

BEACH CONDITIONS A STATEWIDE IDENTIFICATION EROSION PROBLEM

RALPH

**BEACHES AND SHORE
AND DESIGN ME**



**FLORIDA DEPARTMENT
Division of Beaches**

4th

Septem

IONS IN FLORIDA: INVENTORY AND OF THE BEACH AREAS IN FLORIDA

R. CLARK

**SHORES TECHNICAL
MEMORANDUM 89-1**



**OF NATURAL RESOURCES
Beaches and Shores**

Edition

ber, 1992

FOREWORD

This document presents the results of an investigation of beach erosion conditions around the Coast of Florida. The original identification of erosion problem areas was primarily the result of the author's fifteen years of studying Florida's beaches between 1973 and 1988. The purpose for this publication is to update the beach length data provided in the National Shoreline Study (1971) and to identify and categorize the erosion problem areas along the Florida coast. Given the legislative charge to the Florida beach management program to develop comprehensive long-term management plans for the restoration of the critically eroding beaches, the document specifically identifies those erosion problem areas which are currently considered critically eroding.

The guidance and encouragement of Mr. Lonnie Ryder throughout the preparation of this document is gratefully acknowledged. Also acknowledged is the technical advice and review of Mr. James H. Balsillie, Mr. William K. Whitfield, Jr., and Mr. Philip Flood. The alongshore distance data developed by James H. Balsillie, J. G. Carlen, and Thomas M. Watters was crucial to the precise measurements of beach lengths. Also acknowledged is the expert preparation of the manuscript by Mrs. Belinda Cornett.

The 1990 revision includes minor changes in the erosion problem areas for Nassau, Martin and Gulf Counties plus major changes for Monroe County as a result of new studies conducted during 1989.

The 1991 revision includes minor changes in Nassau, Brevard, Sarasota, Charlotte, Lee and Collier Counties and major changes in Pinellas County as a result of new studies conducted during 1990 and 1991. Notably, Anclote Key was divided between Pinellas and Pasco Counties and the recent barrier islands of Three Rooker Bar, North Bunces Key and South Bunces Key were included. In addition, due to action taken by the 1991 Florida Legislature, an eastern portion of Escambia County was added to Santa Rosa County.

The 1992 revision introduces a modified definition for the third specific category of erosion to include those beaches which have been authorized for restoration. This change has the effect of adding some peripheral segments and gaps between identified problem areas which, although they were stable or slightly erosional, require nourishment for the design integrity of an authorized beach restoration project. The major changes at this time include the Manatee County projects on Anna Maria Island and Longboat Key. Also added to this revision are a peripheral erosion area in Martin County and an erosion gap segment in St. Lucie County.

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INTRODUCTION

Not since the National Shoreline Study was published in August, 1971, have the beach erosion areas in Florida been systematically identified. In 1986, the Florida Division of Beaches and Shores was charged with the responsibility to identify those beaches of the state which are eroding and to develop and maintain a comprehensive long-term management plan for the restoration of the state's critically eroding beaches.

This document is intended to update much of the data contained in the National Shoreline Study for Florida's beaches fronting on the Atlantic Ocean and Gulf of Mexico. The information has been developed to assist coastal engineers and scientists as well as public managers and planners.

All Florida coastal counties fronting the Atlantic Ocean and Gulf of Mexico are summarized with a listing of the erosion problem areas and the total beach lengths. The erosion problem areas are identified by either the Department of Natural Resources reference monument system (R numbers) or by the historical Florida shoreline atlas stations (V numbers). A few areas are not identified by either the R or V numbers because they are areas which are not included in the coastal construction control line program nor have they been included in the historical Florida shoreline atlas'.

The lengths of all Florida beaches fronting the Atlantic Ocean and Gulf of Mexico were calculated using the alongshore distance data available in three documents by James H. Balsillie, J. G. Carlen, and Thomas M. Watters (Beaches and Shores Technical and Design Memorandum Numbers 87-1, 87-3, and 87-4). Because the alongshore distance data also included the widths of the coastal barrier inlets and estuary mouths, the data between points at either side of the inlet or entrance were excluded and actual measurements of only the shorelines were made by the author from either the latest scaled (one inch equals one hundred feet) aerial photography depicting coastal construction control lines or from the scaled (1:2000) historical Florida shoreline atlas'. While these measurements of the total beach lengths differ somewhat on a county by county basis with those lengths presented in the National Shoreline Study there was reasonably good agreement overall. The beach lengths for Monroe, Hillsboro, Pasco, Hernando, Citrus, Levy, Taylor, and Wakulla Counties were obtained by the author's measurements taken from United States Coast and Geodetic Survey navigation charts and from field verifications. Controlled aerial photography of 1990 was used to obtain the beach lengths of Pinellas County's undeveloped coastal barriers.

Some discretion was applied when identifying the open water beaches of Florida. Only those beaches were measured which were exposed to the open water of the Gulf of Mexico, Atlantic Ocean, or Straits of Florida, and were not sheltered by a coastal barrier or island shoal (e.g. Dog Island shoal). Because of the lack of available

survey data, the Ten Thousand Islands area of Collier County omitted from the beach measurements. Included were the significant beaches between the Ten Thousand Islands and Cape S fronting on the Gulf of Mexico in Monroe County; however, insufficient historical data exists for these federal land beaches to identify any erosion problems. Also omitted were any major coastal barriers which would be predominantly characterized by emerged shoals. Examples of these characteristic shoals are found at the entrance of Nassau Sound (Nassau County), Dog Island Sound (Franklin County) and Passage Key (Manatee County).

In contrast to the total beach length measurements, the lengths of the erosion problem areas are intended to be close approximations, recognizing the subjectivity of identifying their end points and realizing their longshore temporal and spatial variability. However, every effort was made to measure all lengths of identified erosion problem areas precisely using the same methodology conducted for the total shoreline length measurements. The identifications by control line reference monuments (R numbers) or historical shoreline atlas stations (V numbers) are intended to reference the nearest points for identity and not precise end points for measurement.

All the erosion problem areas are depicted on maps for the coastal counties. These maps are intended to provide general location guidance to the user. The erosion problem areas are named in accordance with the best description of their geographic location.

It is realized that some other areas on the Florida coast arguably be appropriate for inclusion with the listed erosion problem areas. There was no intention to exclude any area. At any time, some areas with a low or moderate erosion rate may become erosion problem areas given new trends in development. In other areas, the currently low or moderate erosion rates may substantially accelerate. Changing weather conditions and unpredictable major storm events will play a predominate role in the creation or deletion of erosion problem areas. It is to be lamented from a resource management perspective that the list of erosion problem areas should continue to expand given long term growth in development and recreation interests on the Florida coast plus the expected continuation of the rising sea level and the growing shortage of sand available to naturally replenish the beaches during major coastal storm erosion events.

The beach erosion problem areas have been identified to include those shoreline segments falling into the following three specific categories:

- I. High erosion rate or recent significant erosion conditions with or without adjacent development,
- II. Moderate or low erosion rate, but with a narrow beach front on a highly developed area, and
- III. Restored or nourished beaches, or authorized for restoration with an active maintenance nourishment program.

Most of the Atlantic coast erosion problem areas north of Palm Beach County, and most of the gulf coast erosion problem areas are identified by the first category. In the second category, some highly developed areas with a narrow beach also have threatening erosion problems even though the rate of erosion is reasonably low. On the Atlantic coast there are a few of these areas in Flagler, Indian River, Martin, and Monroe counties plus most of the unrestored areas of Palm Beach and Broward Counties. On the lower Gulf coast these areas exist in much of Manatee, Sarasota, Lee, and Collier Counties, and in much of the unrestored area of Pinellas County. Only Shell Point on the northern Gulf coast has been included in this second category.

The third specific category, restored beaches having an active maintenance nourishment program, included twenty-three segments of beach restoration or feeder beach nourishment projects. Seventeen of these have been located on the Atlantic coast with three located north of Cape Canaveral and fourteen located south of the Cape where the majority of beach restoration has been conducted in Florida. Six of these segments have been located on the Gulf coast, all in south Florida.

Subsection 161.161 (1), Florida Statutes, charges the Division of Beaches and Shores to "develop and maintain a comprehensive long-term management plan for the restoration of the state's critically eroding beaches. The beach management plan shall address long-term solutions to the problem of critically eroding beaches in this state."

The designation of an eroding beach as one which is critically eroding is an important prerequisite in the beach management plan for the state. The United States Army Corps of Engineers (1971) defined critical erosion areas as "where the rate of erosion indicates that action to halt the erosion may be justified, when considered in conjunction with economic, industrial, recreational, agricultural, navigational, demographic, ecological, and other relevant factors."

Of all the erosion problem areas around Florida, many areas have significant erosion conditions, yet the erosion processes do not currently threaten public or private interests. These areas are not good candidates for the expenditure of public funds for beach restoration projects. In contrast, in some areas the erosion processes are not particularly significant except to the extent that adjacent development or recreation interests may be threatened. Whether erosion is critical results from the existence of a threat to interests in need of protection. Lacking any threat an erosion condition is not a critical problem.

For the purpose of Florida's beach management planning concise definitions are necessary to differentiate between the general categories of critical and noncritical erosion. The following definitions have evolved for this purpose:

Critical erosion areas are segments of the shoreline where substantial development or recreational interests are threatened by the erosion processes.

Noncritical erosion areas are segments of the shoreline where the erosion processes do not currently threaten any substantial development or recreational interests.

In addition to the three specific categories, the identified erosion problem areas have been categorized as either representing critical erosion conditions or noncritical erosion conditions. The erosion problem areas identified for the north Atlantic coast appear equally divided as critical or noncritical erosion areas. The south Atlantic coast areas are predominantly critical erosion areas. In contrast the north Gulf coast areas are predominantly noncritical erosion areas. Except for the northern most coastal barriers in Pinellas County, the areas within Pinellas, Manatee, and Sarasota Counties are critical erosion areas. In Charlotte, Lee, and Collier Counties the more sparsely developed coastal barriers generally have noncritical erosion areas and the heavily developed coastal barriers generally have critical erosion areas.

All areas of the third specific category, that is, areas which have been restored and are being maintained, have been identified as critical erosion areas. The threat to substantial development or recreational interests was a prerequisite to the restoration of these beaches. The continued identification of these restored beaches as critical erosion areas is consistent with the statutory intent of addressing and prioritizing long-term solutions to the problem of critically eroding beaches in this state.

A listing of all the categorized erosion problem areas is included in this document with their identification by the control line reference monuments or the historical shoreline atlas stations. Some of the identified erosion problem areas have been subdivided where they represent segments divided between critical and noncritical erosion areas or restored and unrestored erosion areas. For these reasons the categorized listing is of greater length than the summary of identified erosion problem areas.

Most of Florida's beach erosion problems, particularly much of the critical erosion, has resulted from the stabilization, construction, and development of barrier tidal inlets. Many of the natural undeveloped inlets, dynamic in their geomorphology, are also responsible for many of the erosion problem areas. A compilation of the erosion problem areas would therefore be incomplete without also listing the barrier inlets currently existing. For this reason the Florida inlets have been summarized along with the adjacent areas of significant erosion.

The final inclusion in this document is an extensive reference list provided on a county basis. Hopefully this reference list will be a useful tool to a variety of professionals and governmental users. A potential user can obtain a "first impression" of any beach area in the state plus a reference list for any area of interest.

**EROSION PROBLEM AREAS ALONG
FLORIDA GULF OF MEXICO SHORELINE**

<u>Location</u>	<u>DNR Monuments</u>	<u>Length, Miles</u>
ESCAMBIA COUNTY		
East Perdido Key	R31-R65	6.5
Fort Pickens and Pensacola Beach	R79-R136	<u>10.7</u>
		17.2
SANTA ROSA COUNTY		
Navarre Beach to Navarre Pass	R205-R214	1.9
OKALOOSA COUNTY		
East end of Santa Rosa Island	V612-V621	1.7
WALTON COUNTY		
None		
BAY COUNTY		
Phillips Inlet, Hollywood, Sunnyside	A38-R20	4.1
Panama City Beach to St. Andrews Inlet	R63-R97	6.8
Shell Island	R98-V009	6.1
Dog Island	None	1.9
Crooked Island	V018-V040	4.2
Mexico Beach	R127-R144	<u>2.8</u>
		25.9

<u>Location</u>	<u>DNR Monuments</u>	<u>Length,</u>
GULF COUNTY		
St. Joseph Peninsula	R41-R114	14.
Indian Peninsula	R150-R162	<u>2.</u>
		16.
FRANKLIN COUNTY		
St. Vincent Island	V17-V34	3.
West end of Little St. George Island	R3-R5	0.
Cape St. George	R17-R24	1.
Western St. George Island	R34-R51	3.
St. George Plantation	R53-R69	3.
East end of St. George Island	R147-R149	0.
Western Dog Island	R157-R170	<u>2.</u>
Eastern Dog Island	R180-R184	0.
West end of Alligator Point	R194-R196	0.
Southwest Cape, Alligator Point	R210-R216	1.
Lighthouse Point	R220-R229	<u>1.</u>
		18.
WAKULLA COUNTY		
Mashes Sands	None	1.
Shell Point	None	<u>1.</u>
		2.
LEVY COUNTY		
Seahorse Key	None	1.

<u>Miles</u>	<u>Location</u>	<u>DNR Monuments</u>	<u>Length, Miles</u>
	HERNANDO COUNTY		
3	Pine Island	None	0.8
5			
9	PASCO COUNTY		
	Hudson Beach	None	0.2
2	Anclote Key	None	<u>3.0</u>
4			3.2
3	PINELLAS COUNTY		
2	Anclote Key	None	0.5
3	Three Rooker Bar	None	Unknown
5	Honeymoon Island	R6-R12	1.1
4	Caladesi Island	R17-R20	0.5
7	Clearwater Beach Island	R36-R40	0.8
4	Clearwater Pass north shoreline	R47-R49	0.5
1	Sand Key	R57-R115	11.0
8	Treasure Island	R126-R143	3.5
3	Long Key	R144-R163	3.6
	North Bunces Key	None	Unknown
0	South Bunces Key	None	0.9
0	Mullet Key	R176-R178	<u>0.4</u>
0			22.8
	HILLSBOROUGH COUNTY		
2	Egmont Key	None	2.1

<u>Location</u>	<u>DNR Monuments</u>	<u>Length</u>
MANATEE COUNTY		
North end of Anna Maria Island	R2-R5	0.
Holmes Beach and Bradenton Beach	R12-R36	4.
Longboat Key	R47-R67	3.
		8.
SARASOTA COUNTY		
Southern Longboat Key	R1-R25	4.
Lido Key	R30-R37	1.
North Siesta Key	R44A-R47	1.
Point of Rocks to Midnight Pass	R64-R77	2.
Casey Key	R81-R96	2.
Venice to Caspersen Beach	R116-R143	5.
Manasota Key	R168-R177	1.
		19.
CHARLOTTE COUNTY		
Manasota Key to Stump Pass	R1-R20	3.
Knight Island	R27-R34	1.
North Little Gasparilla Island	R45-R49	0.
		5.

<u>Miles</u>	<u>Location</u>	<u>DNR Monuments</u>	<u>Length, Miles</u>
LEE COUNTY			
	Southern Gasparilla Island	R8-R26	3.7
4	North end of Cayo Costa	R27-R33	1.3
6	Cayo Costa	R46-R52	1.2
9	South end of Cayo Costa	R60-R65	1.0
9	North end of North Captiva Island	R66-R71	1.0
	Southern North Captiva Island	R74-R81	2.0
6	Captiva Island	R83-R109	5.1
2	North end of Sanibel Island	R109-R118	1.7
2	Estero Island	R181-R200	3.8
4	South end of Estero Island	R208-R210	0.3
9	North shoreline of Lover's Key	R211-R212	0.3
1	Lover's Key	R215-R220	0.9
7	Big Hickory Island and Bonita Beach	R225-R239	<u>2.9</u>
1			25.2
COLLIER COUNTY			
	Vanderbilt Beach	R22-R29	1.3
6	Park Shore	R51-R57	1.1
4	Naples	A12-R89	5.6
8	Keewaydin Island	R90-R111	4.1
8	Coconut Island	R127-R128	1.5
	North Marco Island	R128	0.7
	Central Marco Island	R134-R139	0.9
	South Marco Island	R143-R148	1.2
	Kice Island	None	2.5
	Morgan Island	None	<u>1.7</u>
			20.6

**EROSION PROBLEM AREAS ALONG
FLORIDA ATLANTIC OCEAN SHORELINE**

<u>Location</u>	<u>DNR Monuments</u>	<u>Length</u>
NASSAU COUNTY		
Fort Clinch and Fernandina Beach	R9-R33	4.
South Amelia Island	R61-R80	3.
		7.
DUVAL COUNTY		
South end of Little Talbot Island	R22-R25	0.
St. Johns River to St. Johns County	V501-R80	10.
		10
ST. JOHNS COUNTY		
North of Vilano Beach	R110-R117	1
Porpoise Point	R122	0
Northern Anastasia Island	R135-R148	2
Summer Haven	R197-R209	2
		6
FLAGLER COUNTY		
Marineland	R1-R4	0
Flagler Beach	R77-R90	2
		2
VOLUSIA COUNTY		
Daytona Beach Shores to Ponce Inlet	R117-R148	5
Bethune Beach to Turtle Mound	R194-R214	3
		9

	<u>Location</u>	<u>DNR Monuments</u>	<u>Length, Miles</u>
	BREVARD COUNTY		
<u>Miles</u>	Canaveral National Seashore	V020-V066	8.7
	Cape Canaveral north shore	V117-V136	3.6
4	Canaveral	R1-R12	2.0
0	Cocoa Beach through Satellite Beach	R29-R98	12.3
4	Indialantic and Melbourne Beach	R123-R135	<u>2.1</u>
			28.7
	INDIAN RIVER COUNTY		
4	Sebastian Inlet through Ambersand Beach	R1-R16	2.9
0	Wabasso Beach	R37-R40	0.6
4	Vero Beach	R70-R86	<u>3.1</u>
			6.6
	ST. LUCIE COUNTY		
1	Hutchinson Island	R34-R70	6.8
5			
4	MARTIN COUNTY		
4	Jensen Beach through Tiger Shores	R1-R25	4.1
	Sailfish Point	R34-R40	1.0
6	Jupiter Island	R45-R110	11.3
3	South of Blowing Rocks	R126-R127	<u>0.2</u>
9			16.6

<u>Location</u>	<u>DNR Monuments</u>	<u>Length,</u>
PALM BEACH COUNTY		
Southern Jupiter Island	R3-R9	1.
Jupiter and Juno Beach	R12-R36	4.
Singer Island	R67-R69	0.
Palm Beach	R80-R116	7.
South Palm Beach	R133-R137	0.
Ocean Ridge	R152-R160	1.
Delray Beach	R176-R190	3.
North Boca Raton	R204-R212	1.
South Boca Raton	R223-R227	1.
		21.

BROWARD COUNTY		
Hillsboro Beach	R7-R23	3.
Pompano Beach through Ft. Lauderdale	R25-R67	8.
John U. Lloyd State Recreation Area	R86-R95	1.
Hollywood and Hallendale	R100-R128	5.
		18.

DADE COUNTY		
Broward County line to Baker's Haulover	R1-R27	5.
Miami Beach	R27-R74	9.
Fisher Island	R75-R77	0.
Virginia Key	R84-R86	0.
Key Biscayne	R101-R113	2.
		17.

<u>Miles</u>	<u>Location</u>	<u>DNR Monuments</u>	<u>Length, Miles</u>
	MONROE COUNTY		
0	Long Key State Recreation Area	None	0.6
6	Coco Plum Beach	None	0.6
4	Sombrero Beach, Vaca Key	None	0.3
8	Bahia Honda State Recreation Area	None	1.0
7	Long Beach, Big Pine Key	None	1.0
7	Sugarloaf Beach, Sugarloaf Key	None	0.6
0	Boca Chica Key	None	1.3
6	Key West	None	2.8
0	Fort Zachary Taylor State Historic Site	None	<u>0.3</u>
8			8.5

FLORIDA GULF OF MEXICO BEACHES

<u>COUNTY</u>	<u>EROSION, MILES</u>	<u>TOTAL LENGTH, M</u>
Escambia	17.2	38.9
Santa Rosa	1.9	5.0
Okaloosa	1.7	23.9
Walton	0.0	25.6
Bay	25.9	41.2
Gulf	16.9	28.8
Franklin	18.3	54.6
Wakulla	2.0	2.5
Jefferson	0.0	0.0
Taylor	0.0	0.5
Dixie	0.0	0.0
Levy	1.2	2.0
Citrus	0.0	0.2
Hernando	0.8	0.8
Pasco	3.2	4.4
Pinellas	22.8	37.2
Hillsborough	2.1	2.1
Manatee	8.9	12.3
Sarasota	19.1	34.7
Charlotte	5.8	12.2
Lee	25.2	47.3
Collier	20.6	34.1*
Monroe	<u>unknown</u>	<u>26.1</u>
	193.6	434.4

*Ten Thousand Islands area not included.

FLORIDA ATLANTIC OCEAN BEACHES

<u>ILES</u>	<u>COUNTY</u>	<u>EROSION, MILES</u>	<u>TOTAL LENGTH, MILES</u>
	Nassau	7.4	12.7
	Duval	10.4	15.0
	St. Johns	6.4	41.1
	Flagler	2.9	18.1
	Volusia	9.3	48.8
	Brevard	28.7	71.6
	Indian River	6.6	22.4
	St. Lucie	6.8	21.5
	Martin	16.6	21.4
	Palm Beach	21.8	45.3
	Broward	18.2	24.0
	Dade	17.8	20.8
	Monroe	<u>8.5</u>	<u>26.4</u>
		161.4	389.1

SUMMARY

	<u>EROSION, MILES</u>	<u>TOTAL LENGTH, MILES</u>
Gulf Coast	193.6	434.4
Atlantic Coast	<u>161.4</u>	<u>389.1</u>
	355.0	823.5

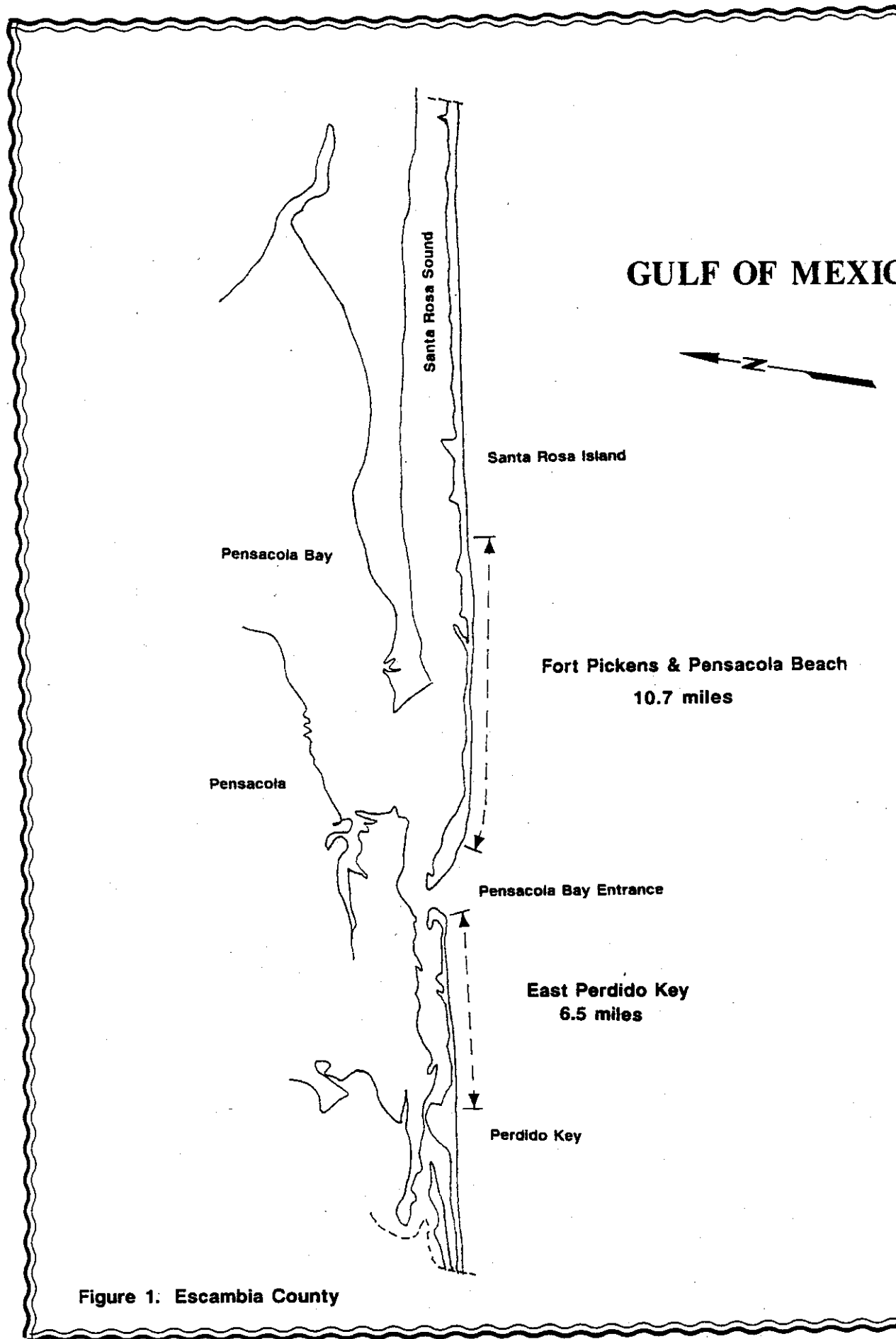


Figure 1: Escambia County

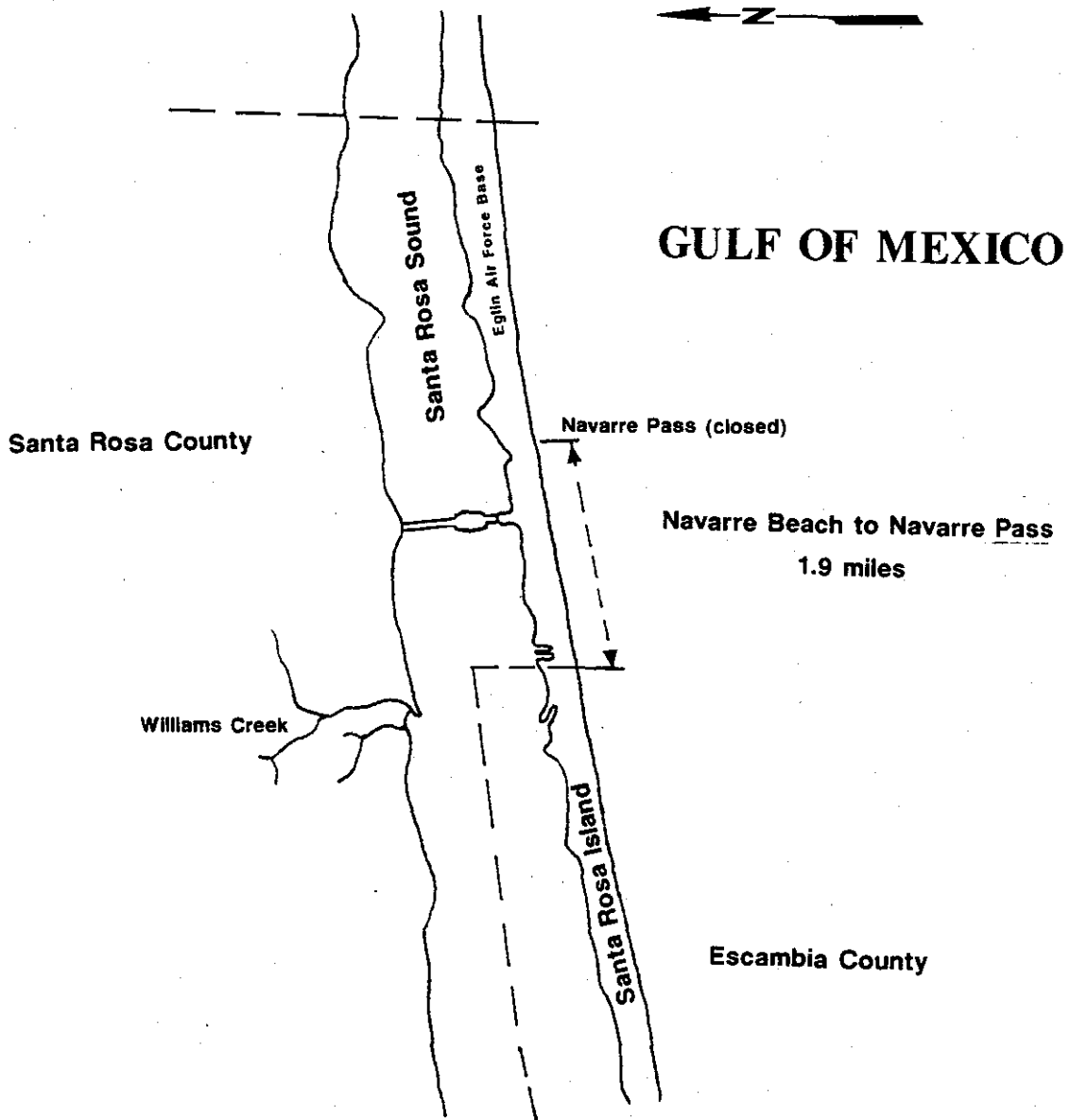
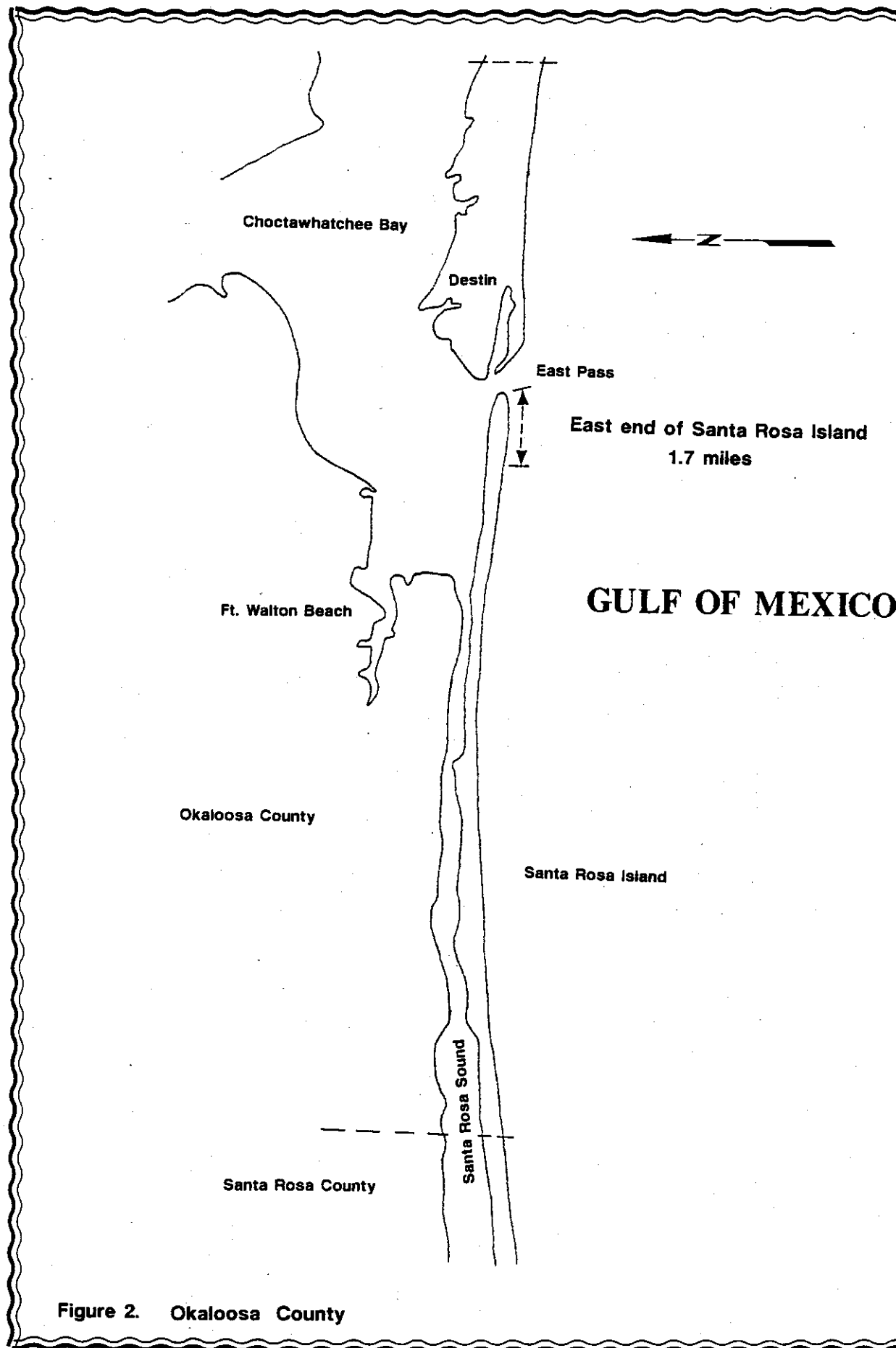


Figure 1a. Santa Rosa County



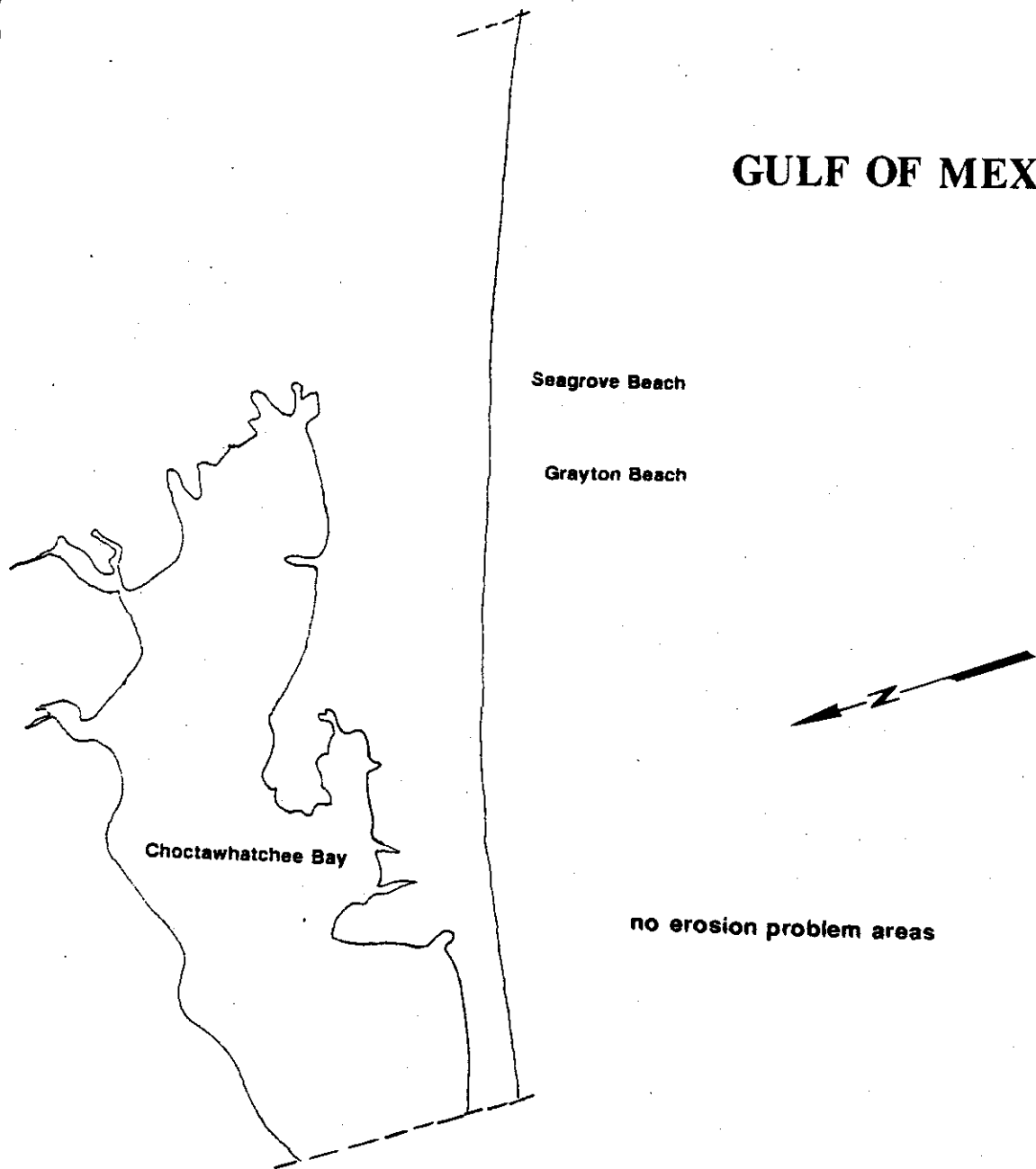
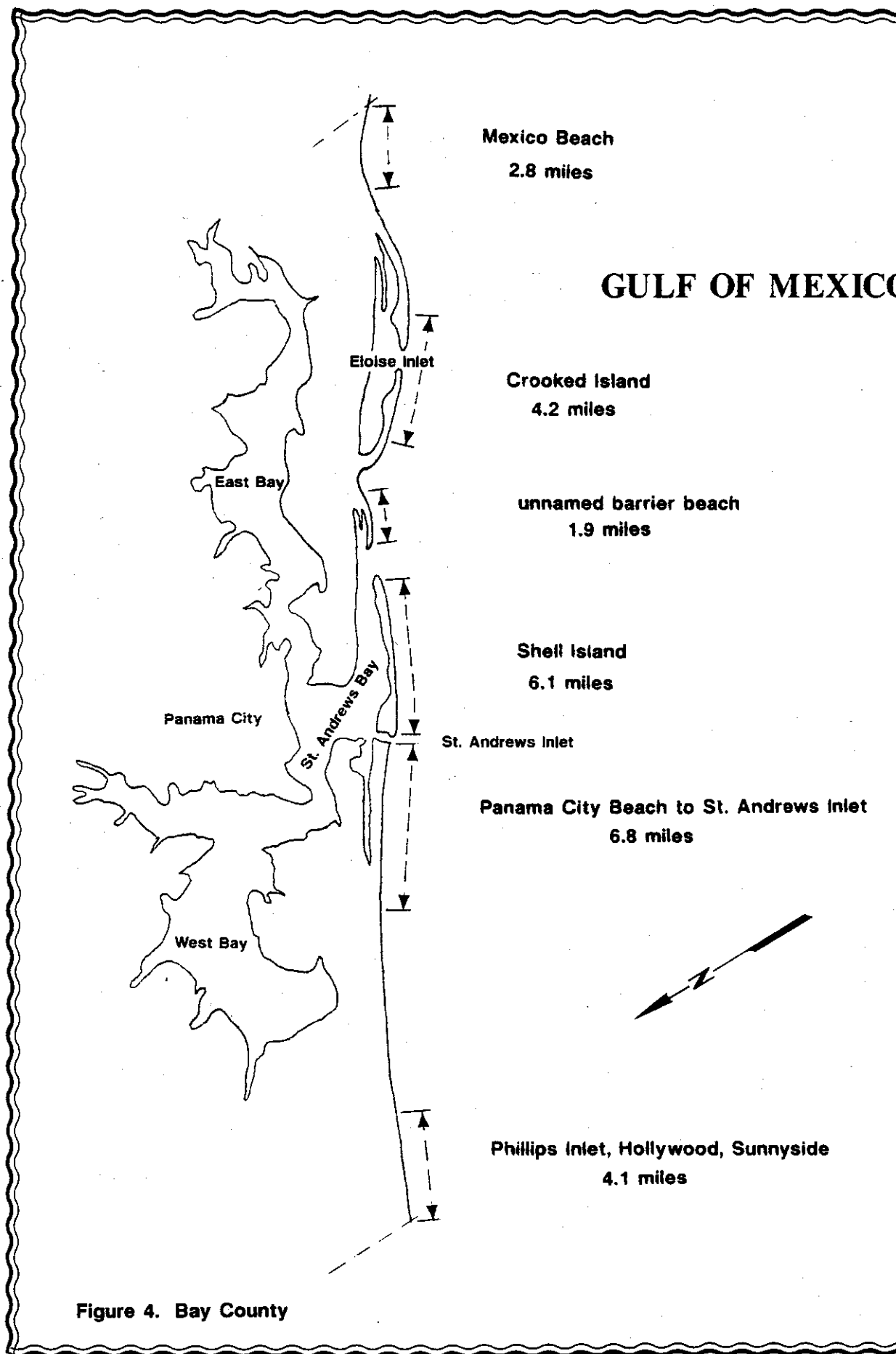


