

NWS Form E-5 (04-2006) (PRES. BY NWS Instruction 10-924)	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA) NWFO New Orleans/Baton Rouge, LA
		REPORT FOR: MONTH YEAR May 2009
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		SIGNATURE Kenneth Graham, Meteorologist-In-Charge
TO: Hydrologic Information Center, W/OS31 NOAA's National Weather Service 1325 East West Highway Silver Spring, MD 20910-3283		DATE June 15, 2009

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.

...Spring Weather In Full Bloom During May...

A series of disturbances produced periods of heavy rainfall and severe weather across southwest Mississippi, coastal Mississippi, and southeast Louisiana during the first weeks of May. Areal rainfall totals for the first days of May were generally less than 0.10 inch. Areal rainfall totals for the week ending May 10th averaged from near 0.40 inch up to 2.78 inches across south-central Louisiana. For the week ending May 17th, areal average rainfall totals ranged from 0.58 inch to around 1.0 inch.

High pressure dominated the weather for most of the last two weeks of May. An extra-tropical low pressure system on May 22nd and two frontal boundaries during the last week of May produced periods of rain over the region. High pressure became established again as the month ended. For the week ending May 24th, areal rainfall totals ranged from 0.12 inch up to 1.38 inch over southeast Louisiana. Areal rainfall totals for the week ending May 31st averaged from 0.66 inch over coastal Mississippi to 1.0 inch over southeast Louisiana.

Flooding...

Flooding started along the Atchafalaya River at Morgan City in April and reached moderate levels on May 26th. Flooding started on May 9th along the Mississippi River at Red River Landing and reached moderate levels on May 20th. Flooding started in March along the Mississippi River at Baton Rouge and Donaldsonville. The floods reached moderate levels at Baton Rouge around May 20th and at Donaldsonville on May 31st. Minor flooding developed at Reserve on May 22nd. All flooding continued into June.

Monthly Reports by Agricultural Region	Areal Average	Departure from Normal
Southwest Mississippi (2 Sites)	3.86	-0.88
South Central Mississippi (2 Sites)	7.12	+1.57
Coastal Mississippi	4.90	-0.84
Central Louisiana (3 Sites)	4.19	-0.79
East Central Louisiana	2.85	-2.77
South Central Louisiana (5 Sites)	3.23	-1.60
Southeast Louisiana	3.60	-1.53

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

Galliano, LA	8.03	+2.28	Tylertown, MS	7.64	+1.93
Butte La Rose, LA	7.24		McComb, MS	6.61	+1.21

Drought...

Soil conditions were normal for southeastern Louisiana, southwestern Mississippi and coastal Mississippi in May.