

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
April 2009

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

SIGNATURE
Kenneth Graham, Meteorologist-In-Charge

DATE
May 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.

...EXTENSIVE FLOODING CONTINUED FROM MARCH INTO APRIL...

April started with rainfall over southeastern Louisiana, southwestern Mississippi, and coastal Mississippi. Areal rainfall totals were 0.50 inch or less. Unstable weather developed through the week of April 6th. The heaviest rainfall with this system occurred on April 13th. A warm front over the region on April 17th and 18th generated another round of heavy rains and severe weather. Areal rainfall totals for the week ending April 12th were generally less than 0.05 inch. The areal rainfall totals for the week ending April 19th ranged from around 1.00 inch to over 3.0 inches. Mostly fair weather dominated the region until April 27th when return flow from the Gulf of Mexico met with a front. Areal average rain totals through the end of April were generally less than 0.10 inch.

Flooding...

In Louisiana, flooding intensified on the Pearl River, the Tangipahoa River, and the Bogue Chitto River after the heavy, late-March rains. Moderate flooding persisted until April 1st on the Bogue Chitto River at Bush; all flooding ended there on April 3rd. On the Pearl River, major flooding occurred at Pearl River until April 5th. Moderate flooding continued at Bogalusa until April 7th and at Pearl River until April 9th. As minor flooding continued on the Pearl River, conditions were exacerbated by heavy rains from April 13th through April 18th.

After moderate flooding in March, water receded on the Tangipahoa River at Robert by April 1st. Minor flooding from March ended on April 1st at Bayou Manchac Point on the Amite River; at Little Prairie on Bayou Manchac; at Holden on the Tickfaw River; and at Orange Grove, MS on the Escatawpa River. Minor flooding continued from March into May on the Atchafalaya River at Morgan City.

Minor floods developed again on and after April 13th. Flooding ended on the Biloxi River at Lyman on April 14th and on the Bogue Chitto River at Tylertown and Franklinton on April 15th. By April 18th, the Bogue Chitto River fell below flood stage at Bush. At Bogalusa and Pearl River on the Pearl River, waters receded on April 18th and 20th, respectively. Flooding on the Pascagoula River at Graham Ferry ended on April 20th.

Monthly Reports by Agricultural Region	Areal Average	Departure from Normal
Southwest Mississippi (2 Sites)	3.50	-2.44
South Central Mississippi (2 Sites)	2.96	-2.76
Coastal Mississippi	1.39	-3.75
Central Louisiana (3 Sites)	4.09	-1.40
East Central Louisiana	2.70	-2.91
South Central Louisiana (6 Sites)	3.24	-1.58
Southeast Louisiana	1.43	-3.31

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

New Roads 5NE, LA

5.20 -0.04

Gloster, MS

5.12

Drought...

Soil conditions were normal in April across southwest Mississippi, coastal Mississippi and southeast Louisiana.