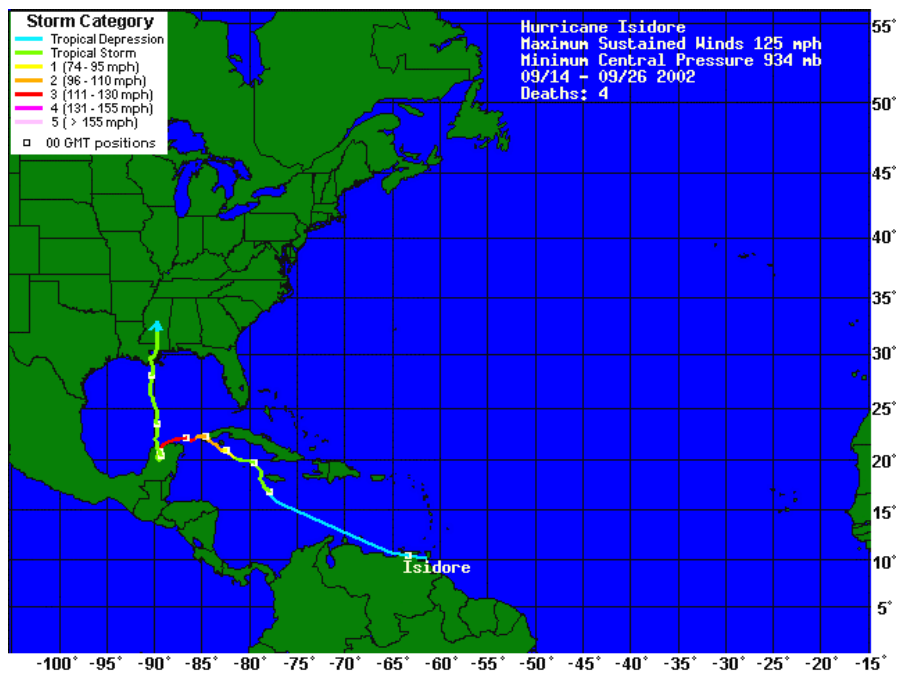
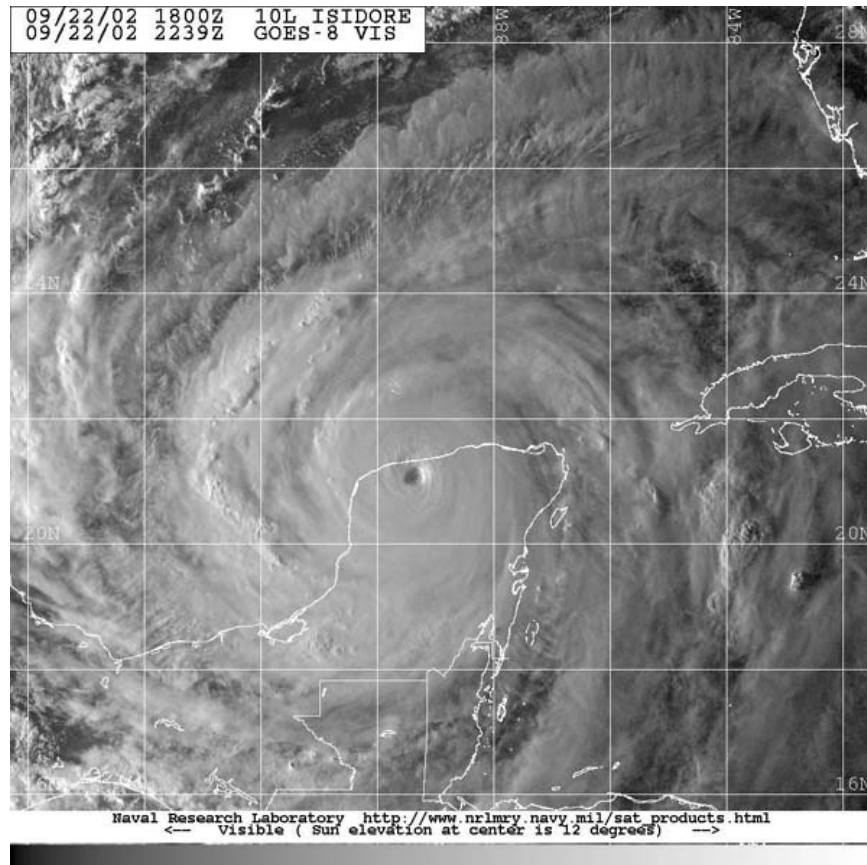


# Hurricane Isidore

## September 2002

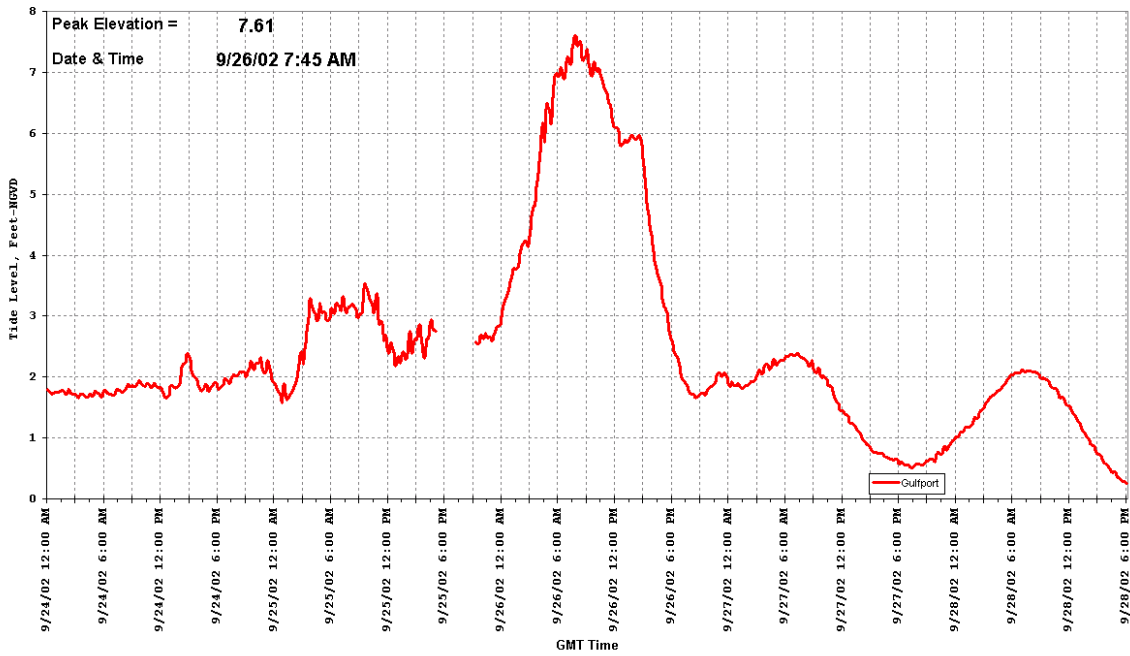


## Tide Gage Data for Tropical Storm Isidore

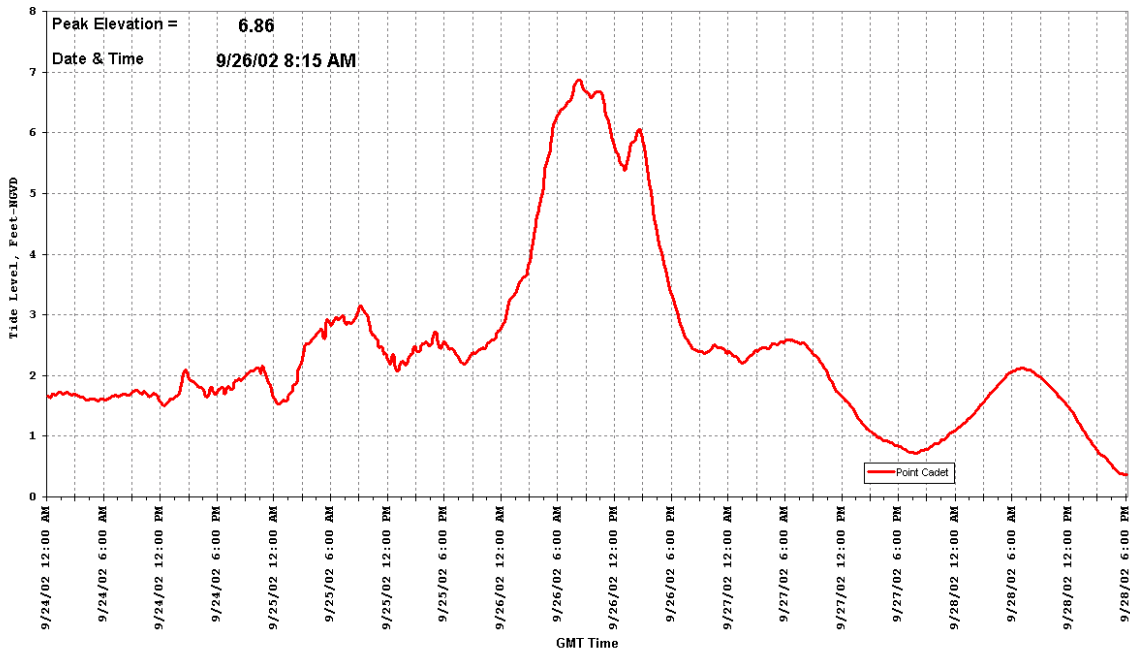
Mobile District maintains a network of tide gages along the Gulf Coast from Gulfport, MS eastward to Carrabelle, FL. When there is a great possibility that a hurricane is going to strike the Gulf Coast COE personnel are dispatched to remove recorded data from coastal gages and insure that the gages are working properly to record the hurricane surge. All equipment is removed from gage sites in areas of direct storm path. Tide levels along the Gulf Coast for the time period during the storm are available at 22 gages. No gage was destroyed by the storm but two gages malfunctioned. The next section contains the tide hydrographs. The following table contains location and storm peak information for the tide gages. For comparison peak information from Hurricane Georges (Sept 28, 1998) is listed. Location maps follow the hydrographs.

