

NWS FORM E-5 <small>(11-88)</small> <small>(PRES. by NWS Instruction 10-924)</small>	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 JULY 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 AUGUST 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.

...Drought Conditions Improved After Beneficial Rainfall in July...

July started with the hot, dry weather and an extended drought over southeastern Louisiana, southwestern Mississippi, and the Mississippi Gulf Coast. Scattered thunderstorms on first two days produced areal average rain amounts that ranged from near 0.5 inch to around 0.1 inch. After July 3rd, heavy rain developed over much of the region and began to ease the persistent drought. Local rain totals included 4.77 inches at Brusly; 4.74 inches at Marrero; 4.71 inches at Norwood; and 4.27 inches at Thibodaux. Areal average rainfall amounts for July 3rd through 9th ranged from 2.0 inches to over 3.0 inches.

Significant rainfall continued the week ending July 16th, especially over southeastern Louisiana. Local rain totals included 3.41 inches at Jackson; 2.88 inches at Clinton; and over 2.5 inches at Marrero, Bayou Sorrel, Baton Rouge, and Baton Rouge Metropolitan Airport. Areal rainfall amounts averaged from near 1.3 inches over southeastern Louisiana to less than 0.5 inch for southwestern Mississippi and the Mississippi Gulf coast.

As weather patterns became more seasonal, more thunderstorms developed. On July 20th, storms produced flash floods over Slidell, after a deluge of 3.0 to 4.0 inches of rainfall. Local rain totals for the week ending July 23rd included 4.44 inches at Mount Hermon; 3.79 inches at New Orleans Audubon Park; 3.16 inches at Livingston; and 3.12 inches at Abita Springs. In Mississippi, 2.29 inches fell at Tylertown and 1.75 inches fell at Picayune. Areal averages generally ranged from 1.0 to 2.0 inches.

Numerous thunderstorms developed over the region from July 24th to July 30th; scattered storms also occurred on July 31st. For the week ending July 30th, many locations measured over 2.0 inches. Local totals included 4.15 inches at Terrytown; 4.02 inches at Grand Isle; 3.84 inches at Thibodaux; and 3.71 inches at Galliano. In Mississippi, 0.75 inch fell at Picayune and 0.38 inch fell at Tylertown. Areal average amounts ranged from 2.33 inches over southeast Louisiana to less than 0.30 inch over southwest and coastal Mississippi.

Drought...

With rainfall deficits well over 15.0 inches, crops and agricultural concerns were stressed at the start of July. Extreme drought covered the entire region, except the northern parts of Wilkinson, Amite, Pike and Walthall Counties of Mississippi, where conditions were severe. By July 11th, conditions had improved. Extreme drought lingered over the Gulf coast, Pearl River County and southern Walthall County in Mississippi, as well as over much of the Florida Parishes and extreme southeastern Louisiana. Other areas had severe conditions.

Issuances...

- Flood Warnings 0
- Flood Statements 0