

<b>NWS Form E-5</b> (04-2006) (PRES. BY NWS Instruction 10-924)	<b>U.S. DEPARTMENT OF COMMERCE</b> <b>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION</b> <b>NATIONAL WEATHER SERVICE</b>	HYDROLOGIC SERVICE AREA (HSA) <b>WFO NEW ORLEANS/BATON ROUGE LA</b>
		REPORT FOR: MONTH                      YEAR <b>JUNE                              2008</b>
<b>MONTHLY REPORT OF HYDROLOGIC CONDITIONS</b>		SIGNATURE <b>PAUL S. TROTTER, MIC</b>
TO: Hydrologic Information Center, W/OS31 NOAA's National Weather Service 1325 East West Highway Silver Spring, MD 20910-3283		DATE <b>JULY 15, 2008</b>

*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 EASY...**

***Corrections in Bold Italics***

June started with fair weather conditions over southwestern Mississippi, coastal Mississippi, and southeastern Louisiana and no significant rainfall. By the second week of June, a series of weather disturbances rippled across the region. Storms produced average rainfall amounts that ranged around 0.25 inch over east central Louisiana to 1.16 inches over southeast Louisiana. With estimated rain amounts of near 6.0 inches in a few hours, flash floods developed in Jefferson Parish and a few homes were flooded.

Typical summertime convective developed during the last half of June. For the week ending June 22<sup>nd</sup>, local amounts over 3.0 inches developed across southeast Louisiana. At Audubon Park in New Orleans, 5.57 inches of rain fell during the week, while Terrytown measured 5.29 inches and Algiers measured 3.66 inches. Rainfall was more widespread during the last days of June. Areal rainfall amounts for the week ending June 29<sup>th</sup> ranged from 0.96 inch over east central Louisiana to 1.27 inches over southeast Louisiana. More storms developed on June 30<sup>th</sup>, as a rare front pushed across the area. Several locations reported 0.3 inch or more.

**Flooding...**

***Minor flooding persisted throughout June and continued into July on the Atchafalaya River at Morgan City.*** Minor flooding on the Lower Mississippi River at Red River Landing ended on June 7th.

<b>Monthly Reports by Agricultural Region</b>	<b>Areal Average</b>	<b>Departure from Normal</b>
Southwest/South Central Mississippi (4 Sites)	2.58	-2.50
Coastal Mississippi	4.39	-0.55
<b><i>Central Louisiana (3 Sites)</i></b>	<b><i>2.87</i></b>	<b><i>-2.32</i></b>
East Central Louisiana	2.63	-2.50
South Central Louisiana (5 Sites)	3.05	-2.36
Southeast Louisiana	4.76	-1.10

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

New Orleans at Algiers, LA	9.77	+3.98	Paradis, LA	9.08	+3.38
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**Drought...**

Soil moisture levels were normal during June over all areas except southwest Mississippi. There abnormally dry (D0) conditions persisted. By June 24<sup>th</sup>, moderate drought conditions had developed over southwest Mississippi.