

<b>NWS FORM E-5</b> (11-88) (PRES. by NWS Instruction 10-924)	<b>U.S. DEPARTMENT OF COMMERCE</b> NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA)	
		<b>NWFO NEW ORLEANS/BATON ROUGE, LOUISIANA</b>	
<b>MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS</b>		REPORT FOR: MONTH <b>JANUARY</b>	YEAR <b>2006</b>
		SIGNATURE Paul S. Trotter, Meteorologist-In-Charge	
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		DATE <b>FEBRUARY 15, 2006</b>	

*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)*

**...Considerable Rainfall Occurred in January 2006...**

January started out with fair, dry weather over southeastern Louisiana and southern Mississippi. Most areas had measured no rainfall through January 8<sup>th</sup>. However, isolated showers over southeast Louisiana on January 2<sup>nd</sup> produced an areal average of 0.22 inch.

Significant rainfall developed over southeastern Louisiana and southern Mississippi by January 10<sup>th</sup>. Another cold front produced heavier rainfall on January 13<sup>th</sup> and 14<sup>th</sup>. With this widespread rain, areal average totals ranged from 0.31 inch over east-central Louisiana to 0.51 inch over southeast Louisiana.

Wet weather developed over the region on several days through January 29<sup>th</sup>. A few locations measured over 2.00 inches during the strong storms of January 21<sup>st</sup> and again on January 23<sup>rd</sup>.

Areal average rain totals for the week of January 16<sup>th</sup> through 22<sup>nd</sup> ranged from 1.38 inches over east-central Louisiana to 1.89 inches over southeast Louisiana. Areal average rainfall amounts for the week of January 23<sup>rd</sup> through 29<sup>th</sup> ranged up to 0.64 over east-central Louisiana.

The month ended as it began – with fair weather and no rainfall.

**Drought...**

Normal soil conditions over southeastern Louisiana and southern Mississippi ended by January 10<sup>th</sup>, when conditions became abnormally dry over the entire region. By January 17<sup>th</sup>, moderate drought conditions developed for the entire region and persisted almost until January 31<sup>st</sup>. By the end of the month, the widespread rain had eased drought conditions for extreme southwest Mississippi, while other areas remained in moderate drought.

**Flooding...**

Flooding develop on the Lower Pearl River at Bogalusa, Louisiana on January 25<sup>th</sup> after widespread rainfall during the later part of January over the region and upstream. By January 31<sup>st</sup>, the flooding extended to Pearl River, Louisiana. The Lower Pearl River remained above flood stages at both locations into February.

**Issuances...**

- Flood Warnings        4
- Flood Statements     15