NWS FORM E-5 (11-88)	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	HYDROLOGIC SERVICE AREA (HSA	
(PRES. by NWS Instruction 10-924) NATIONAL WEATHER SERVICE		NEW ORLEANS/BATON ROUGE, LA	
MONITHIN		REPORT FOR:	
MONTHLY	REPORT OF HYDROLOGIC CONDITIONS	MONTH	YEAR
		NOVEMBER	2011
TO:	Hydrometeorological Information Center, W/OH2	SIGNATURE	
	NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283	KENNETH GRAHAM	
		METEOROLOGIST-IN-CHARGE	
		DATE	
		DECEMBER 15, 2011	

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.

...Drought Conditions Persisted in November 2011...

November started and ended with fair weather, as large areas of high pressure stretched across the Lower Mississippi River valley. Although there were stormy periods during the month, drought conditions strengthened over southwestern Mississippi, southeastern Louisiana and coastal Mississippi by mid-November. A few areas had little rainfall.

Though a series of cold fronts moved across the Lower Mississippi River valley during November, only a few days of significant rainfall resulted. Areal rainfall totals across the agricultural regions were less than 0.20 inch for the week ending November 6th. Severe weather and heavy rains developed on November 8th, when a cold front collided with warm, moist air from the Gulf of Mexico. Areal rainfall totals for the week ending November 13th ranged from 0.50 inch up to around 1.0 inch. Severe weather and heavy rains reoccurred on November 15th and 16th. Areal totals for the week ending November 20th averaged from near 0.5 inch to near 1.4 inches.

The stormiest week was November 21st through 27th. A strong cold front moved across Louisiana and Mississippi by November 22nd and produced amounts between 1.0 and 2.0 inches at many locations. On November 26th, another strong front helped produce rain totals of 1.0 to 1.5 inches, with isolated higher accumulations. For the weather week ending November 27th, areal average rainfall totals ranged from near 0.75 inch to around 1.2 inches.

Monthly Reports by Agricultural Re	egion	Areal Average	Departure from Normal				
Southwest Mississippi (2 Sites)			6.22	N/A			
South Central Mississippi (2 Sites)			2.96	-2.00			
Coastal Mississippi			1.81	-3.23			
Central Louisiana (3 Sites)			4.50	-0.41			
East Central Louisiana			3.33	-1.68			
South Central Louisiana (7 Sites)			2.66	-2.07			
Southeast Louisiana			1.77	-3.14			
Extreme Rainfall for the Month (Inches and Departure from Normal)							
Baton Rouge Airport (BTR), LA	7.44	+2.68	Marrero, LA	0.48			
Gloster, MS	7.34		Galliano, LA	0.36 -4.31			
Port Allen, LA	7.22	+2.30	Talisheek, LA	0.24			
Oaknolia, LA	6.35	+1.32	Paradis, LA	0.09 -5.13			

Drought...

At the start of November, abnormally dry (D0) soil moisture levels persisted over most of southern Mississippi and much of the area south and east of New Orleans. Moderate drought (D1) conditions stretched from Pearl River and Hancock Counties west across the remainder of southeastern Louisiana. From November 8th through late November, moderate drought engulfed all of southeastern Louisiana, southwestern Mississippi, and coastal Mississippi. After a few heavy rain events, conditions improved for some areas by November 29th. Abnormally dry conditions became established over the southwestern counties of Mississippi, the northernmost River Parishes, and northern portions of the Florida Parishes.