

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: MONTH SEPTEMBER YEAR 2006
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283	SIGNATURE PAUL S. TROTTER, MIC	DATE OCTOBER 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)

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

...Soil Conditions Improve in September...

Cooler, less humid continental air kept the weather dry through September 3rd. A series of frontal boundaries pushed across the region through the end of September and helped focus thunderstorm development, especially over the coastal parishes and counties. Heavy rainfall in the storms led to improved soil conditions across southeastern Louisiana and southern Mississippi.

For the week ending September 10th, Grand Isle measured 3.76 inches; Baton Rouge measured 1.76 inches; and Galliano measured 1.20 inches. Areal rainfall amounts were 0.50 inch or less. Widespread heavy rain during the week ending September 17th, produced totals over 2.00 inches at many locations. The greatest totals were: 5.94 inches at Terrytown; 4.02 inches at Thibodaux; and 3.62 inches at New Orleans. Areal rainfall amounts averaged from 1.20 inches up to 3.07 inches across southeastern Louisiana.

Additional downpours occurred the next week and yielded over 2.00 inches of rain at several locations. Killian measured 3.13 inches for the week; Convent measured 3.08 inches; and Houma measured 3.06 inches. Areal rainfall amounts ranged from near 1.0 inch to 1.40 inches over the region. Significant storms developed on September 25th, and then light rain occurred the last days of the month. Terrytown measured the greatest total, 2.60 inches. Areal rainfall amounts across the region were 0.90 inch or less.

Drought...

Drought conditions improved to abnormally dry soil moisture for most areas through the first half of September. Moderate to severe drought conditions only lingered in Mississippi over parts of Walthall, Pearl River, Harrison, and Jackson Counties. With September's downpours, conditions improved across the entire region by September 19th. Soil moisture became abnormally dry across southern Mississippi and southeastern Louisiana and remained so through the end of the month.

Issuances...

- Flood Warnings 0
- Flood Statements 0