

**NWS FORM E-5**  
(11-88)  
(PRES. BY WSOM E-41)

**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 RIVER AND FLOOD CONDITIONS**

REPORT FOR:  
MONTH: **JANUARY** YEAR: **2003**

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**  
In Charge of HSA  
DATE **MARCH 28, 2003**

*When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41).*

**...River Flooding in early January...**

After heavy rainfall over much of the Lower Mississippi River Valley in late December, minor flooding continued along the Pearl River in early January. By New Year's Eve, low pressure was centered over the Arkansas-Texas-Louisiana region, with widespread rainfall amounts of more than 1.5 inches across southeastern Louisiana and southern Mississippi. This heavy rainfall produced flooding along the Pearl River at Bogalusa and Pearl River, Louisiana, with water remaining above the flood stages at these locations through January 10.

In response to the heavy rainfall during the first week of January, minor flooding developed January 1 along the Atchafalaya River at Morgan City, Louisiana. Minor flooding also briefly developed on January 1 along the Biloxi River at Lyman, Mississippi, and on January 2 on the East Hobolochitto Creek near Caesar (Carriere), Mississippi.

The weather for the remainder of January was dominated by high pressure and therefore drier. All river flooding ceased after January 10, although soil moisture remained relatively high.