Figure 3. Walton County



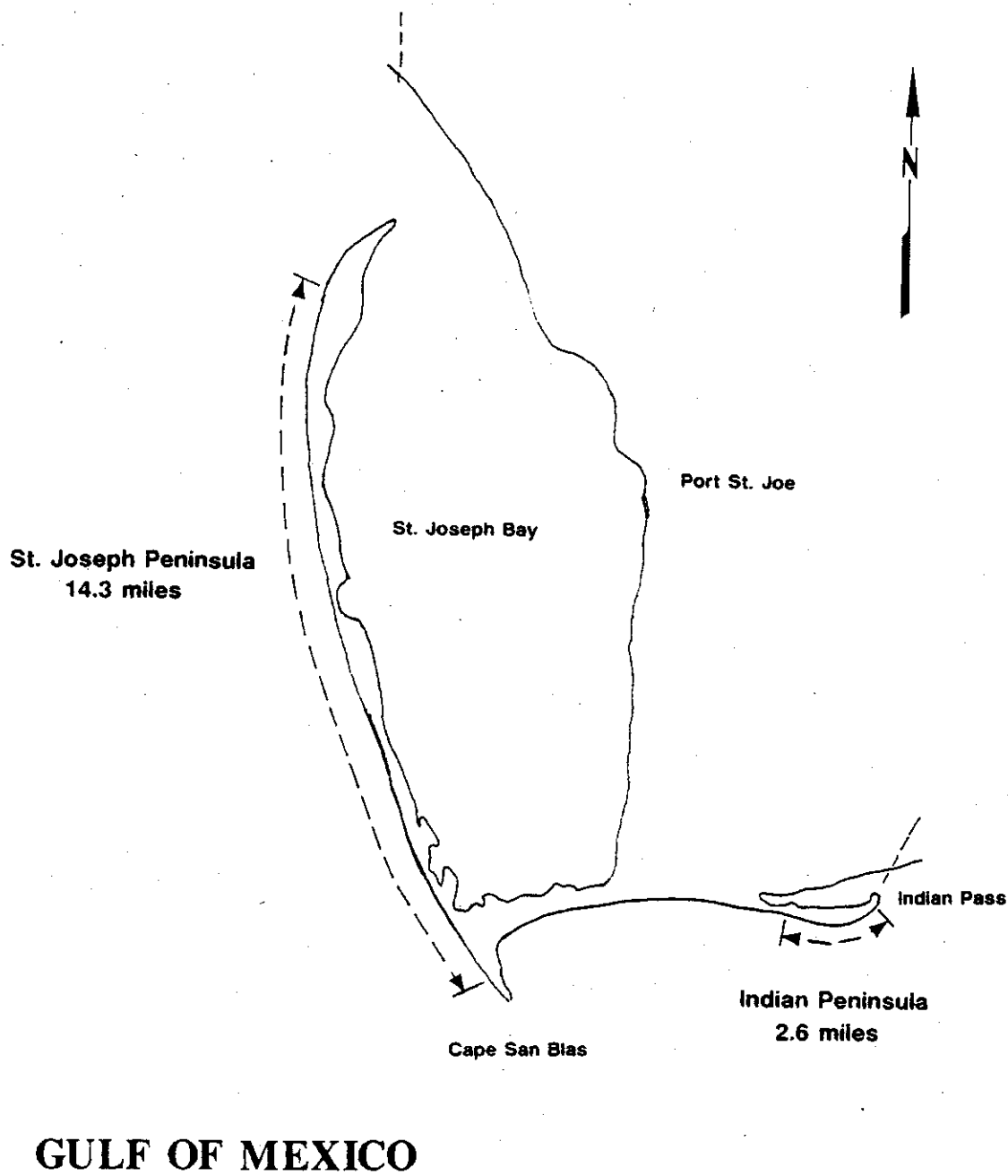


Figure 5. Gulf County

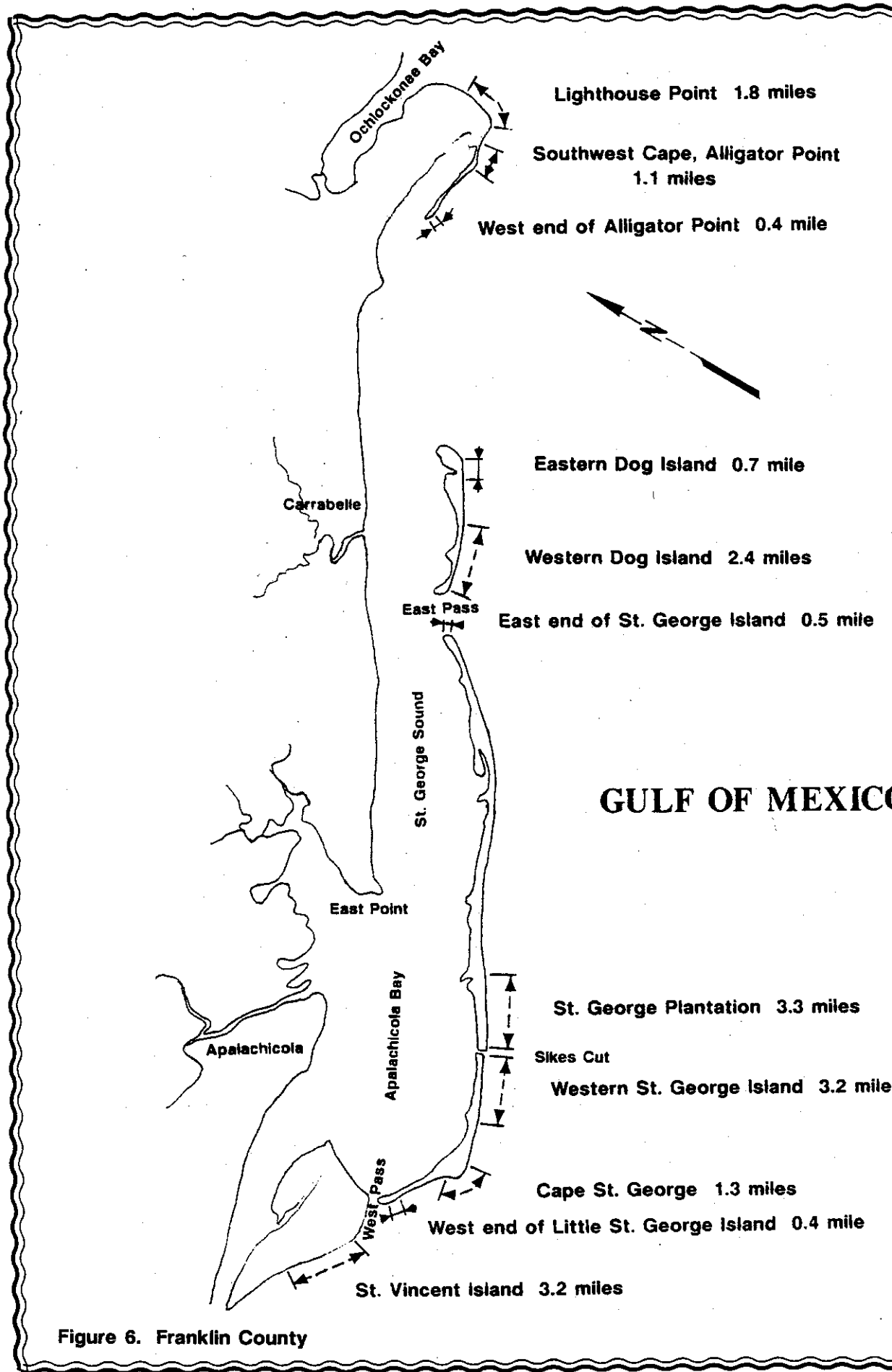
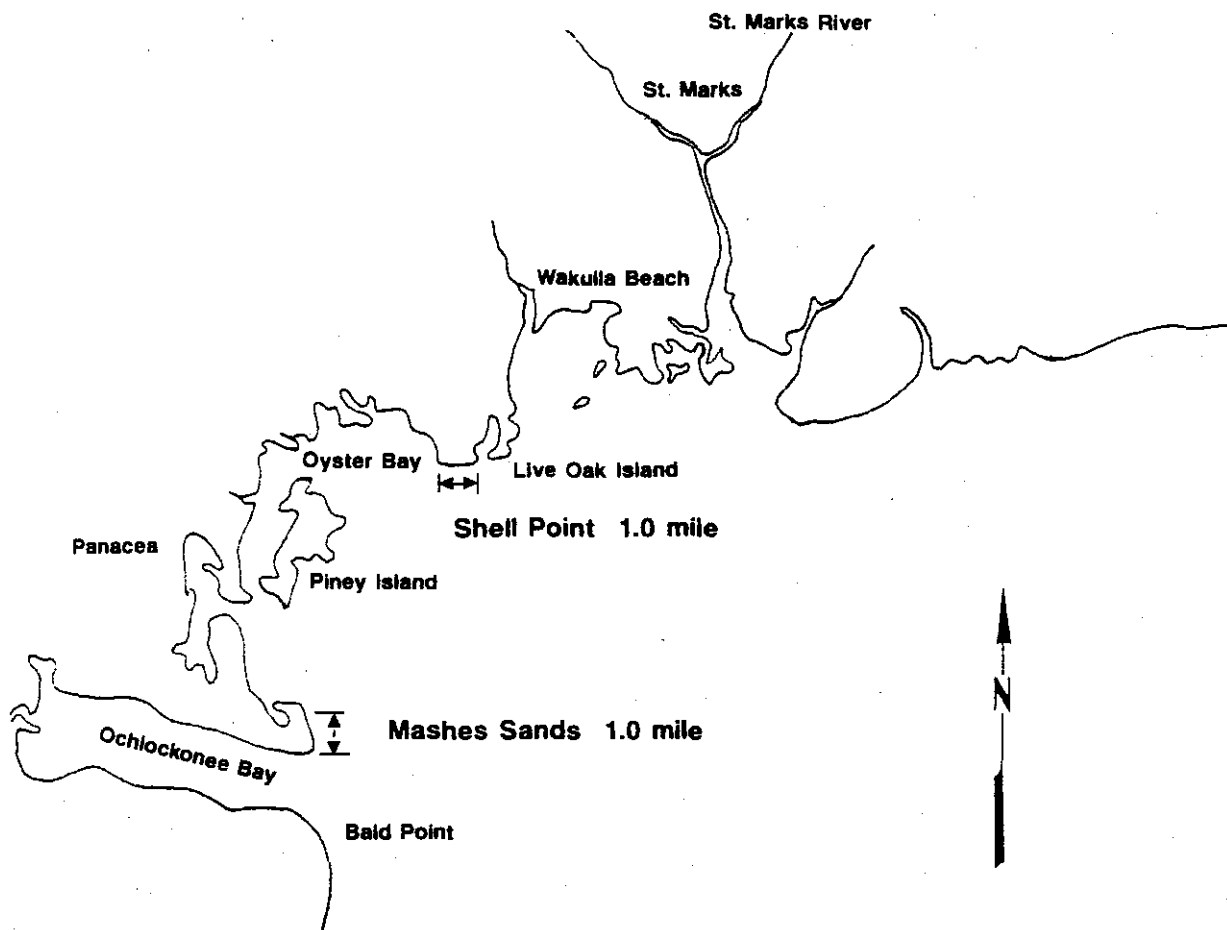
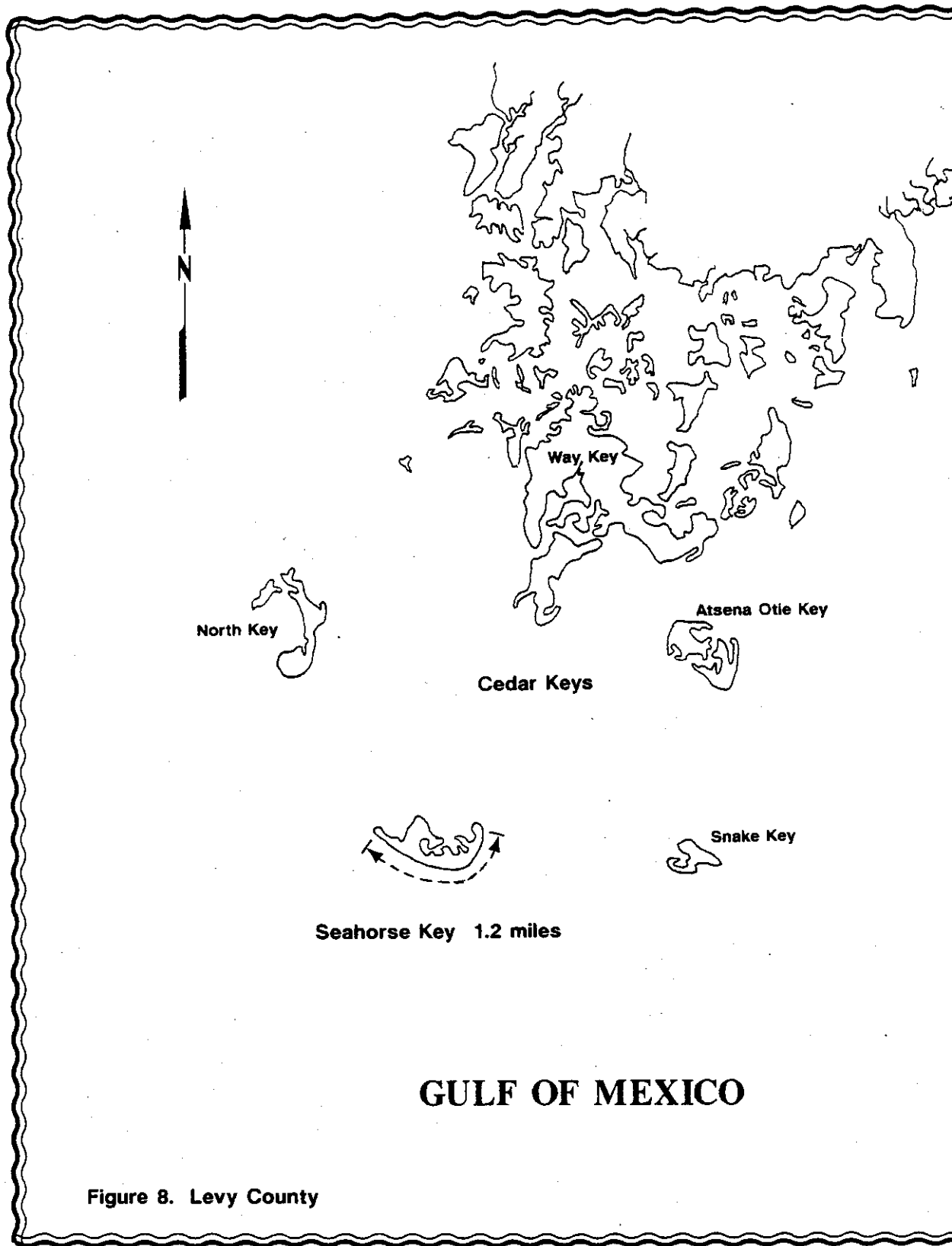