Tide Gage Designation	Peak During Isidore (ft-NGVD)	Peak During Georges (ft-NGVD)	Latitude	Longitude
Gulfport Harbor at Gulfport, MS	7.61	7.05	30° 21' 37"	89° 05' 27"
Biloxi Bay at Point Cadet	6.86	7.17	30° 23' 23"	88° 51' 26"
Back Bay Biloxi at Biloxi, MS		8.05	30° 24' 17"	88° 50' 40"
Pascagoula River at Pascagoula, Middle Gage at Bayou LaBatre	5.75	8.36	30° 22' 01"	88° 33' 48"
Mobile River at Mobile, AL	5.64	8.94	30° 42' 16"	88° 02' 22"
Mobile Bay at Cedar Point, AL	4.71	5.60	30° 18' 38"	88° 08' 18"
Dauphin Island Bay at Dauphin		5.00	30° 15' 30"	88° 06' 28"
Mobile Bay at Dauphin Island	3.74	4.59	30° 15' 04"	88° 04' 46"
Perdido Pass Orange Beach, AL	4.68	5.58	30° 16' 43"	87° 33' 18"
Pensacola NOAA Dock, FL	4.94		30° 24' 13"	87° 12' 44"
Ft. Walton, FL	3.11		30° 24' 00"	86° 36' 00"
East Pass at Destin, FL	3.57	4.60	30° 23' 31"	86° 31' 33"
Freeport, FL	3.23		30° 24' 43"	86° 10' 08"
West Bay, FL	4.22		30° 17' 38"	85° 51' 31"
St Andrew Bay Panama City, FL	3.29	3.51	30° 09' 10"	85° 40' 00"
Apalachicola River at	4.20	4.52	29° 43' 59"	84° 59' 43"
Carrabelle River at Carrabelle, FL	4.65	4.58	29° 51' 06"	84° 40' 33"
Off Shore gages				
Ship Island, MS Sound	6.05		30° 12' 43"	88° 58' 19"
Petit Bois Island, MS Sound	5.14		30° 12' 52"	88° 30' 20"
Pascagoula PI, MS Sound	5.58		30° 17' 56"	88° 30' 52"
Exxon Well, GIWW	4.70		30° 11' 18"	88° 07' 18"
Middle Bay, Mobile Bay	5.74		30° 26' 42"	88° 06' 51"
McNally, Mobile Bay	5.30		30° 35' 38"	88° 02' 02"
St. George Island, GIWW	4.40		29° 41' 14"	84° 52' 37"

