

NWS FORM E-5 (11-88) (PRES. by NWS Instruction 10-924)	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA)	
		NEW ORLEANS/BATON ROUGE, LA	
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		REPORT FOR:	YEAR
		MONTH JUNE	YEAR 2015
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		SIGNATURE	
		KENNETH GRAHAM METEOROLOGIST-IN-CHARGE	
		DATE JULY 15, 2015	

When no flooding occurs, include miscellaneous river conditions, 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.

...Copious Rainfall in June 2015...

Spotty rainfall developed at the beginning of June over parts of southeastern Louisiana and southern Mississippi. Isolated heavier amounts over 2.0 inches occurred, mainly over Louisiana. Areal rainfall totals for the week ranged from 0.6 to 0.88 inch.

During the following week, a dynamic weather pattern produced severe storms with heavy rains across the region. Extreme rain totals were 4.99 inches at Port Allen, LA; 4.90 inches at Convent, LA; 4.42 inches at Plaquemine, LA; and 4.10 inches at LSU Ben Hur Farm. Areal average rainfall totals ranged from 1.55 inches to 2.92 inches over parts of central and south central Louisiana.

Tropical Storm Bill intensified over the Gulf of Mexico by June 16th and made landfall near Matagorda Island, TX. The tropical system caused severe weather over northern Louisiana during the week. Only scattered storms developed over parts of southeastern Louisiana and southern Mississippi. Areal average rainfall totals ranged from 0.33 inch to 0.6 inch.

During the weather week of June 22nd through June 28th, localized heavy rainfall occurred region-wide. Extreme totals measured in Louisiana were 6.30 inches at Carville; 5.20 inches at Baton Rouge/Sherwood Forest; and 4.27 inches at Plaquemine. Areal average rainfall totals for the week ranged from near 1 inch to around 3.0 inches across parts of south central Louisiana.

As June ended, scattered storms produced localized rainfall amounts of 1.0 inch to 1.2 inches. Most areas had less than an inch for June 29th and 30th.

Flooding...

Minor flooding developed on the Mississippi River at Red River Landing on June 4th and continued into July.

Monthly Reports by Agricultural Region	Areal Average	Departure from Normal
Southwest Mississippi (1 Site)	2.18	N/A
South Central Mississippi (1 Site)	4.33	- 0.92
Coastal Mississippi	5.50	- 0.75
Central Louisiana (2 Sites)	6.80	+1.75
East Central Louisiana	4.96	- 0.17
South Central Louisiana (5 Sites)	7.78	+2.03
Southeast Louisiana	4.29	- 1.57

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

Baton Rouge/Sherwood, LA	11.24	+5.86	Carville, LA	8.88	+2.78
Port Allen, LA	11.15	+5.56	LSU Ben Hur Farm, LA	8.86	+3.05
Plaquemine, LA	10.05	+4.71	Pascagoula, MS	8.70	+2.31
Convent, LA	9.86		Ponchatoula, LA	8.42	+3.44
Baton Rouge/Concord, LA	9.02	+3.05	Donaldsonville, LA	8.08	+2.51

Along with other information sources, data and reports are routinely mined from the following:

NOAA National Weather Service

NOAA Southern Regional Climate Center

Louisiana Office of State Climatology

Mississippi Office of State Climatology

Harrison County Emergency Management Agency

United States Geological Survey

United States Army Corps of Engineers

St. Tammany Parish Office of Engineering

USDA/National Drought Mitigation Center

Mississippi and Louisiana CoCoRaHS