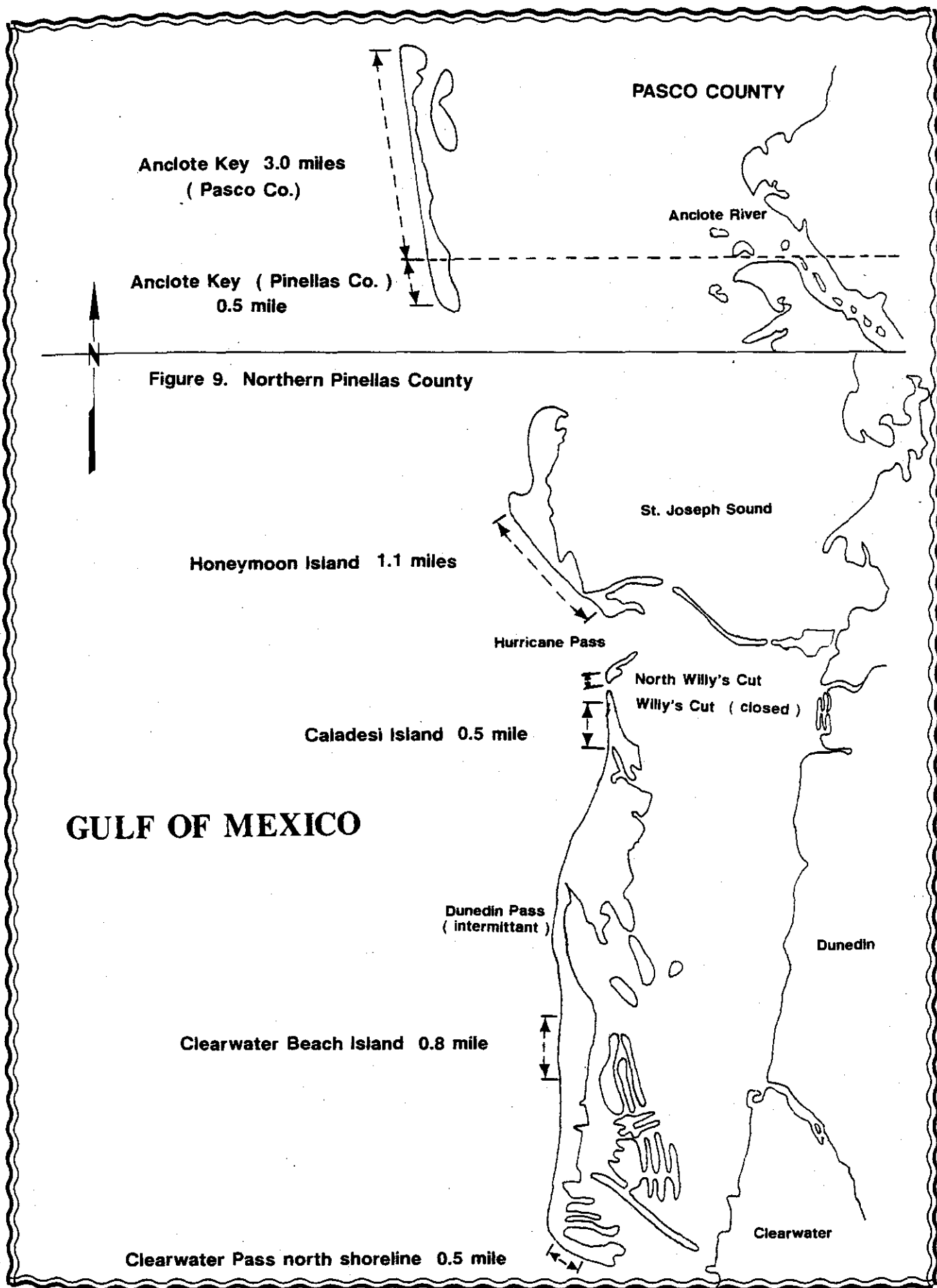
Figure 6. Franklin County

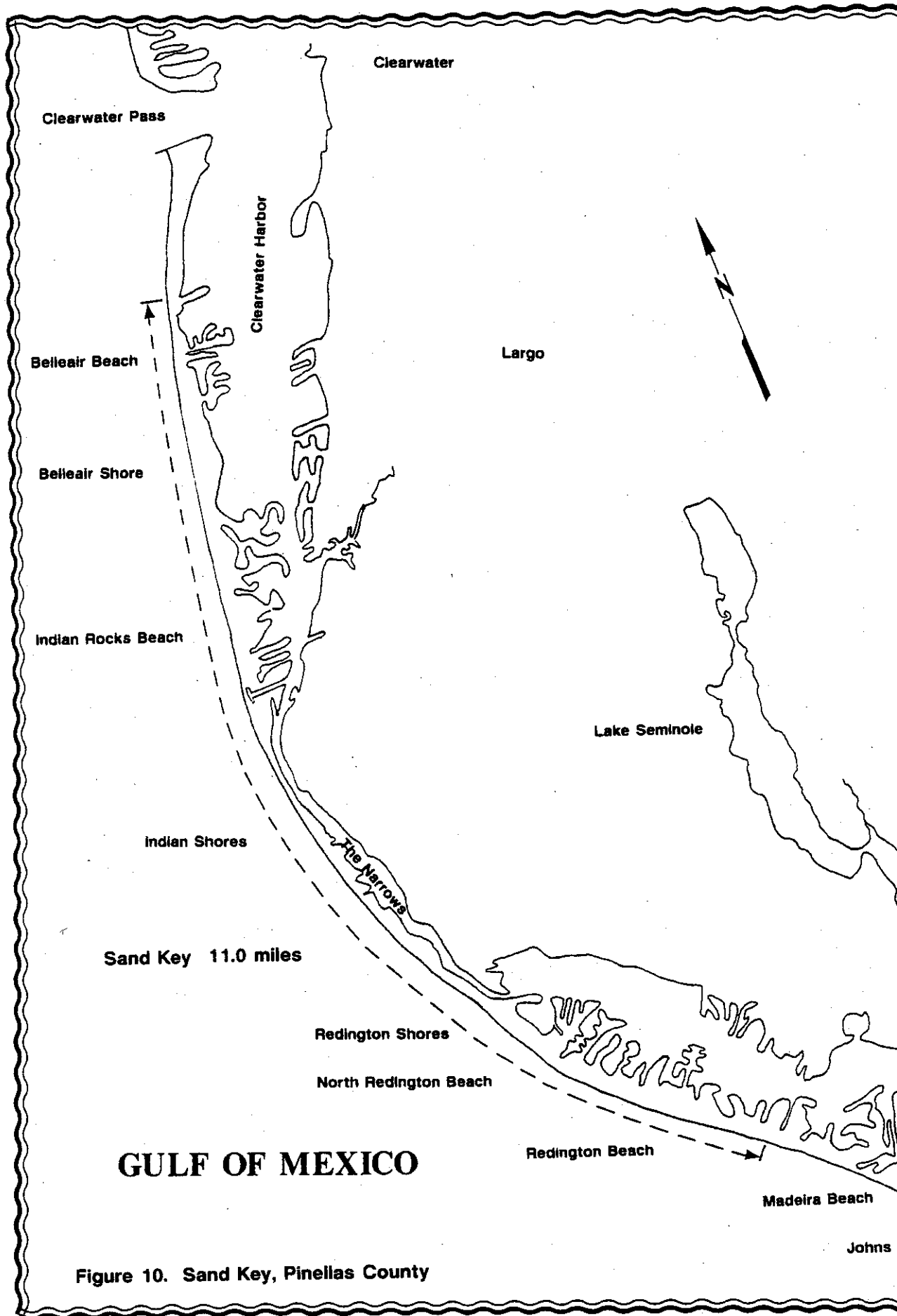


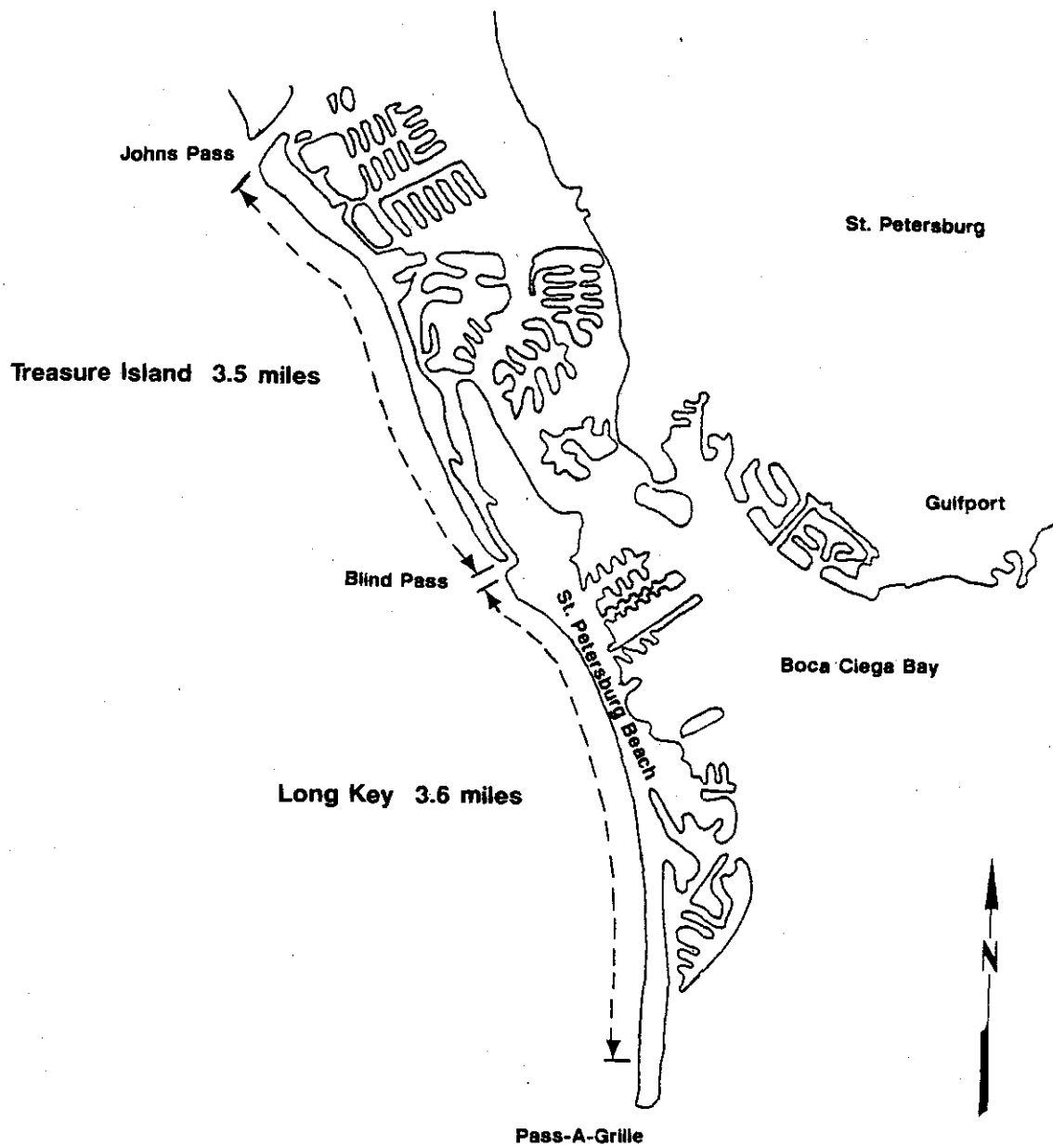
GULF OF MEXICO

Figure 7. Wakulla County









GULF OF MEXICO

Figure 11. Treasure Island and Long Key, Pinellas County

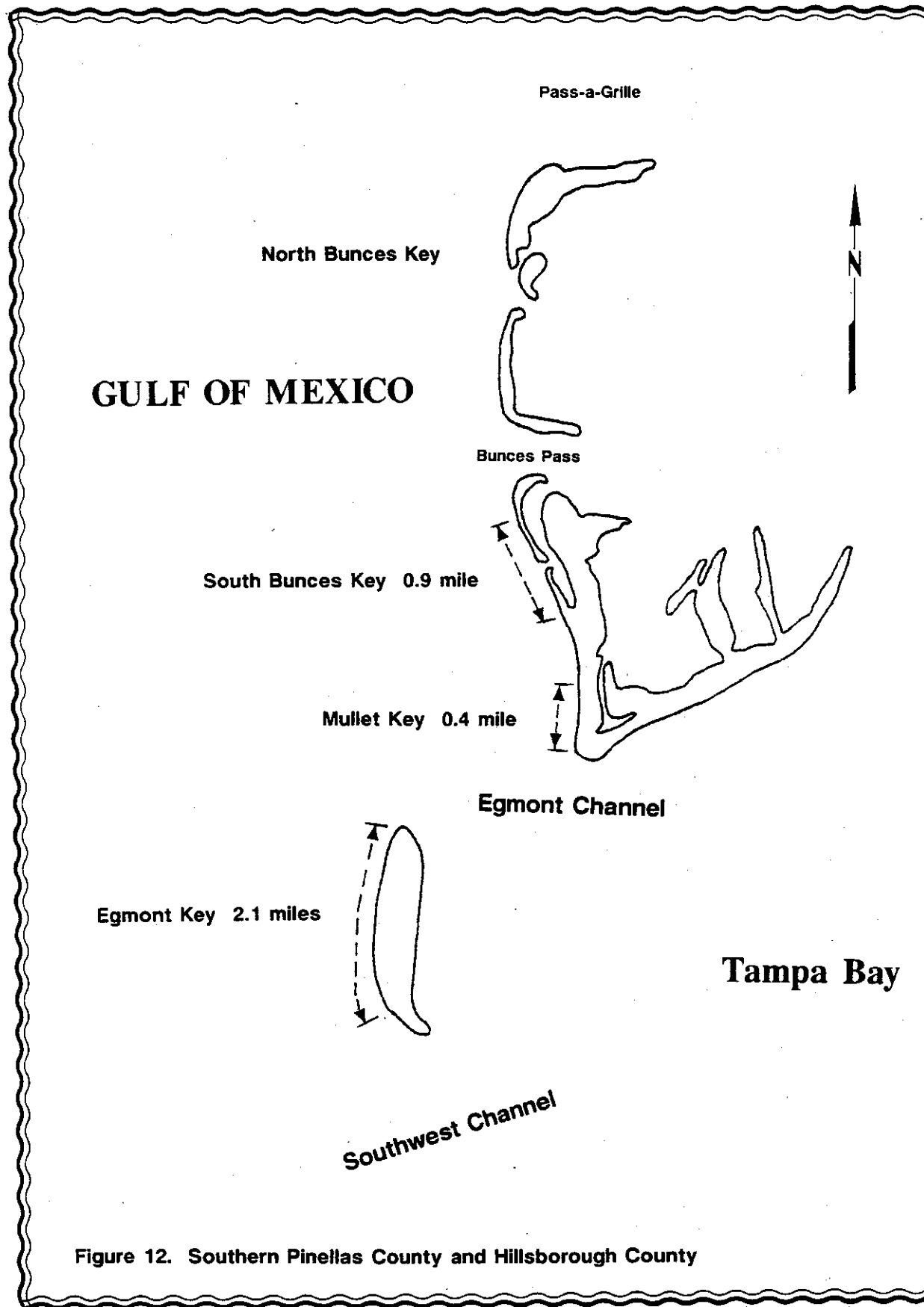


Figure 12. Southern Pinellas County and Hillsborough County

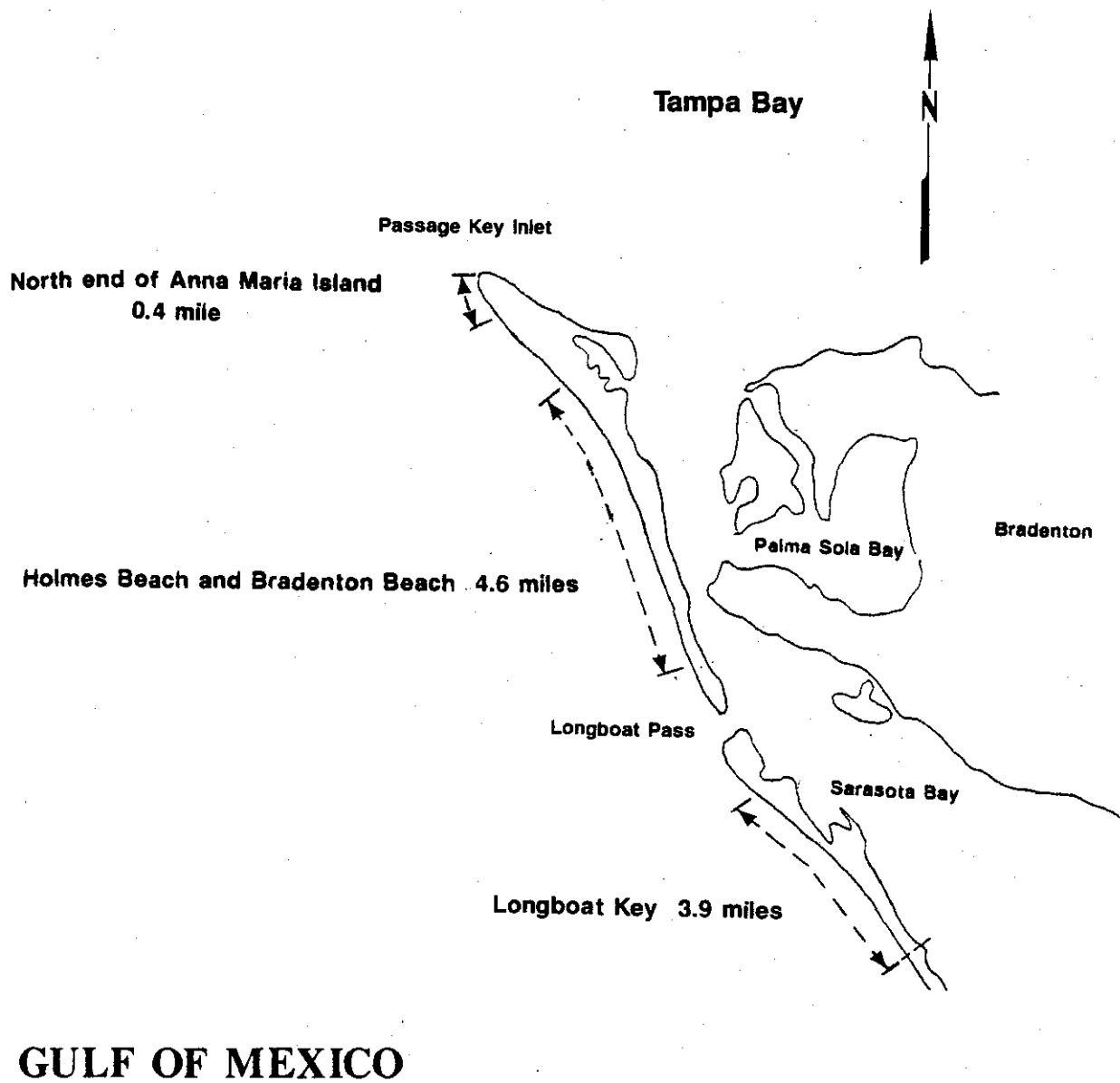


Figure 13. Manatee County

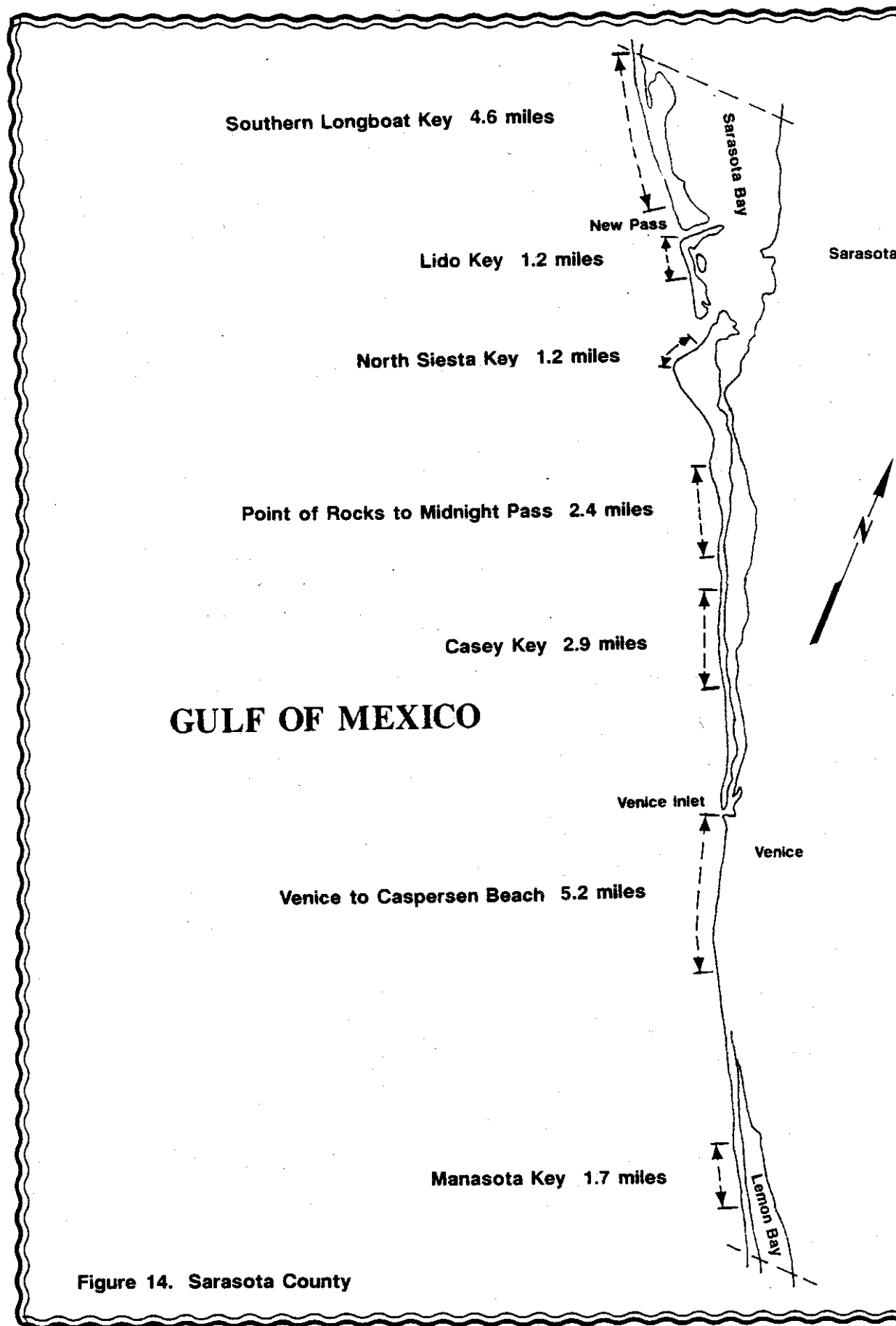


Figure 14. Sarasota County

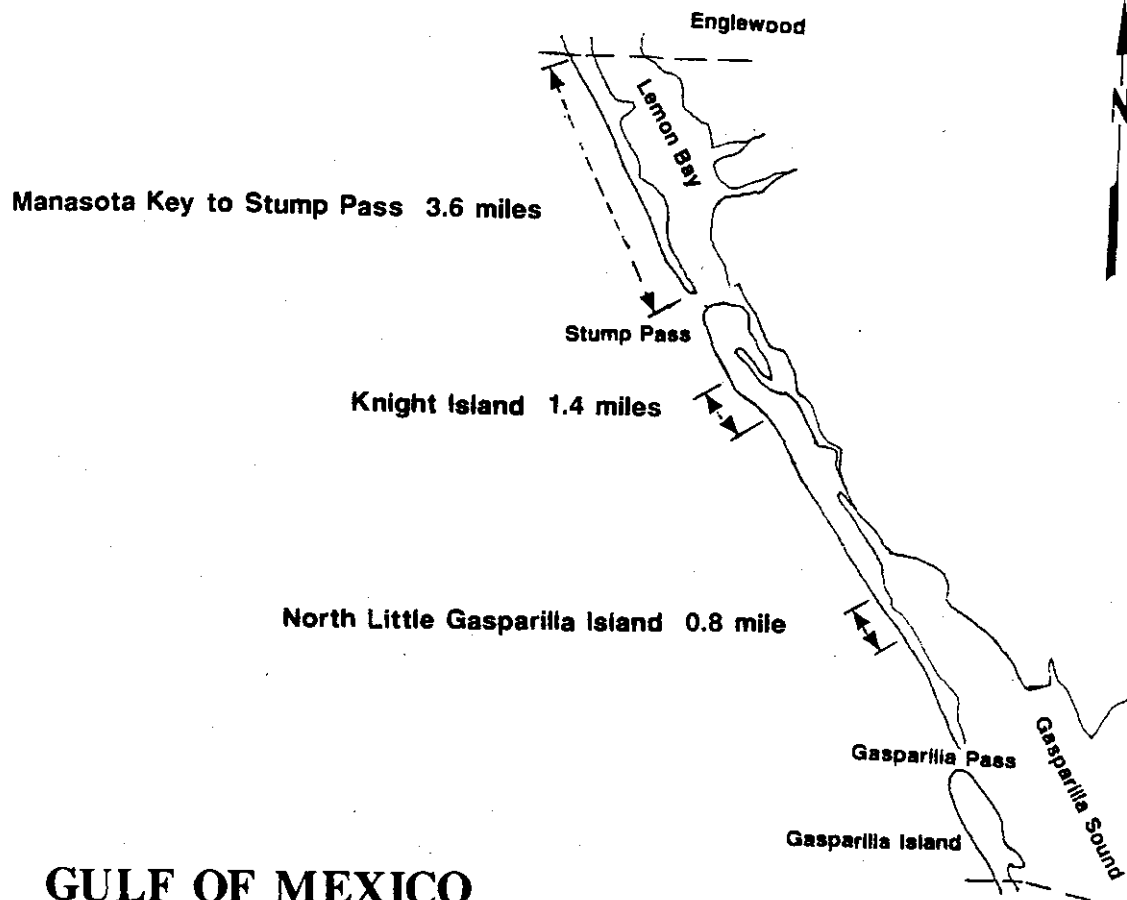
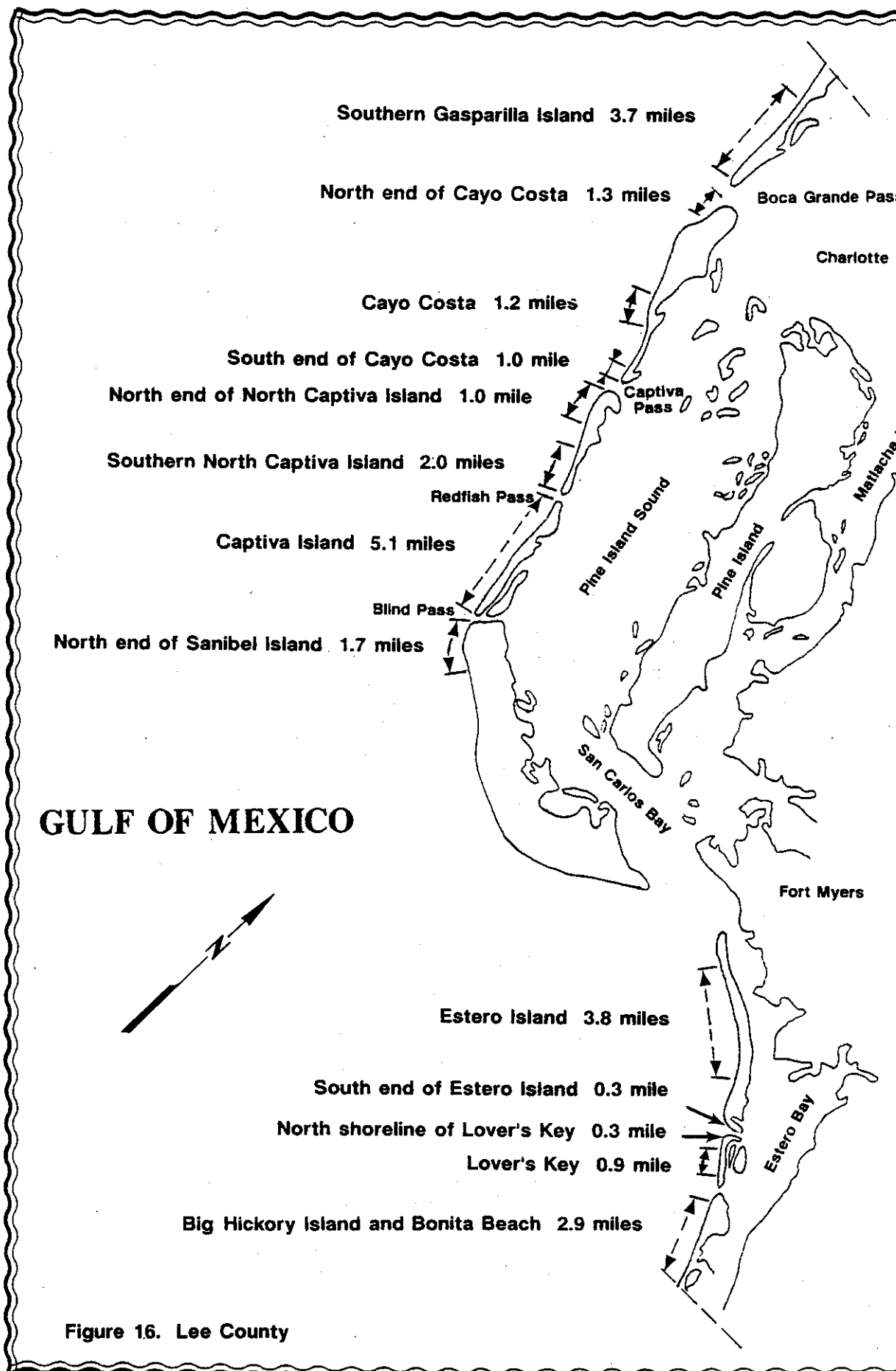


Figure 15. Charlotte County



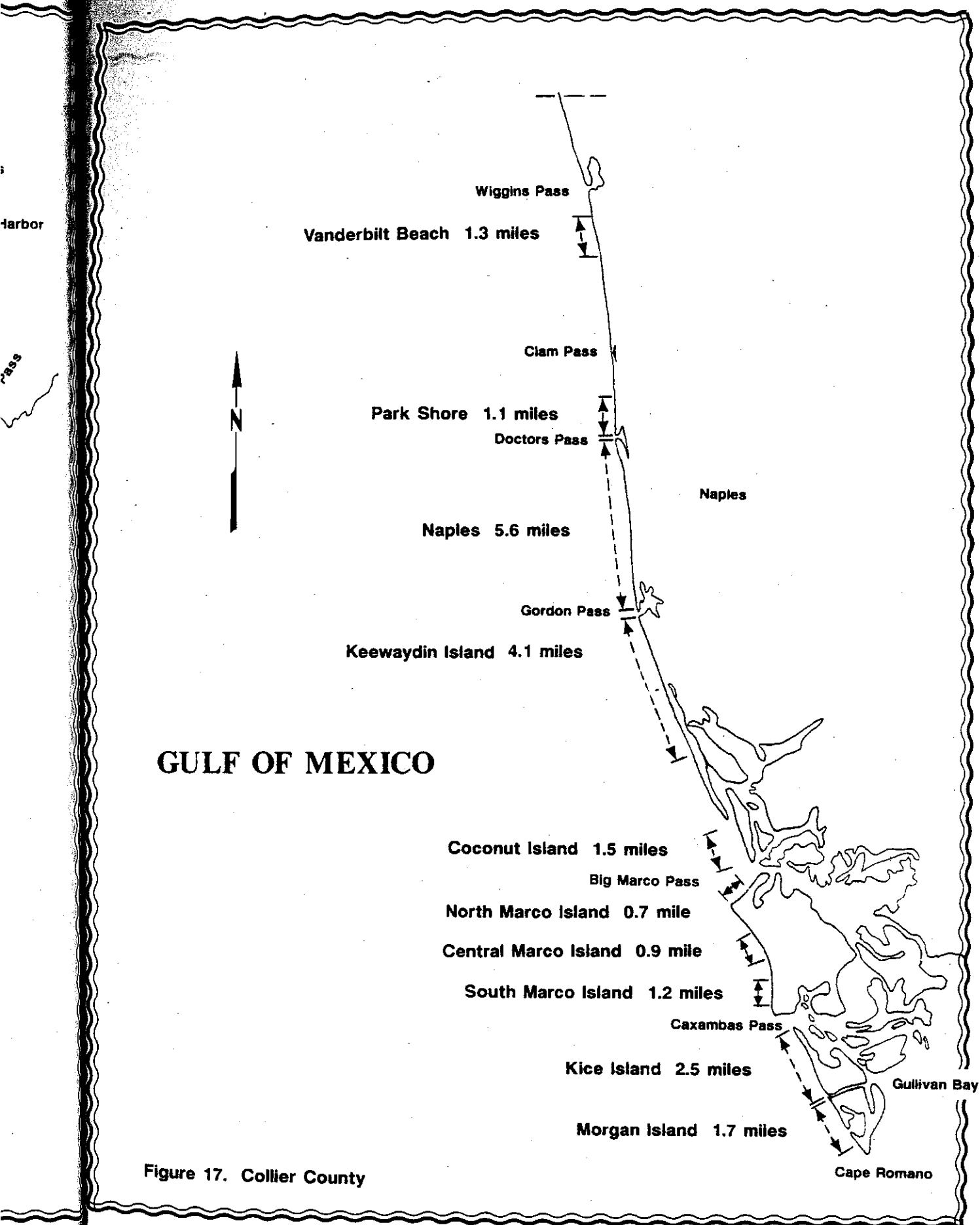


Figure 17. Collier County

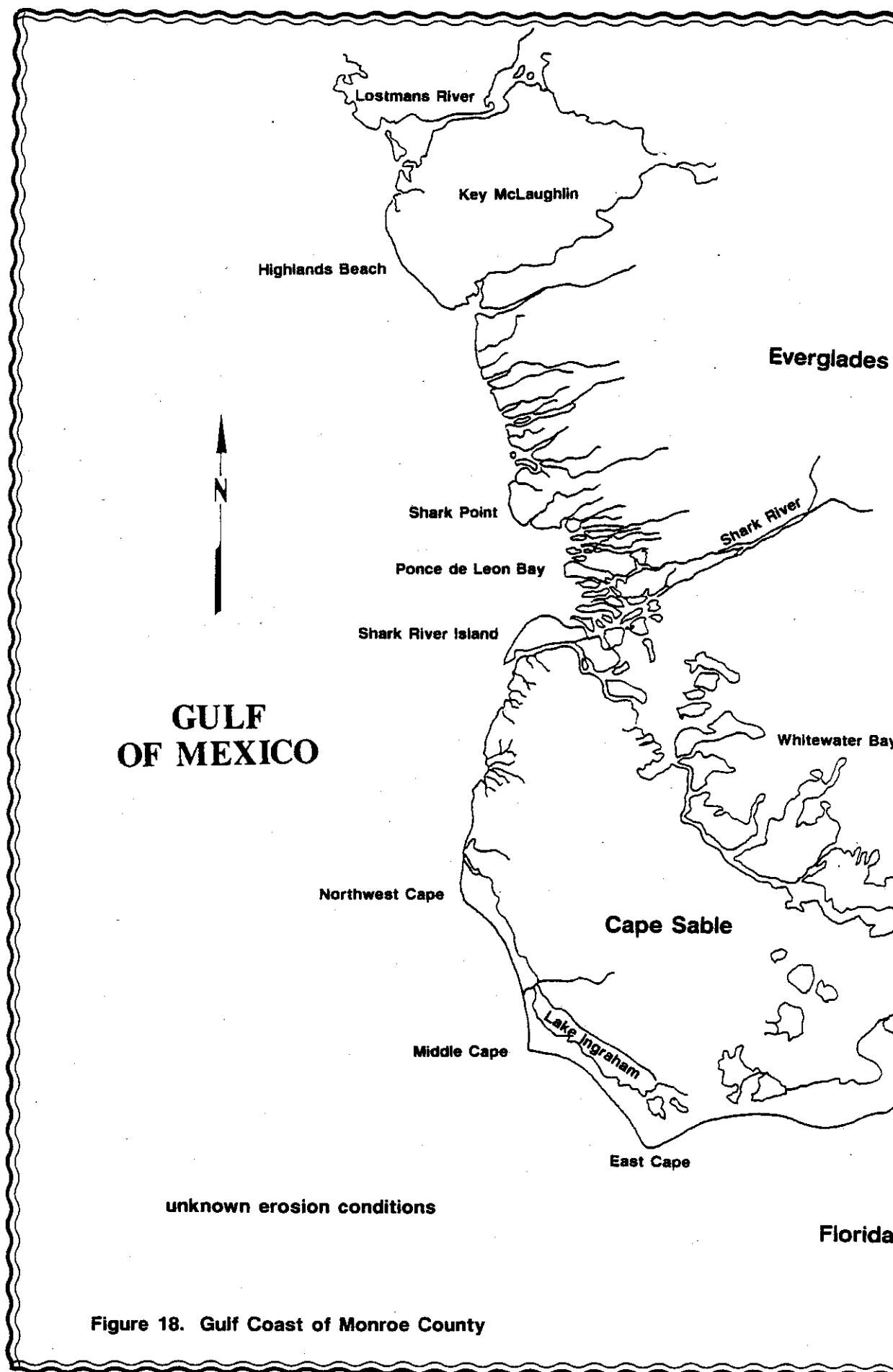


Figure 18. Gulf Coast of Monroe County

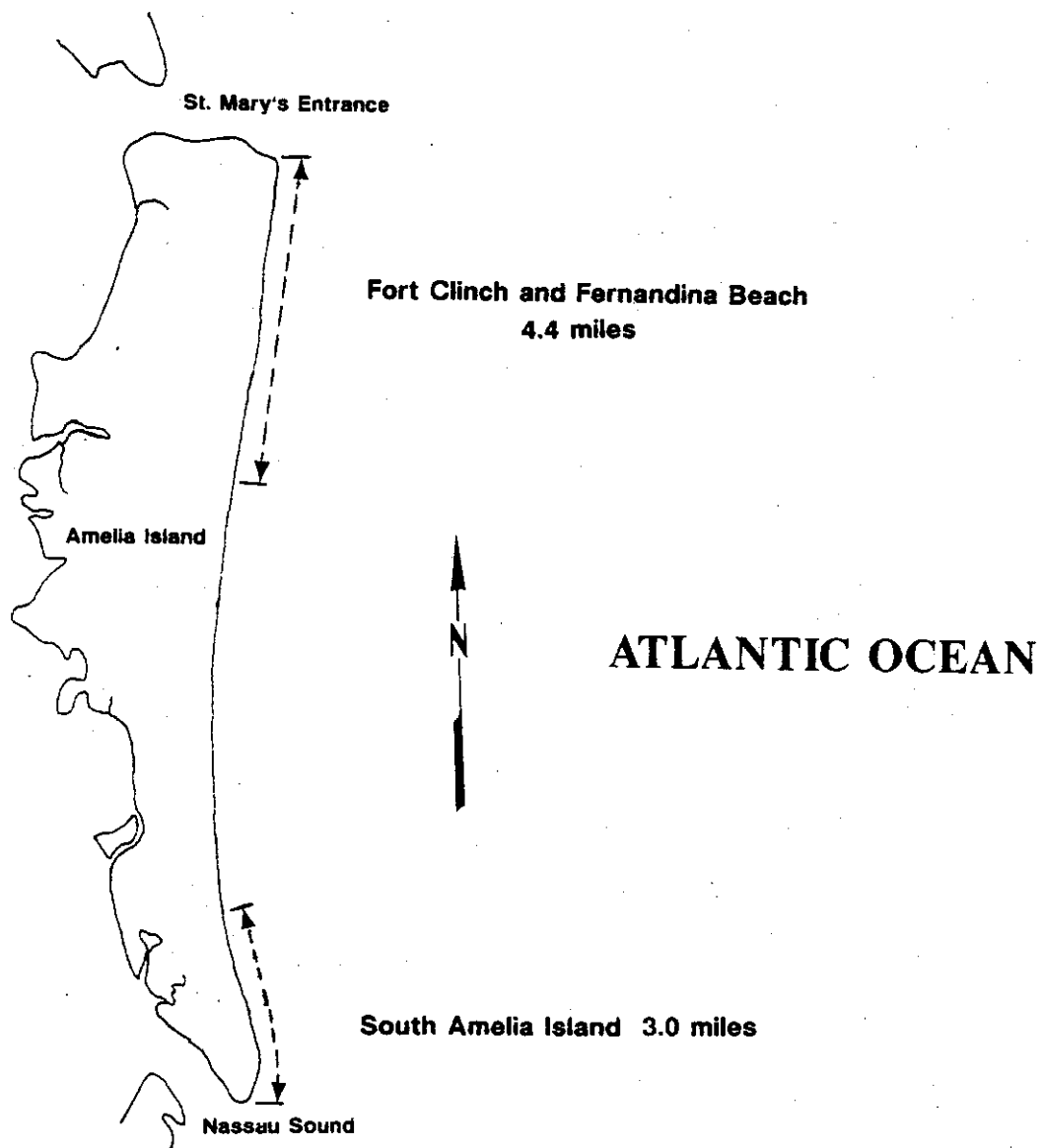


Figure 19. Nassau County

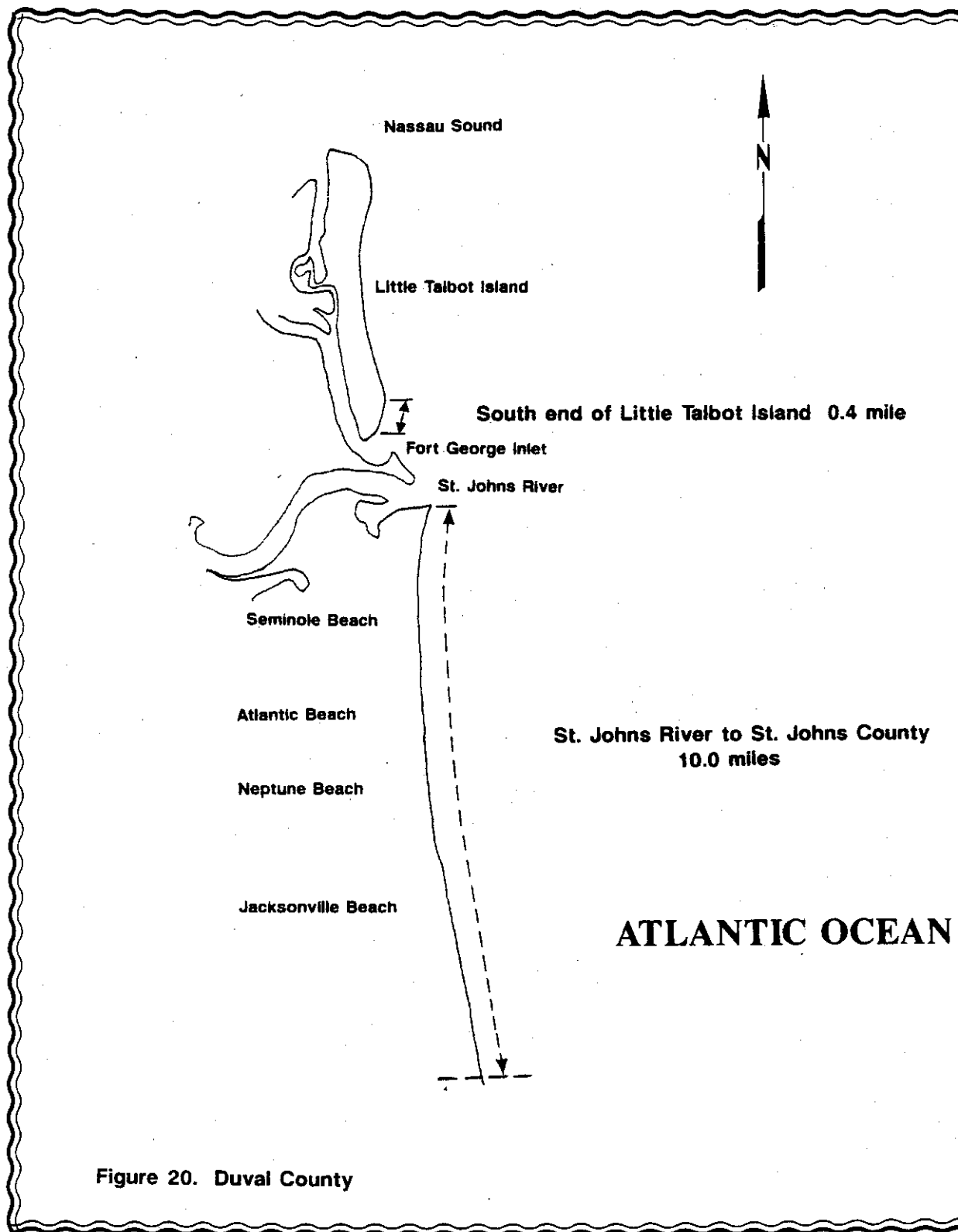


Figure 20. Duval County

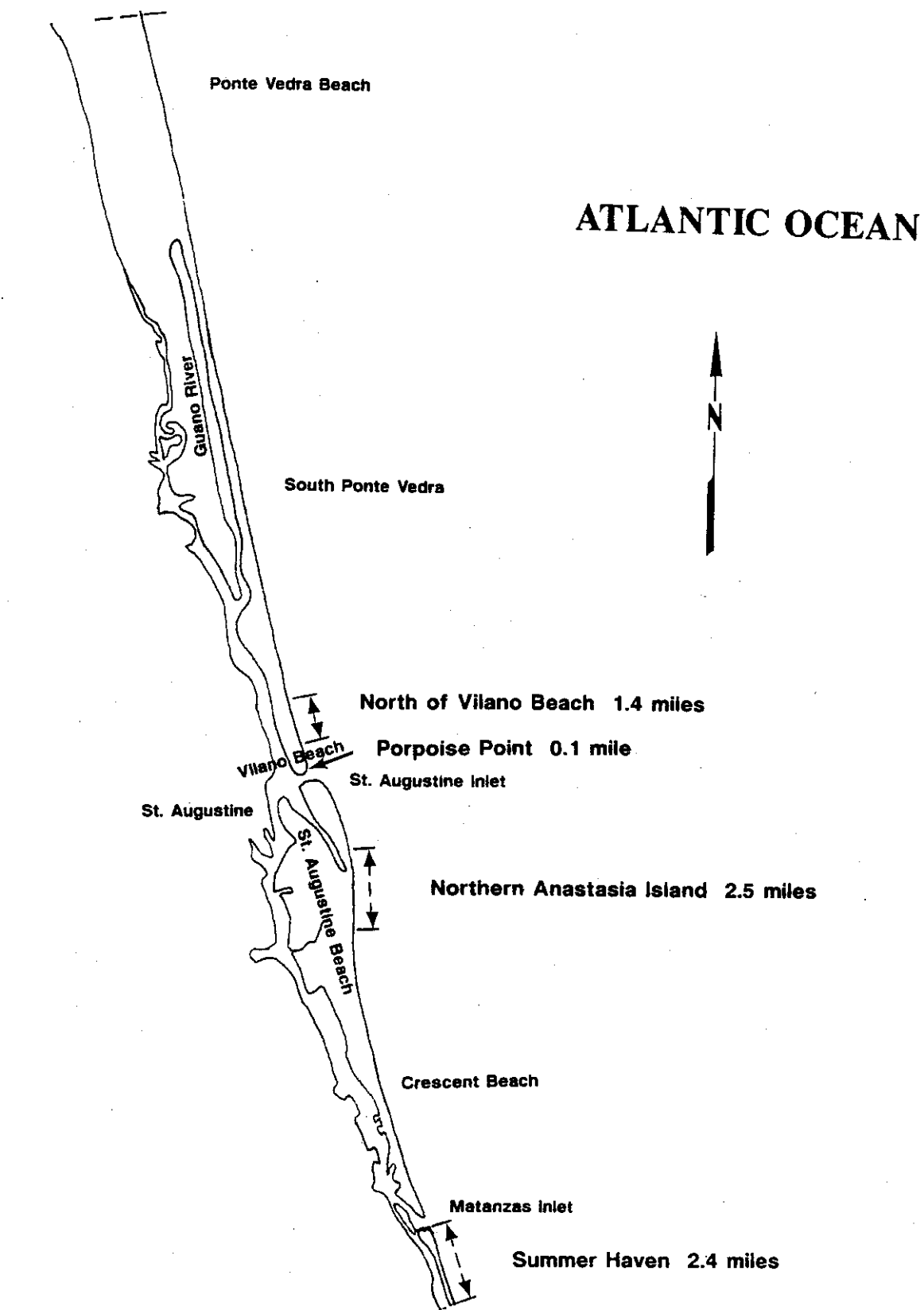
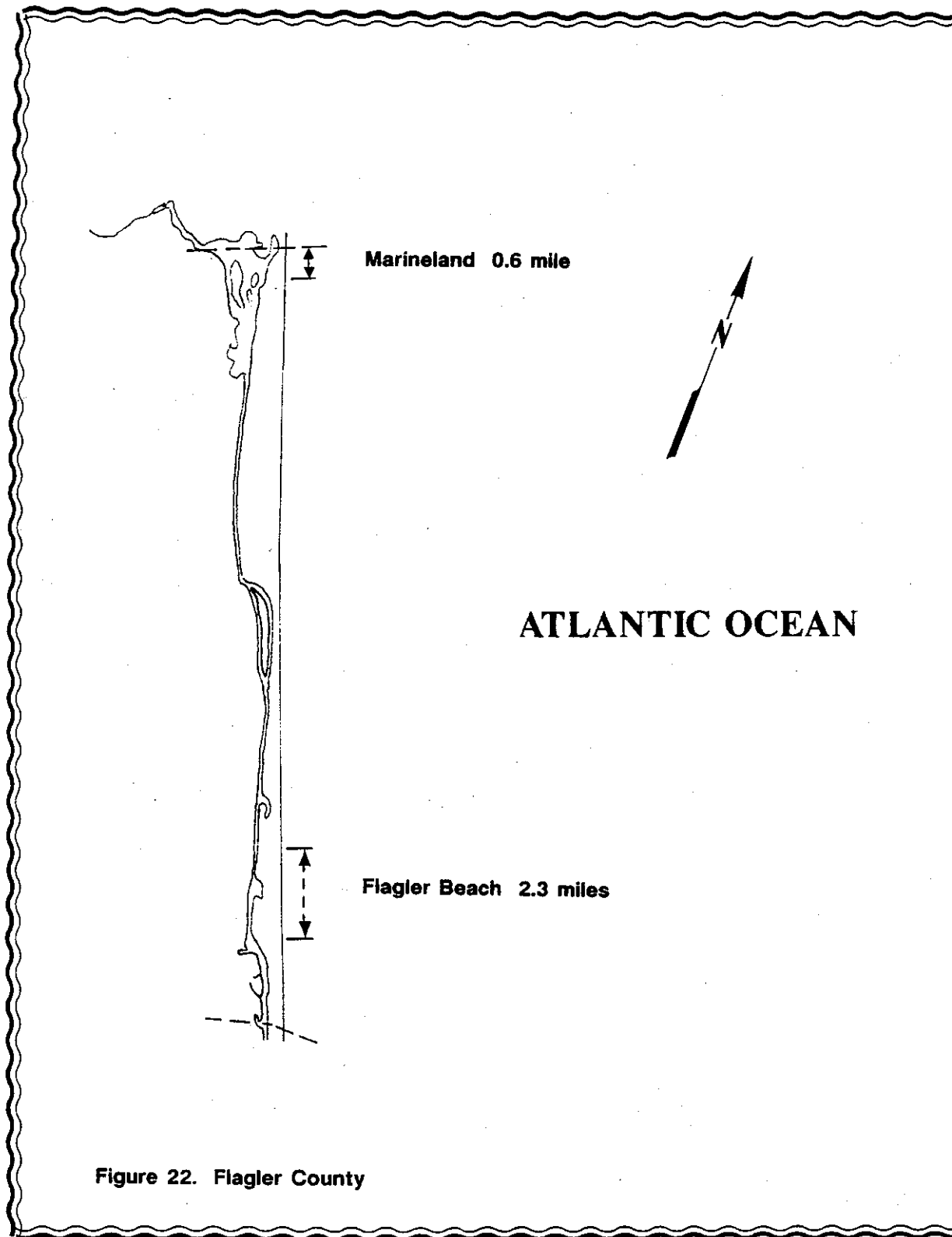


