

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
JULY 2008

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE
PAUL S. TROTTER, MIC
DATE
AUGUST 15, 2008

When no flooding occurs, include miscellaneous river conditions below the small box, 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.

...SUMMERTIME AND THE LIVING IS STILL EASY...

July started with fair weather over southwestern Mississippi, coastal Mississippi, and southeastern Louisiana. Scattered thunderstorms produced areal average rain totals of 0.50 to 1.0 inch during the first days of the month. The week ending July 13th was dominated by a ridge of high pressure that limited thunderstorm development. Areal rainfall amounts for that week ranged from 0.30 to 0.72 inch over southeast Louisiana.

Typical, summer weather produced scattered thunderstorms during the second half of July. For the week ending July 20th, areal rainfall amounts averaged from 0.30 inch up to 0.93 inch over southeast Louisiana. On the 23rd, Hurricane Dolly moved across the Gulf of Mexico and made landfall at Brownsville, Texas. Louisiana received much-needed rains from the outer feeder bands. Areal rainfall amounts for the week ending on July 27th ranged from 0.61 inch to 1.34 inches over east central Louisiana. As July ended, thunderstorms produced isolated rain totals of 1.0 to 2.0 inches, mainly over the Florida Parishes and southeast Louisiana.

Flooding...

Minor flooding continued into July on the Atchafalaya River at Morgan City. The flooding ended by July 27th.

Monthly Reports by Agricultural Region	Areal Average	Departure from Normal
Southwest/South Central Mississippi (3 Sites)	2.48	-2.99
Coastal Mississippi	3.04	-3.82
Central Louisiana (3 Sites)	1.06	-4.60
East Central Louisiana	3.49	-2.49
South Central Louisiana (5 Sites)	3.20	-3.64
Southeast Louisiana	4.49	-2.48

Extreme Rainfall for the Month (Inches and Departure from Normal)

New Orleans Audubon Park, LA	7.15	+0.18	Hammond, LA	7.13	-0.09
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Drought...

Soil moisture levels were normal during July over all areas except southwest Mississippi. For southwest Mississippi conditions were abnormally dry (D0) except over a small part of Wilkinson County where moderate drought (D1) conditions persisted. This moderate drought area spread into western Amite County by July 8th. These moisture conditions persisted over the region into August.