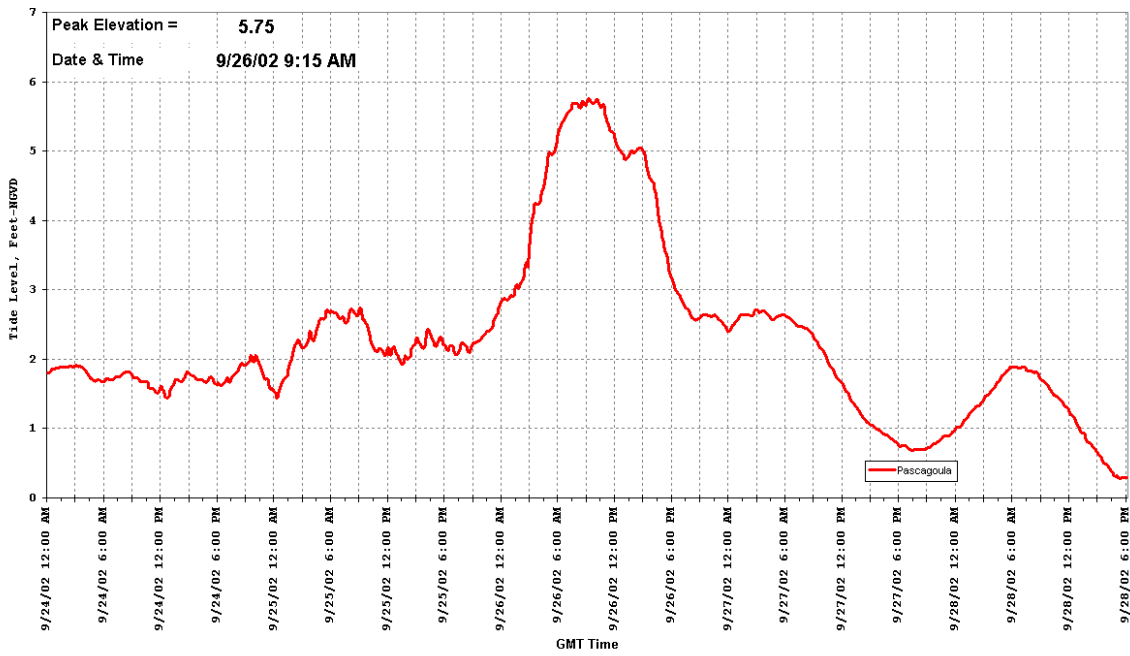
### Gulfport



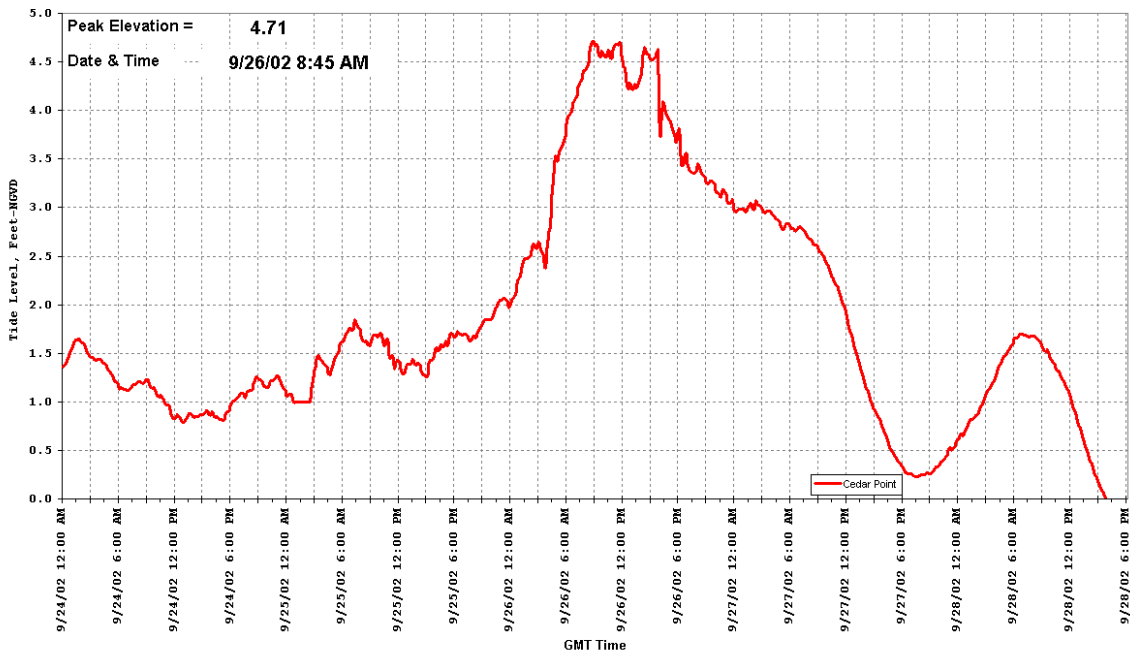
### Point Cadet



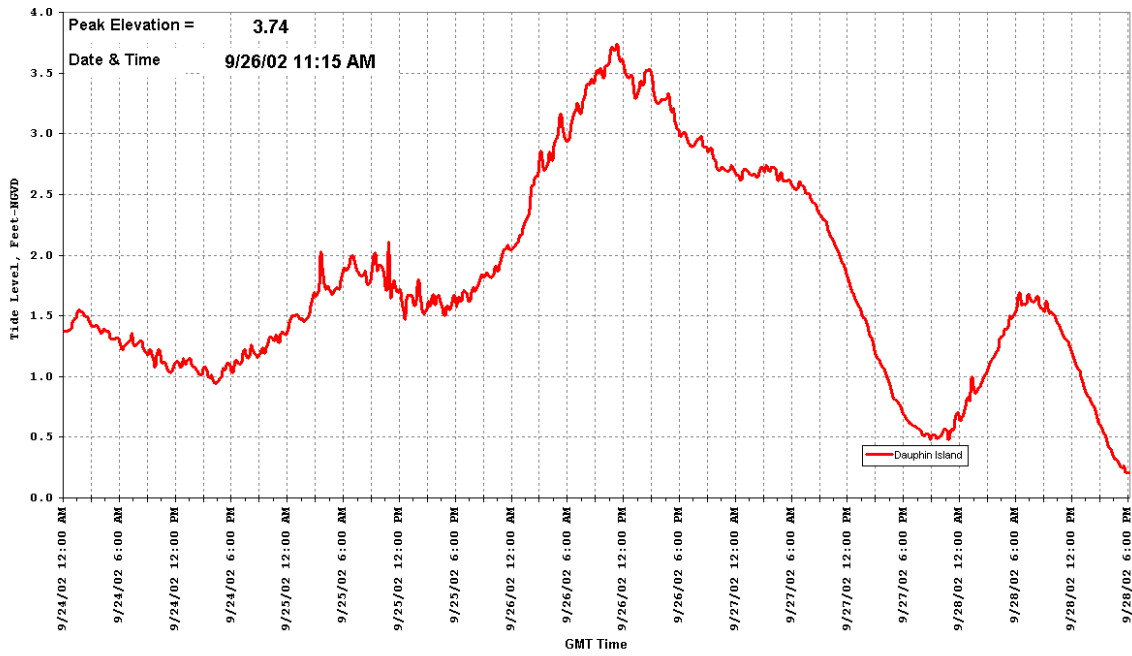
### Pascagoula



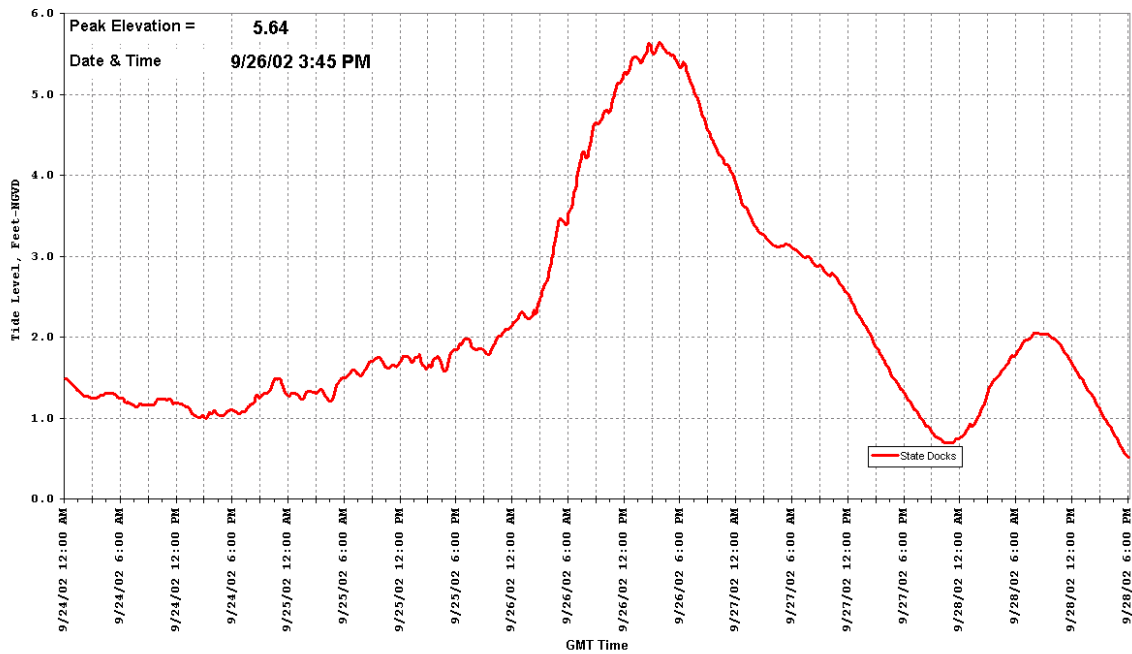
### Cedar Point



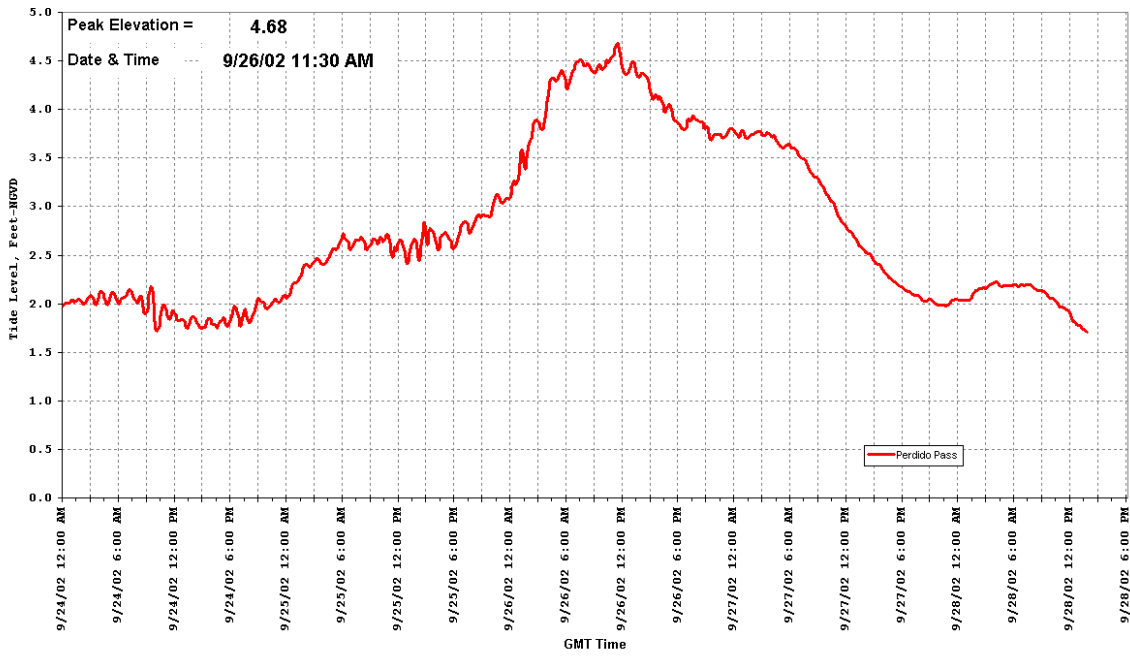