Figure 21. St. Johns County



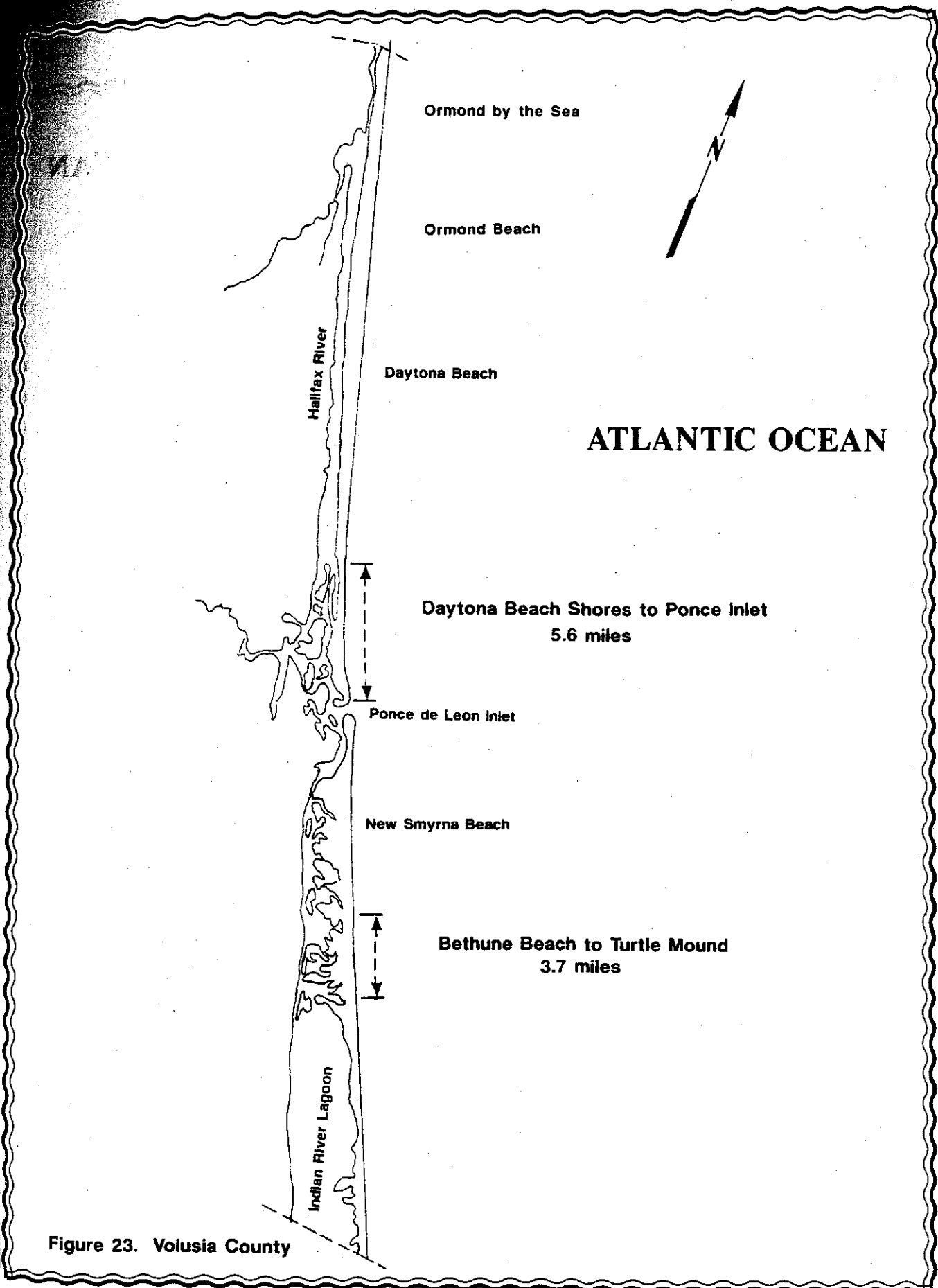


Figure 23. Volusia County

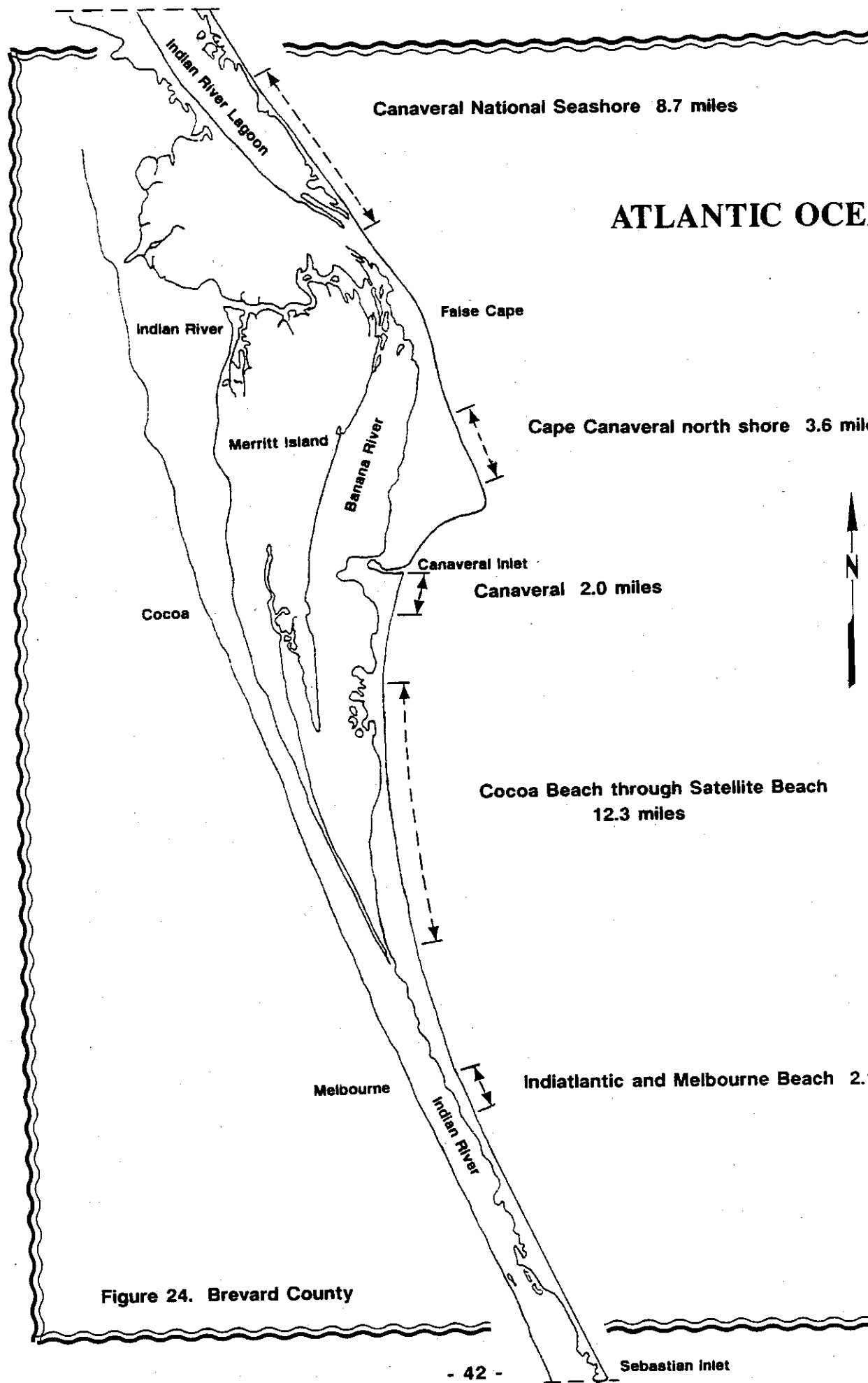


Figure 24. Brevard County

AN

PS

miles

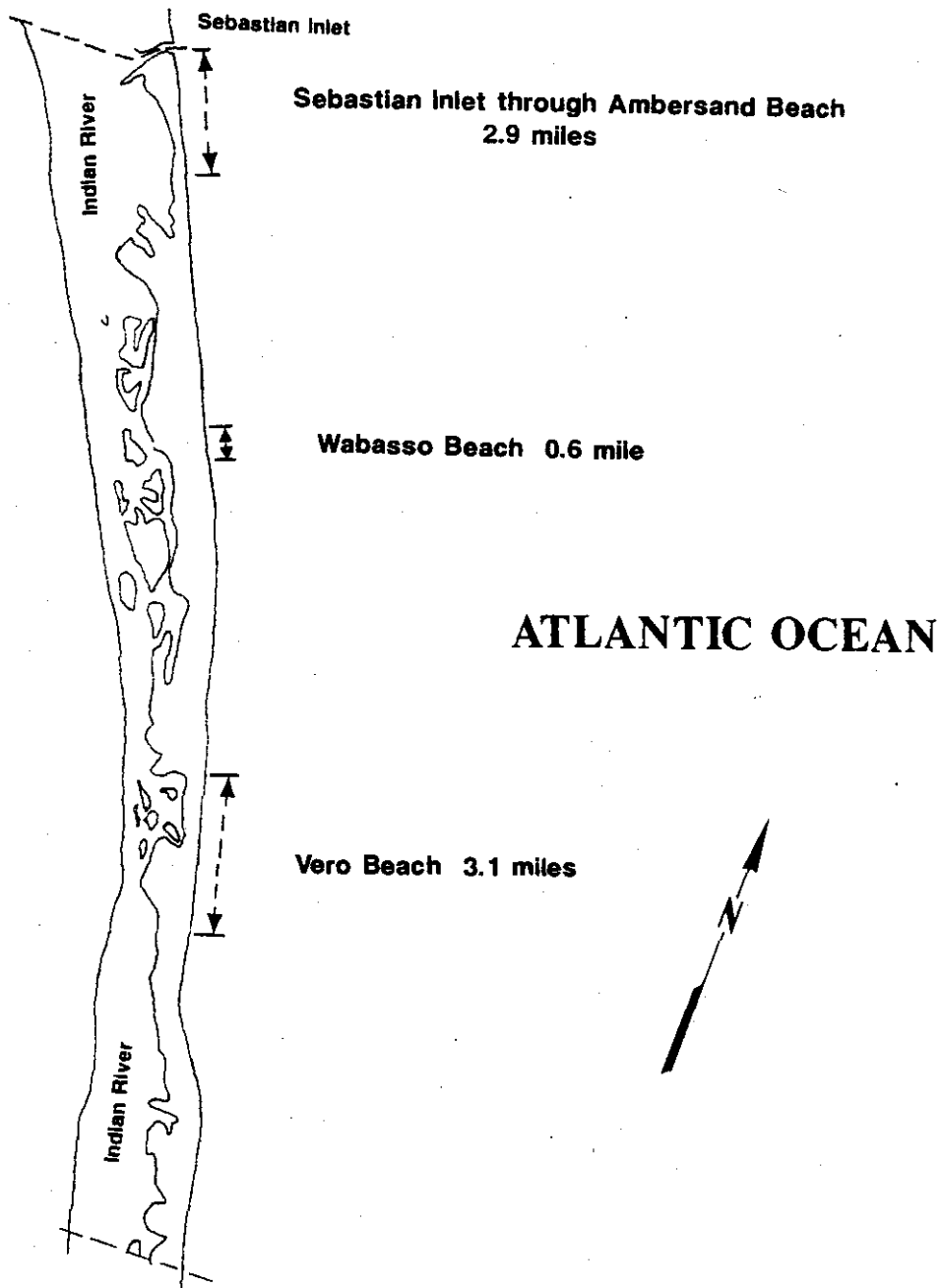


Figure 25. Indian River County

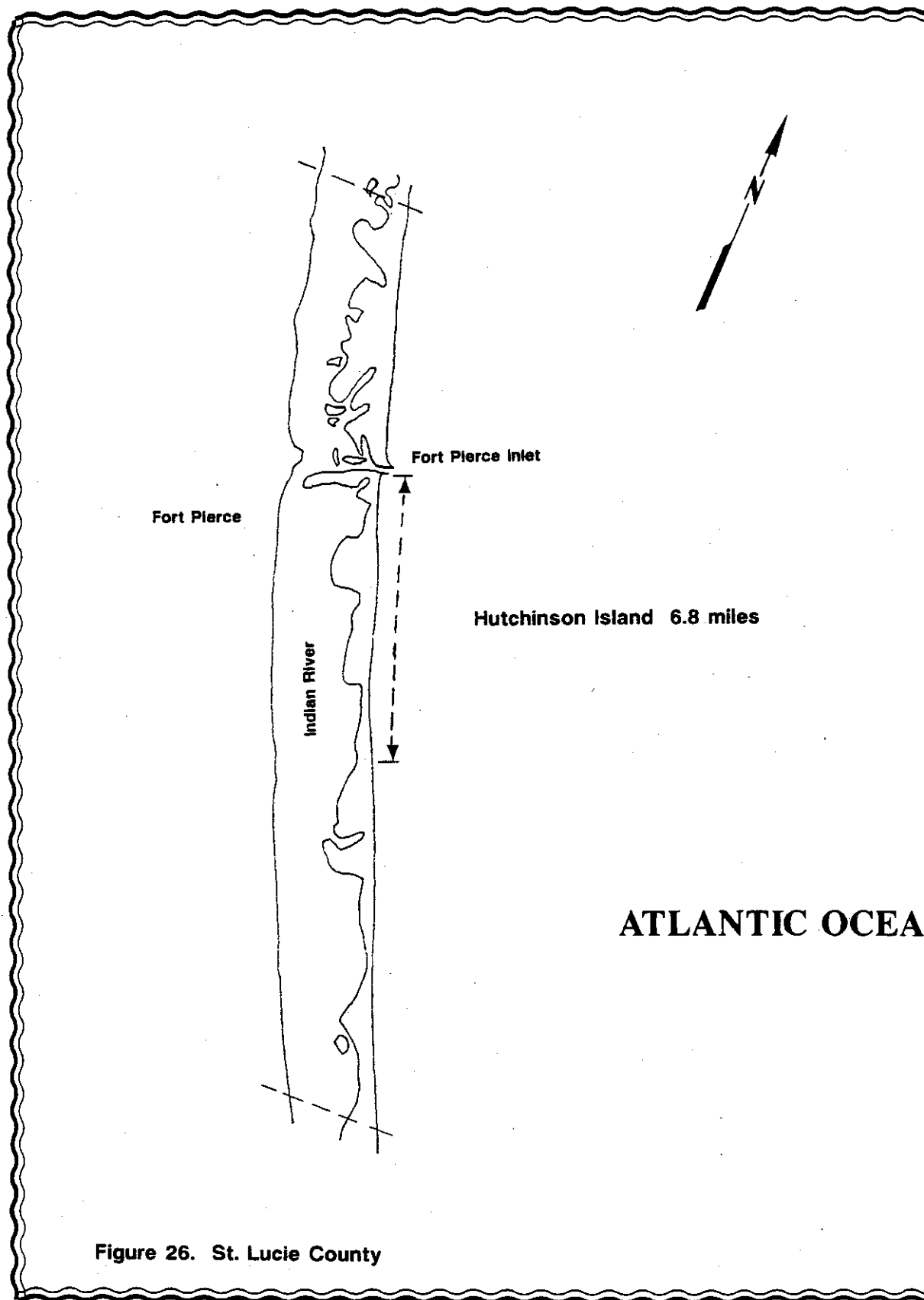


Figure 26. St. Lucie County

N

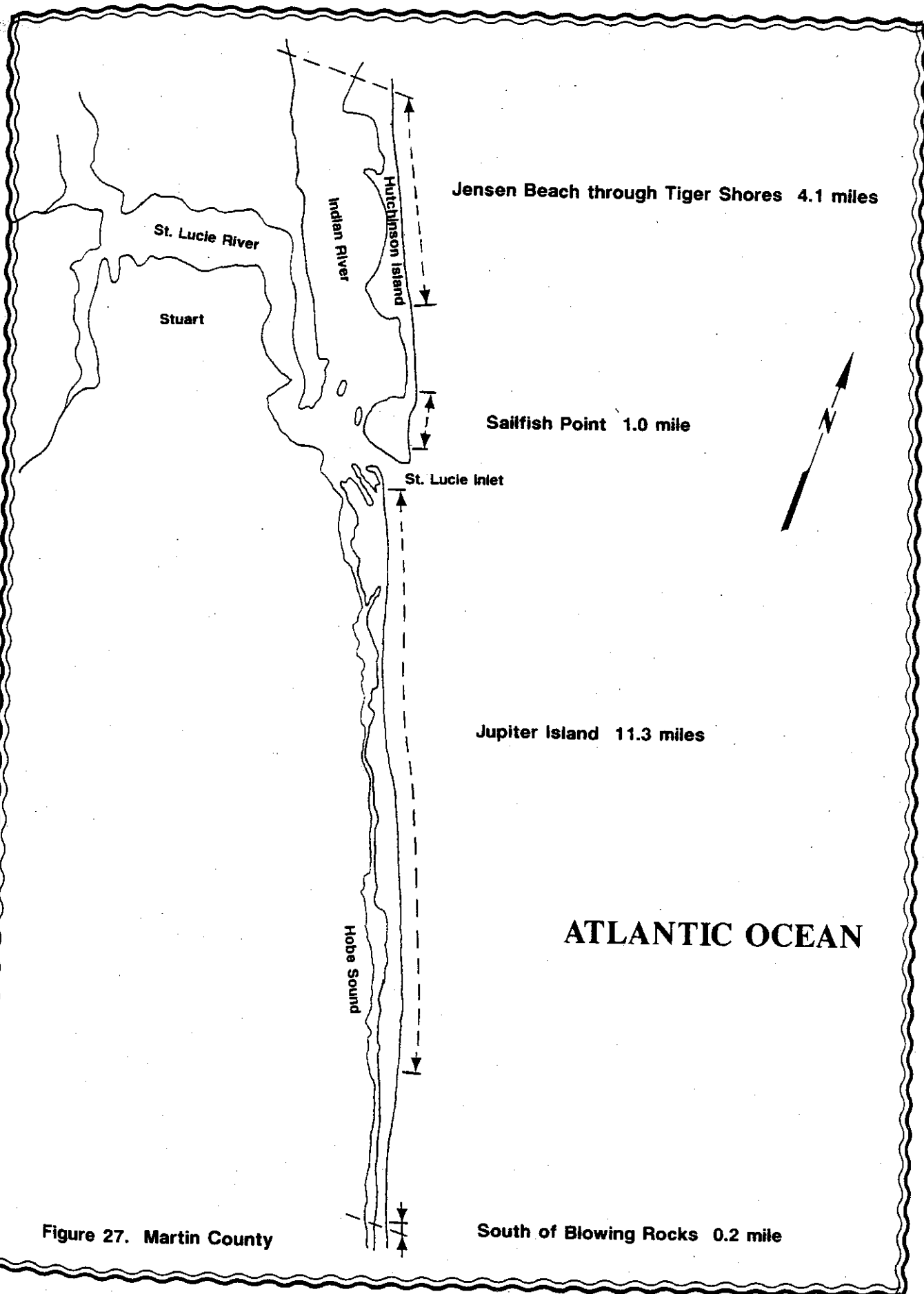


Figure 27. Martin County

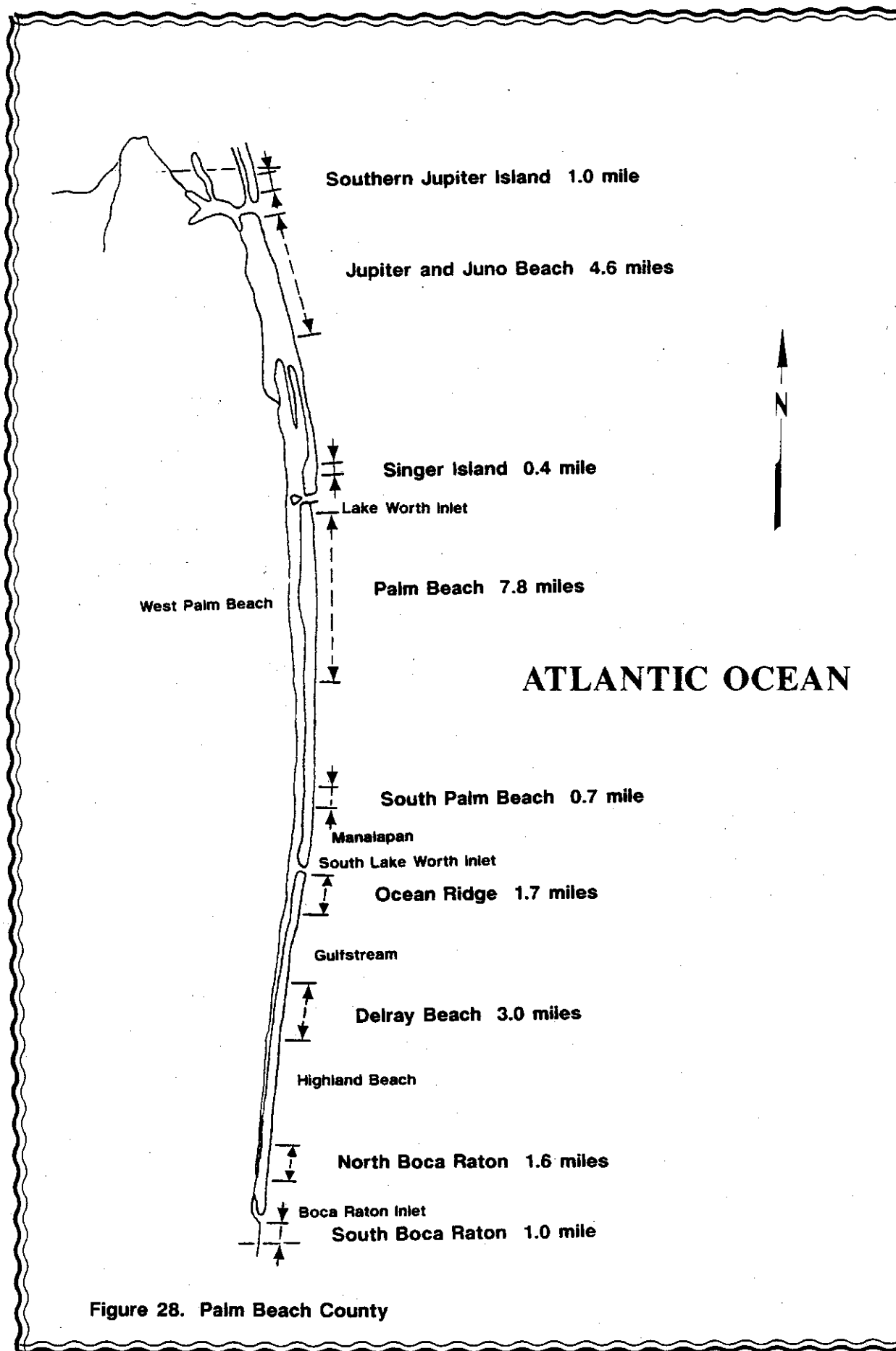


Figure 28. Palm Beach County

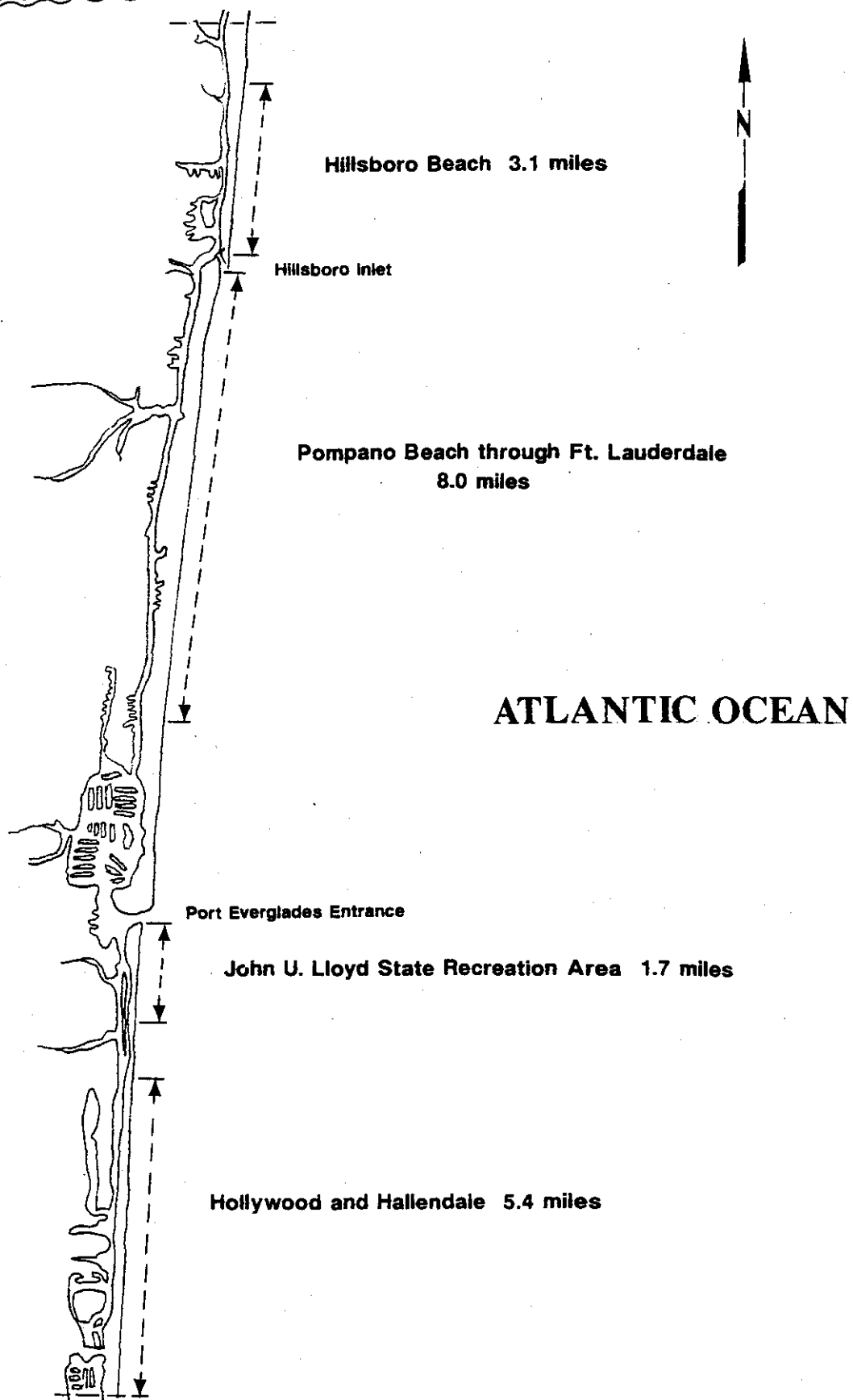
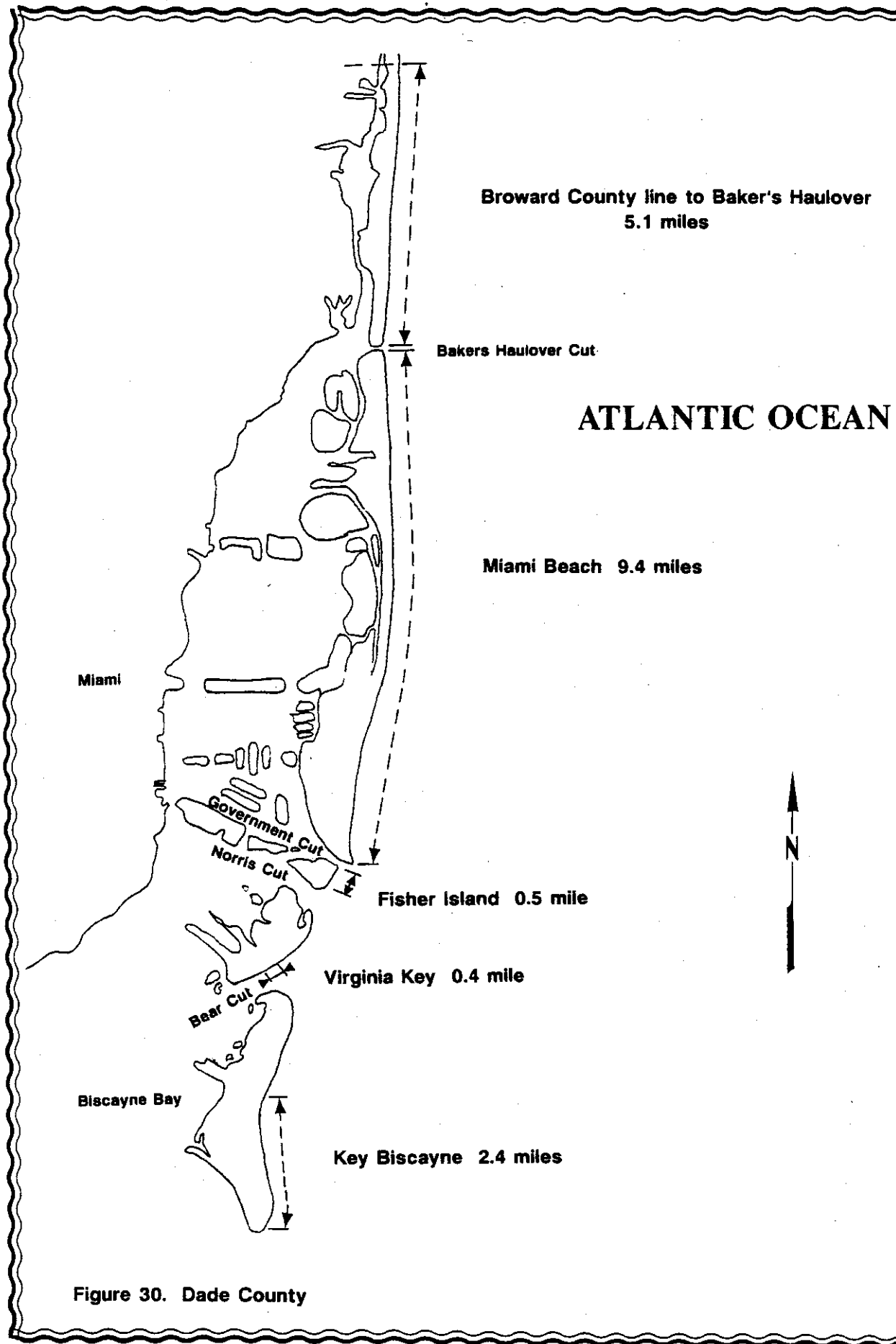


Figure 29. Broward County



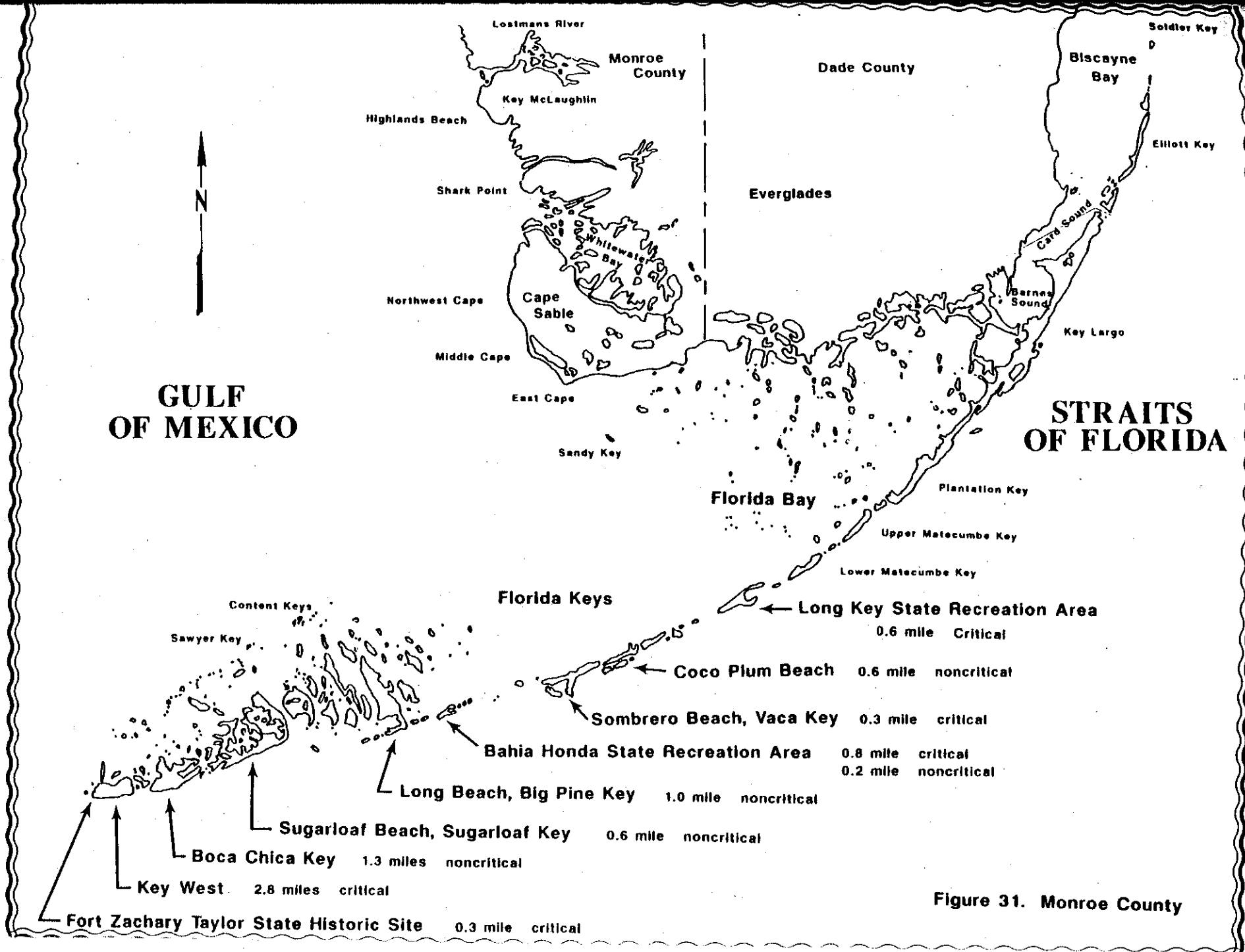


Figure 31. Monroe County

THE EROSION PROBLEM AREAS - CATEGORIZED

- I. High erosion rate or recent significant erosion conditions with or without adjacent development.
- II. Moderate or low erosion rate, but with a narrow beach fronting a highly developed area.
- III. Restored or nourishment beaches, or authorized restoration, with an active maintenance nourishment program.
- C. Critical erosion areas where substantial development or recreational interests are threatened.
- N/C. Noncritical erosion areas where the erosion processes do not currently threaten any substantial development or recreational interests.

<u>Erosion Problem Area</u>	<u>I</u>	<u>II</u>	<u>III</u>	<u>C</u>	<u>N</u>
Nassau, R9-R33	✓		✓	✓	
Nassau, R61-R71	✓			✓	
Nassau, R72-R80	✓				
Duval, R22-R25	✓				
Duval, V501-R80	✓		✓	✓	
St. Johns, R110-R117	✓			✓	
St. Johns, R122	✓			✓	
St. Johns, R135-R148	✓			✓	
St. Johns, R197-R200	✓			✓	
St. Johns, R200-R209	✓				
Flagler, R1-R4		✓		✓	
Flagler, R77-R90		✓		✓	
Volusia, R117-R148	✓		✓	✓	
Volusia, R194-R208	✓			✓	
Volusia, R208-R214	✓				
Brevard, V020-V066	✓				
Brevard, V117-V136	✓				
Brevard, R1-R12	✓		✓	✓	
Brevard, R29-R53	✓			✓	

<u>Erosion Problem Area</u>	<u>I</u>	<u>II</u>	<u>III</u>	<u>C</u>	<u>N/C</u>
Brevard, R53-R56	✓				✓
Brevard, R56-R81	✓			✓	
Brevard, R81-R85	✓				✓
Brevard, R85-R98	✓			✓	
Brevard, R123-R135			✓	✓	
Indian River, R1-R9			✓	✓	
Indian River, R9-R16	✓			✓	
Indian River, R37-R40		✓		✓	
Indian River, R70-R86		✓		✓	
St. Lucie, R34-R40	✓		✓	✓	
St. Lucie, R40-R46	✓			✓	
St. Lucie, R46-R70	✓				✓
Martin, R1-R25	✓			✓	
Martin, R34-R40	✓			✓	
Martin, R45-R76	✓				✓
Martin, R76-R86	✓			✓	
Martin, R86-R110	✓		✓	✓	
Martin, R126-R127	✓			✓	
Palm Beach, R3-R9		✓		✓	
Palm Beach, R12-R15	✓		✓	✓	
Palm Beach, R15-R36		✓		✓	
Palm Beach, R67-R69	✓			✓	
Palm Beach, R80-R116		✓		✓	
Palm Beach, R133-R137		✓		✓	
Palm Beach, R152-R160		✓		✓	
Palm Beach, R176-R190			✓	✓	
Palm Beach, R204-R212			✓	✓	
Palm Beach, R223-R227			✓	✓	
Broward, R7-R23		✓		✓	

<u>Erosion Problem Area</u>	<u>I</u>	<u>II</u>	<u>III</u>	<u>C</u>	<u>N/C</u>
Broward, R25-R53			✓	✓	
Broward, R53-R67		✓		✓	
Broward, R86-R95			✓	✓	
Broward, R100-R128			✓	✓	
Dade, R1-R7		✓		✓	
Dade, R7-R27			✓	✓	
Dade, R27-R74			✓	✓	
Dade, R75-R77			✓	✓	
Dade, R84-R86	✓				✓
Dade, R101-R113			✓	✓	
Monroe, Long Key	✓			✓	
Monroe, Coco Plum Beach	✓				✓
Monroe, Sombrero Beach		✓		✓	
Monroe, Sand Spur Beach	✓				✓
Monroe, Bahia Honda Key	✓			✓	
Monroe, Long Beach		✓			✓
Monroe, Sugarloaf Beach		✓			✓
Monroe, Boca Chica Key	✓				✓
Monroe, Key West		✓		✓	
Monroe, Ft. Taylor	✓		✓	✓	
Escambia, R31-R65	✓				✓
Escambia, R79-R110	✓				✓
Escambia, R110-R136	✓			✓	
Santa Rosa, R205-R214	✓				✓
Okaloosa, V612-V621	✓				✓
Bay, A38-R6	✓				✓
Bay, R6-R14	✓			✓	
Bay, R14-R17	✓				✓
Bay, R17-R20	✓			✓	

<u>Erosion Problem Area</u>	<u>I</u>	<u>II</u>	<u>III</u>	<u>C</u>	<u>N/C</u>
Bay, R63-R97	✓			✓	
Bay, R98-V009	✓				✓
Bay, Dog Island	✓				✓
Bay, V018-V040	✓				✓
Bay, R127-R144	✓			✓	
Gulf, R41-R114	✓				✓
Gulf, R106	✓			✓	
Gulf, R150-R162	✓				✓
Franklin, V17-V34	✓				✓
Franklin, R3-R5	✓				✓
Franklin, R17-R24	✓				✓
Franklin, R34-R51	✓				✓
Franklin, R53-R69	✓				✓
Franklin, R147-R149	✓				✓
Franklin, R157-R170	✓				✓
Franklin, R180-R184	✓				✓
Franklin, R194-R196	✓				✓
Franklin, R210-R216	✓			✓	
Franklin, R220-R225	✓			✓	
Franklin, R225-R229	✓				✓
Wakulla, Mashers Sands	✓			✓	
Wakulla, Shell Point		✓		✓	
Levy, Seahorse Key	✓				✓
Hernando, Pine Island		✓		✓	
Pasco, Hudson Beach		✓		✓	
Pasco, Anclote Key	✓				✓
Pinellas, Anclote Key	✓				✓
Pinellas, Three Rooker Bar	✓				✓
Pinellas, R6-R12			✓	✓	

<u>Erosion Problem Area</u>	<u>I</u>	<u>II</u>	<u>III</u>	<u>C</u>	<u>N/C</u>
Pinellas, R17-R20	✓				✓
Pinellas, R36-R40		✓		✓	
Pinellas, R47-R49		✓		✓	
Pinellas, R57-R71	✓			✓	
Pinellas, R72-R108			✓	✓	
Pinellas, R109-R115		✓		✓	
Pinellas, R126-R143			✓	✓	
Pinellas, R144-R163			✓	✓	
Pinellas, North Bunces Key	✓				✓
Pinellas, South Bunces Key	✓				✓
Pinellas, R176-R178			✓	✓	
Hillsborough, Egmont Key	✓				✓
Manatee, R2-R5	✓			✓	
Manatee, R12-R36			✓	✓	
Manatee, R47-R67			✓	✓	
Sarasota, R1-R25		✓		✓	
Sarasota, R30-R37			✓	✓	
Sarasota, R44A-R45	✓			✓	
Sarasota, R46-R47		✓		✓	
Sarasota, R64-R77		✓		✓	
Sarasota, R81-R96		✓		✓	
Sarasota, R116-R143	✓			✓	
Sarasota, R168-R177	✓			✓	
Charlotte, R1-R15	✓			✓	
Charlotte, R15-R20			✓	✓	
Charlotte, R27-R34	✓				✓
Charlotte, R45-R49	✓			✓	
Lee, R8-R26		✓		✓	

<u>Erosion Problem Area</u>	<u>I</u>	<u>II</u>	<u>III</u>	<u>C</u>	<u>N/C</u>
Lee, R27-R33	✓				✓
Lee, R46-R52	✓				✓
Lee, R60-R65	✓				✓
Lee, R66-R71	✓			✓	
Lee, R74-R81	✓				✓
Lee, R83-R109			✓	✓	
Lee, R109-R112	✓			✓	
Lee, R112-R118	✓				✓
Lee, R181-R200		✓		✓	
Lee, R208-R210	✓			✓	
Lee, R211-R212	✓				✓
Lee, R215-R220	✓				✓
Lee, R225-R226	✓				✓
Lee, R226-R239		✓		✓	
Collier, R22-R29		✓		✓	
Collier, R51-R57		✓		✓	
Collier, A12-R89		✓		✓	
Collier, R90-R111	✓				✓
Collier, R127-R128	✓				✓
Collier, R128			✓	✓	
Collier, R134-R139			✓	✓	
Collier, R143-R148			✓	✓	
Collier, Kice Island	✓				✓
Collier, Morgan Island	✓				✓

LENGTH OF CRITICALLY ERODING GULF BEACHES

<u>County</u>	<u>Erosion, Miles</u>	<u>Critical, Miles</u>	<u>Noncritical</u>
Escambia	17.2	4.9	12.3
Santa Rosa	1.9	0.0	1.9
Okaloosa	1.7	0.0	1.7
Walton	0.0	0.0	0.0
Bay	25.9	11.6	14.3
Gulf	16.9	0.1	16.8
Franklin	18.3	2.0	16.3
Wakulla	2.0	2.0	0.0
Jefferson	0.0	0.0	0.0
Taylor	0.0	0.0	0.0
Dixie	0.0	0.0	0.0
Levy	1.2	0.0	1.2
Citrus	0.0	0.0	0.0
Hernando	0.8	0.8	0.0
Pasco	3.2	0.2	3.0
Pinellas	22.8	20.9	1.9
Hillsborough	2.1	0.0	2.1
Manatee	8.9	8.9	0.0
Sarasota	19.1	19.1	0.0
Charlotte	5.8	4.4	1.4
Lee	25.2	16.9	8.3
Collier	20.6	10.8	9.8
Monroe	<u>unknown</u>	<u>---</u>	<u>---</u>
	193.6	102.6	91.4

LENGTH OF CRITICALLY ERODING ATLANTIC BEACHES

<u>Mile</u>	<u>County</u>	<u>Erosion, Miles</u>	<u>Critical, Miles</u>	<u>Noncritical, Miles</u>
	Nassau	7.4	6.2	1.2
	Duval	10.4	10.0	0.4
	St. Johns	6.4	4.6	1.8
	Flagler	2.9	2.9	0.0
	Volusia	9.3	8.2	1.1
	Brevard	28.7	15.2	13.5
	Indian River	6.6	6.6	0.0
	St. Lucie	6.8	2.3	4.5
	Martin	16.6	11.1	5.5
	Palm Beach	21.8	21.8	0.0
	Broward	18.2	18.2	0.0
	Dade	17.8	17.4	0.4
	Monroe	<u>8.5</u>	<u>4.8</u>	<u>3.7</u>
		161.4	129.3	32.1

SUMMARY

Atlantic	161.4	129.3	32.1
Gulf	<u>193.6</u>	<u>102.6</u>	<u>91.0</u>
	355.0	231.9	123.1

GULF COASTAL BARRIER INLETS AND THEIR ADJACENT
BEACH AREAS OF AFFECTED EROSION

BARRIER INLET	AFFECTED BEACH AREA
Pensacola Bay Entrance	Santa Rosa Island to east and Perdido Key to west
East Pass, Choctawatchee Bay	Santa Rosa Island to west
Phillips Inlet	beaches to east and west
St. Andrews Inlet	Panama City Beach to west and Shell Island to east
St. Andrews Bay East Entrance	Shell Island to west and beach to east
Eloise Inlet	Crooked Island beach to east and west
Mexico Beach Canal Entrance	Mexico Beach to east
St. Joseph Point Channel	St. Joseph Peninsula to south
Indian Pass	Indian Peninsula to west
West Pass	St. Vincent Island to west and St. George Island to east
Bob Sikes Cut	St. George Island to east and west
East Pass	Dog Island to east and east end of St. George Island to west
Ochlockonee Bay Entrance	Mashes Sands to north and Lighthouse Point to south
unnamed inlet	Mashes Sands to north and south
Hurricane Pass	Honeymoon Island to north and Caladesi Island to south
North Willy's Cut	Caladesi Island to south
Clearwater Pass	Clearwater Pass north shoreline
Johns Pass	Treasure Island to south
Blind Pass	Long Key to south

BARRIER INLET

AFFECTED BEACH AREA

Pass-A-Grille

Long Key to north

unnamed inlet

North Bunces Key to north and south

Bunces Pass

South Bunces Key to south

unnamed inlet

South Bunces Key to north and south

Egmont Channel

Egmont Key to south and Mullet Key
to north

Southwest Channel

Egmont Key to north

Passage Key Inlet

north end of Anna Maria Island to south

Longboat Pass

Longboat Key to south

New Pass

Lido Key to south

Big Sarasota Pass

north end of Siesta Key to south

Venice Inlet

Venice to south

Stump Pass

beach to north

Gasparilla Pass

south end of Little Gasparilla Island
to north

Boca Grande Pass

Gasparilla Island to north and Cayo Costa
to south

Captiva Pass

south end of Cayo Costa to north and North
Captiva Island to south

Redfish Pass

south end of North Captiva Island to
north and Captiva Island to south

Blind Pass

north end of Sanibel Island to south

Clam Bayou Pass

Sanibel Island to north and south

San Carlos Bay Entrance

Estero Island to south

Estero Pass

no problem areas

Big Carlos Pass

south end of Estero Island to north and
north end of Lover's Key to south

New Pass

Big Hickory Island to south

Big Hickory Pass

Big Hickory Island to north

Wiggins Pass

beach to south

BARRIER INLET

AFFECTED BEACH AREA

Clam Pass

no problem areas

Doctors Pass

Naples to south

Gordon Pass

north Keewaydin Island to south

Little Marco Pass

Sea Oat Island to south

Hurricane Pass

Sea Oat Island to south

Capri Pass

Coconut Island to south and
Sea Oat Island to north

Big Marco Pass

Coconut Island to north

Caxambas Pass

south end of Marco Island to north
and Kice Island to south

Blind Pass

Kice Island to north and Morgan I
to south

2 unnamed inlets

Morgan Island to north and south

Morgan Pass

Morgan Island to west and Cape Ro
to east

ATLANTIC COASTAL BARRIER INLETS AND THEIR ADJACENT BEACH AREAS OF AFFECTED EROSION

BARRIER INLET

AFFECTED BEACH AREA

St. Marys River Entrance	northern Amelia Island to south
Nassau Sound	south end of Amelia Island to north
Fort George Inlet	south end of Little Talbot Island to north
St. Johns River Entrance	Jacksonville Beach to south
St. Augustine Inlet	northern Anastasia Island to south
Matanzas Inlet	Summer Haven beach to south
Ponce de Leon Inlet	beach to north
Canaveral Inlet	beach to south
Sebastian Inlet	beach to south
Fort Pierce Inlet	Fort Pierce Beach to south
St. Lucie Inlet	Jupiter Island to south
Jupiter Inlet	beach to south
Lake Worth Inlet	Palm Beach to south
South Lake Worth Inlet	Ocean Ridge beach to south
Boca Raton Inlet	beach to south
Hillsboro Inlet	Pompano Beach to south
Port Everglades Entrance	beach to south
Bakers Haulover Inlet	Bal Harbour beach to south
Government Cut	Fisher Island to south
Norris Cut	Fisher Island to north
Bear Cut	beach along Virginia Key

ESCAMBIA COUNTY

- Balsillie, James H., 1975, Analysis and interpretation of Littoral Environmental Observation (LEO) and profile data along the western panhandle coast of Florida: United States Army Corps of Engineers, Coastal Engineering Research Center, technical memorandum number 49.
- Balsillie, James H., and Ralph R. Clark, September, 1979, Preliminary report on coastal and shoreline damage resulting from the impact of hurricane Frederic on the northwestern panhandle of Florida: Beaches and shores poststorm report number 791.
- Balsillie, James H., October, 1985, Poststorm report: hurricane Elena of 29 August to 2 September 1985: Beaches and shores poststorm report number 85-2.
- Balsillie, James H., T. Y. Chiu, and S. Demirpolat, June, 1986, Longterm shoreline change rates for Escambia County: Beaches and shores special report number 86-2.
- Balsillie, James H., and Ralph R. Clark, March, 1992, The gulf coast of Florida: overview of physiography, geology, and historical shoreline change: Florida Department of Natural Resources, Division of Beaches and Shores.
- Bruno, R. O., January, 1971, Longshore current system, Panama City to Pensacola: Florida State University, masters thesis.
- Bunting, D. C., R. C. Gentry, M. H. Latour, and Grady Norton, July, 1951, Florida hurricanes of 1950: Florida Engineering and Industrial Experiment Station, University of Florida, bulletin series number 45.
- Case, Robert A., and Harold P. Gerrish, 1986, North Atlantic tropical cyclones, 1985: National Hurricane Center, National Oceanic and Atmospheric Administration.
- Chiu, T. Y., January, 1986, Escambia County coastal construction control line study: Beaches and Shores Resource Center, Florida State University.
- Clark, Ralph R., September, 1979, Summary field inspection report of beach and coastal construction storm damage resulting from hurricane Frederic in the Florida panhandle, September 13, 1979: Beaches and shores poststorm report.
- Clark, Ralph R., March, 1986, The impact of hurricane Elena and tropical storm Juan on coastal construction in Florida: Beaches and shores poststorm report number 85-3.

