

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)	
		NWFO NEW ORLEANS/BATON ROUGE, LOUISIANA	
MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS		REPORT FOR: MONTH FEBRUARY	YEAR 2006
		SIGNATURE Paul S. Trotter, Meteorologist-In-Charge	
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		DATE MARCH 15, 2006	

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)

...FEBRUARY STARTED WITH SEVERE WEATHER BUT ENDED WITH DRY CONDITIONS...

Turbulent weather developed over southeastern Louisiana and southern Mississippi, as a cold front moved across the region during the first week of February. Several areas received over 1.0 inch on February 2nd, alone. The greatest rainfall reports for that date were 3.59 inches at Terrytown; 2.30 inches at Marrero; and 2.10 inches at Norwood. Areal rainfall amounts for ranged from 1.98 inches for southeastern Louisiana to 0.86 for east central Louisiana.

Several cold fronts pushed across the region through February 26th. One strong front began its impact across the area on February 10th. By February 11th, the system produced rain amounts over 1.0 inch for most locations. The heaviest rain fell over east central Louisiana, where Killian measured 2.00 inches. Areal average rainfall amounts were generally from 0.65 inch to 0.85 inch.

Areal rainfall from February 13th through 19th was less than 0.15 inch, although significant rainfall developed on February 18th and 19th. Widespread, heavy rain from February 24th through 26th produced local amounts over 2.0 inches at several locations in east central Louisiana. The heaviest rain occurred on February 26th, when 2.96 inches fell at Angie; 2.86 inches at Ponchatoula; and 2.80 inches at Mount Hermon. Areal rainfall amounts for February 20th through 26th ranged from 1.67 inches for east central Louisiana to 0.49 inches for southeastern Louisiana. The month ended with dry conditions.

Drought...

Widespread rain in late January eased drought conditions for extreme southwest Mississippi. Moderate drought persisted through February 7th for the parishes north of Lake Pontchartrain, over Pearl River County in Mississippi, and across the coastal counties of Mississippi. For that same period, conditions were abnormally dry south of Lake Pontchartrain and the Mississippi River.

After the heavy rains during middle and late February, soil moisture improved to normal conditions except over the Florida Parishes, over Pearl River County in Mississippi, over the coastal counties of Mississippi, and over the parishes south of the Mississippi River. Abnormally dry conditions persisted into March at these locations.

Flooding...

Flooding in Louisiana continued along the Lower Pearl River at Bogalusa and Pearl River into March. The river crested at 20.14 feet at Bogalusa on February 7th and then crested at 15.05 feet at Pearl River on February 19th.

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