### Dauphin Island



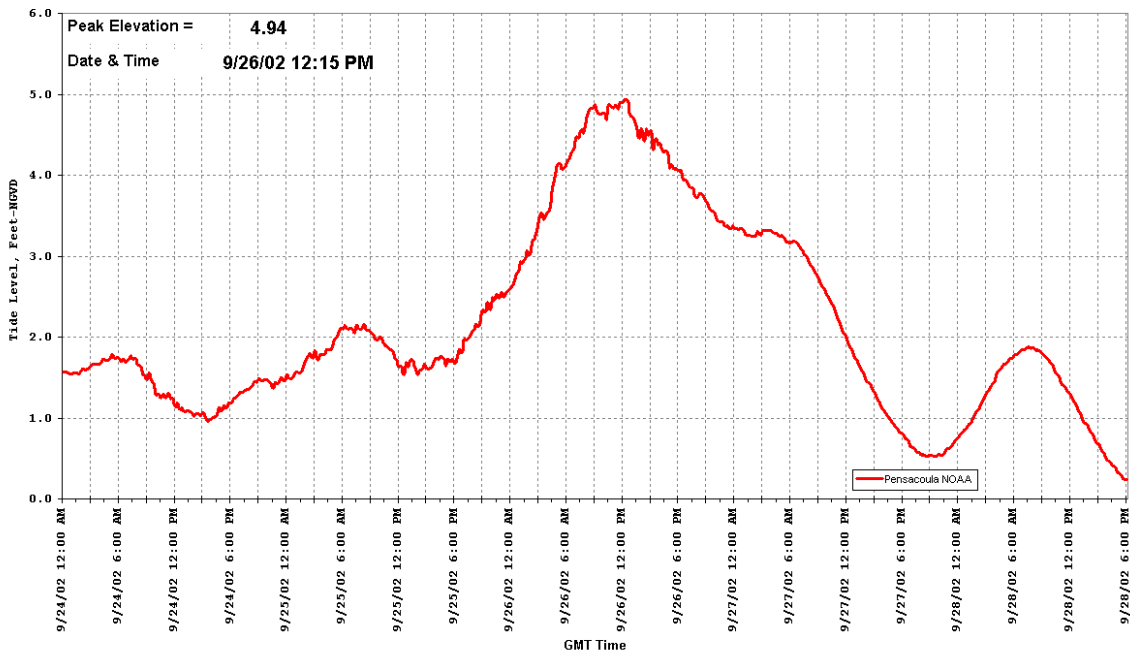
### State Docks



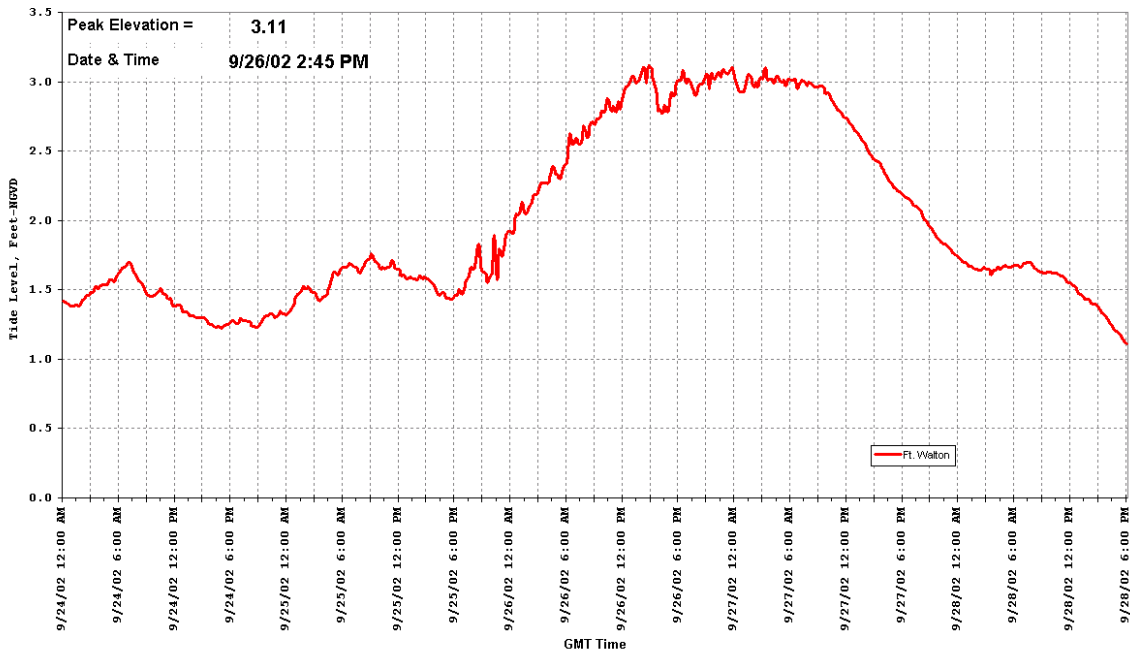
### Perdido Pass



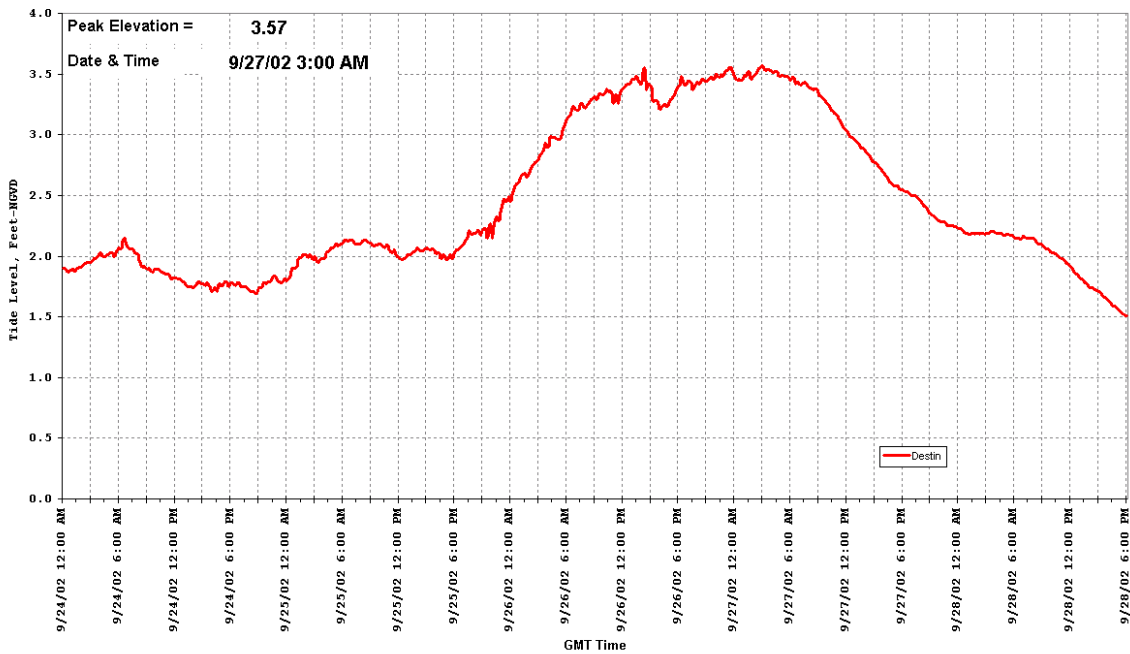
### Pensacola NOAA



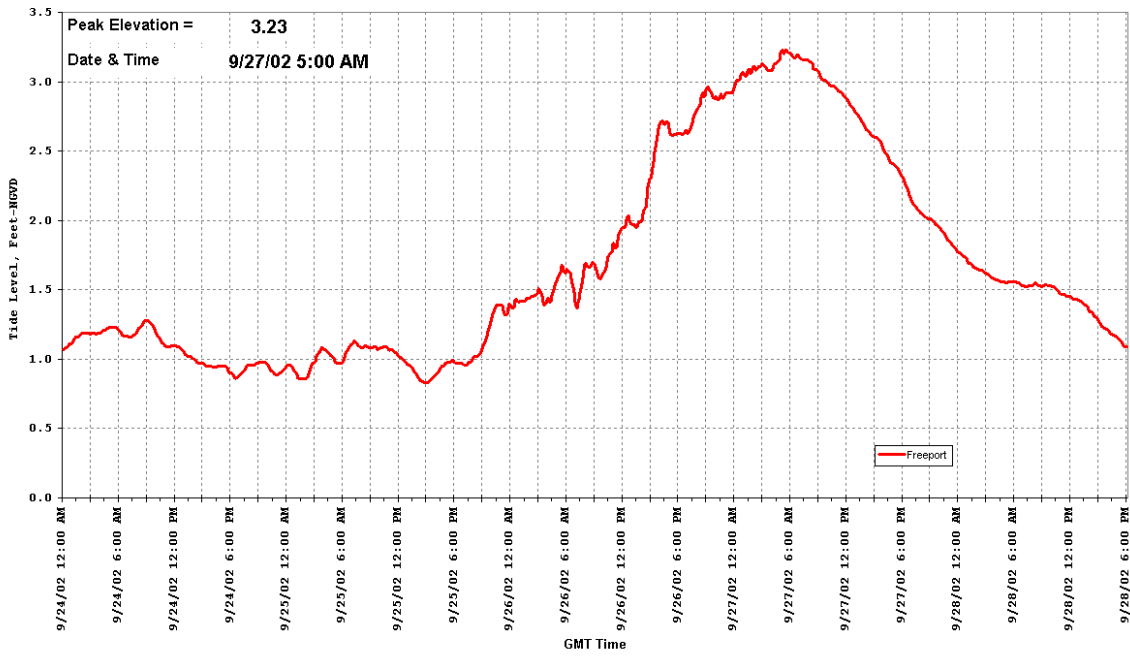
