

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: **AUGUST** 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 **September 15, 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).

...Dry Weather Allowed Rivers to Fall Through August...

Though several weak upper-level weather systems moved across the Lower Mississippi River valley, at the surface, high pressure dominated the weather through most of August. As a result, monthly rainfall was near normal to just below normal over southeast Louisiana, southwest Mississippi, and the coastal counties of Mississippi. No flooding developed over the area.

By late August 30, Tropical Storm Grace developed in the Gulf of Mexico and moved northwest toward Texas. After Grace moved inland along the central Texas coast on August 31, the storm quickly weakened to a depression. Locally heavy rainfall developed mainly over southwestern Louisiana. However, measured rainfall amounts over southeastern Louisiana and coastal Mississippi ranged from 0.10 inch to 1.5 inches.

In August, areal rainfall amounts over the river basins averaged from near two inches in southwest Mississippi to around six inches over parts of southeast Louisiana and coastal Mississippi. Measured precipitation totals at the end of the month ranged from 1.5 inch to 7.0 inches.