

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
		REPORT FOR: MONTH YEAR FEBRUARY 2007
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		SIGNATURE PAUL S. TROTTER, METEOROLOGIST-IN-
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 CHARGE Silver Spring, MD 20910-3283		DATE MARCH 15, 2007

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.

...MINOR FLOODS RECEDE DURING FEBRUARY...

A series of frontal boundaries moved across southeastern Louisiana and southern Mississippi during the first two weeks of February. Through February 4th, only a few locations measured more than 1.0 inch of rainfall. Areal average rainfall amounts ranged from 0.42 inch to 0.72 inch. With this rain and water from upstream, the Lower Mississippi River remained above the flood stage at Red River Landing until February 3rd.

During the week of February 5th through February 11th, sparse precipitation developed. Areal average rainfall amounts were 0.01 inch or less. The Atchafalaya River remained above the flood stage at Morgan City until February 13th.

Dynamic weather over the second two weeks of February led to severe weather with some flash flooding. Strong thunderstorms during the week of February 12th through February 18th produced areal rain amounts that ranged from 0.69 to 0.81 inch. Light rainfall during the week ending February 25th, produced areal rain amounts around a half an inch over the region. Only light rain fell over the last few days of the month.

Drought...

Soil conditions were drying out across the region through February, with below-normal rainfall through the month. For southeast Louisiana and south Mississippi, rain totals for February were over 3.0 inches below seasonal normal amounts.