### Ft. Walton



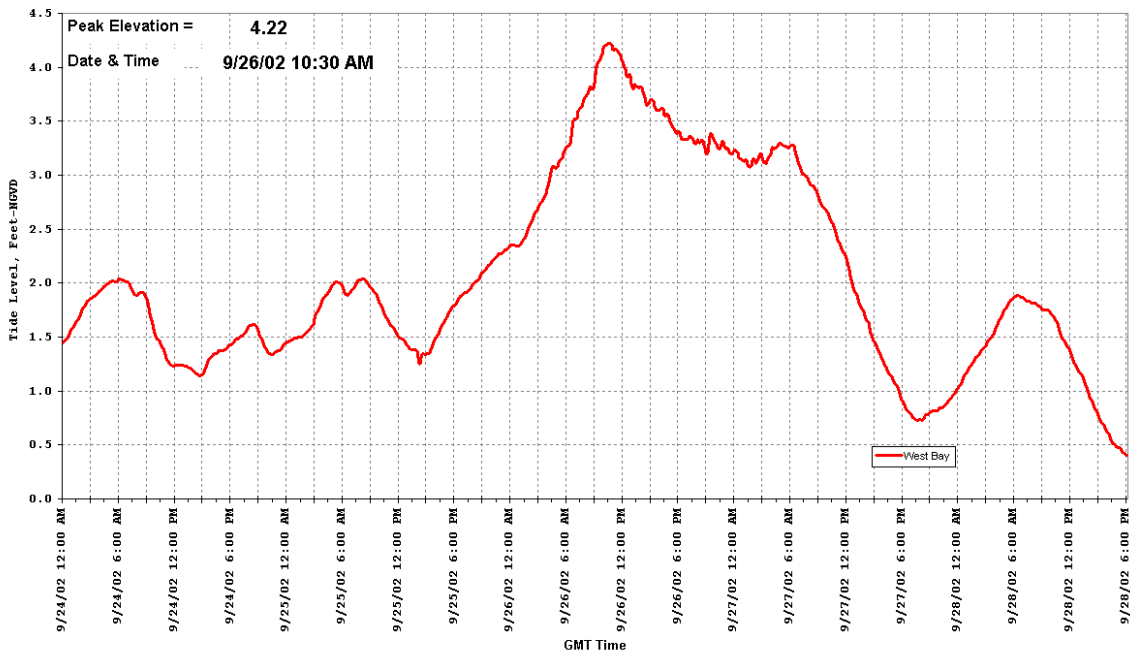
### Destin



### Freeport

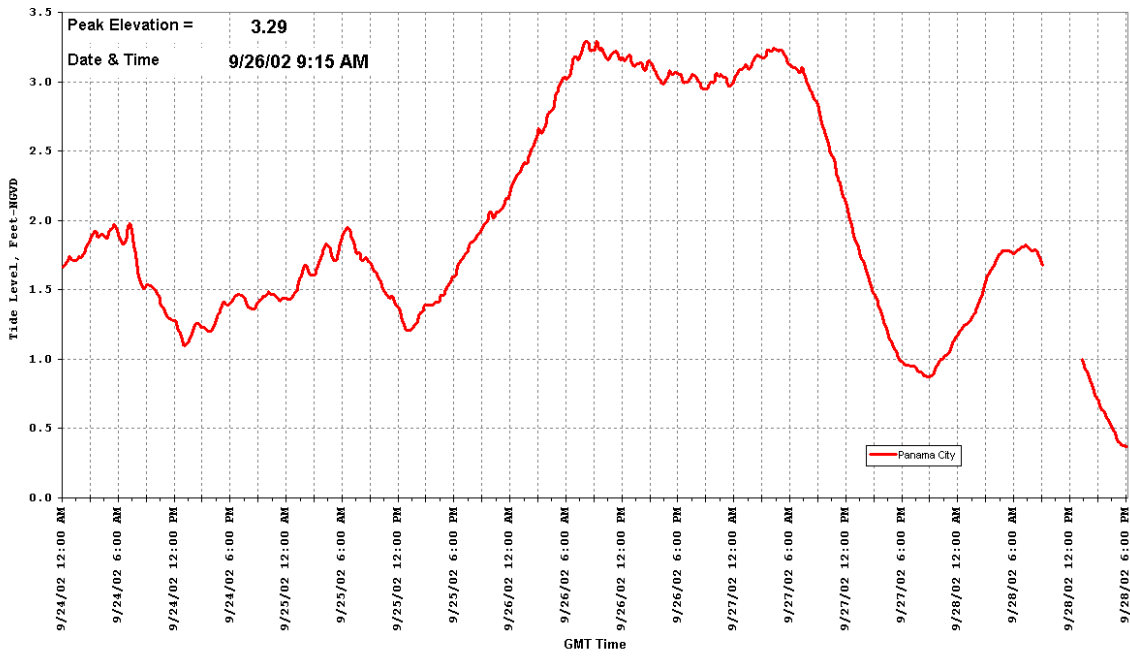


### West Bay

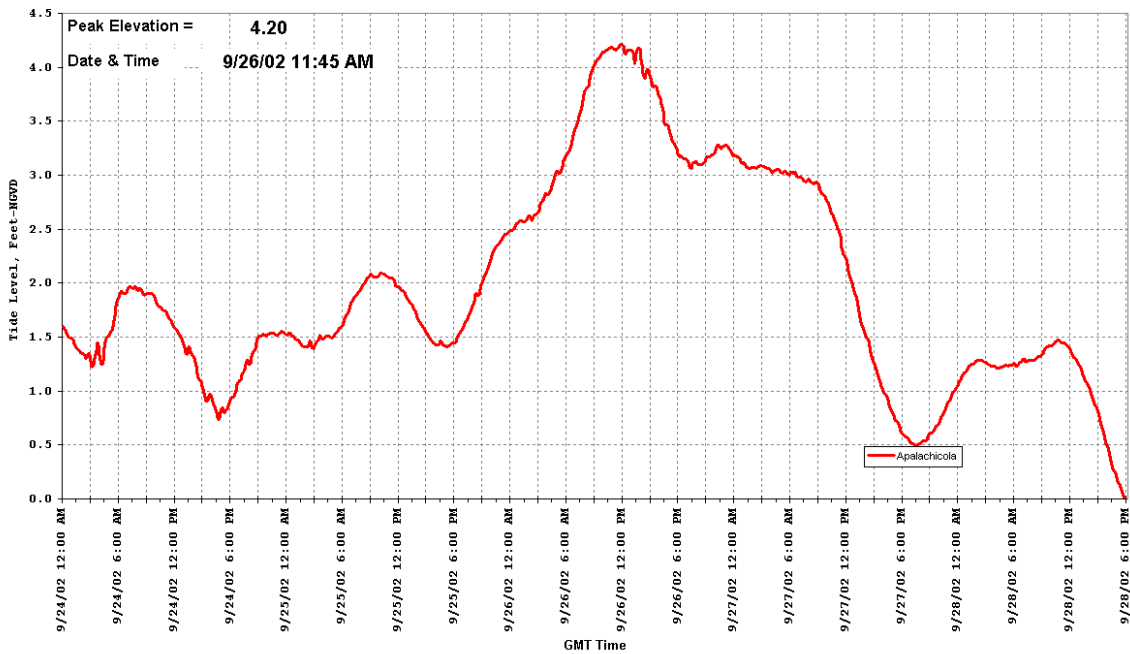




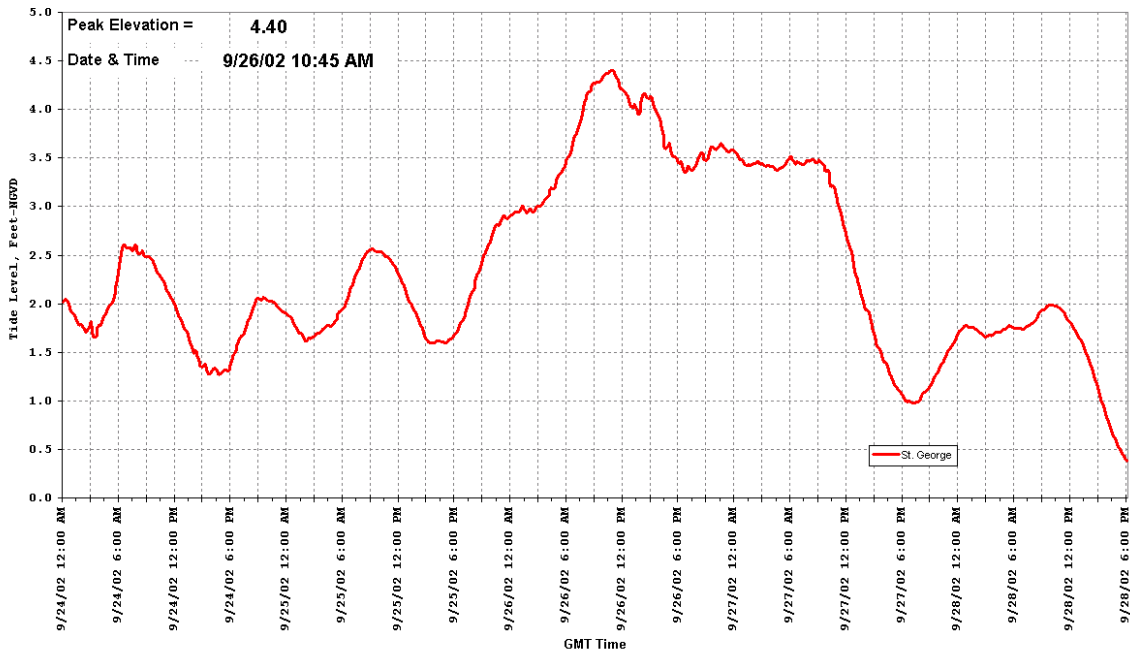
### Panama City



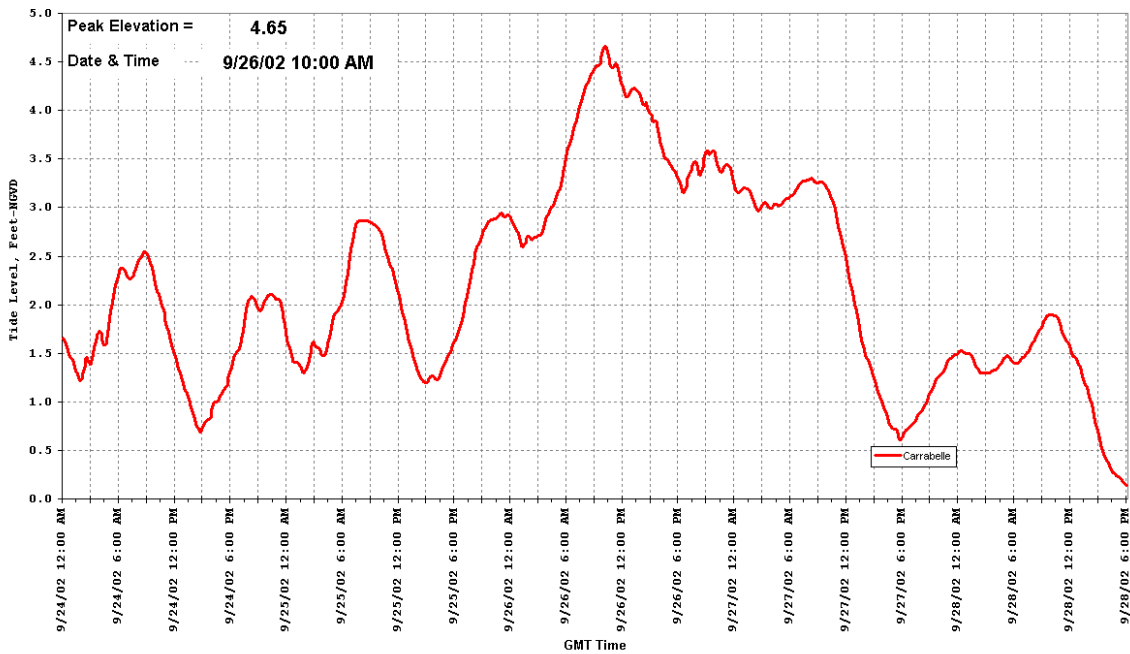
