

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 NOVEMBER	2013
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 DECEMBER 15, 2013	

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.

...Periods Heavy Rainfall Punctuated Fair, Fall Weather in November...

A strong cold front cleared southeastern Louisiana and southern Mississippi by November 1st. That front induced widespread rain, though amounts tapered off over southeast Louisiana and coastal Mississippi. Most the rainfall with this system was measured November 1st in Louisiana and continued through November 3rd over parts of Mississippi. Rain totals for the first few days of November generally ranged from 0.39 inch up to around 1.0 inch.

High pressure and fair weather dominated much of mid-November. On November 6th, a cold front moved across the region with widespread rainfall. On November 12th, another frontal boundary induced spotty rainfall. Areal average rain totals through November 10th ranged from around 0.10 inch to near 0.33 inch, with heavier rainfall over coastal Mississippi. By November 17th, areal average rain totals for the weather week ranged from 0.02 inch up to near 1.0 inch over parts of coastal Mississippi.

Significant rainfall developed throughout the week from November 18th through 24th, as a strong frontal boundary moved over southwestern Mississippi and southeastern Louisiana. Areal rainfall amounts averaged from around 0.2 inch up to 1.70 inches.

Strong convective storms developed toward the end of November and drenched most of southeastern Louisiana and southern Mississippi. The greatest rain totals were measured November 25th and 26th, when many locations had amounts of 1.0 to 2.5 inches across coastal Mississippi, as well as parts of east-central and southeast Louisiana. For the weather week through December 1st, areal average rain totals were generally 0.8 to 1.80 inches.

Monthly Reports by Agricultural Region	Areal Average	Departure from Normal
Southwest Mississippi (1 Site)	5.23	N/A
South Central Mississippi (1 Site)	0.94	-3.44
Coastal Mississippi	3.34	-1.42
Central Louisiana (2 Sites)	2.51	-2.39
South Central Louisiana (7 Sites)	2.54	-2.18
East Central Louisiana	3.04	-1.97
Southeast Louisiana	3.36	-1.55

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

Norwood, LA	5.61	Pine Grove, LA	0.31	-5.33	
Galliano, LA	5.26	+0.59	Clinton, LA	0.00	-5.00

Drought...

Soil moisture contents were at normal levels over all of southeastern Louisiana and southern Mississippi in November.