



Introduction.—The approximate areas flooded by Hurricane Frederic tides of September 12-13, 1979, along coastal areas of Alabama, Florida, and Mississippi are shown in a series of hydrologic atlases. The atlases (fig. 1) are listed below. The area covered by the atlases extends from about 8 miles west of Fort Walton Beach, Fla., westward along the Gulf Coast through Alabama to Moss Point, Miss., a distance of about 115 miles.

The Bridgehead quadrangle map shows the areas flooded along the Mobile Causeway (U.S. Highway 90) from the Tensaw River to Spanish Fort, Ala. and the eastern shore of Mobile Bay in the vicinity of Spanish Fort. Most buildings and business establishments along the Mobile Causeway were completely destroyed, and the remaining buildings were severely damaged by floodwater and tidal waves. Elevations shown are referred to National Geodetic Vertical Datum of 1929 (NGVD).

HYDROLOGIC INVESTIGATIONS ATLAS NUMBER		
MISSISSIPPI	Kreole-Grand Bay SW.....	HA-621
ALABAMA	Weeks Bay NE.....	HA-632
	Weeks Bay SE.....	633
	Grand Bay.....	HA-622
	Chickasaw.....	623
	Mobile.....	624
	Hollings Island-Theodore.....	625
	Coden-Bellefontaine.....	626
	Heron Bay, Little Dauphin Island, Fort Morgan, and Fort Morgan NW.....	627
	Bay Minette NW, Bay Minette NE, and Creola NE.....	628
	Hurricane.....	629
	Bridgehead.....	630
	Daphne-Point Clear.....	631
FLORIDA	Perdido Bay.....	HA-638
	West Pensacola.....	639
	Gulf Breeze-Fort Barrancas.....	640
	Orlando Beach, Garcon Point, Holley, South of Holley, and Navarre.....	641