Coastal Engineering Laboratory, University of Florida, 1960
Preliminary feasibility report on new inlet through the
Santa Rosa Island (60/018).

Coastal and Oceanographic Engineering Department, University of
Florida, 1973, Coastal engineering study of proposed Navarre
Pass (73/006).

Coastal and Oceanographic Engineering Laboratory, University of
Florida, 1974, Recommended coastal setback line for Escambia
County, Florida (74/006).

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and H.
Orhan, October 30, 1988 Bathymetric changes in coastal
Florida: an atlas, Escambia County, 1856-1985: Florida
State University.

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and H.
Orhan, October 30, 1988, Historical Florida shorelines: an
atlas, Escambia County, 1886-1979: Florida State
University.

Florida Department of Natural Resources, Division of Beaches and
Shores, February, 1990, Florida's beach restoration
management plan for planning districts I, II, and V.

Garcia, Andrew W. and William S. Hegge, July, 1987, Hurricane
Elena storm surge data: United States Army Corps of
Engineers, Waterways Experiment Station, technical report
CERC-87-10.

Herbert, Paul J., et al, September, 1979, Annual data and
verification tabulation, Atlantic tropical cyclones, 1979
National Hurricane Center, National Oceanic and Atmospheric
Administration.

Horvath, G. J., June, 1968, The sedimentology of the Pensacola
Bay system, northwestern Florida: Geology Department
Florida State University, contribution number 26.

Hsu, Shih-Ang, 1970, Shear stress of sea breeze on a swash zone
Proceedings of the Twelfth Coastal Engineering Conference
page 243.

Isphording, Wayne C., John A. Stringfellow, and George C.
Flowers, 1985, Sedimentary and geochemical systems in
transitional marine sediments in the northeastern Gulf of
Mexico: Gulf Coast Association of Geological Societies
Transactions, volume 35, pages 397 - 408.

Jones, Christopher P., 1977, An evaluation of sand bypassing
systems at tidal inlets in Florida: Coastal and
Oceanographic Engineering Laboratory, University of Florida
masters thesis.

Leverett, F., 1931, The Pensacola terrace and associated beaches and bars in Florida: Florida Geological Survey, bulletin number 7.

Marsh, Owen T., 1966, Geology of Escambia and Santa Rosa Counties, western Florida panhandle: Florida Geological Survey, bulletin number 46.

Otvos, Ervin G., 1982, Santa Rosa Island, Florida panhandle, origins of a composite barrier island: Southeastern Geology, volume 23, pages 25 - 24.

Sonu, Choule J., et al, 1974, Sea breeze and coastal processes: Coastal Studies Institute, Louisiana State University.

Stapor, Frank W., Jr., October, 1975, Shoreline changes between Phillips Inlet and Pensacola Inlet, northwest Florida coast: Transactions Gulf Coast Association of Geological Societies, volume 25, pages 373 - 378.

Stone, Gregory W., and James P. Morgan, September, 1983, On the concept of storm wave susceptibility and its application to four Florida coastal areas: Proceedings of the Florida Shore and Beach Preservation Association, 1983 joint annual meeting, pages 19 - 36.

Stone, Gregory W., and J. D. Salmon, 1988, Hurricane-related morphodynamics and implications for hazard mitigations, Perdido Key, Florida: Coastal Management, volume 16, pages 245 - 270.

Stone, Gregory, 1991, Differential sediment supply and the cellular nature of longshore transport along coastal northwest Florida and southwest Alabama since the late Holocene: University of Maryland, dissertation.

Stone, Gregory W., Frank W. Stapor, and James P. Morgan, 1992, Multiple sediment sources and a cellular nonintegral, longshore drift system: northwest Florida and southeast Alabama coast, U.S.A.: Marine Geology, volume 105, pages 141 - 154.

United States Army Corps of Engineers, Mobile District, June, 1980, Detailed project report on Beach erosion control at Santa Rosa Island, Florida.

United States Army Corps of Engineers, Mobile District, February, 1981, Hurricane Frederic postdisaster report, 30 August - 14 September 1979.

United States Environmental Protection Agency, 1988, Final environmental impact statement for designation of a new ocean dredged material disposal site, Pensacola, Florida.

SANTA ROSA COUNTY

- Balsillie, James H., 1975, Analysis and Interpretation Littoral Environmental Observation (LEO) and profile data along the western panhandle coast of Florida: United States Army Corps of Engineers, Coastal Engineering Research Center, technical memorandum number 49.
- Balsillie, James H., and Ralph R. Clark, March, 1992, The gulch coast of Florida: overview of physiography, geology, and historical shoreline change: Florida Department of Natural Resources, Division of Beaches and Shores.
- Bodge, Kevin, R., and Erik J. Olsen, July, 1989, Navarre navigation project: designing an inlet for no net impact adjacent shorelines: American Society of Civil Engineers Proceedings of Coastal Zone '89, pages 3390 - 3402.
- Bodge, Kevin R., 1987, Hydraulic characteristics of the proposed navigation project at Navarre Beach, Florida: Olsen Associates, Incorporated.
- Bodge, Kevin R., 1987, Offshore and breaking wave conditions Navarre Beach, Florida: Olsen Associates, Incorporated.
- Bodge, Kevin R., 1987, Tidal investigation of Navarre Beach, Florida: Olsen Associates, Incorporated.
- Bodge, Kevin R., and Erik J. Olsen, 1988, Engineering evaluation of a proposed navigation project at Navarre Beach, Florida: Olsen Associates, Incorporated.
- Bruno, R. O., January, 1971, Longshore current system, Panama City to Pensacola: Florida State University, master's thesis.
- Clark, Ralph R., September, 1979, Summary field inspection report of beach and coastal construction storm damage resulting from hurricane Frederic in the Florida panhandle, September 13, 1979: Beaches and Shores poststorm report.
- Coastal Engineering Laboratory, University of Florida, 1966 Preliminary feasibility report on new inlet through Santa Rosa Island (60/018).
- Coastal and Oceanographic Engineering Department, University of Florida, 1973, Coastal engineering study of proposed Navarre Pass (73/006).
- Demirpolat Suleyman, William F. Tanner, M. A. Knoblauch, and Orhan, October 30, 1988, Bathymetric changes in coastal Florida: an atlas, Escambia County, 1856-1985: Florida State University.

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and H. Orhan, October 30, 1988, Historical Florida shorelines: an atlas, Escambia County 1856 - 1979: Florida State University

Florida Department of Natural Resources, Division of Beaches and Shores, February, 1990, Florida's beach restoration management plan for planning districts I, II, and V.

Herbert Paul, Jr., et al, September, 1979, Annual data and verification tabulation, Atlantic tropical cyclones 1979: National Hurricane Center, National Oceanic and Atmospheric Administration.

Marsh, D. T., 1966, Geology of Escambia and Santa Rosa Counties, western Florida panhandle: Florida Geological Society, bulletin number 46.

Olsen and Associates, Incorporated, 1988, Engineering evaluation of a proposed navigation project at Navarre Beach, Florida.

Stone, Gregory W., and James P. Morgan, September, 1983, On the concept of storm wave susceptibility and its application to four Florida coastal areas: Proceedings of the Florida Shore and Beach Preservation Association, 1983 joint annual meeting, pages 19 - 36.

OKALOOSA COUNTY

- Balsillie, James H., 1975, Analysis and interpretation of Littoral Environmental Observation (LEO) and profile data along the western panhandle coast of Florida: United States Army Corps of Engineering, Coastal Engineering Research Center, technical memorandum number 49.
- Balsillie, James H., and Ralph R. Clark, September, 1979, Preliminary report on coastal and shoreline damage results from the impact of hurricane Frederic on the northwestern panhandle of Florida: Beaches and shores poststorm report number 79-1.
- Balsillie, James H., and Ralph R. Clark, March, 1992, The gulch coast of Florida: overview of physiography, geology, and historical shoreline change: Florida Department of Natural Resources, Division of Beaches and Shores.
- Bruno, R. O., January, 1971, Longshore current system, Panama City to Pensacola: Florida State University, master's thesis.
- Clark, Ralph R., September, 1979, Summary field inspection report of beach and coastal construction storm damage results from hurricane Frederic in the Florida panhandle, September 13, 1979: Beaches and shores poststorm report.
- Coastal and Oceanographic Engineering Laboratory, University of Florida, February, 1974, Recommended coastal setback line for Okaloosa County, Florida (74/019).
- Coastal and Oceanographic Engineering Laboratory, University of Florida, April, 1978, Recommended coastal setback line for Okaloosa County, Florida, Range 31 to Range 50.
- Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and Orhan, September 30, 1988, Bathymetric changes in coastal Florida: an atlas, Okaloosa County, 1930-1979: Florida State University.
- Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and Orhan, September 30, 1988, Historical Florida shoreline: an atlas, Okaloosa County, 1871-1979: Florida State University.
- Florida Department of Natural Resources, Division of Beaches and Shores, February, 1990, Florida's beach restoration management plan for planning districts I, II, and V.
- Garcia, Andrew W. and William S. Hegge, July, 1987, Hurricane Elena storm surge data: United States Army Corps of Engineers, Waterways Experiment Station, technical report CERC-87-10.

Goldsmith, Victor, 1966, The recent sedimentary environment of Choctawhatchee Bay, Florida: Florida State University, masters thesis.

Jones, Christopher P., 1977, An evaluation of sand bypassing systems tidal inlets in Florida: Coastal and Oceanographic Engineering Laboratory, University of Florida, masters thesis.

Herbert, Paul J., et al, September, 1979, annual data and verification tabulation, Atlantic tropical cyclones, 1979: National Hurricane Center, National Oceanic and Atmospheric Administration.

Hyne, Norman John, 1965, Sedimentary environments and submarine geomorphology of the continental shelf in the area of Choctawhatchee Bay, Florida: Florida State University, masters thesis.

Hyne, Norman John, and H. G. Goodell, 1967, Origin of the sediments and submarine geomorphology of the innercontinental shelf off Choctawhatchee Bay, Florida: Journal of Marine Geology, volume 5, pages 299 - 313.

Levin, D. R., 1983, East Pass: Evidence of anomalous eastward longshore sediment transport, in: Sedimentary processes and environment along the northeast coast of the Gulf of Mexico: Louisiana State University Coastal Research Technical Report 83-2, pages 122 - 129.

Morang, Andrew, April, 1992, A study of geologic and hydraulic processes at East Pass, Destin, Florida: United State Army Corps of Engineers, Coastal Engineering Research Center, technical report CERC-92-5.

Parker, N. E., October, 1979, Weir jetties - their continuing evolution: Shore and Beach, pages 15 - 19.

Snetzer, Robert E., April, 1969, Jetty-weir systems at inlets in the Mobile engineer district: Shore and Beach, pages 28 - 32.

Sonu, C. J., and L. D. Wright, 1975, Mass transport and dispersion off a tidal inlet: Offshore Technology Conference, paper number OTC 2383, volume 3, pages 489 - 498.

Stapor, Frank W., Jr., October, 1975, Shoreline changes between Phillips Inlet and Pensacola Inlet, northwest Florida coast: Transactions - Gulf Coast Association of Geological Societies, volume 25, pages 373 - 378.

Stone, Gregory W., and James P. Morgan, September, 1983, On concept of storm wave susceptibility and its application to four Florida coastal areas: Proceedings of the Florida Shore and Beach Preservation Association, 1983 joint annual meeting, pages 19 - 36.

United States Army Corps of Engineers, Mobile District, 1963, Study of East Pass Channel, Choctawhatchee Bay, Florida.

United States Army Corps of Engineers, Mobile District, October 1963, Survey report on East Pass channel, Florida - Gulf of Mexico into Choctawhatchee Bay.

United States Army Corps of Engineers, April 22, 1964, East Pass Channel from the Gulf of Mexico into Choctawhatchee Bay, Florida: Letter from the Secretary of the Army to the Congress, 2nd Session.

United States Army Corps of Engineers, Mobile District, 1964, East Pass Channel, Florida: General design memorandum.

United States Army Corps of Engineers, Mobile District, November 1971, Special flood hazard information report, Okaloosa Island beaches on Santa Rosa Island.

United States Army Corps of Engineers, Mobile District, 1972, Evaluation of weir-jetty systems at Perdido Pass, Alabama and East Pass, Florida.

United States Army Corps of Engineers, Mobile District, 1973, Final environmental impact statement, East Pass Channel, Okaloosa County, Florida, maintenance dredging.

United States Army Corps of Engineers, Mobile District, March 1976, Postdisaster report, hurricane Eloise, 16 - 17 September, 1975.

United States Army Corps of Engineers, Mobile District, April 1977, Design report on East Pass, Florida - shore line improvement and dune stabilization.

United States Army Corps of Engineers, Mobile District, 1978, Reconnaissance report, East Pass Channel, Destin, Florida.

United States Army Corps of Engineers, Mobile District, February 1981, Hurricane Frederic postdisaster report, 30 August - 30 September, 1979.

United States Army Corps of Engineers, Mobile District, 1990, Tri-state hurricane property loss and contingency planning study, phase II: Executive summary and technical data report.

Walker, Brent F., Jack C. Rosenau, Allen H. Middleton, and Richard F. Johnson, April 1971 (1974 revision), Hurricane effects in the Choctawhatchee Bay area: United States Air Force, Air Force systems Command, Armament Development and Test Center.

Wright, L. D., Choule J. Sonu, and W. V. Kielhorn, 1972, Watermass stratification and bed form characteristics and East Pass, Destin, Florida: Journal of Marine Geology, volume 12, number 1, pages 43 - 58.

Wright, L. D., and Choule J. Sonu, 1975, Processes of sediment transport and tidal delta development in a stratified tidal inlet: Estuarine Research, volume 2, pages 63 - 76.

WALTON COUNTY

- Balsillie, James H., 1975, Analysis and interpretation of Littoral Environmental Observation (LEO) and profiles along the western panhandle coast of Florida: United States Army Corps of Engineers, Coastal Engineering Research Center, technical memorandum number 49.
- Balsillie, James H., and Ralph R. Clark, March, 1992, The coast of Florida: overview of physiography, geology, and historical shoreline change: Florida Department of Natural Resources, Division of Beaches and Shores.
- Bruno, R. O., January, 1971, Longshore current system, Pensacola City to Pensacola: Florida State University, thesis.
- Chiu, T. Y., November, 1977, Beach and dune response to hurricane Eloise of September 1975: American Society of Civil Engineers, Proceedings of Coastal Sediments '77.
- Chiu, T. Y., May, 1982, Coastal construction control line and reestablishment study for Walton County, Florida: Beaches and Shores Resource Center, Florida State University.
- Coastal and Oceanographic Engineering Laboratory, University of Florida, 1974, Recommended coastal setback line for Walton County, Florida (74/007).
- Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, Orhan, June, 1988, Historical Florida shorelines: an analysis of Walton County, 1872 - 1978: Florida State University.
- Florida Department of Natural Resources, Division of Beaches and Shores, February, 1990, Florida's beach restoration management plan for planning districts I, II, and V.
- Hansen, Mark, and W. Jeff Lillycrop, March, 1988, Evaluation of closure depth and its role in estimating beach fill: Proceedings of the National Beach Preservation Technical Conference, pages 107 - 114.
- Herbert, Paul J., et al, January, 1977, Annual data verification tabulation, Atlantic tropical cyclone data: National Hurricane Center, National Oceanic and Atmospheric Administration, technical memorandum 2.
- Moore, Brett D., August, 1983, An assessment of the impact of construction on recovery of the beach-dune system: Florida Department of Natural Resources.

Schmidt, Walter, 1984, Neogene stratigraphy and geologic history of the Apalachicola embayment, Florida: Florida Department of Natural Resources, Bureau of Geology, bulletin #58.

Stapor, Frank W. Jr., 1975, Shoreline changes between Phillips Inlet and Pensacola Inlet northeast Florida coast: Transaction - Gulf Coast Association of Geological Societies, volume 25, pages 373 - 378.

United States Army Corps of Engineers, Mobile District, March, 1976, Postdisaster report, hurricane Eloise, 16 - 23 September 1975.

Wang, T. H., W. W. Howard, T. H. Chang, and M. Smutz, November, 1978, Littoral sand transport near Panama City Beach, Florida: Coastal and Oceanographic Engineering Laboratory, University of Florida (78/011).

BAY COUNTY

- Balsillie, James H., 1975, Analysis and interpretation of Littoral Environmental Observation (LEO) and profile data along the western panhandle coast of Florida: United States Army Corps of Engineers, Coastal Engineering Research Center, technical memorandum number 49.
- Balsillie, James H., Timothy T. O'Neal, and Willie J. Keel, June, 1986, Long-term shoreline change rates for Bay County, Florida: Beaches and shore special report number 86-1.
- Balsillie, James H., and Ralph R. Clark, March, 1992, The coast of Florida: overview of physiography, geology, historical shoreline change: Florida Department of Natural Resources, Division of Beaches and Shores.
- Bruno, R. O., January, 1971, Longshore current system, Panama City to Pensacola: Florida State University, master's thesis.
- Burdin, Walter W., 1977, Surge effects from hurricane Eloise on Shore and Beach, volume 45, number 2, pages 2 - 8.
- Chiu, T. Y., November, 1977, Beach and dune response to hurricane Eloise of September, 1975: American Society of Civil Engineers, Proceedings of Coastal Sediments '77, pages 113-134.
- Clark, Ralph R., September, 1986, Hurricane Kate, November 13, 1985: Beaches and shores poststorm report 86-1.
- Coastal Engineering Laboratory, University of Florida, December 1958, Model study for the improvement of the jetties of St. Andrews Bay entrance channel (58/011).
- Coastal and Oceanographic Engineering Department, University of Florida, February, 1971, Appraisal report on beach conditions, Panama City Beach, Florida (71/002).
- Coastal and Oceanographic Engineering Department, University of Florida, 1991, Appraisal report on beach conditions and recommended setback line for Panama City Beach, Florida including beach profiles and baseline descriptions (71/003).
- Coastal and Oceanographic Engineering Department, University of Florida, 1973, Recommended coastal setback line for Bay County, Florida (73/003).
- Coastal and Oceanographic Engineering Laboratory, University of Florida, February, 1977, Interim report: assessment of damage from hurricane Eloise and its effects on the beach (77/019).

Cummings, M. V., and Henry Von Oesen, 1973, Analysis and report of beach erosion and restoration, Panama City Beach, Florida: Register and Cummings, Consulting Engineers.

Davis, Jim, Jerry Hilliard, and De Delaney, October, 1975, Hurricane Eloise, September 23, 1975.

Dean, Robert G., 1986, Sediment budget principles and applications: Proceedings of the Twentieth International Conference on Coastal Engineering.

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and H. Orhan, November 30, 1987, Bathymetric changes in coastal Florida: an atlas, Bay County, 1875 - 1985: Florida State University.

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and H. Orhan, November 15, 1987, Historical Florida shorelines: an atlas, Bay County, 1869 - 1977: Florida State University.

Environmental Protection Systems, Inc., September, 1985, Final report, Lake Powell environmental monitoring study.

Florida Department of Natural Resources, Division of Beaches and Shores, February, 1990, Florida's beach restoration management plan for planning districts I, II, and V.

Garcia, Andrew W., and William S. Hegge, July, 1987, Hurricane Elena storm surge data: United States Army Corps of Engineers, Waterways Experiment Station, technical report CERC-87-10.

Garcia, Andrew W., and William S. Hegge, August, 1987, Hurricane Kate storm surge data: United States Army Corps of Engineers, Waterways Experiment Station, technical report CERC-87-12.

Herbert, Paul J., et al, January, 1977, Annual data and verification tabulation, Atlantic tropical cyclones 1975: National Hurricane Center, National Oceanic and Atmospheric Administration, technical memorandum 2.

Hubertz, J. M., and W. A. Brown, January, 1989, Estimated hurricane surge and wave heights for Panama City, Florida: United States Army Corps of Engineers, Coastal Engineering Research Center.

Jones, Christopher P., 1977, An evaluation of sand bypassing systems at tidal inlets in Florida: University of Florida, thesis.

- Lillycrop, W. Jeff, Julie Dean Rosati, and David D. McG July, 1989, A study of sand waves in the Panama Florida, entrance channel: United States Army Corps Engineers, Coastal Engineering Research Center, technical report CERC-89-7.
- Lin, Chung-Po, March, 1988, The stability of small beach in a case study: National Beach Preservation Technical Conference, pages 401 - 407.
- McArthur, David D., 1969, Sand movement in relation to topography (study area: Shell Island): Coastal Studies Institute, Louisiana State University, technical report number 67.
- Mehta, Ashish J., October, 1985, Phillips Inlet channel stability and design considerations: Coastal and Oceanographic Engineering Department, University of Florida.
- Pekor, George B., 1977, Sand bypassing at Mexico Beach, Florida Shore and Beach, volume 45, number 1, page 29.
- Pidgeon, V. W., and N. A. Pidgeon, May, 1977, Severe effects in a coastal environment: Dynex Publishing Company.
- Register and Cummings: Henry Von Oesen and Associates, September, 1973, Analysis and report, beach erosion restoration, Panama City Beach, Florida.
- Reynolds, Kenneth C., June, 1951, Report on tidal entrance United States Army Corps of Engineers, Beach Erosion Board.
- Salsman, G. G., W. H. Tolbert, and R. G. Villars, 1965, ridge migration in St. Andrews Bay, Florida: Journal of Marine Geology, volume 4, pages 11 - 19.
- Salsman, G. G. and A. J. Ciesluk, 1978, Environmental conditions in coastal waters near Panama City, Florida: United States Department of Navy, Naval Coastal Systems Center.
- Schmidt, Walter, and Murlene Wiggs Clark, 1980, Geology of Duval County, Florida: Florida Department of Natural Resources, Bureau of Geology, bulletin 57.
- Schmidt, Walter, 1984, Neogene stratigraphy and geologic history of the Apalachicola embayment, Florida: Florida Department of Natural Resources, Bureau of Geology, bulletin number 67.
- Stapor, Frank W., Jr., 1973, History and sand budgets of a barrier island system in the Panama City, Florida region: Journal of Marine Geology, Volume 14, pages 277 - 286.

United States Army Corps of Engineers, Mobile District, 1975, Draft environmental statement, Panama City Harbor and Grand Lagoon (maintenance dredging), Bay County, Florida.

United States Army Corps of Engineers, Mobile District, 1976, Postdisaster report; hurricane Eloise, 16 - 23 September 1975.

United States Army Corps of Engineers, Mobile District, March, 1976, Interim feasibility report for Panama City beaches, Florida (with appendices).

United States Army Corps of Engineers, Mobile District, March, 1976, Revised draft environmental statement, beach erosion control and hurricane protection, Panama City beaches, Florida.

United States Army Corps of Engineers, Mobile District, February, 1979, Final environmental statement beach erosion control and hurricane protection, Panama City beaches, Florida.

United States Army Corps of Engineers, Mobile District, September, 1989, Panama City Beaches, Florida, reevaluation report.

United States Army Corps of Engineers, Mobile District, October, 1990, Panama City beaches, Florida, project management plan.

Walton, Todd L., Jr., and William Sensabaugh, June, 1979, Seawall design on the open coast: Florida sea grant report number 29.

Wang, Yu Hwa, W. W. Howard, T. H. Chang, and Morton Smutz, November, 1978, Littoral sand transport near Panama City Beach, Florida: Coastal and Oceanographic Engineering Laboratory, University of Florida (78/011).

Wang, Yu Hwa, 1979, A field study on the interaction of groin and sediment transport: American Society of Civil Engineers, Proceedings of Coastal Structures '79, volume 2, pages 868 - 903.

GULF COUNTY

Balsillie, James H., October, 1985, Poststorm report: hurricane Elena of 29 August to 2 September 1985: Beaches and shores poststorm report number 85-2.

Balsillie, James H., October, 1985, Long-term shoreline changes and rates for Gulf County, Florida - a first appraisal: Beaches and shores special report number 85-3.

Balsillie, James H., and Ralph R. Clark, March, 1992, The coast of Florida: overview of physiography, geology, and historical shoreline change: Florida Department of Natural Resources, Division of Beaches and Shores.

Case, Robert A., and Harold P. Gerrish, 1986, North Atlantic tropical cyclones, 1985: National Hurricane Center, National Oceanic and Atmospheric Administration.

Chiu, T. Y., July, 1985, Coastal construction control line study and study for Gulf County, Florida: Beaches and Shores Resources Center, Florida State University.

Clark, Ralph R., March, 1986, The impact of hurricane Elena and tropical storm Juan on coastal construction in Florida: Beaches and shores poststorm report number 85-3.

Clark, Ralph R., September, 1986, Hurricane Kate, November 23, 1985: Beaches and shores poststorm report number 85-4.

Coastal and Oceanographic Engineering Department, University of Florida, 1973, Recommended coastal setback line for Gulf County, Florida (73/005).

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and Orhan, April 15, 1988, Bathymetric changes in coastal waters of Florida: an atlas, Gulf County, 1874-1982: Florida State University.

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and Orhan, April 30, 1988, Historical Florida shorelines: an atlas, Gulf County, 1857-1979: Florida State University.

Entsminger, L. D., January, 1977, A study of selected beach erosion on St. Joseph Spit, Florida: Proceedings of the Fourth Symposium on Coastal Sedimentology, pages 229 - 243.

Entsminger, L. D., January, 1977, Migration of beach pads on St. Joseph Peninsula: Proceedings of the Fourth Symposium on Coastal Sedimentology, pages 263 - 284.

Florida Department of Community Affairs, June, 1986, Postdisaster hazard mitigation plan for Florida.

Florida Department of Natural Resources, Division of Beaches and Shores, February, 1990, Florida's beach restoration management plan for planning districts I, II, and V.

Foster, Emmett R., February, 1991, Coastal processes near Cape San Blas, Florida: a case study using historic data and numerical modeling: Proceedings of the Fourth Annual National Conference on Beach Preservation Technology.

Garcia, A. W. and William S. Hegge, July, 1987, Hurricane Elena storm surge data: United States Army Corps of Engineers, Waterways Experiment Station, technical report CERC-87-10.

Garcia, A. W. and William S. Hegge, August, 1987, Hurricane Kate storm surge data: United States Army Corps of Engineers, Waterways Experiment Station, technical report CERC-87-12.

Herbert, Paul J., et al, January, 1977, Annual data and verification tabulation, Atlantic tropical cyclones, 1975: National Hurricane Center, National Oceanic and Atmospheric Administration, technical memorandum 2.

Lader, G. R., 1974, A sedimentological investigation of coastal cells, from Cape San Blas to Indian Pass, Florida: Florida State University, masters thesis.

May, James P., 1973, Sedimentary and geomorphic response to systematic variation of wave energy in the nearshore zone: Department of Geology, Florida State University, doctoral thesis.

Murali, R. S., 1973, Wave power gradient: an approach to holocene depositional history: Transactions of the Gulf Coast Association of Geological Societies, volume 23, pages 364-367.

Orhan, Hukmu, March, 1989, Coastal changes on St. Joseph Peninsula, Florida, 1868 - 1983: Proceedings of the Eighth Symposium on Coastal Sedimentology, pages 47 - 65.

Orhan, Hukmu, 1992, Recent history of the St. Joseph Peninsula beaches, Florida: Ocean and Coastal Management, Volume 17, pages 137 - 150.

Rizk, Felix F., March, 1989, Granulometric "time" trends on St. Joseph Peninsula, Florida: Proceedings of the Eighth Symposium on Coastal Sedimentology, pages 267 - 279.

Rupert, Frank R., 1991, Geology of Gulf County, Florida: Florida Geological Survey, bulletin number 63.

Schmidt, Walter, 1984, Neogene stratigraphy and geologic history of the Apalachicola embayment, Florida: Florida Department of Natural Resources, Bureau of Geology, bulletin number 58.

Coastal and Oceanographic Engineering Laboratory, University of Florida, May, 1970, Coastal engineering investigation of George Island channel (70/007).

Coastal and Oceanographic Engineering Department, University of Florida, 1973, Recommended coastal setback line for George Island, Franklin County, Florida (73/004).

Coastal Resources Interagency Management Committee, March, 1971, Hurricane postdisaster case studies for Franklin County, Cedar Key, and Indian Rocks Beach.

Coleman, Craig J., January, 1977, Origin of a stranded hurricane Eloise, Florida: Proceedings of the First Symposium on Coastal Sedimentology, Department of Geology, Florida State University, pages 221 - 228.

Curl, Herbert, 1957, Changes in bottom topography off Alligator Harbor since 1889: The Quarterly Journal of the Florida Academy of Sciences, volume 20, pages 205 - 208.

DeAngelis, Richard M., and William T. Hodge, August, 1972, Preliminary climatic data report, hurricane Agnes, June 23, 1972: United States Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Service, technical memorandum EDS NCC-1.

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and Orhan, November 30, 1987, Bathymetric changes in coastal Florida: an atlas, Franklin County, 1858 - 1943: Florida State University.

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and Orhan, November 15, 1987, Historical Florida shorelines: an atlas, Franklin County, 1856 - 1979: Florida State University.

Donoghue, Joe, March, 1989, Modern and ancient valleys of the Apalachicola River and estuary, northwest Florida: Proceedings of the Eighth Symposium Coastal Sedimentology, pages 231 - 241.

Ellis, May L., August 19, 1873, North Florida and the great storm of 1873: Tallahassee Weekly Floridian, pages 485 - 496.

Emmerling, M. D., 1975, The recent beach sands of Dog Island, Florida: Florida State University, masters thesis.

Florida Department of Community Affairs, June, 1986, Postdisaster hazard mitigation plan for Florida.

Florida Department of Natural Resources, Division of Beaches and Shores, February, 1990, Florida's beach restoration management plan for planning districts I, II, and V.

Garcia, A. W. and William S. Hegge, July, 1987, Hurricane Elena storm surge data: United States Army Corps of Engineers, Waterways Experiment Station, technical report CERC-87-10.

Garcia, A. W. and William S. Hegge, August, 1987, Hurricane Kate storm surge data: United States Army Corps of Engineers, Waterways Experiment Station, technical report CERC-87-12.

Gorsline, Donn S., 1963, Oceanography of Apalachicola Bay: Oceanographic Institute, Florida State University, contribution number 196.

Hulings, Neil, and F. C. W. Olson, 1955, Subsurface beach sand of Alligator Harbor: The Quarterly Journal of the Florida Academy of Sciences, volume 18, number 4, pages 227 - 232.

Isphording, Wayne C., John A. Stringfellow, and George C. Flowers, 1985, Sedimentary and geochemical systems in transitional marine sediments in the northeastern Gulf of Mexico: Gulf Coast Association of Geological Societies Transactions, volume 35, pages 397 - 408.

Keen, Timothy R., March, 1989, An evaluation of changes morphodynamic state on low wave energy beaches during the passage of severe storms: Proceedings of the Eighth Symposium on Coastal Sedimentology, pages 215 - 230.

Kofoed, John W., and Donn S. Gorsline, May, 1963, Sedimentary environments in Apalachicola Bay and vicinity, Florida: Journal of Sedimentary Petrology, volume 33, number 1, pages 205 - 233.

Mehta, A. J. and T. A. Zeh, 1980, Influence of a small inlet in a large bay: Coastal Engineering, volume 4, pages 157 - 176.

Niedoroda, A. W., and William F. Tanner, 1970, Preliminary study of transverse bars: Journal of Marine Geology, volume 9, pages 41 - 62.

O'Connor, Michael P., and J. William Von, Jr., April, 1967, Sedimentation and coastal features of the Alligator Point area and the area between the Fenholloway and Steinhatchee Rivers: Annual Meeting of the Southeastern Section of the Geological Society of American, field trip number 1, guidebook.

Olson, F. C. W., February, 1955, the hydrography of Alligator Harbor, Franklin County, Florida: Oceanographic Institute, Florida State University, contribution number 28.

Otvos, Ervin G., October, 1981, Barrier island formation through nearshore aggradation - stratigraphic and field evidence: Journal of Marine Geology, volume 43, pages 195 - 243.

- Otvos, Ervin G., 1984, Alternate interpretations of island evolution: Apalachicola coast, northwest Florida: Litoralia, volume 1, pages 9 - 21.
- Otvos, Ervin G., 1985, Barrier island genesis - quest alternatives for the Apalachicola coast, northeastern Mexico: Journal of Coastal Research, volume 1, pages 275 - 278.
- Schade, C., 1985, Late Holocene sedimentology of St. Vincent Island, Florida: Florida State University, masters thesis.
- Schmidt, Walter, 1984, Neogene stratigraphy and geologic evolution of the Apalachicola embayment, Florida: Florida Department of Natural Resources, Bureau of Geology, bulletin number 10.
- Schnable, Jon Edwin, 1966, The evolution and development of the northwest Florida coast: Department of Geology, Florida State University, contribution 12.
- Schnable, John Edwin, and H. G. Goodell, 1968, Pleistocene stratigraphy, evolution, and development of the Apalachicola coast, Florida: Geological Society of America, paper 112.
- Spicola, J. J., 1984, Asymmetry of the a-b-c model with respect to the evolution of Dog Island, Florida: Florida State University, masters thesis.
- Stapor, Frank W., Jr., 1971, Sediment budgets on a comparative low-to-moderate energy coast in northwest Florida: Journal of Marine Geology, volume 10, pages M1 - M7.
- Stapor, Frank W., Jr. 1973, Coastal sand budgets and beach ridge plain development, northwest Florida: presented to Florida State University.
- Stapor, Frank W., Jr., June, 1973, Heavy mineral concentration processes and density/shape/size equilibria in the nearshore and coastal dune sands of the Apalachicola, Florida, Journal of Sedimentary Petrology, volume 43, number 2, pages 396 - 407.
- Stapor, Frank W., Jr., and William F. Tanner, January, 1974, Holocene mean sea level data from St. Vincent Island: shape of the late Holocene mean sea level curve. Proceedings of the Fourth Symposium on Sedimentology, Geology Department, Florida State University, pages 35 - 68.
- Tanner, William F., December, 1959, Nearshore studies in sedimentology and morphology along the Florida peninsula coast: Journal of Sedimentary Petrology, volume 29, number 4, pages 564 - 574.

Tanner, William F., October, 1960, Expanding shoals in areas of wave refraction: Science, volume 132, pages 1012 - 1013.

Tanner, William F., March, 1961, Offshore shoals in areas of energy deficit: Journal of Sedimentary Petrology, volume 31, number 1, pages 87 - 95.

Tanner, William F., 1966, Late Cenozoic history and coastal morphology of the Apalachicola River region, western Florida: in Deltas, in their geologic framework, Houston Geological Society.

Tanner, William F., 1975, Historical beach changes, Florida's Big Bend Coast: Transactions - Gulf Coast Association of Geological Societies, volume 25, pages 379 - 381.

Uddin, Ashraf, March, 1989, The importance of selecting proper sample suites: an example for Little St. George Island, Florida: Proceedings of the Eighth Symposium on Coastal Sedimentology, pages 287 - 294.

United States Army Corps of Engineers, Mobile District, 1950, Survey of Apalachicola Bay, Florida, small-craft channel across St. George Island.

United States Army Corps of Engineers, Mobile District, March, 1974, Survey report on Gulf Intracoastal Waterway, Carrabelle to St. Marks River, Florida.

United State Army Corps of Engineers, Mobile District, May, 1979, Coordination report, detailed project study on Alligator Harbor, Florida.

Vause, J. E., December, 1959, Underwater geology and analysis of recent sediments off the northwest Florida coast: Journal of Sedimentary Petrology, volume 29, number 4, pages 555 - 563.

Warnke, Detlef A., V., Goldsmith, P. Grose, and J. J. Holt, April, 1966, Drastic beach changes in a low energy environment caused by hurricane Betsy: Journal of Geophysical Research, volume 71, number 6, pages 2013 - 2016.

Warnke, Detlef A., 1967, Conditions of beach retrogression in a low-energy environment: Zeitschrift fur Geomorphologic, volume 11, number 1, pages 47 - 61.

Wuchang, W., 1985, A sedimentological investigation of the beach ridges along the mainland coast of Gulf and Franklin Counties, Florida: Florida State University, masters thesis.

Zeh, T. A., August, 1980, Sikes Cut, glossary of inlets report number 7: Florida sea grant report number 35.

WAKULLA COUNTY

- Balsillie, James H., and Ralph R. Clark, March, 1992, The coast of Florida: overview of physiography, geology, historical shoreline change: Florida Department of Natural Resources, Division of Beaches and Shores.
- Clark, Ralph R., March, 1986, The impact of hurricane Elena, tropical storm Juan on coastal construction in Florida Beaches and shores poststorm report number 85-3.
- Clark, Ralph R., September, 1986, Hurricane Kate, November 23, 1985: Beaches and shores poststorm report number 86-3.
- Clark, Ralph R., February, 1991, Discussion and recommendations to solve beach erosion conditions at Mashes Sands, Wakulla County, Florida: Florida Department of Natural Resources, Division of Beaches and Shores, Office of Beach Management.
- Coastal Engineering Laboratory, University of Florida, Coastal engineering study at Ochlockonee Bay (59/015).
- Ellis, Mary L., August 19, 1873, North Florida and the storm of 1873: Tallahassee Weekly Floridian, pages 496.
- Florida Department of Community Affairs, June, 1986, Postdisaster hazard mitigation plan for Florida.
- O'Connor, Michael P., and J. William Yon, Jr., April, 1988, Sedimentation and coastal features of the Alligator area and the area between the Fenholloway and Steinhilber Rivers: Annual Meeting of the southeastern Section of the Geological Society of America, field trip number 1988, guidebook.
- Rubert, Frank, and Steve Spencer, 1988, Geology of Wakulla County, Florida: Florida Department of Natural Resources, Bureau of Geology, bulletin number 60.
- Reik, B. A., 1980, Wave parameters and sediment characteristics on a transverse bar: Proceedings of the Fifth Symposium on Coastal Sedimentology, Geological Department, Florida State University, pages 105 - 113.
- Tanner, William F., March, 1961, Offshore shoals in areas of energy deficit: Journal of Sedimentary Petrology, volume 31, number 1, pages 87 - 95.
- United States Army Corps of Engineers, Mobile District, 1974, Survey report on Gulf Intracoastal Waterway from Carrabelle to St. Marks River, Florida.

