

# FLOOD TRACKING CHART

## Amite River Basin, Louisiana

For current data, access the USGS "Home Page" at <http://www.dlabrg.er.usgs.gov>

This Amite River Basin Flood Tracking Chart can be used by local citizens and emergency response personnel to record the latest river stage and predicted flood crest information along the Amite and Comite Rivers and Bayou Manchac. By comparing the current stage (water-surface elevation above some datum) and predicted flood crest to the recorded peak stages of previous floods, emergency response personnel and residents can make an informed decision concerning the threat to life and property.

This chart shows a map of the basin, with the location of major real-time river stage stations. A graph for each site indicates the five highest recorded peak stages at that station and provides a scale on which to record the most recently reported river stage from the U.S. Geological Survey (USGS). For each station that is a forecast point, the predicted flood crest information from the National Weather Service (NWS) can be recorded. Winds from the southeast can affect flooding in the southern part of the basin.

During a flood, the USGS provides current river stage information to the public through news releases, and more directly through a "Home Page" on the Internet and a voice message.

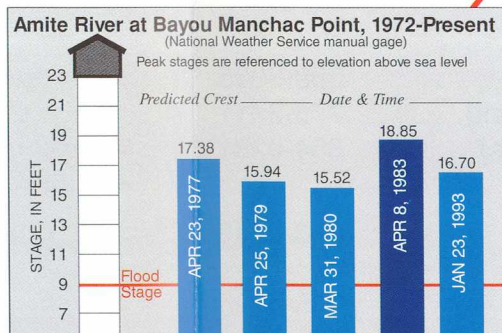
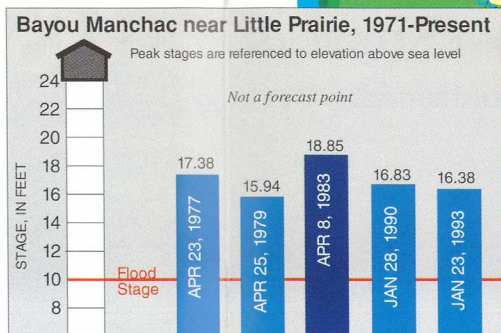
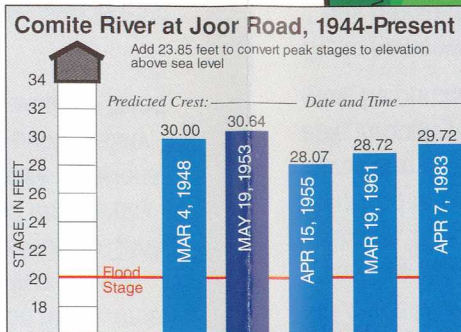
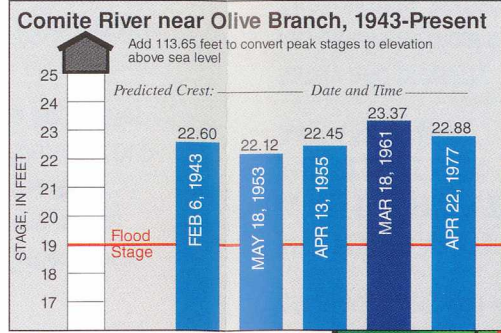
- The Louisiana District of the USGS displays available real-time river stage data on the World Wide Web at the following Uniform Resource Locator (URL) address: <http://www.dlabrg.er.usgs.gov>
- A voice message, which gives the latest river stages, can be accessed by calling the Advocate Info Line<sup>1</sup> at 383-0000 and specifying extension 4444 for the East Baton Rouge Parish Office of Emergency Preparedness.

The USGS data are used by the NWS for their forecasting models. The NWS routinely broadcasts this forecast information to the news media and on short-wave radio at a frequency of 162.40 MHz (megahertz).

