

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:  
MONTH                      YEAR  
OCTOBER                      2008

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

SIGNATURE  
**KENNETH GRAHAM, MIC**  
DATE  
**NOVEMBER 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.

**...DRY CONDITIONS PREDOMINATE DURING OCTOBER ...**

Though a cold front moved across the region at the onset of September, virtually no precipitation occurred. Another boundary on October 4<sup>th</sup>, also yielded little rainfall and acerbated the developing drought conditions. Areal rainfall amounts for the week that ended on October 5<sup>th</sup> were less than 0.05 inch.

During the next week, a cold front crossed the region and produced modest rainfall on October 7<sup>th</sup>. Areal rainfall amounts for the week that ended on October 12<sup>th</sup> ranged from 0.60 inch to 1.25 inches across southeast Louisiana.

The scarcity of precipitation during mid-October dried the soils to near drought conditions. A frontal boundary pushed through the region on October 16<sup>th</sup> and brought some rainfall. Areal rainfall amounts for the week that ended on October 19<sup>th</sup> were less than 0.25 inch.

Fair weather gave way to scattered thunderstorms on October 22<sup>nd</sup> and 23<sup>rd</sup>. Isolated areas had rainfall amounts of over 1.0 inch. Areal rainfall amounts for the week that ended on October 26<sup>th</sup> were less than 0.25 inch, except over southeast Louisiana where areal rainfall averaged at 0.42 inch. Dry conditions persisted over the entire region during the last days of October.

Monthly Reports by Agricultural Region	Areal Average	Departure from Normal
Southwest/South Central Mississippi (4 Sites)	2.19	-1.49
Coastal Mississippi	1.38	-1.80
Central Louisiana (3 Sites)	0.84	-3.15
East Central Louisiana	0.99	-2.61
South Central Louisiana (7 Sites)	0.80	-3.69
Southeast Louisiana	1.87	-1.48

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

Boothville, LA                      4.95    +1.73

**Drought...**

Normal soil conditions persisted over southern Mississippi and southeastern Louisiana throughout October. However, as October ended, the lack of rainfall began to impact the soils negatively.