.				
<b>Another round of severe thunderstorms moved across the region just three days after the significant heavy rain, flash flooding and severe weather event of October 16th. This round of storms were confined to the southwest portion of the forecast area and consisted of heavy rains and damaging winds.</b>				
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LAWRENCE COUNTY				
MONTICELLO	10/27/06 04:30 CST	0	25K	Flash Flood (due to Heavy Rain)
	10/27/06 05:10 CST	0	0	31.55N, 90.12W
Two to five inches of rain quickly fell across portions of Lawrence County. This heavy rain caused a creek to flood and several streets were blocked by				
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LINCOLN COUNTY				
BOGUE CHITTO	10/27/06 04:30 CST	0	50K	Flash Flood (due to Heavy Rain)
	10/27/06 05:10 CST	0	0	31.43N, 90.45W
Two to four inches of rain quickly fell across portions of Lincoln County. This heavy rain caused several roads and streets around Bogue Chitto to become				
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MARION COUNTY				
1 SSE KOKOMO	10/27/06 05:48 CST	0	700K	Tornado (F1, L: 5.00 mi , W: 500 yd)
4 SSE KOKOMO	10/27/06 05:56 CST	0	0	31.19N, 89.99W ~ 31.15N, 89.97W
This F1 tornado touched down just to the southeast of Kokomo and tracked east northeast for about five miles. The most intense damage was near and just				
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LAMAR COUNTY				
5 WNW LUMBERTON	10/27/06 06:45 CST	0	0	Tornado (F1, L: 2.01 mi , W: 250 yd)
4 NW LUMBERTON	10/27/06 06:49 CST	0	50K	31.03N, 89.53W ~ 31.04N, 89.5W
This tornado touched down about five miles west northwest of Lumberton and remained on the ground for two miles. Numerous trees were snapped and				
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LAMAR COUNTY				
2 WNW LUMBERTON	10/27/06 07:00 CST	0	40K	Thunderstorm Wind (EG 55 kt)
4 SSE PURVIS	10/27/06 07:10 CST	0	0	31.01N, 89.48W ~ 31.1N, 89.39W
Sporadic wind damage occurred along the path of a mesocyclone which extended from just northwest of Lumberton to southeast of Purvis. Occasional				
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FORREST COUNTY				

## Storm Data and Unusual Weather Phenomena - October 2006

<u>Location</u>	<u>Date/Time</u>	<u>Deaths &amp; Injuries</u>	<u>Property &amp; Crop Dmg</u>	<u>Event Type and Details</u>
1.91 ENE MC LAURIN	10/27/06 07:10 CST	0	20K	Thunderstorm Wind (EG 53 kt)
	10/27/06 07:10 CST	0	0	31.18N, 89.25W

A few trees were blown down along Highway 49 at Camp Shelby. Additionally, a large tent was blown down at the south gate of Camp Shelby.

**October 27th offered another strong early fall system to move through the area. Most of the storm activity remained across the far southern and southeast portion of the forecast area. This portion of the region recieved some flash flooding, wind damage and a few tornadoes.**

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BOLIVAR COUNTY				
0.9 SW HUSHPUCKENA	10/31/06 17:50 CST	0	0	Hail (0.75 in)
	10/31/06 17:53 CST	0	0	33.99N, 90.74W

**A weather system moved across the region on October 31st and produced one severe thunderstorm that caused penny sized hail in northern Bolivar County.**