

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 DECEMBER	YEAR 2005
		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 January 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)

...Heavy Rainfall in December Helps to Break Dry Spell...

After a bout of severe weather at the end of November, a cold front pushed to the Gulf Coast and stalled during the first few days of December. This front produced areal rainfall amounts that ranged to 0.10 inch across southeastern Louisiana and southern Mississippi.

Copious rainfall developed with the passage of a cold front on December 4th and 5th. By afternoon on the 5th, radar estimated that more than 10.0 inches of rain had fallen over parts of southern Mississippi near D'Iberville in Jackson County. Daily totals across southern parts of Louisiana and Mississippi ranged from one to over four inches. More rainfall occurred later in the week, yielding areal rain amounts that averaged from 1.30 to 1.82 inches for the week of December 5th through 11th.

Heavy rainfall on December 14th, produced rain totals over 3.0 inches at several locations. Over the region, areal average rainfall amounts ranged from 1.65 inches for southeastern Louisiana to around 1.45 inches over coastal Mississippi for the week of December 12th through 18th.

For the remainder of the month, rainfall was generally isolated. Areal rainfall amounts averaged from 0.25 to 0.33 inch for the week of December 19th through 25th and less than 0.20 inch to the year's end.

Flooding...

No flooding developed over southern Mississippi nor southeastern Louisiana during December.

Drought...

Abnormally dry conditions persisted over the extreme southwestern portion of Mississippi and along the westernmost river parishes through December 20th. After heavy rain fell during the week of December 12th through 18th, soil conditions returned to normal levels over the entire region and remained at normal levels through the end of the year.