

NWS Form E-5 (04-2006) (PRES. BY NWS Instruction 10-924)	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA) WFO NEW ORLEANS/BATON ROUGE LA
		REPORT FOR: MONTH YEAR SEPTEMBER 2008
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		SIGNATURE KENNETH GRAHAM, MIC
TO: Hydrologic Information Center, W/OS31 NOAA's National Weather Service 1325 East West Highway Silver Spring, MD 20910-3283		DATE OCTOBER 15, 2008

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

An X inside this box indicates that no flooding occurred within this hydrologic service area.

...HURRICANE GUSTAV BRINGS RAINS...

Hurricane "Gustav" crossed the Gulf of Mexico and made landfall near Cocodrie, Louisiana on September 1st. Storm surge flooding developed over coastal Louisiana and Mississippi. Heavy rains continued over many areas through September 3rd. Louisiana rain totals for the week included 11.22 inches at Brusly; 10.25 inches at Butte La Rose; 9.48 inches at Zachary; and 9.22 inches at Abita Springs. Areal average rainfall amounts over 5.0 inches occurred over south central, east central, and central Louisiana, as well as southwest Mississippi.

The second weather week started with fair conditions over southwestern and coastal Mississippi, as well as southeastern Louisiana. Hurricane "Ike" began impacting coastal Mississippi and Louisiana on September 11th. By September 12th, the hurricane had passed south of Louisiana, before making landfall near Galveston, Texas on September 13th. Rain developed over the entire region and storm surge flooding occurred along the entire Louisiana coast. Areal rainfall amounts ranged from near 0.7 inch up to 1.36 inches over southeast Louisiana.

Although several frontal boundaries passed through region from September 15th through 30th, high pressure dominated the weather. For the week ending September 21st, areal rainfall amounts ranged from around 0.7 inch up to 1.9 inches over southeast Louisiana. For the week ending September 28th, areal rainfall amounts were 0.1 inch or less. By September 30th, a relatively dry cold front passed through the region with virtually no rainfall.

Flooding...

Extensive flooding developed due to the heavy rains and storm surge that accompanied Hurricane "Gustav". From September 1st through 7th, moderate flooding developed in Louisiana on the Amite and Comite Rivers at Comite, Denham Springs, and Bayou Manchac Point; on the Bogue Falaya River at Covington Girl Scout Camp and in downtown Covington. Moderate flooding developed in Mississippi on the Bogue Chitto River at Tylertown and on the Jourdan River at Kiln. During that same period, minor flooding developed in Louisiana on the Atchafalaya River at Morgan City; on the Amite and Comite Rivers at Little Prairie, Port Vincent, and French Settlement; on the Tangipahoa River at Robert; on the Tchefuncte River at Covington; on the Bogue Chitto River at Franklinton and Bush; and on the Lower Pearl River at Bogalusa and Pearl River. Minor flooding developed in Mississippi on the Tangipahoa River at Osyka; on the East Hobolochitto Creek at Caesar; on the Wolf River at Gulfport; and on the Biloxi River at Lyman.

A second round of flooding developed September 10th through 13th with Hurricane "Ike". Major flooding occurred on the Tickfaw River at Killian and moderate flooding developed on the Atchafalaya River at Morgan City. Minor flooding developed on the Amite River at French Settlement; on the Bogue Falaya River at downtown Covington; on the Pearl River at Pearl River; and on the Jourdan River at Kiln, Mississippi.

Monthly Reports by Agricultural Region Areal Average Departure from Normal

Southwest/South Central Mississippi (4 Sites)	9.35	+4.65
Coastal Mississippi	5.19	-0.52
Central Louisiana (2 Sites)	12.35	+7.67
East Central Louisiana	7.35	+2.59
South Central Louisiana (4 Sites)	4.38	-1.02
Southeast Louisiana	8.41	+2.26

Extreme Rainfall for the Month (Inches and Departure from Normal)

Houma, LA	13.02	+6.74	Brusly 2W, LA	12.76	+8.29
Gloster, MS	12.52		Butte La Rose, LA	12.51	
Zachary, LA	12.20	+7.46	New Roads, LA	11.94	+7.05

Drought...

Heavy rains over the region with Hurricanes "Gustav" and "Ike" kept soil conditions over southwestern Mississippi, coastal Mississippi, and southeastern Louisiana at normal levels.