

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

REPORT FOR:

MONTH **JANUARY**YEAR **2005**

TO: Hydrometeorological Information Center, W/OH2
 NOAA / National Weather Service
 1325 East West Highway, Room 7230
 Silver Spring, MD 20910-3283

SIGNATURE

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 Meteorologist-In-Charge

DATE **FEBRUARY 15, 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)

...FLOODING DEVELOPED ALONG MISSISSIPPI AND ATCHAFALAYA RIVERS...

Snowmelt and heavy rainfall over the upper and middle reaches of the Mississippi River and Ohio River valleys produced flooding in Louisiana by mid-January 2005. The Lower Mississippi River flooded at Red River Landing, Baton Rouge, Donaldsonville, and Reserve. The Atchafalaya River flooded at Morgan City. Flooding on both rivers continued into February; all of the rivers crested in February. The flooding by January 31st developed as follows:

Location	River	Flood Stage	Highest Stage	Category
Red River Landing	Mississippi	48.0 feet	54.8 feet	Minor
Baton Rouge	Mississippi	35.0 feet	38.2 feet	Moderate
Donaldsonville	Mississippi	27.0 feet	28.2 feet	Minor
Reserve	Mississippi	22.0 feet	22.3 feet	Minor
Morgan City	Atchafalaya	4.0 feet	6.6 feet	Minor

From January 1st through January 9th, areal average rainfall for coastal Mississippi and most of southeastern Louisiana was less than 1.0 inch. Over south Mississippi areal rainfall averaged around 1.25 inch. For the week of January 10th through 16th, areal average rainfall amounts over southeastern Louisiana ranged from 1.33 inches to around 1.5 inches. Areal rainfall amounts were less than 0.10 inch for January 17th through 23rd. Scattered showers produced areal rainfall amounts around 0.5 inch over southeastern Louisiana for January 24th through 30th. Heavy rainfall developed as a frontal boundary stalled off the coast of Louisiana and Mississippi by the end of the month. Several locations received over 1.0 inch in storms on January 31st. The greatest rain amounts in Louisiana occurred at Baton Rouge Airport with 1.86 inches and Franklin 3NW with 1.16 inches.

Flood Warnings Issued	6
Flood Statements Issued	90