### Apalachicola



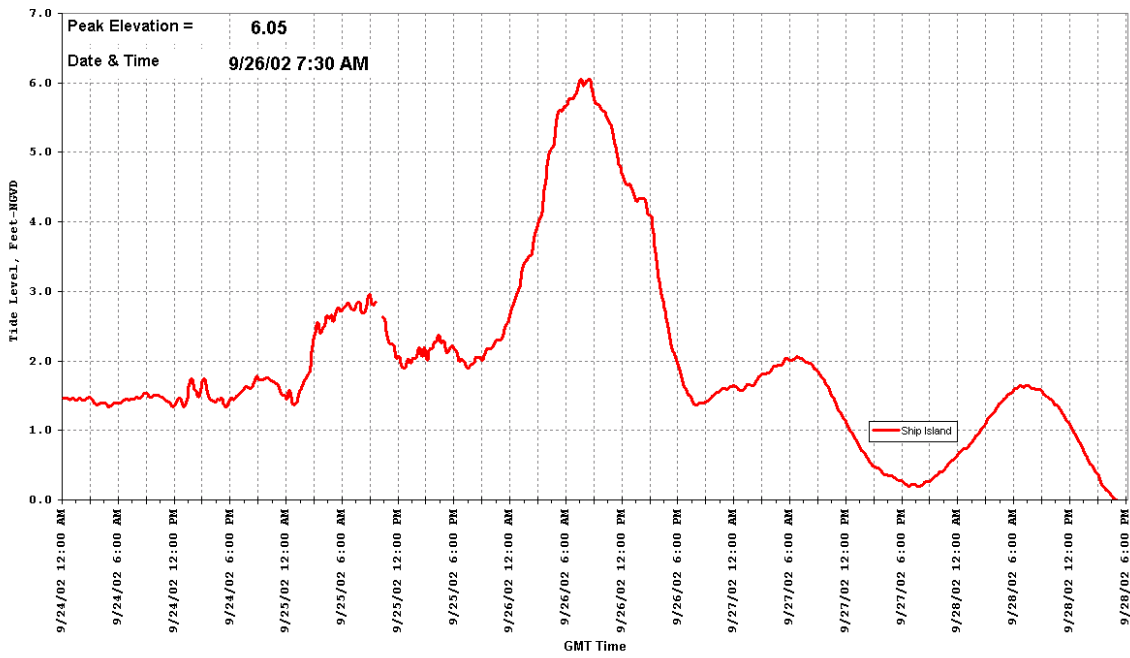
### St. George



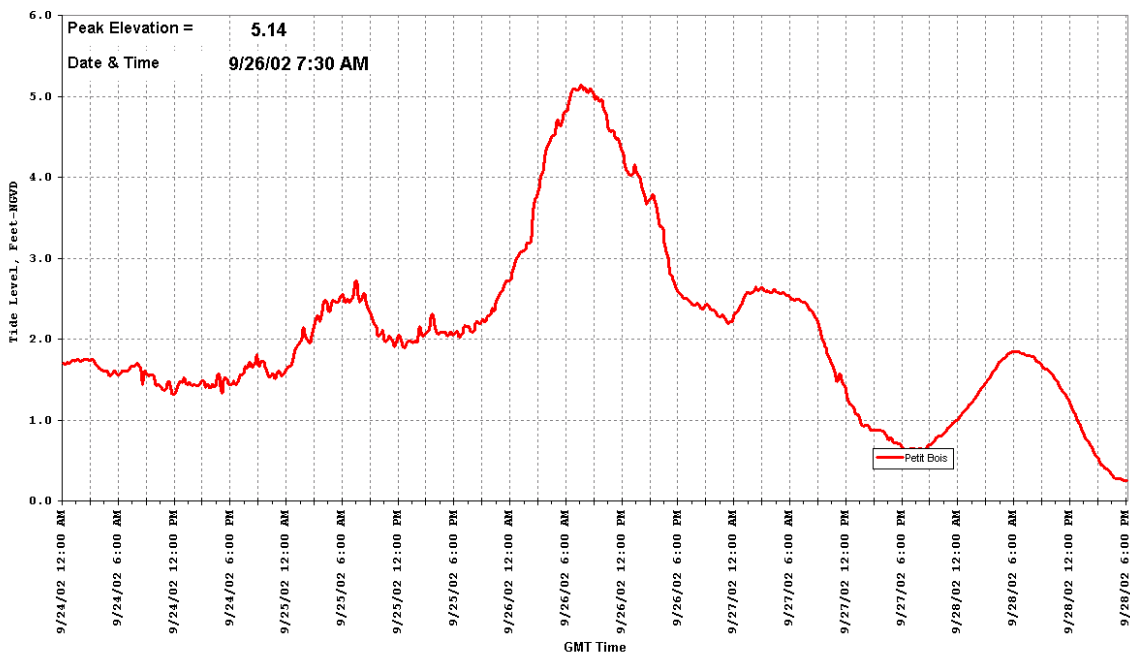
### Carrabelle



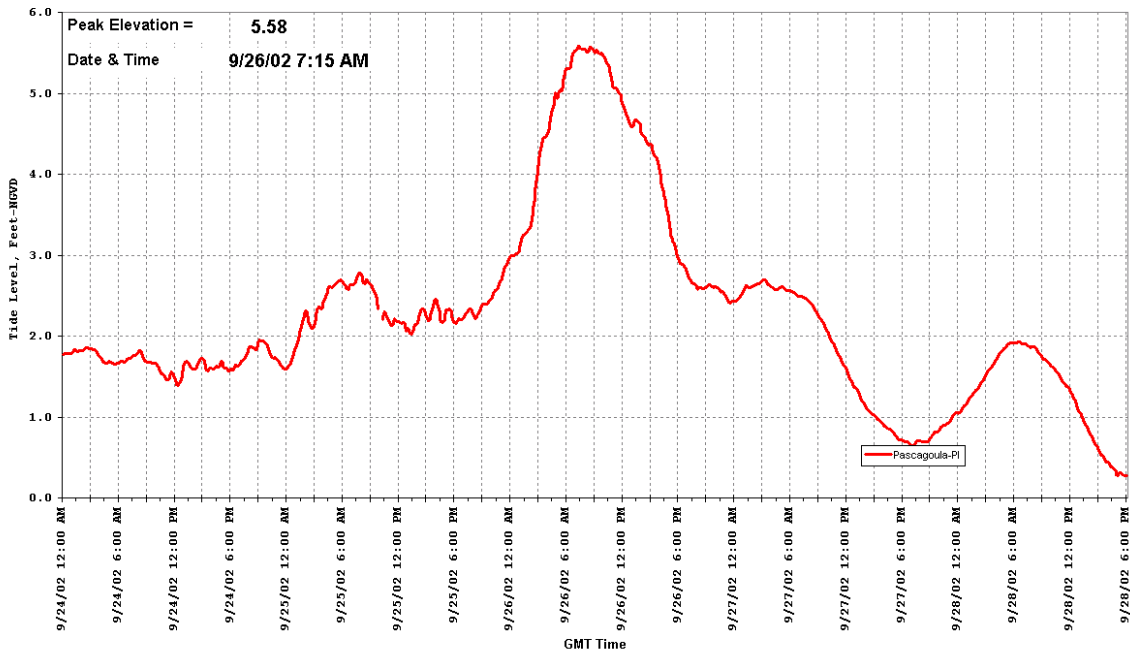
### Ship Island



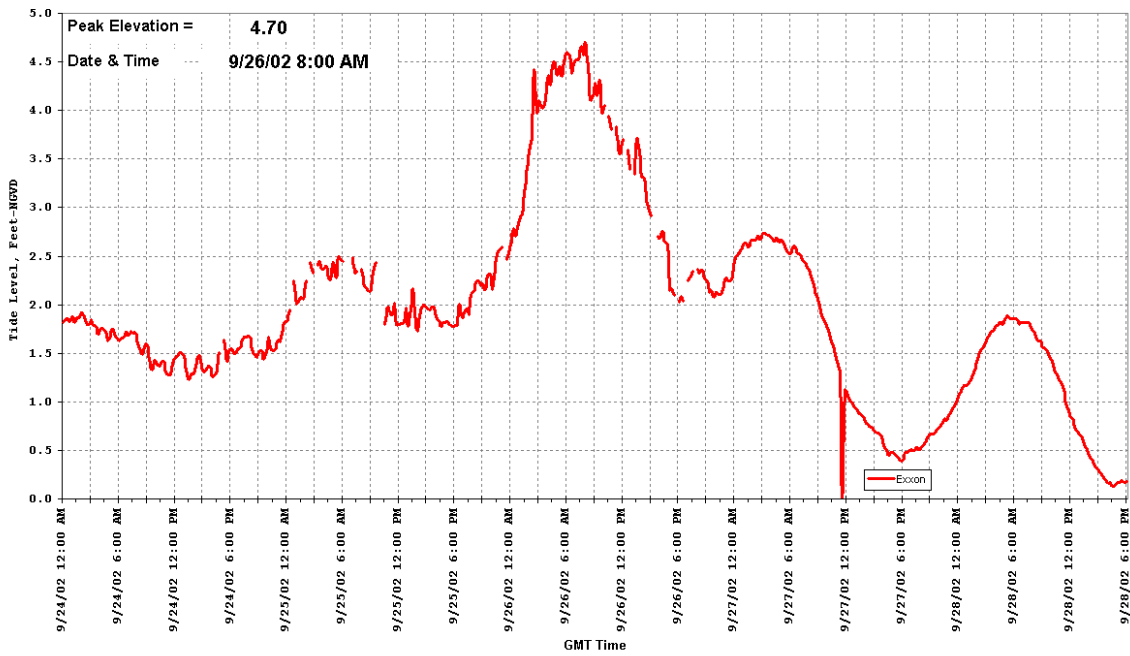