JEFFERSON, TAYLOR, AND DIXIE COUNTIES

- Balsillie, James H., and Ralph R. Clark, March, 1992, The gulf coast of Florida: overview of physiography, geology, and historical shoreline change: Florida Department of Natural Resources, Division of Beaches and Shores.
- Clark, Ralph R., September, 1986, Hurricane Kate, November 15 - 23, 1986: Beaches and shores poststorm report number 86-1, page 94.
- Ellis, Mary L., August 19, 1873, North Florida and the great storm of 1873: Tallahassee Weekly Floridian, pages 485 - 496.
- Florida Department of Community Affairs, June, 1986, Postdisaster hazard mitigation plan for Florida.
- Graves, R. Shelton, 1980, Study of a "sand dune", Taylor County, Florida: Proceedings of the Fifth Symposium on Coastal Sedimentology, Geology Department, Florida State University, pages 405 - 426.
- O'Connor, Michael P., and J. William Yon, Jr., April, 1967, Sedimentation and coastal features of the Alligator Point area and the area between the Fenholloway and Steinhatchee Rivers: Annual Meeting of the Southeastern Section of the Geological Society of America, field trip number 1, guidebook.
- Price, W. Armstrong, 1953, The low energy coast and its new shoreline types on the Gulf of Mexico: Department of Oceanography, Texas A & M University, contribution number 44.
- Puri, Harbans S., J. William Yond, and Woodson R. Oglesby, 1967, Geology of Dixie and Gilchrist Counties, Florida: Florida Division of Geology, geological bulletin number 49.
- United States Army Corps of Engineers, Jacksonville District, March, 1968, Survey review report on Intracoastal Waterway, St. Marks to Tampa Bay, Florida.
- Walton, F. Dennis, 1970, Sedimentary dynamics under tidal influences, Big Grass Island, Taylor County, Florida: Florida State University, masters thesis.
- Yon, J. William, 1966, Geology of Jefferson County, Florida: Florida Geological Survey, geological bulletin number 48.

CITRUS, HERNANDO AND PASCO COUNTIES

- Balsillie, James H., and Ralph R. Clark, March, 1992, The gulf coast of Florida: overview of physiography, geology, and historical shoreline change: Florida Department of Natural Resources, Division of Beaches and Shores.
- Blake, Norman J., Larry J. Doyle, Albert C. Hind, and Stanley D. Locker, February, 1989, Reconnaissance survey of state waters adjacent to Anclote Key: Center for Nearshore Marine Science, University of South Florida.
- Coastal Engineering Laboratory, University of Florida, 1958 Tentative review of the proposed Floramar fill on the Gulf of Mexico coast west of New Port Richey (58/017).
- Coastal Engineering Laboratory, University of Florida, 1960 Review of plans for a fill project in Pasco County (60/002).
- Coastal Engineering Laboratory, University of Florida, 1960 Coastal engineering study of Emerald Beach project (60/008).
- Coastal and Oceanographic Engineering Department, University of Florida, 1972, Canal erosion study for Anclote River and Crystal River power plants (72/007).
- Davis, Richard A., Jr., Albert C. Hine, III, and David F. Belknap, October, 1985, Geology of the barrier island and marsh-dominated coasts, west-central Florida: Proceedings of the Annual Meeting of the Geological Society of America.
- Davis, Richard A., Jr., and Bernard J. Kuhn, 1985, Origin and development of Anclote Key, west peninsular Florida Journal of Marine Geology, volume 63, pages 153 - 171.
- Davis, Richard A., Jr., and Albert C. Hine, III, July, 1989 Quaternary geology and sedimentology of the barrier island and marshy coast, west-central Florida, U.S.A.: Twenty eighth International Geological Congress, field trip guidebook, T375.
- Hine, Albert C., III, Daniel F. Belknap, Eric B. Osking, Joan G. Hutton, and Mark W. Evans, 1984, Sedimentation control along an open-marine, marsh-dominated coastline: northwest Florida Gulf coast: Society of Economic Paleontology and Mineralogy Midyear Annual Meeting, abstract volume, page 38.
- Hine, Albert C., III, and Daniel F. Belknap, 1986, Recent geological history and modern sedimentary processes of the Pasco, Hernando, and Citrus County coastline: west-central Florida: Florida sea grant publication number 79.

- Hine, Albert C., III, Mark W. Evans, David L. Mearns, and Daniel F. Belknap, March, 1987, Effect of hurricane Elena on Florida's marsh-dominated coast: Pasco, Hernando, and Citrus Counties: Department of Marine Science, University of South Florida, Florida sea grant technical paper number 49.
- Hine, Albert C., III, Daniel F. Belknap, Joan G. Hutton, Eric B. Osking, and Mark W. Evans, July, 1988, Recent geological history and modern sedimentary processes along an incipient, low-energy, epicontinental-sea coastline: northwest Florida: Journal of Sedimentary Petrology, volume 58, number 4, pages 567 - 579.
- Hutton, Joan G., Albert C. Hine, III, Mark W. Evans, and Eric B. Osking, October, 1984, Influence of a karstified limestone surface on an open-marine marsh-dominated coastline: west-central Florida: Proceedings of the First Multidisciplinary Conference on Sinkholes, pages 35 - 42.
- Hutton, Joan G., 1986, Bedrock control, sedimentation and Holocene evolution of the marsh archipelago coast: west-central Florida: University of South Florida, masters thesis.
- Osking, Eric B., 1985, Sedimentation controls and resulting geomorphology of microtidal, low energy, freshwater-influenced shelf embayments: west-central Florida: University of South Florida, masters thesis.
- Price, W. Armstrong, 1953, The low energy coast and its new shoreline types on the Gulf of Mexico: Department of Oceanography, Texas A & M University, contribution number 44.
- Swindler, James P., 1973, Sedimentology of the low energy coastal region between the Crystal and Withlacoochee Rivers, Florida west coast: University of Florida, masters thesis.
- United States Army Corps of Engineers, Jacksonville District, March, 1968, Survey review report on Intracoastal Waterway, St. Marks to Tampa Bay, Florida.
- Vernon, R. O., 1951, Geology of Citrus and Levy Counties, Florida: Florida Geological Survey, bulletin number 33.

Coastal Research Laboratory, Department of Geology, University of South Florida, February, 1991, Honeymoon Island study phase two monitoring.

Coastal Research Laboratory, Department of Geology, University of South Florida, and Coastal and Oceanographic Engineering Department, University of Florida, August, 1990, Beach monitoring projects, Sand Key phase II beach nourishment program (North Redington Beach and Redington Shores) and quarter monitoring.

Coastal Research Laboratory, Department of Geology, University of South Florida, October, 1990, Beach monitoring project, Sand Key phase II beach nourishment program (Indian Rocks Beach and Indian Shores) pre-nourishment.

Coastal Research Laboratory, Department of Geology, University of South Florida, January, 1991, Beach monitoring project, Sand Key phase II beach nourishment program (North Redington Beach and Redington Shores) July, 1988 - July, 1990 summary report.

Coastal Research Laboratory, Department of Geology, University of South Florida, June, 1991, Beach monitoring project, Sand Key Phase III, beach nourishment program (Indian Rocks Beach).

Coastal Research Laboratory, Department of Geology, University of South Florida, March, 1991, Beach monitoring project, Sand Key Phase III, beach nourishment program (Indian Rocks Beach), post-nourishment report.

Coastal Resources Interagency Management Committee, March, 1991, Hurricane post-disaster case studies for Franklin County, Cedar Key, and Indian Rocks Beach.

Crowe, D. E., 1984, Stratigraphy and geologic history, Bay County, Key, Pinellas County, Florida: University of South Florida masters thesis.

Cuffe, C. K., 1991, Development and stratigraphy of ebb and flood tidal deltas at Hurricane Pass, Pinellas County, Florida: Department of Geology, University of South Florida, masters thesis.

Dane, Kris A., 1917, Erosion control study, Fred H. Howard Field, Coastal and Oceanographic Engineering Department, University of Florida, class report.

Davis, Richard A., Jr., Albert C. Hine, III, and Daniel Belknap, September, 1982, Coastal zone atlas: north Pinellas County, Florida: Department of Geology, University of South Florida.

Davis, Richard A., Jr., and Bernard J. Kuhn, 1985, Origin and development of Anclote Key, west-peninsular Florida: Journal of Marine Geology, volume 63, pages 153 - 171.

Davis, Richard A., Jr., et al, October, 1985, Geology of the barrier island and marsh-dominated coasts, west-central Florida: Proceedings of the annual meeting of the Geological Society of America.

Davis, Richard A., Jr., Jonathan M. Klay, and Susan S. Bell, May, 1990, Honeymoon Island study, phase one - sand source investigation: Department of Geology, University of South Florida.

Davis, Richard A., Jr., and Margaret Andronaco, May, 1987, Hurricane effects and post-storm recovery, Pinellas County, Florida (1985-1986): American Society of Civil Engineers, Proceedings of Coastal Sediments '87, pages 1023 - 1036.

Davis, Richard A., Jr., and Margaret Andronaci, May, 1987, Impact of hurricanes on Pinellas County, Florida, 1985: Department of Geology, University of South Florida, Florida sea grant, technical paper number 51.

Davis, Richard A., Jr., and H. Edward Clifton, 1987, Sea-level change and the preservation potential of wave-dominated and tide-dominated coastal sequences: the Society of Economic Paleontologists and Mineralogists.

Davis, Richard A., Jr., and Albert C. Hine, III, July, 1989, Quaternary geology and sedimentology of the barrier island and marshy coast, west-central Florida, U.S.A.: Twenty-eighth International Geological Congress, field trip guidebook T375.

Davis, Richard A., Jr., Margaret Andronaco, and James C. Gibeaut, April, 1989, Formation and development of a tidal inlet from a washover fan, west-central Florida coast, U.S.A.: Journal of Sedimentary Geology, volume 65, pages 87 - 94.

Davis, Richard A., R. C. Hogue, Kimberly McKeena, Ronald F. Herrygers, and D. C. Inglin, 1990, Performance of the Redington Beach nourishment project; July, 1988 - July, 1989: Proceedings of the Third Annual National Beach Preservation Technology Conference, pages 69 - 85.

Davis, Richard A., Jr., William T. Fox, and Margaret Andronaco, February, 1991, Assessment and prediction of hurricane damage using wave refraction analysis: an example from hurricane Elena, 1985: Proceedings of the Fourth Annual National Conference on Beach Preservation Technology.

- Davis, Richard A., Ronald F. Herrygers, and R. C. Hogue, :
Effect of shell on beach performance: examples from
west-central coast of Florida: Proceedings of Coastal
'91, American Society of Civil Engineers.
- Dean, Julie L., and Joan Pope, 1987, The Redington S
breakwater project: initial response: American Societ
Civil Engineers, Proceedings of Coastal Sediments '87, p
1369 - 1384.
- Demirpolat, Suleyman, William F. Tanner, and M. Knoblauch, 1
1, 1987, Bathymetric changes in coastal Florida: an at
Pinellas County, 1874 - 1973: Florida State University.
- Demirpolat, Suleyman, William F. Tanner, and M. Knoblauch, 1
1, 1987, Historical Florida shorelines: an atlas, Pine
County, 1873 - 1979: Florida State University.
- Department of Geology, University of South Florida, Febru
1992, Beach monitoring project, Sand Key Phase III, k
nourishment program, Indian Rocks Beach (October, Novem
December, 1991).
- Diaz, Elias Sanchez, 1975, A dye dispersion study at Blind I
Florida: Coastal and Oceanographic Engineering Laborat
University of Florida (UFL/COEL - 75/015).
- Eldred, Marlin H., 1976, A groin system at Madeira Be
Florida: Shore and Beach, volume 44, page 17.
- Engineering and Industrial Experiment Station, University
Florida, 1970, Coastal engineering study of Clearwater
and Sand Key.
- Evans, Mark W., et al, 1985, Bedrock controls on barrier is
development: west-central Florida coast: Journal of Ma
Geology, volume 63, pages 263 - 283.
- Evans, Mark W., Ricard A. David, Jr., Albert C. Hine, III, an
F. Belknap, 1982, Barrier island development from lago
stratigraphy and sedimentation, Pinellas County, Flor
NE/SE Geological Society of America, abstracts with prog
1982.
- Florida Department of Community Affairs, June, 1986, Postdisa
hazard mitigation plan for Florida.
- Garcia, A. W. and William S. Hegge, July, 1987, Hurricane F
storm surge data: United States Army Corps of Engine
Waterways Experiment Station, technical report CERC-87-1
- Gee and Jenson, Consulting Engineers, Inc., 1957, Enginee
reports on the Honeymoon-Caladesi Island project.

Gee and Jenson, Consulting Engineers, Inc., March, 1971, Beach erosion control study, Long Key, Pinellas County, Florida, City of St. Petersburg Beach.

George F. Young., Inc., January, 1988, Pinellas County beach restoration management plan: Florida's beach restoration management plan for beach management planning districts III, IV, and VI, Florida Department of Natural Resources.

Gibeaut, James C., 1991, Morphodynamic classification, evolution, and modeling of unstructured inlets in west-central Florida: Department of Marine Science, University of South Florida, dissertation.

Gibeaut, James C., David C. Inglin, Susan S. Bell, and Rita Longnecker, March, 1992, Honeymoon Island study, phase three, sand source investigation of Hurricane Pass ebb-tidal delta.

Gregory, S. S., 1984, Stratigraphy and geologic history of an emerging barrier complex, northern Pinellas County, Florida: University of South Florida, masters thesis.

Herrygers, Ronald F., Jr., 1990, Effect of shell on beach nourishment performance at Redington Beach: University of South Florida, masters thesis.

Hine, Albert C., III, Mark W. Evans, Richard A. Davis, Jr., and Daniel F. Belknap, 1987, Depositional response to seagrass mortality along a low-energy, barrier-island coast: west-central Florida: Journal of Sedimentary Petrology, volume 57, pages 431 - 439.

Inglin, D.C., 1991, Sediment budget for Honeymoon Island, Florida: Department of Marine Science, University of South Florida, masters thesis.

Kriebel, David L., William R. Dally and Robert G. Dean, 1986, Beach American Society of Civil Engineers, profile response following severe erosion events: Coastal and Oceanographic Engineering Department, University of Florida (86/016).

Kriebel, David L., 1987, Beach recovery following hurricane Elena: American Society of Civil Engineers, Proceedings of Coastal Sediments '87, pages 990 - 1005.

Kuhn, B. J., 1983, Geology and Holocene history of Anclote Key, Pinellas County: University of South Florida, masters thesis.

Leadon, Mark E., February, 1988, Clearwater Pass dredging and beach nourishment project: Beaches and shores special report number 88-1.

United States Army Corps of Engineers, Jacksonville Dist
December, 1980, Beach erosion control project review
for Pinellas County, Florida, stage 2 documentation.

United States Army Corps of Engineers, Jacksonville Dist
1981, Dunedin and Hurricane Passes, Pinellas Co
Florida, detailed project report, improvements for
boat navigation.

United States Army Corps of Engineers, Jacksonville Dist
January, 1982, Pinellas County beach erosion co
project, general and detail design memorandum, addendum
with environmental assessment.

United States Army Corps of Engineers, Jacksonville Dist
May, 1984, Beach erosion control project review study
environmental impact statement for Pinellas County, Flo

United States Army Corps of Engineers, Jacksonville Dist
June, 1984, Pinellas County, Florida, beach erosion co
project, Sand Key segment, general design memora
addendum IV and environmental impact statement.

United States Army Corps of Engineers, Jacksonville Dist
July, 1984 (revised December 1984), Beach erosion co
project review study and environmental impact statement
Pinellas County.

United States Army Corps of Engineers, Jacksonville Dist
September, 1985, Pinellas County, Florida beach er
control project, Long Key segment, general d
memorandum, addendum V, Long Key beach nourishment
breakwater.

United States Army Corps of Engineers, Jacksonville Dist
September, 1986, Tampa Bay, Florida, hurricane study.

United States Army Corps of Engineers, Jacksonville Dist
January, 1987, Pinellas County, Florida, beach er
control project, Sand Key segment, feature design memor
reach 1 beach renourishment and Indian Shores breakwater

United States Army Corps of Engineers, Jacksonville Dist
October, 1988, Pinellas County, Florida, beach er
control project, Indian Rocks Beach: Feature D
Memorandum.

Wang, Yu-Hwa, Steve Hughes, and Morton Smutz, 1977, Monit
study of Clearwater Pass, Clearwater, Florida: Coasta
Oceanographic Engineering Laboratory, University of Fl
(77/008).

Wang, Yu-Hwa, Morton Smutz, B. E. Ruth, and H. K. Books, December, 1977, Satellite applications to a coastal inlet study, Clearwater Beach, Florida: Coastal and Oceanographic Engineering Laboratory, University of Florida (77/026).

Wang, Yu-Hwa, 1980, Satellite applications on a coastal inlet stability study: Proceedings of the Seventeenth International Conference on Coastal Engineering, pages 2581 - 2594.

Wayne, Christopher, 1975, Wave climate and potential sediment transport: Cedar Key to Tampa Bay: Florida State University.

Winston, D., S. R. Riggs, M. P. O'Connor, and R. H. Breuninger (The Lolo Group), 1968, Geologic evaluation of Coastal Petroleum Company's offshore lease from the Honeymoon Island area south to Blind Pass, Pinellas County, Florida.

Wright, Alexandra P., 1972, Shoreline and beach changes on Honeymoon Island, Pinellas County, Florida, 1967 - 1971: University of South Florida, masters thesis.

Wright, Alexandra P. and E. O'Donnell, 1973, Shoreline and beach changes on Honeymoon Island, Pinellas County, Florida, 1967 - 1971: Gulf Coast Association of Geological Society Transactions, volume 23, pages 341 - 350.

United States Army Corps of Engineers, Jacksonville Dis
1972, Beach erosion control study on Manatee C
Florida.

United States Army Corps of Engineers, Jacksonville Dis
1975, Final environmental impact statement, Longboat
Manatee County, Florida.

United States Army Corps of Engineers, Jacksonville Dis
1975, Detailed project report on Longboat Pass, Florid

United States Army Corps of Engineers, Jacksonville Dis
1978, Phase I central design memorandum on Manatee
beach erosion control project.

United States Army Corps of Engineers, Jacksonville Dis
July, 1979, Manatee County, beach erosion control pr
general design memorandum.

United States Army Corps of Engineers, Jacksonville Dis
July, 1989 (revised February, 1991), Manatee C
Florida, shore protection project, general design memo
with supplemental environmental impact statement.

United States Department of Commerce, National Oceani
Atmospheric Administration, 1973, Hurricanes aff
Manatee, Sarasota, and Charlotte Counties, Florida.

Walton, Todd L., Jr., 1977, Coastal history notes: Anna
Key: Florida sea grant publication.

Walton, Todd L., Jr., 1977, Coastal history notes: Longboa
Florida sea grant publication.

SARASOTA COUNTY

Ardaman and Associates, 1969, Investigation for source of material for the Lido Beach restoration project of the City of Sarasota.

Balsillie, James H., and Ralph R. Clark, March, 1992, The gulf coast of Florida: overview of physiography, geology, and historical shoreline change: Florida Department of Natural Resources, Division of Beaches and Shores.

Brungardt, Theresa D., February, 1977, A survey of beach use, Lido Key, Sarasota, Florida: New College, Environmental Studies Program.

Case, Robert A., and Harold P. Gerrish, 1986, North Atlantic tropical cyclones, 1985: National Hurricane Center, National Oceanic and Atmospheric Administration.

Chiu, T. Y., June, 1979, A study of the north end of Casey Key and Midnight Pass, Sarasota County, Florida: Coastal and Oceanographic Engineering Department, University of Florida (79/005).

Chiu, T. Y., July, 1988, Coastal construction control line review and reestablishment study for Sarasota County: Beaches and Shores Resource Center, Florida State University.

City of Sarasota, November, 1965, Lido study number 2, a preliminary plan for public beach expansion and public beach expansion and shoreline stabilization.

Clark, Ralph R., June, 1982, Coastal damage associated with subtropical storm Juan on coastal construction in Florida: Beaches and shores poststorm report.

Clark, Ralph R., March, 1986, The impact of hurricane Elena and tropical storm Juan on coastal construction in Florida: Beaches and shores poststorm report.

Coastal Engineering Consultants, Incorporated, February, 1991, Final report, regional inlet management study for Manatee, Sarasota, Charlotte, Lee, and Collier Counties.

Coastal Engineering Laboratory, University of Florida, 1958, Coastal engineering study at Casey Key (58/009).

Coastal Engineering Laboratory, University of Florida, 1958, Preliminary investigations on a coastal engineering study for Sarasota County (58/005).

Coastal Engineering Laboratory, University of Florida, January, 1959, Coastal engineering study at Lido Key (59/002).

Coastal Engineering Laboratory, University of Florida,
1960, Recommendations of dredging areas for the deve
of South Lido Key (60/006).

Coastal Engineering Laboratory, University of Florida,
Coastal engineering study at Sarasota County beach a
north of Siesta Point (61/001).

Coastal Engineering Laboratory, University of Florida,
1961, Brief report on coastal protection at South Lid
(61/002).

Coastal and Oceanographic Engineering Laboratory, Univer
Florida, November, 1975, Recommended coastal const
setback line for Sarasota County, Florida (75/021).

Coastal Engineering Consultants, Inc., January, 1988, S
County beach restoration management plan: Florida
restoration management plan for beach management p
districts III, IV, and VI, Florida Department of
Resources.

Davis, Richard A., Jr., Albert C. Hine, III, and Mich
Bland, May, 1987, Midnight Pass, Florida: inlet st
due to unrelated activities in Little Sarasot
American Society of Civil Engineers, Proceedings of
Sediments '87, pages 2062 - 2077.

Dean, Robert G., and Karen M. Erickson, 1984, Methodol
results: recommended coastal construction contro
along inlet margins in unincorporated areas of S
County: Coastal and Oceanographic Engineering Depa
University of Florida.

Demirpolat, Suleyman, William F. Tanner, and M. Knoblauch
1, 1987, Bathymetric changes in coastal Florida: an
Sarasota County, 1874 - 1973: Florida State Univers

Demirpolat, Suleyman, William F. Tanner, and M. Knoblauch
1, 1987, Historical Florida shorelines: an atlas,
County, 1883 - 1977: Florida State University.

Foster, Emmett, March, 1989, Historical shoreline
Sarasota County: Proceedings of the Eighth
Sedimentology Symposium.

Foster, Emmett R., and Rebecca J. Savage, July, 1989, Hi
shoreline changes in southwest Florida: American Sc
Civil Engineers, Proceedings of Coastal Zone '89, pa
- 4433.

Harvey, Judson, 1982, An assessment of beach erosion and
of management alternatives, Longboat Key, Florida.

- July, 1961, Development area
- Holland, H. Tom, James R. Chambers, and Robbin R. Blackman, March, 1980, Effects of dredging and filling for beach erosion control on fishes in the vicinity of Lido Key, Florida: United States Army Corps of Engineers, Jacksonville District.
- phlegar, Sam, and Jeffrey Anton, February, 1992, Beach nourishment at Longboat Key, Florida: numerical modeling techniques and results: Proceedings of the Fifth Annual National Conference on Beach Preservation Technology.
- July, Beach
- Ross, Bernard E., and Melvin W. Anderson, December, 1972, Hurricanes.
- Ross, Bernard E., Melvin W. Anderson, Paula Jenkins, August, 1976, Hurricane tide heights at Longboat Key: College of Engineering, University of South Florida.
- City of Sarasota, beach planning, Natural
- Smalley, Wellford, & Nalven Consulting Engineers, May, 1970, Shoreline analysis of the City of Sarasota.
- Southwest Florida Regional Planning Council, November, 1982, Southwest Florida hurricane loss study, 1982.
- Stapor, Frank W., Jr., Thomas D. Matthews, and Fonda E. Lindfors-Kearns, 1987, Episodic barrier island growth in southwest Florida: A response to fluctuating Holocene sea level?: Miami Geological Society Memoir 3, pages 149 - 202.
- Stephen, Michael F., November, 1982, Effects of the "No Name" storm along the southwest coast of Florida: Coastal Engineering Consultants, Inc.
- United States Corps of Engineers, Jacksonville District, 1962, Detailed project report on Sarasota Passes, Sarasota, Florida.
- United States Army Corps of Engineers, Jacksonville District, September, 1968, Beach erosion control study, Sarasota County, Florida: interim report on Lido Key.
- United States Army Corps of Engineers, Jacksonville District, March, 1969, General and detail design memorandum, Casey's Pass (Venice Inlet), Florida, rehabilitation of jetties.
- United States Army Corps of Engineers, Jacksonville District, April, 1984, Supplemental appendices for beach erosion control and hurricane protection, Sarasota County, Florida.
- United States Army Corps of Engineers, Jacksonville District, July, 1984, Beach erosion control study for Sarasota County, Florida, with environmental impact statement.

United State Department of Commerce, National Oceanic
Atmospheric Administration, 1973, Hurricanes affe
Manatee, Sarasota, and Charlotte Counties, Florida.

Walton, Todd L., Jr., 1977, Coastal history notes: Lido
Florida sea grant publication.

Walton, Todd L., Jr., 1977, Coastal history notes: Siesta
Florida sea grant publication.

Walton, Todd L., Jr., 1979, Coastal history notes: Ve
Florida: Florida sea grant publication number MAFS-18

_____, 1964, A preliminary compilation of fa
indicating the need for beach restoration on Lido
Sarasota, Florida.

CHARLOTTE COUNTY

Balsillie, James H., and Ralph R. Clark, March, 1992, The gulf coast of Florida: overview of physiography, geology, and historical shoreline change: Florida Department of Natural Resources, Division of Beaches and Shores.

Chiu, T. Y., April, 1984, Coastal construction control line review and reestablishment study for Charlotte County, Florida: Beaches and Shores Resource Center, Florida State University.

Clark, Ralph R., June, 1982, Coastal damage associated with subtropical storm, June 18, 1982: Beaches and shores poststorm report.

Coastal Engineering Consultants, Incorporated, February, 1991, Final report, regional inlet management study for Manatee, Sarasota, Charlotte, Lee and Collier Counties.

Coastal Engineering Consultants, Incorporated, December, 1991, Stump Pass, inlet management plan.

Coastal and Oceanographic Engineering Department, University of Florida, 1972, Manasota Key, Port Charlotte Beach State Park beach erosion (72/012).

Coastal and Oceanographic Engineering Laboratory, University of Florida, June, 1974, Manasota Key, Port Charlotte Beach State Park beach erosion study (74/029).

Coastal and Oceanographic Engineering Laboratory, University of Florida, May, 1975, Recommended coastal setback line for Charlotte County (75/010).

Demirpolat, Suleyman, William F. Tanner, and M. Knoblauch, May 30, 1987, Bathymetric changes in coastal Florida: an atlas, Charlotte County, 1863 - 1961: Florida State University.

Demirpolat, Suleyman, William F. Tanner, and M. Knoblauch, May 30, 1987, Historical Florida shorelines: an atlas, Charlotte County, 1883 - 1979: Florida State University.

Foster, Emmett R., and Rebecca J. Savage, July, 1989, Historical shoreline changes in southwest Florida: American Society of Civil Engineers, Proceedings of Coastal Zone '89, pages 4420 - 4433.

Gee and Jenson, Inc., _____, Report on Bocilla Pass, Charlotte County, Florida.

Gee, H. C. and W. Turner Wallis, October, 1961, Report on Stump Pass, Charlotte County, Florida.

Olsen and Associates, Inc., January, 1988, Charlotte County restoration management plan: Florida's beach restoration management plan for beach management planning district IV and VI, Florida Department of Natural Resources.

Reynolds, William, October, 1976, Botanical, geological, sociological factors affecting the management of the islands adjacent to Stump Pass: New College Environmental Studies Program, University of South Florida.

Southwest Florida Regional Planning Council, November, Southwest Florida hurricane loss study, 1982.

United States Department of Commerce, National Oceanic and Atmospheric Administration, 1973, Hurricanes affecting Manatee, Sarasota, and Charlotte Counties, Florida.

United States Army Corps of Engineers, August, 1980, Feasibility report beach erosion control, Charlotte County beach, Florida.

United States Army Corps of Engineers, Jacksonville District, 1984, Gulf coast passes, intracoastal waterway from Caloosahatchee River to Anclote River, Florida, feasibility report, improvements for small boat navigation.

Walton, Jr., Todd L., 1977, Coastal history notes: Gasparilla Island: Florida sea grant publication.

LEE COUNTY

Applied Technology and Management, Inc., 1987, Comprehensive beach and shore preservation plan.

Applied Technology and Management, Inc., July, 1987, Beach restoration project design Captiva Erosion Prevention District.

Balsillie, James H., and Ralph R. Clark, March, 1992, The gulf coast of Florida: overview of physiography, geology, and historical shoreline change: Florida Department of Natural Resources, Division of Beaches and Shores.

Barnett, Michael R., and Richard W. Stevens, March, 1988, Performance of beach restoration at South Seas Plantation, Florida: Proceedings of the National Beach Preservation Technology Conference, pages 65 - 73.

Baumgardner, Phillip F., 1984, Charlotte Harbor beach nourishment: American Society of Civil Engineers, in Dredging and Dredged Material Disposal, volume 2, pages 1024 - 1029.

Campbell, Thomas J., February, 1992, Captiva Island beach and inlet management program: Proceedings of the Fifth National Conference on Beach Preservation Technology.

Captiva Erosion Prevention Commission, 1971, Beach erosion control report and recommendations for Captiva Island, Florida.

Clark, Ralph R., June, 1982, Coastal damage associated with subtropical storm, June 18, 1982: Beaches and shores poststorm report.

Clark, Ralph R., March, 1986, The impact of hurricane Elena and tropical storm Juan on coastal construction in Florida: Beaches and shores poststorm report number 85-3.

Coastal Engineering and Construction Co., Inc., 1977, Report of investigation of terminal groin construction at Redfish Pass or the Captiva Erosion Prevention District.

Coastal Engineering Consultants, Inc., _____, Segmented offshore breakwaters monitoring report for the Captiva Erosion Prevention District.

Coastal Engineering Consultants, Inc., December, 1990, Blind Pass and Sanibel shoreline erosion, final report for the City of Sanibel.

Coastal Engineering Consultants, Incorporated, February, 1967, Final report, regional inlet management study for Manatee, Sarasota, Charlotte, Lee, and Collier Counties.

Coastal Engineering Laboratory, University of Florida, 1967, Coastal engineering investigation at Captiva Island (58/003).

Coastal Engineering Laboratory, University of Florida, 1968, Report on permeable groins at Captiva Island (61/008).

Coastal and Oceanographic Engineering Laboratory, University of Florida, August, 1967, An erosion study of the south shore of Gasparilla Island (67/003).

Coastal and Oceanographic Engineering Department, University of Florida, 1971, Black Island - Lover's Key shore stability and coast development (71/007).

Coastal and Oceanographic Engineering Laboratory, University of Florida, 1974, Coastal engineering study of Captiva Island (74/025).

Coastal and Oceanographic Engineering Laboratory, University of Florida, May, 1975, Recommended coastal setback line for Lee County, Florida (75/009).

Coastal Planning and Engineering, Inc., October, 1985, Captiva Island beach monitoring study.

Coastal Planning and Engineering, Inc., 1985, Breakwater study at Captiva Island, phase II, preliminary design and analysis.

Coastal Planning and Engineering, Inc., April, 1986, Captiva beach monitoring study report, September, 1985, through March, 1986.

Coastal Planning and Engineering, Inc., September, 1986, Captiva Island beach monitoring study report, March, 1986, through September, 1986 (with seventeen month summaries).

Coastal Planning and Engineering, Inc., 1987, Feasibility study for the Bonita Beach nourishment project.

Coastal Planning and Engineering, Inc., April, 1988, Captiva beach restoration project, shoreline change model study.

Coastal Planning and Engineering, Inc., July, 1989, Lee County, Florida, beach erosion control project, Captiva Island segment, general and detailed design memorandum.

Coastal Planning and Engineering, Inc., June, 1990, Captiva Island beach monitoring study, one-year follow-up (April, 1989 - March, 1990).

1991, Captiva
tee Coastal Planning and Engineering, Inc., June, 1990, Captiva
Island beach nourishment project phase I sand search report.

1958, Captiva
Island Coastal Planning and Engineering, Inc., December, 1990, Captiva
Island beach monitoring study - 17 month follow-up report
(April, 1989 - September, 1990).

1961, Captiva
Island Coastal Planning and Engineering, Inc., December, 1990, Poststorm
survey, tropical storm Marco, Captiva Island and northern
Sanibel Island.

ty of
thern Coastal Planning and Engineering, Inc., April, 1991, Captiva
Island beach nourishment project phase II sand search
report.

ty of
eline Coastal Planning and Engineering, Inc., September, 1991, Blind
Pass inlet management plan: interim report number 1.

ty of
Island Coastal Planning and Engineering, Inc., November, 1991, Blind
Pass inlet management plan: interim report number 2.

ty of
or Lee Dean, Robert G., February, 1991, Independant analysis of
shoreline changes in the vicinity of Blind Pass, Florida.

aptiva Demirpolat, Suleyman, William F. Tanner, and M. Knoblauch, May
30, 1987, Bathymetric changes in coastal Florida: an atlas,
Lee County, 1863 - 1961: Florida State University.

study, Captiva
sis. Demirpolat, Suleyman, William F. Tanner, and M. Knoblauch, May
30, 198, Historical Florida shorelines: an atlas, Lee
County, 1858 - 1979: Florida State University.

Third 1986 Duane Hall & Associates, Inc., March, 1971, Beach erosion study
for Captiva Erosion Prevention District, Captiva Island, Lee
County, Florida.

Fourth 1986 Duane Hall & Associates, Inc., April, 1975, Captiva Island beach
erosion study and plan of improvements, Captiva Island,
Florida.

s). El-Ashry, Mohamed Taha, 1966, Photointerpretation of shoreline
changes in selected areas along Atlantic and Gulf coasts of
the United States: University of Illinois, doctoral
dissertation.

Captiva
County, Foster, Emmett R., February, 1991, Inlet behavior and the effects
on beach erosion in Lee County: Proceedings of the Fourth
Annual National Conference on Beach Preservation Technology.

Island Captiva
report Foster, Emmett R., June, 1992, Continuing study of northern
Sanibel erosion, status report: Florida Department of
Natural Resources.

- Olsen, Eric J., January, 1982, South Seas Plantation b
improvement project: Shore and Beach, volume 50, numbe
pages 6 - 10.
- Olsen Associates, Inc., 1989, Engineering analysis of b
restoration at Bonita Beach, Florida.
- Olsen Associates, Inc., September, 1991, New Pass and Big Hic
Pass inlet management plan, Lee County, Florida.
- Ross, Bernard E., and Melvin W. Anderson, December, 1
Hurricanes.
- Silberman, Louis Z., 1979, A sedimentological study of the
beaches of Sanibel and Captiva Islands, Florida: Flo
State University, masters thesis.
- Southwest Florida Regional Planning Council, November, 1
Southwest Florida hurricane loss study, 1982.
- Stapor, Frank W., Jr., and T. D. Matthews, 1980, C-14 chrono
of Holocene barrier islands, Lee County, Flor
Proceedings of the Fifth Symposium on Coastal Sedimentol
Department of Geology, Florida State University, volume
pages 47 - 67.
- Stapor, Frank, Thomas D. Matthews, and Fonda E. Lindfors-Kea
1987, Episodic barrier island growth in southwest Flor
a response to fluctuating Holocene sea level? M
Geological Society Memoir 3, pages 149 - 202.
- Stauble, Donald K., M. Hansen, and W. Blake, September, 1984
assessment of beach nourishment sediment characterist
Proceedings of the Nineteenth International Conference
Coastal Engineering, pages 1471 - 1487.
- Stephen, Michael F., January, 1982, Coastal management and b
stabilization with offshore headlands: Proceedings of
24th Annual Meeting of the Florida Shore and B
Preservation Association, pages 85 - 105.
- Stephen, Michael F., November, 1982, Effects of the "No N
storm along the southwest coast of Florida: Coa
Engineering Consultants, Inc.
- Stephen, Michael, May, 1984, Review and evaluation of prop
stabilization structure on Captiva Island, Florida: Coa
Engineering Consultants, Inc.
- Suboceanic Consultants, Inc., August, 1978, Big Hickory Pass,
County, Florida, hydrographic study.
- Tackney, David T., 1983, Physical monitoring, Captiva b
restoration project: Tackney and Associates, Inc.

- Tanner, William F., March, 1989, Johnson shoal example of bathymetric change: Proceedings of the Eighth Symposium on Coastal Sedimentology, pages 97 - 106.
- Tetra Tech., 1979, South Seas Plantation beach improvement project.
- United States Army Corps of Engineers, Jacksonville District, July, 1969, Beach erosion control study on Lee County, Florida: series number 60.
- United States Army Corps of Engineers, Jacksonville District, July, 1990 (Revised April, 1991), Lee County, Florida Charlotte Harbor Section 933 study.
- United States Department of Commerce, National Oceanic and Atmospheric Administration, 1973, Hurricanes affecting Lee and Collier Counties, Florida.
- United States Environmental Protection Agency, July, 1987, Draft environmental impact statement, Charlotte Harbor, Florida, ocean dredged material disposal site designation.
- Walton, Todd L., Jr., 1977, Coastal history notes: Captiva Island: Florida sea grant publication.
- Walton, Todd L., Jr., 1977, Coastal history notes: Estero Island: Florida sea grant publication.
- Walton, Todd L., Jr., 1977, Coastal history notes: Gasparilla Island: Florida sea grant publication.
- Walton, Todd L., Jr., 1977, Coastal history notes: Sanibel Island: Florida sea grant publication.
- Winton, Trevor, H., Kelly Brooks, Janet Degner, and Byron Ruth, July, 1981, Hydraulics and geology related to beach restoration in Lee County, Florida: Remote Sensing Applications Laboratory, Department of Civil Engineering, University of Florida.

- Evans, Richard G., 1962, A sedimentological study of Gre Gullivan Bay, Florida: Florida State University, mas thesis.
- Harvey, Judson, and Mark Benedict, February, 1983, The beach Collier County: a model in southwest Florida: Proceed of a symposium on the crisis of our beaches, pages 7 - 1
- Hine, Albert C., III, May, 1986, Assessment of dredging acti at Gordon Pass and adjacent beach replenishment, Nap Florida.
- Hine, Albert C., and Christopher P. Jones, 1986, Assessmen dredging activity at Gordon Pass and adjacent b replenishment, Naples, Florida.
- Holmes, Charles W., 1962, Sediments of the Ten Thousand Isla Florida State University, masters thesis.
- Holmes, Charles W., and Richard G. Evans, 1962, Sedimentolog Gullivan Bay and vicinity, Florida: Sedimentology, vo 2, pages 189 - 206.
- Humiston, Kenneth K., March, 1988, The effects of the growth migration of Big Marco Pass ebb tidal shoals on Marco Is beaches: Proceedings of the National Beach Preserva Technology Conference, pages 375 - 381.
- Hurricane Damage Study Committee, 1961, Florida hurric report, concerning hurricane Donna.
- Miller, R. A., and M. A. Benson, January, 1976, Hyrologic eff of the storms of June 24 - 28, 1974, in Lee and Col Counties; United States Geological Survey, water-resou investigations 57 - 75.
- Moore, Brett D., and Kenneth K. Humiston, February, 1992, Go Pass jetty sand-tightening project: Proceedings of Fifth National Conference on Beach Preservation Technolo
- Price, W. Armstrong, 1953, The low energy coast and its shoreline types on the Gulf of Mexico: Department Oceanography, Texas A & M University, contribution nu 44.
- Research Planning Institute, Inc., 1984, Atlas - the sensiti of coastal environments and wildlife to spilled oil in south Florida region.
- Reynolds, William J., 1982, Beach dynamics and the soci response to beach erosion at Marco Island, Florida: Rut University, doctoral dissertation.

