

NWS FORM E-5 (11-88) (PRES. by NWS Instruction 10-924)	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA)	
		NEW ORLEANS/BATON ROUGE, LA	
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		REPORT FOR:	YEAR
		MONTH OCTOBER	YEAR 2012
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		SIGNATURE	
		KENNETH GRAHAM METEOROLOGIST-IN-CHARGE	
		DATE NOVEMBER 15, 2012	

When no flooding occurs, include miscellaneous river conditions, 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.

...Arid Conditions Dominated over Southeastern Louisiana and Southern Mississippi in October...

October is climatologically the driest month of the year across Louisiana and Mississippi. During October 2012, periods of unsettled weather punctuated the generally arid weather conditions across region. A few frontal boundaries produced significant rainfall, though rainfall was generally scarce. Some agricultural areas had rainfall deficits of over 4 inches below the normal for the month.

The weather week that started on October 1st, produced areal rainfall totals that ranged from 0.40 inch to around 0.84 inch. The heaviest rainfall developed over southern Mississippi. After mostly dry conditions during the next week, areal rainfall totals for the week that ended October 21st ranged from 0.12 inch to near 0.50 inch. Heavier local amounts were measured across coastal Mississippi. Through the remainder of October, little to no rainfall developed over southwestern Mississippi, coastal Mississippi, and southeastern Louisiana.

Flooding...

Over the last two days of September, minor flooding developed on the Bogue Falaya River in downtown Covington, LA, and on the West Hobolochitto Creek at McNeill, MS. Flooding continued at both locations into October. By October 1st, minor flooding started in Mississippi at Gulfport on the Wolf River and at Caesar on the East Hobolochitto Creek. By October 2nd, all flooding in Louisiana and Mississippi had ceased.

Monthly Reports by Agricultural Region	Areal Average	Departure from Normal
Southwest Mississippi (2 Sites)	0.38	N/A
South Central Mississippi (1 Site)	0.83	-2.92
Coastal Mississippi	2.46	-1.20
Central Louisiana (2 Sites)	0.91	-3.00
East Central Louisiana	0.73	-2.87
South Central Louisiana (7 Sites)	0.89	-2.97
Southeast Louisiana	0.91	-2.44

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

Baton Rouge/Concord, LA	3.64	-0.53	Oaknolia, LA	0.00	-3.97
Killian, LA	3.56		Clinton, LA	0.13	-4.01
Houma, LA	2.77	-0.34	Woodville, MS	0.00	-4.59

Drought...

Soil moisture contents were normal over the entire region throughout October 2012.