### Petit Bois



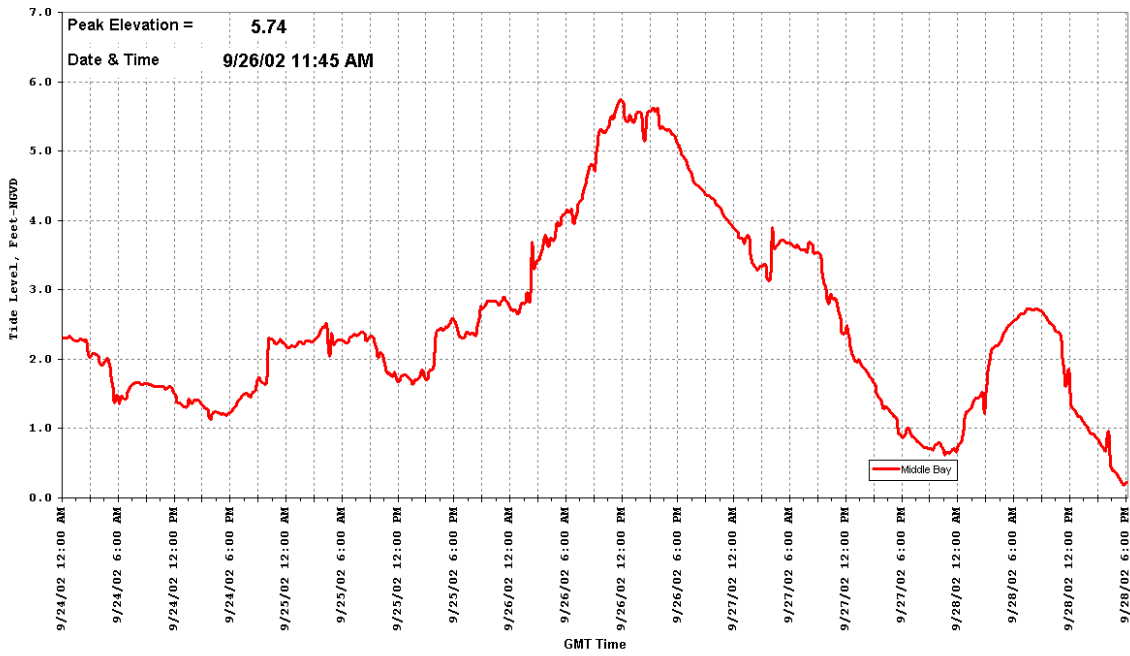
### Pascagoula-PI



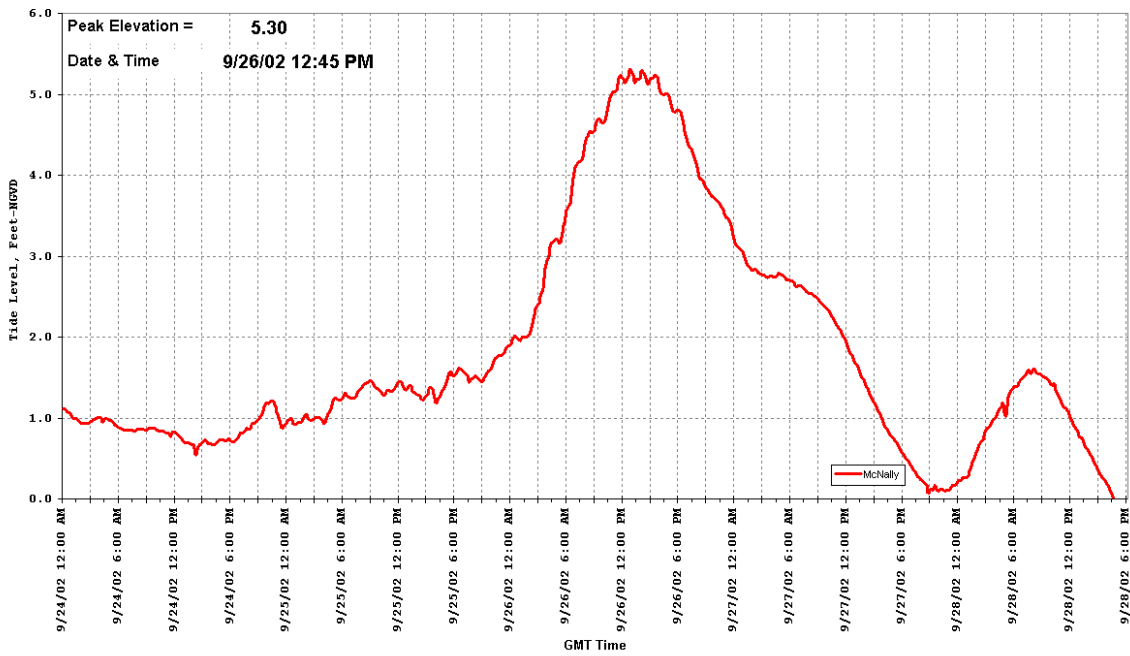
### Exxon



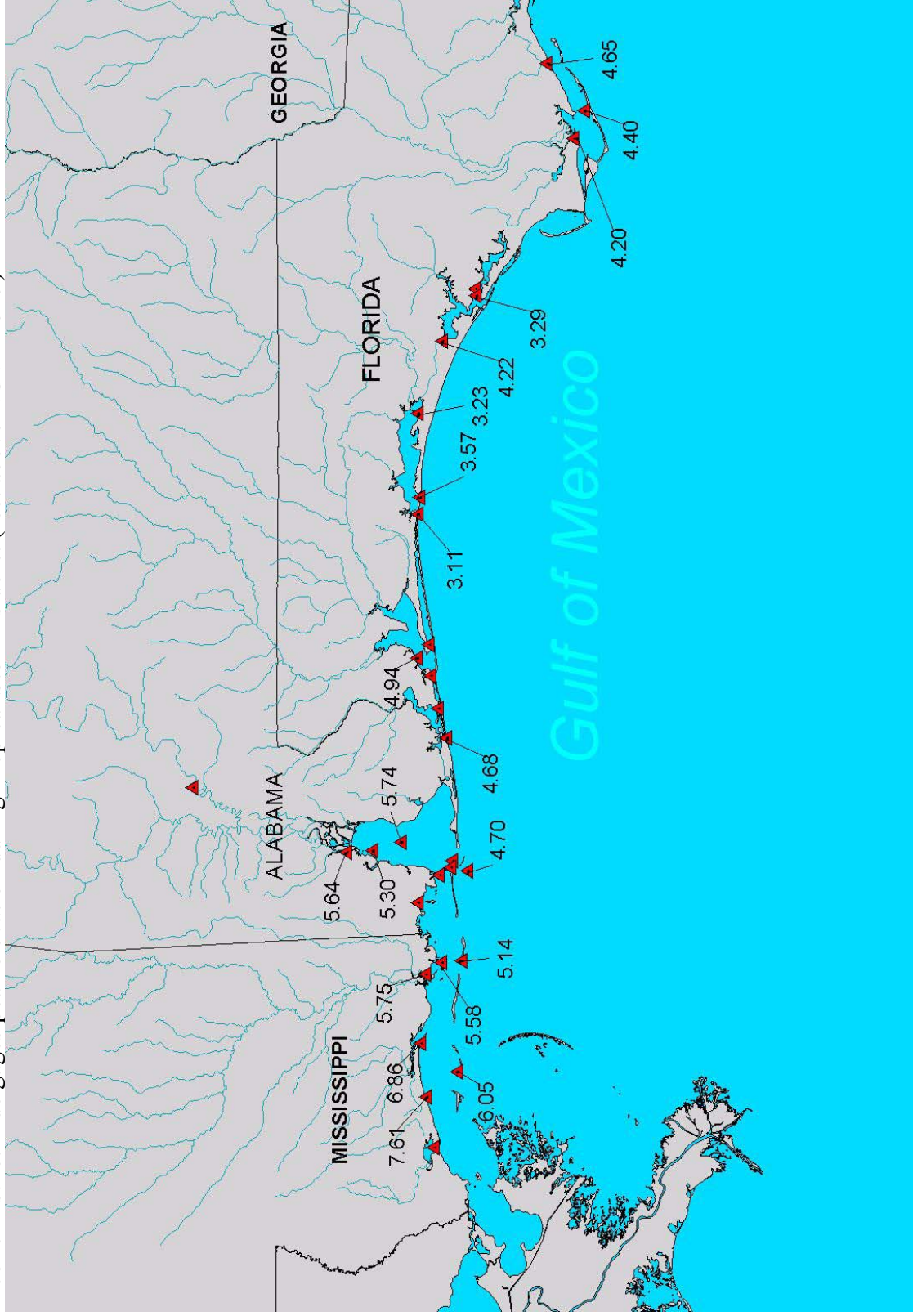
### Middle Bay



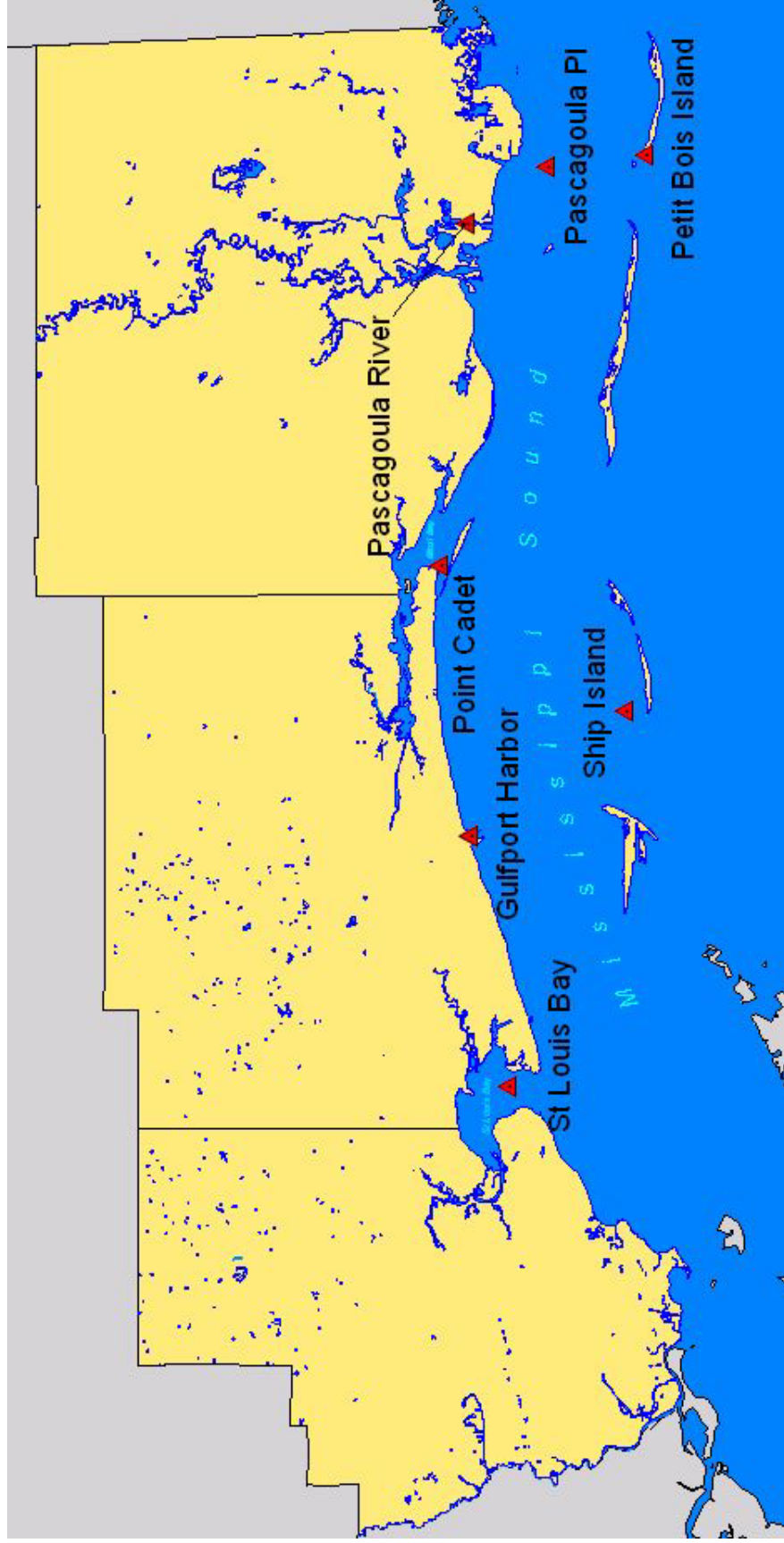
### McNally



Mobile District Tide gages peak elevation