- Reynolds, William J., 1985, Ebb-tidal deltas and barrier island morphology: American Society of Civil Engineers, Proceedings of Coastal Zone '85, pages 1314 - 1323.
- Reynolds, William J., 1987, Coastal structures and long-term shore migration: American Society of Civil Engineers, Proceedings of Coastal Zone '87, pages 414 - 426.
- Reynolds, William J., July, 1989, Island formation, growth and impacts: American Society of Civil Engineers, Proceedings of Coastal Zone '89, pages 3747 - 3759.
- Richey, James M., 1961, The sedimentary environments of the beach, swamps, and shoals of Cape Romano, Florida: Florida State University, masters thesis.
- Ross, Bernard E., and Melvin W. Anderson, December, 1972, Hurricanes.
- Scholl, David W., July, 1964, Recent sedimentary record in mangrove swamps and rise in sea level over the southwestern coast of Florida, pages 1: Journal of Marine Geology, volume 1, number 4, pages 344 - 366.
- Shier, D. E., 1969, Vermetid reefs and coastal development in the Ten Thousand Islands, southwest Florida: Geological Society of American Bulletin, volume 80.
- Southwest Florida Regional Planning Council, November, 1982, Southwest Florida hurricane loss study, 1982.
- Stapor, Frank, Thomas D. Mathews, and Fonda E. Lindfors-Kearns, 1987, Episodic barrier island growth in southwest Florida: a response to fluctuating Holocene sea level? Miami Geological Society Memoir 3, pages 149 - 202.
- Stephen, Michael F., 1981, Effects of seawall construction on beach and inlet morphology and dynamics at Caxambas Pass, Florida: Geology Department, University of South Carolina, dissertation.
- Stephen, Michael F., November, 1981, Effects of seawall construction at Caxambas Pass, Florida: Proceedings of the 25th Annual Meeting of the Florida Shore and Beach Preservation Association, pages 143 - 164.
- Stephen, Michael F., November, 1982, Effects of the "No Name" storm along the southwest coast of Florida: Coastal Engineering Consultants, Inc.
- Stephen, Michael F., and Todd T. Turrell, 1984, Preliminary monitoring results of artificial seaweed installation: Proceedings of the Annual Meeting of the Florida Shore and Beach Preservation Association, pages 59 - 68.

Suboceanic Consultants, Inc., August, 1980, Naples beach study report.

Tackney and Associates, Inc., June, 1991, Doctors Beach hydrographic evaluation, Naples, Florida.

Tanner, William F., R. G. Evans, and C. W. Holmes, September 1963, Low-energy coast near Cape Romano, Florida: Journal of Sedimentary Petrology, volume 33, number 3, pages 711-722.

Taylor, R. B., and T. J. Hull, 1988, Pelican Bay shoreline study, Taylor Engineering, Incorporated.

Thompson, Edward F., 1980, Energy spectra in shallow U.S. coastal waters: United States Army Corps of Engineers, Coastal Engineering Research Center, technical paper number 80-2.

United States Army Corps of Engineers, Jacksonville District, September, 1964, Survey report on hurricane-protective measures for Naples, Florida.

United States Army Corps of Engineers, Jacksonville District, 1972, Beach erosion control study, Collier County, Florida.

United States Army Corps of Engineers, Jacksonville District, 1979, Detailed project report, Wiggins Pass, Collier County, Florida, improvements for small boat navigation.

United States Department of Commerce, National Oceanic and Atmospheric Administration, 1973, Hurricanes affecting Collier and Collier Counties, Florida.

Van de Kreeke, Jr., March, 1990, Stability analysis of a double-inlet bay system: Rosenstiel School of Marine and Atmospheric Science, University of Miami.

Wanless, Harold R., February, 1975, Report on the beaches of Naples, Florida.

Wyser, Frederic J., 1957, Mapping the Ten Thousand Islands, Florida: Florida State University, masters thesis.

Yanez, Miquel A., 1989, Stability of a double-inlet bay system, Marco Island, Florida: Rosenstiel School of Marine and Atmospheric Science, University of Miami, masters thesis.

NASSAU COUNTY

Angas, Robert M., July, 1933, Erosion and accretion on the coasts of north Florida and Georgia: Shore and Beach, pages 46-50.

Balsillie, James H., April, 1985, The Florida east coast Thanksgiving holiday storm of 21-24 November 1984: Beaches and shores poststorm report number 85-1.

Bruun, Per, September, 1964, Review of damage to shores and beaches by hurricane Dora including recommendations by the Coastal Engineering Laboratory: University of Florida (64/008).

Chiu, T. Y., 1982, Coastal construction control line review and reestablishment study for Nassau County, Florida: Beaches and Shores Resource Center, Florida State University.

Coastal Engineering Laboratory, University of Florida, 1958, Coastal Engineering study at Fort Clinch (58/006).

Coastal and Oceanographic Engineering Laboratory, University of Florida, 1975, Recommended coastal setback line for Nassau County, Florida (75/004).

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and H. Orhan, August, 1988, Bathymetric changes in coastal Florida: an atlas, Nassau County, 1855-1974: Florida State University.

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and H. Orhan, July, 1988, Historical Florida shorelines: an atlas, Nassau County, 1857-1980: Florida State University.

Dunn, Gordon E., et al, March, 1965, The hurricane season of 1964: Monthly Weather Review, United States Weather Bureau Office.

Environmental Science and Engineering, 1980, The effects of channel widening on A-1 impact assessments.

Fischer, David W., Gregory W. Stone, and James P. Morgan, 1986, Integrated multidisciplinary information for coastal management, Florida: Journal of Coastal Research, volume 2, number 4, pages 437-447.

Florida Coastal Engineers, January, 1976, Beach erosion control study, Nassau County, Florida.

Gaither, W. S., and J. A. McGill, 1965, Field testing methods and equipment used at Fernandina Beach for the tracing of littoral drift: Coastal Engineering Laboratory, University of Florida (65/003).

- Higgins, Brenda Baer, December, 1965, Petrographic parameters of the beach sands of northeast Florida: Department of Geology, University of Florida, masters thesis.
- Hou, H. S., 1974, A preliminary field study at St. Marys Entrance: Coastal and Oceanographic Engineering Laboratory, University of Florida (74/011).
- McConnell, J.B. et al, 1983, A preliminary appraisal of sediment sources and transport in Kings Bay and vicinity, Georgia: United States Geological Survey, water-resources investigations report 83-4060.
- Meisburger, Edward P., and Michael E. Field, July, 1977, Geomorphology, shallow structure, and sediments of the Florida innercontinental shelf, Cape Canaveral to Georgia: United States Army Corps of Engineers, Coastal Engineering Research Center, technical memorandum number 54.
- Nash, G. J., 1977 Historical changes in the mean high water shoreline and nearshore bathymetry of south Georgia and north Florida: University of Georgia, thesis.
- Naval Facilities Engineering Command, 1977, Final environmental impact statement for preferred alternative location for a fleet ballistic missile submarine support base, Kings Bay, Georgia.
- Naval Facilities Engineering Command, September, 1986, third supplement of the environmental impact statement for preferred alternative location for a fleet ballistic missile submarine support base at Kings Bay, Georgia, St. Marys Entrance channel.
- Nummedal, Dag, George F. Oertel, Dennis K. Hubbard, and Albert Hine, November, 1977, Tidal inlet variability - Hatteras to Cape Canaveral: American Society of Civil Engineers, Proceedings of Coastal Sediments '77, pages 562.
- Olsen Associates, Inc., 1985, Amelia Island shoreline stabilization analysis.
- Olsen Associates, Inc., November, 1990, Feasibility study for comprehensive beach and dune preservation, Amelia Island Plantation, Amelia Island, Florida.
- Olsen, Erik J., November, 1977, A study of the effects of beach stabilization at St. Marys Entrance, Florida: American Society of Civil Engineers, Proceedings of Coastal Sediments '77, pages 311 - 329.

aparchure, T. M., December, 1980, St. Marys Entrance glossary of inlets report number 11: Florida sea grant report number 44.

Thornton, Edward B., 1968, A field investigation of sand transport in the surf zone: Proceedings of the Eleventh Coastal Engineering Conference, volume 1, pages 335 - 351.

Thornton, Edward B., 1968, Quantitative measurements in the surf zone: Coastal and Oceanographic Engineering Department, University of Florida, technical report number 2.

United States Army Corps of Engineers, Savannah District, May, 1946, Fernandina Harbor, Florida: review report.

United States Army Corps of Engineers, Beach Erosion Board, August, 1960, Beach erosion control report on cooperative study of Amelia Island, Florida.

United States Army Corps of Engineers, Savannah District, May, 1960, Hurricane survey interim report, Fernandina Beach, Florida.

United States Army Corps of Engineers, Jacksonville District, February, 1974, Draft environmental impact statement, Fernandina Harbor (maintenance dredging).

United States Army Corps of Engineers, Jacksonville District, April, 1977, Feasibility report for beach erosion control, Nassau County beach, Florida (Amelia Island) with appendices.

United States Army Corps of Engineers, Jacksonville District, September, 1983, Fort Clinch, Nassau County, Florida, Section 103, Detailed Project Report and Environmental Assessment.

United States Army Corps of Engineers, Jacksonville District, April, 1984, Feasibility report with environmental impact statement for beach erosion control, Nassau County, Florida (Amelia Island).

United States Army Corps of Engineers, Jacksonville District, 1984, Section 103, detailed project report and environmental assessment, Ft. Clinch, Nassau County, Florida.

United States Army Corps of Engineers, Coastal Engineering Research Center, July, 1989, Summary and assessment of historic data: St. Marys Entrance and Vicinity, Florida - Georgia (draft technical report).

United States Army Corps of Engineers, Jacksonville District, June, 1991, Nassau County, Florida, Fernandina Harbor, Section 933 Study with Environmental Assessment.

Vemulakonda, Rao S., and Norman W. Scheffner, 1987, Application of CIP modeling system to St. Mary's Inlet, Florida; American Society of Civil Engineers, Proceedings of Coastal Sediments '87, pages 616 - 631.

Vemulakonda, Rao S., Norman W. Scheffner, Jeffrey A. Earickson, and Lucia W. Chou, April, 1988, Kings Bay coastal processes numerical model: United States Army Corps of Engineers, Coastal Engineering Research Center, technical report CERC-88-3.

Watt, D. A., 1905, Notes on the improvement of river and harbor outlets in the United States: American Society of Civil Engineers Transactions, volume 55, pages 289 - 303, transaction paper 1009.

DUVAL COUNTY

Anderson, Warren, and D. A. Goolsby, 1973, Flow and chemical characteristics of the St. Johns River at Jacksonville, Florida: Florida Department of Natural Resources, Bureau of Geology, information circular number 82.

Angas, Robert M., July, 1933, Erosion and accretion on the coasts of north Florida and Georgia: Shore and Beach, pages 46-50.

Angas, Robert M., 1948, Brief concerning coast erosion in the corporate limits of the municipalities of Jacksonville Beach, Neptune Beach, and Atlantic Beach, in Duval County, Florida: United States Army Corps of Engineers, Jacksonville District.

Anonymous, August, 1937, Forces of sea employed to rebuild beaches by WPA engineers: Florida Public Works, volume 14, number 7, pages 121 - 123.

Blackman, B., 1938, Report on jetties: Shore Protection Board, Office of the Chief of Engineers, United States Army Corps of Engineers.

Bruun, Per, September, 1964, Review of damage to shores and beaches by hurricane Dora including recommendations by the coastal engineering laboratory: University of Florida (64/008).

Coastal and Oceanographic Engineering Laboratory, University of Florida, February, 1975, Recommended coastal setback line for Duval County, Florida (75/003).

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and H. Orhan, July, 1988, Bathymetric changes in coastal Florida: an atlas, Duval County, 1853-1974: Florida State University.

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and H. Orhan, July, 1988, Historical Florida shorelines: an atlas, Duval County, 1853-1980: Florida State University.

Dunn, Gordon E., et al, March, 1965, The hurricane season of 1964: Monthly Weather Review, United States Weather Bureau Office.

Ebersole, Bruce A., April, 1982, Atlantic coast water-level climate: United States Army Corps of Engineers, Waterways Experiment Station, Hydraulics Laboratory, WIS report 7.

Higgins, Brenda Baer, December, 1965, Petrographic parameters of the beach sands of northeast Florida: Department of Geology, University of Florida, masters thesis.

- Kojima, Haryuki, 1979, Stability and local scour considerations at a tidal inlet: Coastal and Oceanographic Engineering Department, University of Florida (79/017).
- Kojima, Haryuki, and Ashish J. Mehta, 1979, Investigation of erosion problem at Fort George Inlet: Coastal and Oceanographic Engineering Department, University of Florida (79/002).
- Kojima, Haryuki, and S. D. Hunt, November, 1980, Fort George Inlet glossary of inlets report number 10: Florida grant report number 38.
- MacCotter, H. J., April, 1949, Erosion problems in the vicinity of Jacksonville Beach: Shore and Beach, volume 17, number 1, pages 3 - 6.
- Mehta, Ashish J., and James N. Marino, 1987, Coastal engineering investigation of erosion in the vicinity of Fort George Inlet: Coastal and Oceanographic Engineering Department, University of Florida (87/006).
- Meisburger, Edward P., and Michael E. Field, July, 1979, Geomorphology, shallow structure, and sediments of the Florida innercontinental shelf, Cape Canaveral to Georgia: United States Army Corps of Engineers, Coastal Engineering Research Center, technical memorandum number 54.
- Murden, William R., 1978, The development of new dredging procedures: United States Army Chief of Engineers.
- Nickerson, J. W., 1966, Anomalies of sea surface temperatures and currents in the Jacksonville, Florida fleet operating area: United States Navy Weather Research Facility, technical paper number 12 - 66.
- O'Brien, Morrough P., 1971, Memorandum regarding James B. Eads contribution to the design of tidal inlets: Hydraulic Engineering Laboratory, University of California (HEL 24-100).
- Penland, Shea, March, 1979, Influence of a jetty system on tidal inlet stability and morphology: Fort George Inlet, Florida: American Society of Civil Engineers, Proceedings of Coastal Structures '79, volume 2, pages 665-689.
- Rawls, Oscar G., 1972, A case history of shoreline effects from jetties and channel improvements at the mouth of St. John River: Shore and Beach, volume 40, number 2, pages 33 - 40.
- Ripley, Henry C., December, 1912, How to build a stone jetty on sand bottom in the open sea: American Society of Civil Engineers Transactions, volume 75, pages 1041 - 1078.

sanchez-Diaz, Elias, 1974, Tidal propagation in St. Johns River: Coastal and Oceanographic Engineering Laboratory, University of Florida (74/009).

stone, Gregory W., and James P. Morgan, September, 1983, On the concept of storm wave susceptibility and its application to four Florida coastal areas: Proceedings of the Florida Shore and Beach Preservation Association, 1983 joint annual meeting, pages 19 - 36.

United States Army Corps of Engineers, Committee on Tidal Hydraulics, 1971, Jacksonville Harbor, Florida: technical bulletin 17.

United States Army Corps of Engineers, Jacksonville District, 1950, St. Johns River, Florida, Jacksonville to the ocean.

United States Army Corps of Engineers, Jacksonville District, 1964, Beach erosion control study on Duval County, Florida.

United States Army Corps of Engineers, Jacksonville District, 1968, Jacksonville Harbor, Florida, rehabilitation of jetties.

United States Army Corps of Engineers, Jacksonville District, 1974, Final environmental impact statement, beach erosion control project, Duval County, Florida.

United States Army Corps of Engineers, Jacksonville District, August, 1975, Duval County beaches, general design memorandum.

United States Army Corps of Engineers, Jacksonville District, January, 1984, Duval County beaches, Florida, general design memorandum addendum 1.

United States Army Corps of Engineers, Jacksonville District, October, 1990, Duval County, Florida, from St. Johns River to the Duval - St. Johns County line, shore protection project: Section 934 study reevaluation report with environmental assessment.

United States Board of Engineers for Rivers and Harbors, 1978, The port of Jacksonville, Florida: port series 15.

Waddell, Evans, 1980, Wave forcing of beach groundwater [Little Talbot Island]: Proceedings of the Seventeenth International Conference on Coastal Engineering, volume 2, pages 1436 - 1452.

Watt, D. A., 1905, Notes on the improvement of river and harbor outlets in the United States: American Society of Civil Engineers Transactions, volume 55, pages 289 - 303, transaction paper 1009.

Youngberg, G. A., 1938, Improvement of the St. Johns River
harbor: Shore and Beach, volume 6, number 3, page 96.

and

ST. JOHNS COUNTY

Angas, Robert M., July, 1933, Erosion and accretion on the coasts of north Florida and Georgia: Shore and Beach, pages 46-50.

Auerbach, Michael H., G. W. Borden, M. Lozanov, and Billy L. Edge, March, 1988, Dune stabilization with a sand/gel composite system: Proceedings of the National Beach Preservation Technology Conference, pages 337 - 344.

Auerbach, Michael H., G. W. Borden, and Billy L. Edge, June, 1988, Dune stabilization with a sand/gel composite system: Proceedings of the Twenty-first International Conference on Coastal Engineering, pages 1588 - 1602.

Baker, R. M., Spencer M. Rogers, and Thomas G. Tomasello, 1974, Response of coastline to construction of new St. Augustine Inlet; 1969 - present formation of Conch Island.

Balsillie, James H., April, 1985, Florida east coast Thanksgiving holiday storm of 21-24 November 1984: Beaches and shores poststorm report number 85-1.

Barnett, Michael R., Spencer M. Rogers, Jr., and Joseph G. Halusky, July, 1989, Utilization of Christmas trees in dune restoration: American Society of Civil Engineers, Proceedings of Coastal Zone '89, pages 1051 - 1063.

Beechley, Bruce, June, 1972, Parametric study of beach sand along the northeast Florida coast: Coastal and Oceanographic Engineering Department, University of Florida, class report.

Bruun, Per, September, 1964, Review of damage to shores and beaches by hurricane Dora including recommendations by the Coastal Engineering Laboratory: University of Florida (64/008).

Burnson, T. Quentin, 1972, Sedimentological study of Matanzas Inlet, Florida, and adjacent areas: University of Florida, masters thesis.

Chiu, T. Y., May, 1987, Coastal construction control line review and reestablishment study for St. Johns County: Beaches and Shores Resource Center, Florida State University.

Coastal and Oceanographic Engineering Laboratory, University of Florida, July, 1973, Recommended coastal setback line for St. Johns County, Florida (73/002).

Davis, Richard A., Jr., and William T. Fox, May, 1980, A dynamic process model for the beach-inlet transition zone: Department of Geology, University of South Florida.

- Davis, Richard A., Jr., and William T. Fox, March, 1988, Interaction between wave and tide-generated processes at the mouth of a microtidal estuary, Matanzas River, Florida: Journal of Marine Geology, volume 40, number 1/2, pages 61-68.
- Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and Orhan, June, 1988, Bathymetric changes in coastal Florida: an atlas, St. Johns County, 1860-1974: Florida State University.
- Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and Orhan, June, 1988, Historical Florida shorelines: an atlas, St. Johns County, 1858-1979: Florida State University.
- Dunn, Gordon E., et al, March, 1965, The hurricane season of 1964: Monthly Weather Review, United States Weather Bureau Office.
- Fields, M. Leslie, James N. Marino, and Lee. L. Weishar, March, 1988, Effects of Florida tidal inlets on adjacent shorelines: Proceedings of the National Beach Preservation Technology Conference, pages 383 - 393.
- Florida Coastal Engineers, 1973, Technical review of the proposed setback line for northern St. Johns County.
- Florida Coastal Engineers, April, 1974, Northern St. Johns County coastal management plan.
- Florida Coastal Engineers, February, 1976, St. Johns County beach erosion study.
- Florida Department of Natural Resources, Bureau of Beaches and Shores, 1973, Historical coastal erosion study for St. Johns County, Florida.
- Freeman, John C., January, 1988, Waves offshore and wave runup in Anastasia State Park on January 5, 1987: a special report prepared for Pfizer, Inc.
- Gallivan, Lyle B., 1979, Sediment transport in a mesotidal inlet, Matanzas Inlet, Florida: University of South Florida thesis.
- Gallivan, Lyle B., and Richard A. Davis, Jr., March, 1988, Sediment transport in a microtidal estuary, Matanzas River, Florida: Journal of Marine Geology, volume 40, number 1/2, pages 69-83.
- Hayter, Earl J., 1979, Verification of the hydrodynamic regime in a tidal waterway network [Matanzas River and Inlet], Coastal and Oceanographic Engineering Laboratory, University of Florida (79/001).

- 981,
the
ida:
49-
- Hayter, Earl J., and Ashish J. Mehta, March, 1979, Verification of changes in flow regime due to dike breakthrough closure: American Society of Civil Engineers, Proceedings of the Specialty Conference on Coastal Structures '79, pages 729-746.
- d H.
ida:
tate
- Higgins, Brenda Baer, December, 1965, Petrographic parameters of the beach sands of northeast Florida: Department of Geology, University of Florida, masters thesis.
- d H.
las,
- Kendrick, Peter, July, 1933, Shore erosion from recurrent storms near St. Augustine: Shore and Beach, pages 43 - 45.
- n of
reau
- Krishnamurthy, Muthusamy, and G. Coleman, 1972, Computations of the hydraulic characteristics of Matanzas Inlet: Coastal and Oceanographic Engineering Department, University of Florida, class report (CR-72/3).
- rch,
cent
tion
- Lee, D. J., 1980, Bedforms and sediment distribution at Matanzas Inlet, Florida: University of South Florida, masters thesis.
- osed
- Marino, James N., 1986, Inlet ebb shoal volumes related to coastal physical parameters: Coastal and Oceanographic Engineering Department, University of Florida (86/017).
- untly
- Marino, James N., and Ashish J. Mehta, 1987, Inlet ebb shoals related to coastal paramaters: American Society of Civil Engineers, Proceeding of Coastal Sediments '87, pages 1608-1623.
- each
- Mehta, Ashish J., and Christopher P. Jones, May, 1977, Matanzas Inlet glossary of inlets report number 5: Florida sea grant report number 21.
- and
ohns
- Mehta, Ashish J. and D. M. Sheppard, November, 1977, Monitoring (performance) study at Matanzas closure: Coastal and Oceanographic Engineering Laboratory, University of Florida (77/024).
- n-up
cial
- Mehta, Ashish J. and D. M. Sheppard, October, 1979, Performance study at Matanzas closure: Coastal and Oceanographic Engineering Department, University of Florida (79/007).
- let,
ida,
- Meisburger, Edward P., and Michael E. Field, July, 1975, Geomorphology, shallow structure, and sediments of the Florida innercontinental shelf, Cape Canaveral to Georgia: United States Army Corps of Engineers, Coastal Engineering Research Center, technical memorandum number 54.
- 981,
ver,
1/2,
- e of
et]:
sity

VOLUSIA COUNTY

- Allen, J. R., 1987, Downdrift impacts of revetment construct Canaveral National Seashore, Florida: American Society Civil Engineers, Proceedings of Coastal Sediments '87.
- Allen, James R., 1990, Final report: beach dynamics and retreat at the north end of Canaveral National Seashore, United States Department of the Interior, National Park Service.
- Allen, James R., B. O., Bauer, N. P. Psuty, and R. W. G. Carter, June, 1991, Process variation across a barred beach nearshore: Proceedings of Coastal Sediments '91.
- Balsillie, James H., April, 1985, The Florida east coast Thanksgiving holiday storm of 21-24 November 1984: Beach and shores poststorm report number 85-1.
- Baskette, Curtis W., 1973, A wave refraction analysis at Ponce de Leon Inlet, Florida: Coastal and Oceanographic Engineering Department, University of Florida (MP-73/02).
- Bruun, Per, September, 1964, Review of damage to shores and beaches by hurricane Dora including recommendations by Coastal Engineering Laboratory: University of Florida (64/008).
- Chiu, T. Y., 1989, Coastal construction control line review and reestablishment study for Volusia County: Beaches and Shores Resource Center, Florida State University.
- Clark, Ralph R., August, 1973, Hydraulic characteristics of Ponce de Leon Inlet: Coastal and Oceanographic Engineering Department, University of Florida (MP-73/1).
- Coastal and Oceanographic Engineering Department, University of Florida, December, 1972, Recommended coastal setback for Volusia County, Florida (72/003).
- Coastal and Oceanographic Engineering Department, University of Florida, 1973, Report on the performance of the Ponce de Leon Inlet, Florida, improvement system (73/020).
- Dean, Robert G., October, 1985, Beach nourishment versus revetting, a comparative analysis, Bethune Beach, Florida, with discussions of possible mitigation: Florida Department of Natural Resources.
- Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and Orhan, June, 1988, Historical Florida shorelines: an atlas of Volusia County, 1873-1979: Florida State University.

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, and H. Orhan, July, 1988, Bathymetric changes in coastal Florida: an atlas, Volusia County, 1924-1974: Florida State University.

Dolan, R., 1982, Shoreline change and overwash penetration data for Cape Canaveral: Report to National Park Service, Canaveral National Seashore.

Finneren, W. W., 1938, Study of beach conditions at Daytona Beach, Florida, and vicinity: University of Florida Engineering Experiment Station bulletin 4 (38/001).

Grace, Russell, February, 1989, Erosion of a ridge dominated coastline: Bethune Beach, Florida: Proceedings of the Second Annual National Beach Preservation Technology Conference.

Hemsley, J. Michael, and Michael J. Briggs, May, 1988, Tidal elevation and currents at Ponce de Leon Inlet, Florida: United States Army Corps of Engineers, Coastal Engineering Research Center, miscellaneous paper CERC-88-8.

Hine, Albert C., October, 1988, Evaluation of the Volusia County coastline: dominant processes, shoreline change, stabilization efforts, and recommendations for beach management: Department of Marine Science, University of South Florida.

Jones, Christopher P., 1977, An evaluation of sand bypassing systems at tidal inlets in Florida: Coastal and Oceanographic Engineering Laboratory, University of Florida, masters thesis.

Jones, Christopher P., and Ashish J. Mehta, February, 1978, Ponce de Leon Inlet glossary of inlets report number 6: Florida sea grant report number 23.

Kofoed, J. W., 1963, Coastal development in Volusia and Brevard Counties, Florida: Bulletin of Marine Science of the Gulf and Caribbean, volume 13, number 1, pages 1-10.

Mehta, Ashish J., and H. K. Brooks, October, 1973, Mosquito Lagoon barrier beach study: Shore and Beach, volume 41, pages 27-34.

Meisburger, Edward P., and Michael E. Field, July, 1975, Geomorphology, shallow structure, and sediments of the Florida innercontinental shelf, Cape Canaveral to Georgia: United States Army Corps of Engineers, Coastal Engineering Research Center, technical memorandum number 54.

- Money Penny, C. H., 1936, A study of the Daytona Beach preservation project: Shore and Beach, volume 4, number 1, page 48.
- Nixon, Terry, 1979, Volusia County hurricanes, their history and behavior: Volusia County Civil Defense publication.
- Olsen, Erik J., 1971, Jetty-weir design for Ponce de Leon Inlet: Coastal and Oceanographic Engineering Laboratory, University of Florida (CR-71/2).
- Parker, N.E., October, 1979, Weir jetties - their continuing evolution: Shore and Beach, pages 15 - 19.
- Partheniades, Emmanuel, and James A. Purpura, 1972, Coastal changes near a tidal inlet: Proceedings of the Thirteenth International Coastal Engineering Conference, volume 2, pages 843 - 863.
- Purpura, James A., B. C. Beechley, Curt W. Baskette, Jr., and John C. Roberge, January, 1974, Performance of a jetty-weir inlet improvement plan: Proceedings of the Fourteenth International Conference on Coastal Engineering, pages 1490 - 1490.
- Purpura, James A., and T. Y. Chiu, July, 1977, Second report on the performance of the Ponce de Leon Inlet improvement system: Coastal and Oceanographic Engineering Laboratory, University of Florida (77/004).
- Purpura, James A., November, 1977, Performance of a jetty-weir improvement plan: American Society of Civil Engineers, Proceedings of Coastal Sediments '77, pages 330-349.
- Richards, Sharron, July, 1989, Resource management in northern Florida: American Society of Civil Engineers, Proceedings of Coastal Zone '89, pages, 1064 - 1074.
- Scott, Harold A., April, 1969, Ponce de Leon Inlet stabilization project: Shore and Beach, volume 37, number 1, pages 4-9.
- Stapor, Frank W., Jr., and James P. May, 1983, The cellular nature of littoral drift along the northeast Florida coast: Journal of Marine Geology, volume 5, pages 217-237.
- Strickland, Alice, January, 1965, Ponce de Leon Inlet: Florida Historical Quarterly, volume 43, number 3, pages 244 - 264.
- Taylor, R. Bruce, Miguel A. Yanez, Terrence J. Hull, and William F. McFetridge, May, 1990, Engineering evaluation of Ponce de Leon Inlet final phase II report: Taylor Engineering Incorporated.

Taylor, R. Bruce, and William F. McFetridge, March, 1989, Program development report for port district inlet management program: Taylor Engineering, Inc.

Taylor, R. Bruce, Miquel A. Yanez, Terrence J. Hull, February, 1992, Port district inlet management program, phase III technical addendum: Taylor Engineering, Incorporated.

United States Army Corps of Engineers, 1938, Beaches erosion control at Daytona Beach, Florida.

United States Army Corps of Engineers, Jacksonville District, September, 1952, Survey review report on Ponce de Leon Inlet, Florida.

United States Army Corps of Engineers, Jacksonville District, September, 1963, Survey review report on Ponce de Leon Inlet, Florida.

United States Army Corps of Engineers, Committee on Tidal Hydraulics, 1964, Shoaling and beach stability problems, Ponce de Leon Inlet, Florida.

United States Army Corps of Engineers, Jacksonville District, November, 1967, General and detail design memorandum, Ponce de Leon Inlet, Florida.

United States Army Corps of Engineers, Jacksonville District, 1979, Bethune Beach, Florida, beach erosion control study.

United States Army Corps of Engineers, Jacksonville District, May, 1982, Section 14 Study, Bethune Beach, Volusia County, Florida.

United States Army Corps of Engineers, Jacksonville District, September, 1982 (revised February 1983), Volusia County, Florida, beach erosion control and hurricane protection feasibility report.

United States Army Corps of Engineers, Jacksonville District, July, 1983, Ponce de Leon Inlet, Florida, general and detailed design memorandum - addendum 1 (adjustment of weir).

United States Army Corps of Engineers, Jacksonville District, May, 1986, Section 107 reconnaissance report and environmental assessment, Rockhouse Creek, Florida.

Yanez, Miquel A., R. Bruce Taylor, and Terrence J. Hull, February, 1992, Analysis of inlet behavior using digital terrain and coastal hydrodynamics modeling techniques: Ponce de Leon Inlet, Florida: Proceedings of the Fifth National Conference on Beach Preservation Technology.

BREVARD COUNTY

- Auerbach, Michael H., G. W. Borden, and Billy L. Edge, 1988, Dune stabilization with a sand/gel composite system. Proceedings of the Twenty-first International Conference on Coastal Engineering, pages 1588-1602.
- Balsillie, James H., April, 1985, The Florida east coast Thanksgiving holiday storm of 21-24 November 1984: Beach and shores poststorm report number 85-1.
- Briley, Wild, and Associates, Inc., December, 1966, Report on beach erosion for the City of Cape Canaveral, Brevard County, Florida.
- Brooks, H. K., 1976, Borrow for beach restoration, Indian River Lagoon, Melbourne Beach, Brevard County, Florida, part I: logs and seismic plots: Coastal and Oceanographic Engineering Laboratory, University of Florida (76/001).
- Brooks, H. K., 1976, Borrow for beach restoration, Indian River Lagoon, Melbourne Beach, Brevard County, Florida, part II: sedimentology: Coastal and Oceanographic Engineering Laboratory, University of Florida (76/002).
- Brooks, H.K., 1976, Borrow for beach restoration, Indian River Lagoon, Melbourne Beach, Brevard County, Florida, final report: Coastal and Oceanographic Engineering Laboratory, University of Florida (76/004).
- Brown, Willie Ann, Rebecca M. Brooks, and Edward F. Thompson, September, 1987, Nearshore wave transformation study sites near Port Canaveral Inlet, Florida: United States Army Corps of Engineers, Coastal Engineering Research Center, miscellaneous paper CERC-87-16.
- Bruun, Per, J.A. Battjes, T. Y. Chiu, and J. A. Purpura, 1966, Coastal engineering model studies of three Florida coastal inlets [Sebastian, Hillsboro, and South Lake Worth]: Coastal Engineering Laboratory, University of Florida (66/006).
- Bumpus, Dean F., 1964, Report on nontidal drift experiments at Cape Canaveral during 1962: Woods Hole Oceanographic Institute, reference number 64-6.
- Canaveral Port Authority, 1985, Port Canaveral comprehensive plan, 1984 - 2004.
- Carter, H. H., and Akira Okubo, 1965, A study of the physical processes of movement and dispersion in the Cape Kennedy area: Chesapeake Bay Institute, reference 65-2.

Chiu, T. Y., April, 1986, Coastal construction control line review and reestablishment study for Brevard County: Beaches and Shores Resource Center, Florida State University.

Clausner, James Edward, 1982, Wave refraction and beach characteristics of a cape associated shoreline, Brevard County, Florida: Oceanography Department, Florida Institute of Technology, technical report JEB-10.

Coastal Engineering Laboratory, University of Florida, 1962, Coastal engineering study of current activity at Sebastian Inlet, Florida (62/011).

Coastal Engineering Laboratory, University of Florida, June, 1965, Coastal engineering hydraulic model study of Sebastian Inlet, Florida (65/006).

Coastal and Oceanographic Engineering Laboratory, University of Florida, 1970, Tracing of coastal sediments movement at Cape Canaveral (70/012).

Coastal and Oceanographic Engineering Department, University of Florida, June, 1973, Kennedy Space Center ocean beach erosion (73/016).

Coastal and Oceanographic Engineering Laboratory, University of Florida, March, 1974, Recommended coastal setback line for Brevard County, Florida (74/004).

Coastal and Oceanographic Engineering Laboratory, University of Florida, July, 1976, Report on monitoring of a beach fill south of Canaveral jetties, Brevard County, Florida (76/010).

Coastal and Oceanographic Engineering Department, University of Florida, June, 1987, Historical Florida shorelines: an atlas, Brevard County, 1877-1986.

Coastal and Oceanographic Engineering Department, University of Florida, July, 1987, Historical Florida offshore bathymetry: an atlas, Brevard County, 1928-1965.

Coastal Science and Engineering, Inc., January, 1988, Brevard County beach restoration management plan: Florida's beach restoration management plan for beach management planning districts III, IV, and VI, Florida Department of Natural Resources.

Coastal Technology Corporation, March, 1988, Sebastian Inlet District comprehensive management plan.

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, a Orhan, November 30, 1988, Bathymetric changes in co Florida: an atlas, Brevard County, 1878-1973: Fl State University.

Demirpolat, Suleyman, William F. Tanner, M. A. Knoblauch, a Orhan, November 30, 1988, Historical Florida shorelines atlas, Brevard County, Florida, 1874-1976: Florida University.

Ferland, Marie A., and Lee L. Weishar, 1984, Interpret analysis of surficial sediments as an aid in tran studies of dredged materials, Cape Canaveral, Flo United States Army Corps of Engineers, Coastal Engine Research Center, miscellaneous paper CERC-84-3.

Field, Michael E., January, 1974, Buried strandline deposi the central Florida innercontinental shelf: Bulletin o Geological Society of America, volume 85, number 1.

Field, Michael E., and David B. Duane, March, 1974, Geomorph and sediments of the innercontinental shelf, Cape Canav Florida: United States Army Corps of Engineers, Co Engineering Research Center, technical memorandum numbe

Fields, M. Leslie, James N. Marino, and Lee L. Weishar, M 1988, Effects of Florida tidal inlets on adj shorelines: Proceedings of the National Beach Preserv Technology Conference, pages 383 - 393.

Hansen, Mark Erik, 1982, Evaluation of beach fill models an effect of carbonate material on beach fill: Oceanogr Department, Florida Institute of Technology, tech report GO-82-1.

Hansen, Mark, and W. Jeff Lillycrop, March, 1988, Evaluati closure depth and its role in estimating beach fill vol Proceedings of the National Beach Preservation Techn Conference, pages 107 - 114.

Harris, William D., 1964, Repeat mapping for a record of erosion, Cape Kennedy: Shore and Beach, volume 32, n 2, page 31.

Hunt, S. D., 1980, Port Canaveral Entrance: glossary of i report number 9: Florida sea grant report number 39.

Hushla, F. L., 1982, Evaluating the performance of nourishment in Brevard County, Florida, through us aerial photography: Florida Institute of Techno masters thesis.

Johnson, Larry D., 1976, Recent history of the Sebastian Inlet, Florida, area: Geology Department, University of Florida, masters thesis.

Jones, Christopher P., 1977, An evaluation of sand bypassing systems at tidal inlets in Florida: Coastal and Oceanographic Engineering Laboratory, University of Florida, masters thesis.

Kirby, James T., 1988, Survey data report: Cape Canaveral, March - July, 1988: Coastal and Oceanographic Engineering Department, University of Florida (88/011).

Kofoed, J. W., 1963, Coastal development in Volusia and Brevard Counties, Florida: Bulletin of Marine Science of the Gulf and Caribbean, volume 13, number 1, pages 1-10.

Marino, J. N., December, 1986, Inlet ebb shoal volumes related to coastal physical parameters: Coastal and Oceanographic Engineering Department, University of Florida (86/017).

Mehta, A. J., William D. Adams, and Christopher P. Jones, 1976, Sebastian Inlet: glossary of inlets report number 3: Florida sea grant report number 14.

Mehta, A. J. and H. K. Brooks, October, 1973, Mosquito Lagoon barrier beach study: Shore and Beach, volume 41, pages 27-34.

Meisburger, Edward P., and David B. Duane, February, 1971, Geomorphology and sediments of the innercontinental shelf, Palm Beach to Cape Kennedy, Florida: United States Army Corps of Engineers, Coastal Engineering Research Center, technical memorandum number 34.

Meisburger, Edward P., and Michael E. Field, July, 1975, Geomorphology, shallow structure, and sediments of the Florida innercontinental shelf, Cape Canaveral to Georgia: United States Army Corps of Engineers, Coastal Engineering Research Center, technical memorandum number 54.

Mims, J. F., 1975, Location and evaluation of borrow material for beach nourishment, Melbourne Beach, Florida: Coastal and Oceanographic Engineering Laboratory, University of Florida (75/017).

Monroe, Karen L., June, 1987, Geomorphic and stratigraphic history of the flood tidal delta at Sebastian Inlet, Florida: Florida Institute of Technology, masters thesis.

Olsen Associates, Inc., August, 1989, Historical shoreline analysis along Brevard County, Florida.

