NWS FORM E-5 (11-88) NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (PRES. by NWS Instruction 10-924) NATIONAL WEATHER SERVICE		1
MONTHLY	REPORT OF RIVER AND FLOOD CONDITIONS	REPORT FOR: MONTH OCTOBER YEAR 2005
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, Meteorologist-In-Charge
		DATE November 30, 2005

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)

...Dry Weather Persists for October 2005...

High pressure dominated the weather during October over southeastern Louisiana and southern Mississippi. October 2005 was the second driest October for the state of Louisiana in over a century and the third driest October recorded at New Orleans, Louisiana. October 2005 was the second driest October recorded at McComb and Centreville in Mississippi. Many locations in Mississippi and Louisiana received no rainfall during the month.

By October 2^{nd} , showers and thunderstorms over southern Mississippi and Louisiana produced areal average rainfall amounts that were generally less than 0.10 inch. During the week ending October 9^{th} , thunderstorms on October 3^{rd} and 4^{th} produced isolated rain amounts greater than 0.5 inch over south-central and east-central Louisiana. Areal rainfall amounts were generally 0.10 to 0.20 inch during this period in Louisiana. Minor flooding occurred briefly October 4^{th} at Killian on the Tickfaw River. Little to no rain developed over Mississippi.

From October 10th through 30th, little or no rainfall was measured over the region; areal rainfall amounts were 0.00 inch. Significant rain occurred over southeastern Louisiana and southern Mississippi on October 31st, as a cold front pushed through. Areal rainfall amounts were still generally less than 0.10 inch.

By October 25th, abnormally dry conditions became established over extreme southwestern Mississippi, and over parts of central and east central Louisiana. In Mississippi, this area included all of Wilkinson, Amite, Pike, and Walthall Counties. In Louisiana, this area included parts of Washington, Tangipahoa, St. Helena, East Feliciana, West Feliciana, Pointe Coupee, and West Baton Rouge Parishes. Abnormally dry conditions persisted through the end of the month.

Greatest Rainfall Amounts for October 2005

In Mississippi...

Wiggins 0.90 Pascagoula (PQL) 0.24

In Louisiana...

Baton Rouge BTR 1.14 Livingston 0.51