during Tropical Storm Isidore. (feet above NGVD 1929)

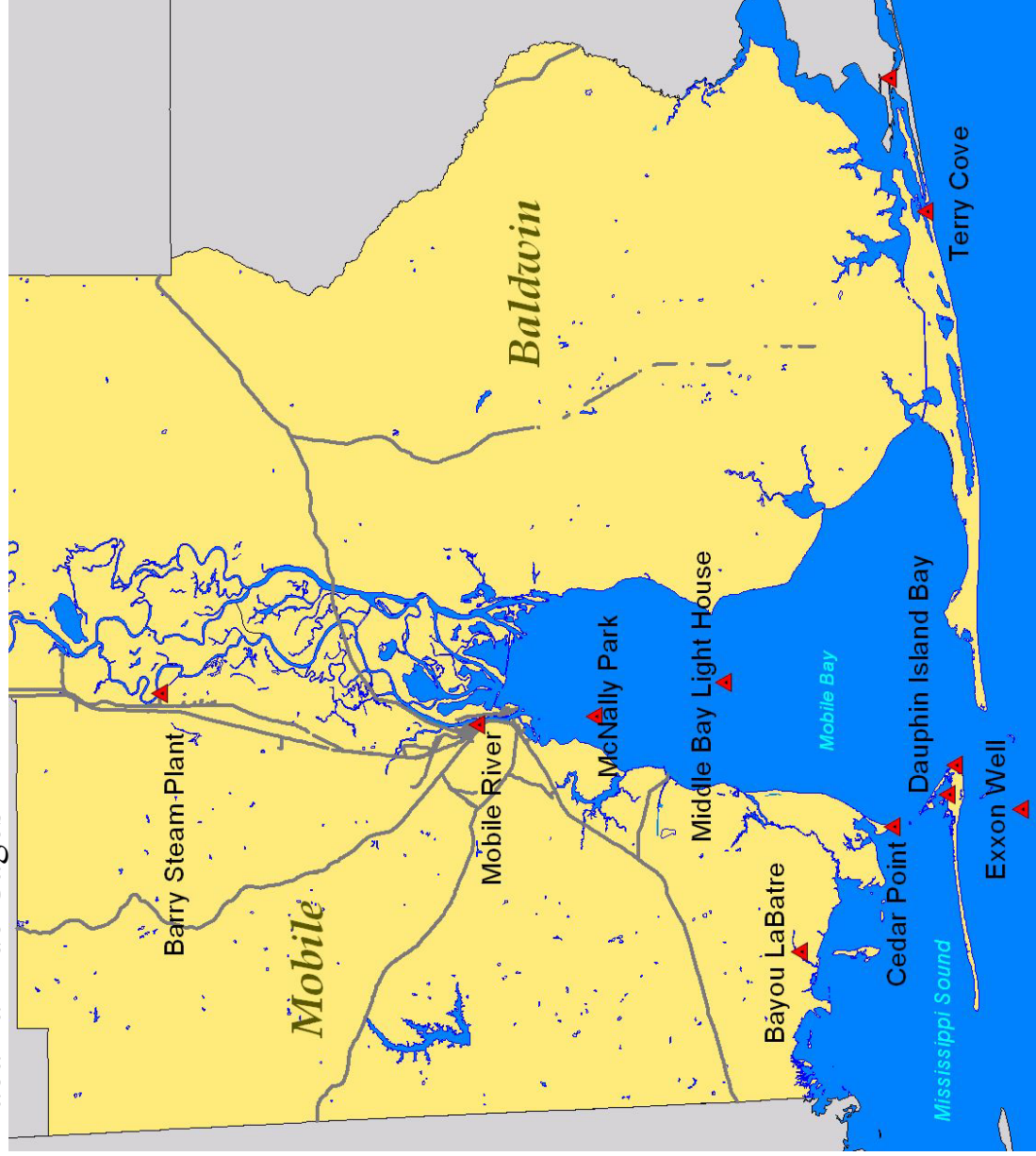


# Mississippi Tide Gages





# Alabama Tide Gages



Mobile District  
Engineering Division  
Hydrology and Hydraulics Branch; October 1, 2002



# Florida Tide Gages