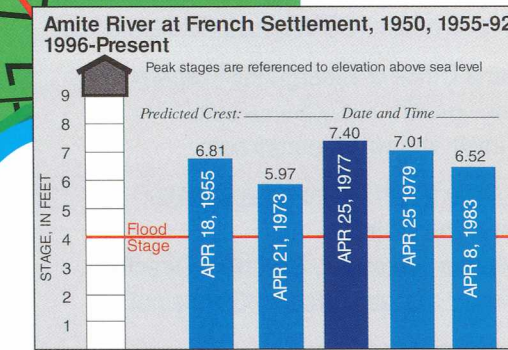
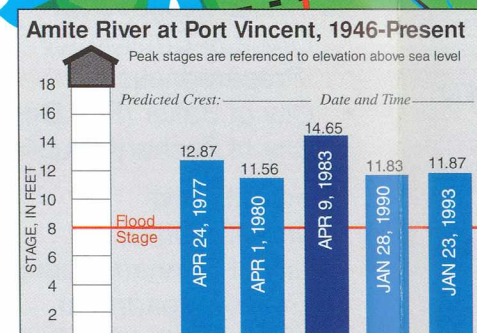
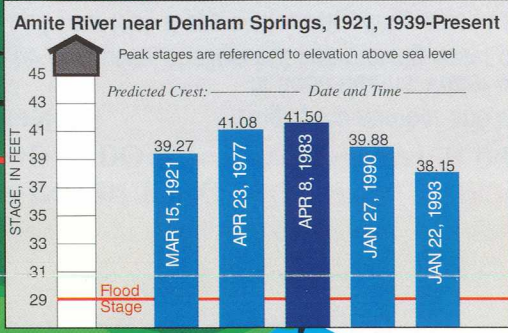
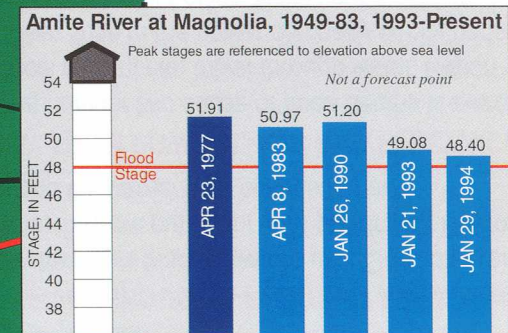
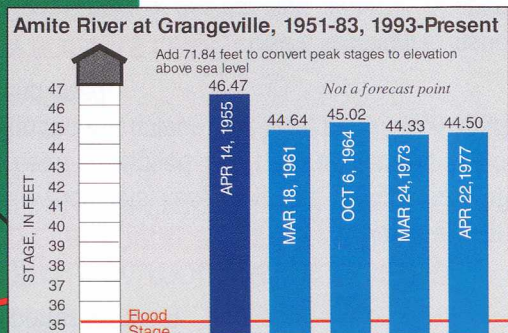
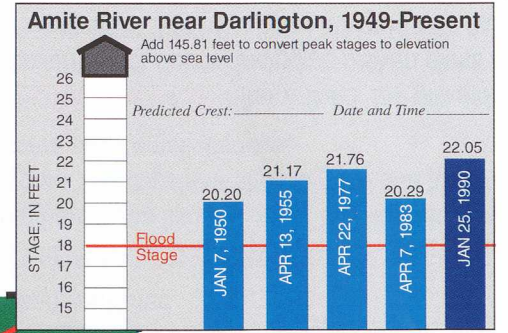
Four of the stations in the upper part of the basin must have their stage readings converted to elevation above sea level. Instructions for converting stage to elevation above sea level for each of these stations are provided in the corresponding graph for that station. The dark blue bar in each graph represents the highest recorded peak stage for the station.

The table below the map lists the peak stages at each station for the floods of 1977, 1983, 1990, 1993, and 1994. For example, of these years, the highest peak stage at Comite River at Joor Road occurred April 7, 1983.

<sup>1</sup>Any use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Geological Survey.



CONVERSION TABLE	
TO CONVERT STAGE TO SEA LEVEL	
EXAMPLE:	Amite River at Darlington
If stage = 15.84 ft and sea level conversion factor = 145.81 ft,	
Elevation above sea level = 15.84 ft + 145.81 ft	
= 161.65 ft	



PEAK STAGES, IN FEET, FOR SELECTED FLOODS SINCE 1977

[Elevation is above sea level except as noted; NA, not available]

Flood (year of record)	Comite River		Bayou Manchac	Amite River						
	Near Olive Branch <sup>2</sup>	At Joor Road <sup>2</sup>	Near Little Prairie	Near Darlington <sup>2</sup>	At Grangeville <sup>2</sup>	At Magnolia	Near Denham Springs	At Bayou Manchac Point	At Port Vincent	At French Settlement
1977	22.88 APR 22	27.52 APR 23	17.38 APR 23	21.76 APR 22	44.50 APR 22	51.91 APR 23	41.08 APR 23	17.38 APR 23	12.87 APR 24	7.40 APR 25
1983	19.70 APR 6	29.72 APR 7	18.85 APR 8	20.29 APR 7	39.45 APR 7	50.97 APR 8	41.50 APR 8	18.85 APR 8	14.65 APR 9	6.52 APR 8
1990	19.11 JAN 25	26.54 JAN 26	16.83 JAN 28	22.05 JAN 25	NA	51.20 <sup>3</sup> JAN 26	39.88 JAN 27	NA	11.83 JAN 28	5.72 JAN 27
1993	14.42 JAN 21	27.58 JAN 21	16.38 JAN 23	16.08 JAN 21	31.27 JAN 21	49.08 JAN 21	38.15 JAN 22	16.70 JAN 23	11.87 JAN 23	NA
1994	15.12 JAN 28	23.91 JAN 29	14.42 JAN 31	20.17 JAN 28	33.64 JAN 29	48.40 JAN 29	36.10 JAN 30	14.80 <sup>3</sup> JAN 30	10.18 JAN 31	NA

<sup>2</sup>Stage at these stations is reported at gage datum; see the conversion table above to convert stage to elevation above sea level.  
<sup>3</sup>Provided by the National Weather Service.