- Olsen Associates, Inc., September, 1989, Wave refraction littoral drift along Brevard County, Florida.
- Olsen Associates, Inc., December, 1989, Sand source analysis beach restoration, Brevard County, Florida.
- Olsen Associates, Inc., December, 1989, Economic analysis beach restoration, Brevard County, Florida.
- Osmond, James K., and James P. May, and William F. Tann January, 1970, Age of the Cape Kennedy barrier and lag complex: Journal of Geophysical Research, volume 75, number 2, pages 469-479.
- Parson, Larry E., 1982, The immediate response of beach profile readjustment of the Indian River/Melbourne Beach nourishment project: Florida Institute of Technology, masters thesis
- Pilkey, Orrin H., Blake W. Blackwelder, Larry J. Doyle, Ernest Estes, and P. Michael Terlecky, June, 1969, Aspects of carbonate sedimentation on the Atlantic continental shelf off the southern United States: Journal of Sedimentary Petrology, volume 39, number 2, pages 744 - 768.
- Stapor, Frank W., Jr., and James P. May, 1983, The cellular nature of littoral drift along the northeast Florida coast: Journal of Marine Geology, volume 51, pages 217-237.
- Stauble, Donald K., 1980, The use of synthetic fabrics in coastal dune stabilization: American Society of Civil Engineers Proceedings of Coastal Zone '80, volume 3, pages 2190-2202.
- Stauble, Donald K., January, 1982, A detailed study of profile response and sediment textural changes of the Indian River/Melbourne Beach nourishment project: Proceedings of 25th Annual Meeting of the Florida Shore and Beach Preservation Association, pages 196 - 216.
- Stauble, Donald K., et al, 1983, Beach nourishment monitoring Florida east coast: Physical engineering aspects and management implications: American Society of Civil Engineers, Proceedings of Coastal Zone '83, pages 2512-2526.
- Stauble, Donald K., M. Hansen, and W. Blake, September, 1984, Assessment of beach nourishment sediment characteristics: Proceedings of the Nineteenth International Conference on Coastal Engineering, pages 1471-1487.
- Stauble, Donald K., and Walter G. Nelson, 1984, Biological and physical monitoring of beach erosion control project Indian River/Melbourne Beach, Florida: Department of Oceanography and Ocean Engineering, Florida Institute of Technology.

stauble, Donald K., Steven L. Da Costa, Karen L. Monroe, Virender K. Bhogal, and George de Vassal, 1987, Sediment dynamics of a sand bypass inlet: American Society of Civil Engineers, Proceedings of Coastal Sediments '87, pages 1624-1639.

stauble, Donald K., et al, 1988, Inlet flood tidal delta development through sediment transport processes: in Hydrodynamics and sediment dynamics of tidal inlets (New York: Springer - Verlag), pages 319 - 347.

Tyler, Jeremy Guy Anthony, 1972, The daily effect of waves on an exposed, natural beach in Brevard County, Florida: Florida Institute of Technology, masters thesis.

United States Army Corps of Engineers, Jacksonville District, 1952, Survey review report on Sebastian Inlet, Florida.

United States Army Corps of Engineers, October, 1961, Survey review report on Canaveral Harbor, Florida.

United States Army Corps of Engineers, Jacksonville District, November, 1967, Beach erosion control study on Brevard County, Florida.

United States Army Corps of Engineers, Jacksonville District, 1972, Final environmental statement, Brevard County beach erosion control project.

United States Army Corps of Engineers, Jacksonville District, 1975, Canaveral Harbor maintenance dredging, final environmental impact statement.

United States Army Corps of Engineers, Jacksonville District, 1978, Brevard County beach erosion control project, general and detailed design memorandum.

United States Army Corps of Engineers, Jacksonville District, March, 1987, Canaveral Harbor, Florida, sand bypass system, general design memorandum.

United States Army Corps of Engineers, Jacksonville District, July, 1991, Canaveral Harbor, Florida, sand-tightening and jetty extension, letter report.

United States Army Corps of Engineers, Jacksonville District, August, 1991, Canaveral Harbor, Florida, sand bypass system, supplement to the general design memorandum.

United State Army Corps of Engineers, Jacksonville District, March, 1992, Brevard County, Florida, shore protection study reconnaissance report.

- Dean, Robert G., Kevin R. Bodge, and J. S. Kim, August, Analysis and evaluation of hurricane David wave data in shallow water: Coastal and Oceanographic Engineering Department, University of Florida(85/010).
- Howell, Gary, D. Y. Lee, and Hsiang Wang, June, 1982, Storm surge measurements and computations for hurricane David: Coastal and Oceanographic Engineering Department, University of Florida (82/005).
- Jones, Christopher P., 1977, An evaluation of sand bypass systems at tidal inlets in Florida: Coastal and Oceanographic Engineering Laboratory, University of Florida masters thesis.
- Mehta, A. J., William D. Adams, and Christopher P. Jones, Sebastian Inlet: glossary of inlets report number 14. Florida sea grant report number 14.
- Meisburger, Edward P., and David B. Duane, February, Geomorphology and sediments of the innercontinental shelf from Palm Beach to Cape Kennedy, Florida: United States Army Corps of Engineers, Coastal Engineering Research Center technical memorandum number 34.
- Monroe, Karen L., June, 1987, Geomorphic and stratigraphic history of the flood tidal delta at Sebastian Inlet, Florida: Florida Institute of Technology, masters thesis.
- Savage, Rebecca, February, 1989, Historical shoreline changes in southeast Florida: Proceedings of the Second Annual National Beach Preservation Technology Conference.
- Savage, Rebecca J., and Emmett R. Foster, July, 1989, Historical shoreline change in southeast Florida: American Society of Civil Engineers, Proceedings of Coastal Zone '89, pages 4419.
- Stauble, Donald K., Steven L. Da Costa, Karen L. Monroe, Vir K. Bhogal, and George de Vassal, 1987, Sediment dynamics at a sand bypass inlet: American Society of Civil Engineers, Proceedings of Coastal Sediments '87, pages 1624-1639.
- United States Army Corps of Engineers, Jacksonville District, August, 1980, Feasibility report for beach erosion control, Indian River County beaches, Florida.
- United States Army Corps of Engineers, Jacksonville District, 1986, Beach erosion control, Indian River County, Florida.
- United States Army Corps of Engineers, Jacksonville District, 1987, General design memorandum for Indian River County

1985,
a in
ering
Walther, Michael P., R. Harvey Sasso, and Chung-Po Lin, March,
1988, Sediment budget for Sebastian Inlet: Proceedings of
the National Beach Preservation Technology Conference, pages
395 - 400.

surge
astal
y of
Walther, Michael P., July, 1989, Inlet sand transfer management:
American Society of Civil Engineers, Proceedings of Coastal
Zone '89, pages 1711 - 1723.

ssing
and
rida,
Walther, Michael P., Barry Douglas, and Kathy Fitzpatrick,
February, 1992, Sebastian Inlet sand transfer performance:
Proceedings of the Fifth National Conference on Beach
Preservation Technology.

1976,
r 3:
Walton, Todd L., Jr., and T. Y. Chiu, October, 1977, Sheltered
shorelines in Florida: Shore and Beach, volume 45, number
4, pages 28-33.

1971,
helf,
Army
nter,
Wang, Hsiang, Li-Hwa Lin, Husui Zhong, and Gang Miao, 1990,
Sebastian Inlet physical model studies, Part 1 - fixed bed
model: University of Florida, Coastal and Oceanographic
Engineering Department (90/001).

aphic
nlet,
is.
Wang, Hsiang, Li-Hwa Lin, Husui Zhong, and Gang Miao, January
1991, Sebastian Inlet physical model studies, part I - fixed
bed model: Coastal and Oceanographic Engineering
Department, University of Florida (UFL/COEL - 91-001).

es in
nnual
Wang, Hsiang, February, 1991, Modeling Sebastian Inlet:
Proceedings of the Fourth Annual National Conference on
Beach Preservation Technology.

ritical
y of
4406
Wang, Hsiang, and Li-Hwa Lin, February, 1992, Sebastian Inlet
model studies: Proceedings of the Fifth Annual National
Conference on Beach Preservation Technology.

ender
cs of
eers,
Wang, Hsiang, and Li-Hwa Lin, and Gang Miao, May, 1992, Sebastian
Inlet physical model studies, final report - movable bed
model: Coastal and Oceanographic Engineering Department,
University of Florida (UFL/COEL - 92/006).

United States Army Corps of Engineers, Jacksonville District
September, 1984, Ft. Pierce Harbor, Florida, feasibility
report improvements for navigation.

United States Army Corps of Engineers, Jacksonville District
March, 1990, (revised May, 1991), Ft. Pierce Harbor
Florida, general design memorandum.

Walker, Thomas D., 1966, Beach erosion in Florida, with a
study of Ft. Pierce South Beach: Florida State University
masters thesis.

Walton, Todd L., Jr., 1974, Fort Pierce Inlet: glossary
inlets report number 2: Florida sea grant report number

MARTIN COUNTY

- Applied Technology and Management, Inc., March, 1991, St. Lucie Inlet management study, glossary of inlets.
- Arthur V. Strock and Associates, Inc., June, 1973, Town of Jupiter Island beach restoration project.
- Arthur V. Strock and Associates, Inc., 1974, Town of Jupiter Island, beach restoration project, follow-up report number 1.
- Arthur V. Strock and Associates, Inc., 1975, Town of Jupiter Island, beach restoration project, construction report.
- Arthur V. Strock and Associates, Inc., 1981, Town of Jupiter Island, beach restoration project, follow-up study.
- Aubrey, D. G., and N. M. Dekimpe, March, 1988, Performance of beach nourishment at Jupiter Island, Florida: National Beach Preservation Technology Conference, pages 409 - 420.
- Balsillie, James H., April, 1985, The Florida east coast Thanksgiving holiday storm of 21-24 November 1984: Beaches and shores poststorm report number 85-1.
- Campbell, Thomas F., and Richard H. Spadoni, 1982, Beach restoration - an effective way to combat erosion on the southeast coast of Florida: Shore and Beach, volume 50, number 1, pages 11-12.
- Campbell, Thomas J., and Kim Beachler, 1984, Engineering for beach restoration dredging: American Society of Civil Engineers, dredging and dredge material disposal, volume 2, pages 1014 - 1023.
- Chiu, T. Y., July, 1984, Coastal construction control line review and reestablishment study for Martin County, Florida: Beaches and Shores Resource Center, Florida State University.
- Coastal Data and Engineering, Inc., May, 1980, St. Lucie Inlet improvement project: preconstruction hydraulic monitoring study.
- Coastal Data and Engineering, Inc., December, 1985, Hydrodynamic monitoring study of the St. Lucie Inlet.
- Coastal Planning and Engineering, Inc., January, 1988, Martin County beach restoration management plan: Florida's beach restoration management plan for beach management planning districts III, IV, and VI, Florida Department of Natural Resources.

- Meisburger, Edward P., June, 1989, Possible interchange of sediments between a beach and offlying linear shoal: United States Army Corps of Engineers, Coastal Engineering Research Center, technical report TR CERC-89-6.
- Parker, N. E., October, 1979, Weir jetties - their continuing evolution: Shore and Beach, pages 15 - 19.
- Savage, Rebecca J., February, 1989, Historical shoreline change in southeast Florida: Proceedings of the Second Annual National Beach Technology Conference.
- Savage, Rebecca J., and Emmett R. Foster, July, 1989, Historical shoreline change in southeast Florida: American Society of Civil Engineers, Proceedings of Coastal Zone '89, pages 4418 - 4419.
- Sedwick, E. A., and Ashish J. Mehta, December, 1986, Beach response due to worm-built reefs: Third Indian Conference on Ocean Engineering, Indian Institute of Technology Bombay, India.
- Shemdin, O. H., H. K. Brooks, Z. Ceylani, and S. L. Harrelson, 1976, Comprehensive monitoring of a beach restoration project (Jupiter Island): Proceedings of the 14th International Conference on Coastal Engineering, pages 1490 - 1491.
- Terchunian, A. V., February, 1989, Performance of the Stabex system at Hutchinson Island, Florida: Proceedings of the Second Annual National Beach Preservation Technology Conference.
- United States Army Corps of Engineers, Beach Erosion Board, 1965, Beach erosion report on cooperative study of Jupiter Island, Florida.
- United States Army Corps of Engineers, Jacksonville District, 1965, Survey review report on St. Lucie Inlet, Florida.
- United States Army Corps of Engineers, Jacksonville District, October, 1965, Report on flood of 7-9 September, 1965 in central and southern Florida (hurricane Betsy).
- United States Army Corps of Engineers, Jacksonville District, September, 1968, Beach erosion control study on Marion County, Florida.
- United States Army Corps of Engineers, Jacksonville District, 1973, Survey review report, St. Lucie Inlet, Florida.
- United States Army Corps of Engineers, Jacksonville District, September, 1977, General design memorandum, phase I project design: St. Lucie Inlet, Florida.

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- 159 -

United States Army Corps of Engineers, Jacksonville District,
September, 1985, (revised June, 1986), Feasibility report
with environmental impact statement, beach erosion control
study, Martin County, Florida.

United States Army Corps of Engineers, Jacksonville District,
October, 1986, St. Lucie Inlet, Florida, sand transfer
plant, general design memorandum.

United States Army Corps of Engineers, Jacksonville District,
September, 1988, Beach erosion control study on Martin
County, Florida.

Walton, Todd L., Jr., 1974, St. Lucie Inlet: glossary of inlets
report number 1: Florida sea grant report number 2.

- Buckingham, William T., 1989, Development of a model shoreland management atlas for local government: the Palm Beach County example: American Society of Civil Engineers Proceedings of Coastal Zone '89, pages 4151 - 4165.
- Caldwell, Joseph M., October, 1950, Bypassing sand at South Lake Worth Inlet, Florida: Proceedings of the First Coastal Engineering Conference, pages 320 - 325.
- Campbell, Thomas J., Richard H. Spadoni, and Norman H. Beum, January, 1982, The Boca Inlet weir experiment: Proceedings of the 25th Annual Meeting of the Florida Shore and Beach Preservation Association, pages 134 - 142.
- Campbell, Thomas J., and Kim E. Beachler, November, 1982, Performance of the beach restoration in Delray Beach, Florida: Proceedings of the Eighteenth International Conference on Coastal Engineering.
- Campbell, Thomas J., and Richard H. Spadoni, 1982, Beach restoration - an effective way to combat erosion on the southeast coast of Florida: Shore and Beach, volume number 1, pages 11 - 12.
- Carroll, John H., and Richard H. Spadoni, 1986, Maximizing in-sand transfer for successful beach nourishment and navigation maintenance: the Boca Raton story: Proceedings of the Florida Shore and Beach Preservation Association Annual Conference, pages 145 - 155.
- Chiu, Ming-Hsing, 1981, Analysis of hurricane David wave spectra measured at three sites along Florida east coast: Coastal and Oceanographic Engineering Department, University of Florida (MP-81/2).
- Coastal Engineering Laboratory, University of Florida, 1982, Engineering information on the behavior of Lake Worth Inlet resulting from the proposed deepening of the inlet to accommodate vessels of greater depth (58/001).
- Coastal Engineering Laboratory, University of Florida, 1960, Boca Raton Inlet field and tidal model study on littoral drift and navigation (60/005).
- Coastal Engineering Laboratory, University of Florida, May, 1964, Coastal engineering study of South Lake Worth Inlet (64/005).
- Coastal Engineering Laboratory, University of Florida, 1965, Effect of South Lake Worth Inlet and its bypassing plant on adjacent shores; present and new installation (65/004).
- Coastal Engineering Laboratory, University of Florida, 1982, Interim report, South Lake Worth Inlet study (68/001).

Coastal and Oceanographic Engineering Laboratory, University of Florida, May, 1969, Sand tracing program for specific areas on the lower east coast of Florida, Palm Beach area from Lake Worth Inlet to South Lake Worth Inlet (69/005).

Coastal and Oceanographic Engineering Laboratory, May, 1969, Sand tracing program for specific areas on the lower east coast of Florida, Riviera Beach to Lake Worth Inlet (69/008).

Coastal and Oceanographic Engineering Laboratory, May, 1969, Coastal engineering study of Jupiter Inlet, Palm Beach County, Florida (69/009).

Coastal and Oceanographic Engineering Department, June, 1971, Observations at South Lake Worth Inlet (71/010).

Coastal and Oceanographic Engineering Department, University of Florida, 1973, Performance predictions of planned beach fill at Delray Beach, Florida (73/007).

Coastal and Oceanographic Engineering Laboratory, University of Florida, January, 1978, Recommended coastal setback line for Palm Beach County (78/013).

Coastal and Oceanographic Engineering Department, University of Florida, July, 1987, Historical Florida offshore bathymetrys: an atlas, Palm Beach County, 1883 - 1957.

Coastal and Oceanographic Engineering Department, University of Florida, September, 1987, Historical Florida shorelines: an atlas, Palm Beach County, 1883 - 1974.

Coastal Planning and Engineering, Inc., 1985, Dune and vegetation study for the City of Delray Beach.

Coastal Planning and Engineering, Inc., 1986, Beach nourishment project, 15 month follow-up study for the City of Delray Beach.

Coastal Planning and Engineering, Inc., 1986, Periodic beach nourishment project, 1984; turbidity monitoring and analysis for the City of Delray Beach.

Coastal Planning and Engineering, Inc., October, 1986, Beach and inlet shoal monitoring at Manalapan and Ocean Ridge for Palm Beach County.

Coastal Planning and Engineering, Inc., 1987, Beach nourishment project, 27 month follow-up study for the City of Delray Beach.

Coastal Planning and Engineering, Inc., January, 1988, Palm Beach County beach restoration management plan: Florida's beach restoration management plan for beach management planning districts III, IV, and VI, Florida Department of Natural Resources.

Coastal Planning and Engineering, Inc., 1988, City of Delray Beach second periodic beach nourishment project, 41 month follow-up study.

Coastal Planning and Engineering, Inc., October, 1988, Wave refraction study at Jupiter Inlet.

Coastal Planning and Engineering, Inc., October, 1989, Boca Raton Inlet and adjacent beaches management program report number 8.

Coastal Planning and Engineering, Inc. October, 1989, Jupiter Inlet shoal dredging and Carlin Park beach restoration.

Coastal Planning and Engineering, Inc., January, 1990, Report on Jupiter/Carlin shore protection project.

Cubit Engineering Ltd., May, 1986, Preliminary evaluation of proposed alternatives for sand bypassing at South Lake Worth Inlet: report for the Town of Ocean Ridge.

Cubit Engineering, Ltd., August, 1986, Comprehensive coastal management plan, Town of Palm Beach.

Cubic Engineering, Ltd., August, 1988, Florida Department of Natural Resources amended order relating to South Lake Worth Inlet, evaluation of Gee and Jensen report.

Das, M. M., September, 1971, Longshore sediment transport rates: a compilation of data: United States Army Corps of Engineers, Coastal Engineering Research Center, miscellaneous paper 71-1.

Dean, Robert G., November, 1983, Draft-erosion considerations along the beaches of the Town of Ocean Ridge, phase I results: report to the Town of Ocean Ridge.

Dean, Robert G., Kevin R. Bodge, and J. S. Kim, August, 1988, Analysis and evaluation of hurricane David wave data in shallow water: Coastal and Oceanographic Engineering Department, University of Florida (85/010).

Dean, Robert G., August, 1988, Florida Department of Natural Resources amended order relating to South Lake Worth Inlet evaluation of Gee and Jensen report and recommended methodology and results.

DelCharco, Michael James, 1992, Tidal flood water withdrawal, with special reference to Jupiter Inlet, Florida: Coastal and Oceanographic Engineering Department, University of Florida (92/003).

Demirpolat, Suleyman, William F. Tanner, and M. A. Knoblauch, October, 1989, Historical Florida shorelines: an atlas, Palm Beach County, 1883 - 1980: Florida State University.

DeWall, Allen E., and Joseph J. Richter, 1972, Beach and nearshore processes in southeastern Florida: American Society of Civil Engineers, Proceedings of Coastal Sediments '77, pages 425 - 443.

DeWall, Allen E., 1977, Littoral environmental observations and beaches changes along the southeast Florida coast: United States Army Corps of Engineers, Coastal Engineers Research Center, technical paper number 77-10.

Duane, David B., and Edward P. Meisburger, November, 1969, Geomorphology and sediments of the nearshore continental shelf, Miami to Palm Beach, Florida: United States Army Corps of Engineers, Coastal Engineering Research Center, technical memorandum number 29.

DuBois, Bessie Wilson, January - February, 1981, Jupiter Inlet: Gateway, the Magazine of the Port of Palm Beach.

Dudeck, Michael, 1984, Beach restoration: utilizing an alternate method to offshore dredging: Proceedings of the Florida Shore and Beach Preservation Association Annual Conference, pages 178 - 190.

Eden, Edwin W., 1957, Effect of Lake Worth and South Lake Worth Inlets on the movement of littoral material: Proceedings of the Sixth Coastal Engineering Conference, pages 439 - 456.

Fineren, W. W., June 1925, The proposed South Lake Worth ocean inlet near Boynton, Florida: The Florida Engineer and Contractor.

Finkl, C. F., 1988, Shoreline erosion: management case history from southeast Florida: Ocean and Shoreline Management, volume 11, number 2, pages 129 - 144.

Florida Board of Conservation, 1955, Sand transfer across Lake Worth Inlet, a method of correcting erosion at an inlet: Water survey and research paper number 14.

Fluet, J. E., 1973, The proposed improvement of the Boca Raton Inlet, a preliminary investigation.

Frost, George, 1965, Sand transfer facilities, Palm Beach County.

Gee and Jenson, Inc., May, 1988, Engineering report response to the Florida Department of Natural Resources' amended order dated January 11, 1988: report prepared for the South L. Worth Inlet District.

Glace Engineering Corporation, April, 1965, City of Delray Beach, Palm Beach County, Florida planning report erosion control of beach areas.

Hall, Jay V., 1952, Artificially nourished and constructed beaches: United States Army Corps of Engineers, Beach Erosion Board, technical memorandum number 29.

Harris, Philip S., 1991, The influence of seasonal variation on longshore sediment transport with applications to erosion of the downdrift beach at Jupiter Inlet, Florida: Coastal and Oceanographic Engineering Department, University of Florida, masters thesis (91/015).

Harris, Philip S., III, and Robert J. Thieke, February, 1990, Evaluation of downdrift erosion at Jupiter Inlet through longshore transport statistics: Proceedings of the Fifth National Conference on Beach Preservation Technology.

Howard, Earl, and Thomas J. Campbell, February, 1989, Performance of the Delray Beach restoration and renourishment project: Proceedings of the Second Annual National Beach Preservation Technology Conference.

Howell, Gary, D. Y. Lee, Hsiang Wang, June, 1982, storm surge measurements and computations for hurricane David: Coastal and Oceanographic Engineering Department, University of Florida (82/005).

Hubertz, J. M., and W. A. Brandon, February, 1992, Hindcast wave conditions during 1990 at Lake Worth and Hallandale Beach, Florida: United States Army Corps of Engineers, Coastal Engineering Research Center, Wave Information Study.

Hubertz, J. M., and W. A. Brandon, June, 1992, A comparison of measured and hindcast wave conditions at Lake Worth and Hallandale, Florida during 1990: United States Army Corps of Engineers, Coastal Engineering Research Center, Wave Information Study.

Hutcheon Engineers, 1965, Florida East Coast Hotel Company, Breakers, Palm Beach, Florida, proposed shoreline improvements.

Jones, Christopher P., 1977, An evaluation of sand bypass systems at tidal inlets in Florida: Coastal and Oceanographic Engineering Laboratory, University of Florida, masters thesis.

K. C. Mock and Associates, 1962, Investigation of tidal hydraulics of the South Lake Worth Inlet and its effect on tide levels in Lake Worth.

Knappen Tippetts Abbett McCarthy, Engineers, August, 1954, Report on sand transfer facility at Lake Worth Inlet, Palm Beach, Florida.

Leadon, Mark E., May, 1991, Performance monitoring report of the P.E.P. Reef: Florida Department of Natural Resources, Division of Beaches and Shores (DNR permit number DBS 86-155 PB).

Marino, James N., 1986, Inlet shoal volumes related to coastal physical parameters: Coastal and Oceanographic Engineering Department, University of Florida (86/017).

Mehta, A. J., C. L. Montague, R. J. Thieke, and R. W. Faas, October, 1990, Tidal inlet management at Jupiter Inlet: second progress report: Coastal and Oceanographic Engineering Department, University of Florida (COEL-90/010).

Mehta, Ashish J., C. L. Montague, and T. M. Parchure, April, 1990, Tidal inlet management at Jupiter Inlet, Florida, part 1: considerations on navigation, beach erosion, and ecological imperatives, part 2: review of literature and data: Coastal and Oceanographic Engineering Department, University of Florida (90/005).

Mehta, Ashish J., C. L. Montague, R. J. Thieke, L. H. Lin, and E. J. Hayter, January, 1991, Tidal inlet management at Jupiter Inlet: Third progress report: Coastal and Oceanographic Engineering Department, University of Florida (UFL/COEL - 91-002).

Mehta, Ashish, February, 1991, The basics of Jupiter Inlet management: Proceedings of the Fourth Annual National Conference on Beach Preservation Technology.

Mehta, Ashish J., T. M. Parchure, C. L. Montague, R. J. Thieke, E. J. Hayter, and R. B. Krone, June, 1991, Tidal inlet management at Jupiter Inlet: fourth progress report: Coastal and Oceanographic Engineering Laboratory, University of Florida (UFL/COEL-91-008).

Mehta, Ashish J., Clay L. Montague, and Robert J. Thieke, July, 1992, Erosion, navigation and sedimentation imperatives at Jupiter Inlet, Florida: recommendations for coastal engineering management: Coastal and Oceanographic Engineering Department, University of Florida (UFL/COEL - 92/002).

- Meisburger, Edward P., July, 1989, Cross shore variations in heavy minerals in beaches of the barrier dominated southeast Atlantic coast: American Society of Civil Engineers, Barrier Islands Process and Management, pages 93 - 105.
- Moore, Bruce R., June ?, Sediment transport studies, Jupiter Inlet: Geology Department, University of Kentucky.
- Olsen Associates, Inc., October, 1987, Palm Beach County atlas shoreline management plan.
- Olsen Associates, Inc., October, 1987, Palm Beach County Beaches and Shores Council, guidelines for the review and consideration of coastal permits.
- Olsen Associates, Incorporated, December, 1990, South Lake Worth Inlet sand management plan.
- Purandare, Ulhas V., 1985, Laboratory study of tidal inlet edge flow jets: Coastal and Oceanographic Engineering Department, University of Florida (MP-85/1).
- Research Planning Institute, Inc., 1984, Atlas - the sensitivity of coastal environments and wildlife to spilled oil in the south Florida region.
- Richter, Joseph J., 1972, An investigation of beach changes between Hollywood and Jupiter, Florida: Florida Ocean Sciences Institute, Inc.
- Reynolds, Kenneth C., June, 1951, Report on tidal entrances: United States Army Corps of Engineers, Beach Erosion Board.
- Ross, C. W., 1948, Experimental steel pile groins, Palm Beach, Florida: United States Army Corps of Engineers, Beach Erosion Board.
- Rusnak, Gene A., Kenneth W. Stockman, and Herman A. Hofmann, 1966, The role of shell material in the natural replenishment cycle of the beach and nearshore area between Lake Worth Inlet and the Miami Ship Channel.
- Schnid, Norman C., April, 1949, Problems of beach restoration and preservation at Palm Beach, Florida: Shore and Beach, volume 17, number 1, pages 19 - 20.
- Senour, Charles, 1959, Sand bypassing plant at Lake Worth Inlet, Florida: American Society of Civil Engineers, Journal of the Waterways and Harbors Division, volume 85, pages 69 - 87.

Shemdin, Omar H., and R. M. Forney, September, 1970, Tidal motion in days: Proceedings of the Twelfth Coastal Engineering Conference, pages 2225 - 2242.

Sivard, Frank L., 1971, Building a beach with an offshore sill, Singer Island, Florida: Shore and Beach, volume 39, number 1, pages 42 -44.

Spadoni, Richard H., Norman H. Beumal, and Thomas J. Campbell, 1983, The design and performance of a weir at Boca Raton Inlet, Florida: American Society of Civil Engineers, Proceedings of Coastal Structures '83, pages 894 - 901.

Stauble, Donald K., M. Hansen, and W. Blake, September, 1984, An assessment of beach nourishment sediment characteristics: Proceedings of the Nineteenth International Conference on Coastal Engineering, pages 1471 - 1487.

Stauble, Donald K., and Tracy Logue, February, 1992, In search of beach fill material: the Palm Beach County, coast of Florida GIS study: Proceedings of the Fifth Annual National Conference on Beach Preservation Technology.

Stone, Gregory W., and James P. Morgan, September, 1983, On the concept of storm wave susceptibility and its application to four Florida coastal areas: Proceedings of the Florida Shore and Beach Preservation Association, 1983 joint annual meeting, pages 19 - 36.

Stuiver, Minze, and James A. Purpura, December, 1968, Application of fluorescent coated sand in littoral drift and inlet studies: Proceedings of the International Conference on Coastal Engineering.

Taylor, R. Bruce, and William F. McFetridge, July, 1991, Management plan, Jupiter Inlet beach disposal area, site PB-JB.

Thompson, Edward F., 1980, Energy spectra in shallow U.S. coastal waters: United States Army Corps of Engineers, Coastal Engineering Research Center, technical paper number 80-2.

United States Army Corps of Engineers, 1948, Palm Beach, Florida: beach erosion study.

United States Army Corps of Engineers, 1948, Survey review report on Lake Worth Inlet, Florida.

United States Army Corps of Engineers, Beach Erosion Board, 1953, A study of sand movement at South Lake Worth Inlet, Florida: technical memorandum 42.

United States Army Corps of Engineers, Jacksonville District, 1956, Beach erosion control report on cooperative study of Palm Beach, Florida.

United States Army Corps of Engineers, 1958, Palm Beach County, from Lake Worth Inlet to South Lake Worth Inlet, Florida, beach erosion control study: House Document number 85th Congress, 2nd Session.

United States Army Corps of Engineers, Jacksonville District, June, 1959, Beach erosion control study of Palm Beach County, Florida.

United States Army Corps of Engineers, 1961, Palm Beach County, Florida, from Martin County line to Lake Worth Inlet, from South Lake Worth Inlet to Broward County line: beach erosion control study: House document number 164, 85th Congress, 1st Session.

United States Army Corps of Engineers, Jacksonville District, October, 1965, Report on flood of 7 - 9 September, 1965, central and southern Florida (hurricane Betsy).

United States Army Corps of Engineers, Jacksonville District, 1966, Survey report on Jupiter Inlet, Florida.

United States Army Corps of Engineers, Committee on Technical Hydraulics, 1971, Palm Beach Harbor, Florida: technical bulletin 17.

United States Army Corps of Engineers, Jacksonville District, 1972, Final environmental impact statement, beach erosion control project, Delray Beach, Florida.

United States Army Corps of Engineers, Jacksonville District, 1974, Sand transfer plant, Lake Worth Inlet, Palm Beach County, Florida.

United States Army Corps of Engineers, 1974, The ports of Miami, Port Everglades, and Palm Beach, Florida: Port series 1.

United States Army Corps of Engineers, Jacksonville District, March, 1979, Palm Beach County, Florida, beach erosion control projects.

United States Army Corps of Engineers, Jacksonville District, 1980, Reconnaissance report: review of Canal 18, Jupiter Inlet, and Loxahatchee River.

United States Army Corps of Engineers, Jacksonville District, December, 1982, Beach erosion control project for Palm Beach County, Florida, special phase 1, general design memorandum supplemental appendix.

United States Army Corps of Engineers, Jacksonville District, June, 1984, Beach erosion control projects for Palm Beach County, Florida, general design memorandum, supplemental appendix B-1.

United States Army Corps of Engineers, Jacksonville District, March, 1985, Beach erosion control projects for Palm Beach County, Florida, general design memorandum with Palm Beach harbor section 111 report and environmental impact statement.

United States Army Corps of Engineers, Jacksonville District, December, 1985, Reconnaissance report: Jupiter Inlet, Florida.

United States Army Corps of Engineers, Jacksonville District, April, 1987, Beach erosion control project for Palm Beach County, Florida - general design memorandum with environmental impact statement.

United States Army Corps of Engineers, January, 1988, Section 111 definite project report, Palm Beach harbor, Florida.

Walker, James R., and James W. Dunham, November, 1977, Lake Worth Inlet case study: American Society of Civil Engineers, Proceedings of Coastal Sediments '77, page 602.

Wallis, W. Turner, January, 1961, Palm Beach County, Florida, beach erosion control program - description and discussion of the proposed plan of improvement for beach erosion control in Palm Beach County: Special report number 2.

Walton, Todd L., Jr., 1979, Coastal history notes: Boca Raton Inlet vicinity, Florida sea grant publication, number MAFS-19.

Wanless, Harold, Victor Rossinsky, Jr., and B. F. Mcpherson, 1984, Sedimentologic history of the Loxahatchee River Estuary, Florida: United States Geological Survey, Water Resources Investigations, report number 84-4120.

Watts, George M., October, 1953, A study of sand movement at South Lake Worth Inlet, Florida: United States Army Corps of Engineers, Beach Erosion Board, technical memorandum TM-42.

Weber and Brockway Engineers, Inc., 1962, Special report to Jupiter Inlet Commission.

Yeend, John S., August, 1983, Hydrographic survey, South Lake Worth Inlet, Palm Beach County, Florida: report for Board of Commissioners of South Lake Worth Inlet District.

Yeend, John S., 1987, Inlet dredging production as a function of sea state: American Society of Civil Engineers, Proceedings of Coastal Zone '87, pages 1200 - 1206.

Zurmuhlen, Frederick H., 1958, The sand transfer plant at La Worth Inlet: Proceedings of the Sixth Conference on Coastal Engineering, pages 457 - 462.

BROWARD COUNTY

Anonymous, January, 1938, Report on beach erosion at Hollywood Beach, Florida: Shore and Beach, pages 9 - 13.

Chur V. Strock and Associates, Inc., November, 1973, Town of Hillsboro Beach, beach restoration project follow-up report number 1.

Chur V. Strock and Associates, Inc., April, 1974, Town of Hillsboro Beach, beach restoration project follow-up report number 2.

Chur V. Strock and Associates, Inc., April, 1975, Town of Hillsboro Beach, beach restoration project follow-up report number 3.

Chur V. Strock and Associates, Inc., March, 1981, Phase I, general design memorandum, segment II of Broward County, Hillsboro Inlet to Port Everglades, beach erosion control and storm protection study.

Chur V. Strock and Associates, Inc., November, 1981, Phase I, general design memorandum, segment II of Broward County, Hillsboro Inlet to Port Everglades, beach erosion control and storm protection study, appendices.

achler, Kim, and Thomas J. Campbell, 1984, Offshore dredging - is it still cost-effective for beach restoration?: American Society of Civil Engineers, dredging and dredged material disposal, pages 229 - 236.

anton, J. O., J. B. Opdyke, and M. Stuiver, September, 1965, Report of damage survey along southeast coast of Florida after hurricane Betsy: Coastal Engineering Laboratory, University of Florida (65/005).

and, Samson, and A. J. Compton, July, 1986, Port Everglades as a hurricane haven: Mariners Weather Log, volume 30, number 3, pages 125 - 132.

oward County Environmental Quality Control Board, June, 1978 (Revised October, 1978), Broward County, Port Everglades to south county line, beach erosion control project, general and detail design memorandum.

oward County Environmental Quality Control Board, June, 1986 (Revised January, 198), Broward County, Florida, Port Everglades to south county line, beach erosion control project, general design memorandum, addendum I.

oward County Erosion Prevention District, February, 1991, The John U. Lloyd beach renourishment and jetty grouting project; 16 month monitoring report.

Broward County Erosion Prevention District, October, 1991, Joe U. Lloyd Beach renourishment project, 24 month monitoring report.

Bruun, Per, J. A., Battjes, T. Y. Chiu, and J. A. Purpura, 1966 Coastal engineering model studies of three Florida coast inlets (Sebastian, Hillsboro, and South Lake Worth Coastal Engineering Laboratory, University of Florida (66/006).

Campbell, Thomas J., and Richard H. Spadoni, 1982, Beach restoration - an effective way to combat erosion on the southeast coast of Florida: Shore and Beach, volume 5 number 1, pages 11 - 12.

Campbell, Thomas J., and Kim Beachler, 1984, the 1983, beach restoration of Pompano and Lauderdale-by-the-Sea: Shore and Beach, volume 53, number 3, pages 21 - 26.

Campbell, Thomas J., and Kim Beachler, 1984, Engineering for beach restoration dredging: American Society of Civil Engineers, Dredging and dredged material disposal, volume 2, pages 1014 - 1023.

Chiu, T. Y., January, 1981, Coastal construction control line study for Broward County: Coastal and Oceanographic Engineering Laboratory, University of Florida (81/002).

Clark, Gene R., 1981, Littoral transport for a southeast Florida coast (Hillsboro Inlet to Port Everglades): Coastal and Oceanographic Engineering Department, University of Florida (MP-81/3).

Coastal Engineering Laboratory, University of Florida, 1955 Preliminary report on investigations of the Hillsboro Inlet problem (57/001).

Coastal Engineering Laboratory, University of Florida, 1955 Coastal engineering investigation at Deerfield Beach, Florida (57/004).

Coastal Engineering Laboratory, University of Florida, 1955 Coastal Engineering Study at Pompano Beach (59/003).

Coastal Engineering Laboratory, University of Florida, 1960 Review of groin project at Pompano Beach (60/007).

Coastal Engineering Laboratory, University of Florida, February 1965, Coastal engineering study of Hillsboro Inlet, Broward County, Florida (65/002).

Coastal Engineering Laboratory, University of Florida, 1966 Field investigation, Hillsboro Inlet (66/007).

Coastal and Oceanographic Engineering Laboratory, University of Florida, 1967, Coastal engineering study for the improvement of the current pattern around the Hillsboro bridge pier (67/001).

Coastal and Oceanographic Engineering Laboratory, University of Florida, 1968, Offshore breakwater for installation at Hillsboro Inlet (68/002).

Coastal and Oceanographic Engineering Laboratory, University of Florida, September, 1968, Preliminary study: considerations of beach erosion and stability immediately south of Port Everglades (68/004).

Coastal and Oceanographic Engineering Department, University of Florida, 1971, Coastal engineering evaluation of planned offshore breakwater at Broward County beach (71/009).

Coastal and Oceanographic Engineering Department, University of Florida, June, 1987, Historical Florida shorelines: an atlas, Broward County, 1883 - 1985.

Coastal and Oceanographic Engineering Department, University of Florida, July, 1987, Historical Florida offshore bathymetry: an atlas, Broward County, 1883 - 1961.

Coastal and Oceanographic Engineering Department, University of Florida, September, 1987, Historical Florida offshore bathymetry: an atlas, Broward County, 1881 - 1961.

Coastal Planning and Engineering, Inc., March, 1985, Broward County alternate sand source and inlet by-passing study.

Coastal Planning and Engineering, Inc., January, 1988, Broward County beach restoration management plan: Florida's beach restoration management plan for beach management planning districts III, IV, and VI, Florida Department of Natural Resources.

Coastal Technology Corporation, October, 1988, Port Everglades sand bypassing study.

DeWall, Allen E., and Joseph J. Richter, 1977, Beach and nearshore processes in southeastern Florida: American Society of Civil Engineers, Proceedings of Coastal Sediments '77, pages 425 - 443.

DeWall, Allen E., 1977, Littoral environmental observations and beaches changes along the southeast Florida coast: United States Army Corps of Engineers, Coastal Engineering Research Center, technical paper number 77 - 10.

- Duane, David B., and Edward P. Meisburger, November, 1961, Geomorphology and sediments of the nearshore continental shelf, Miami to Palm Beach, Florida: United States Army Corps of Engineers, Coastal Engineering Research Center technical memorandum number 29.
- Dompe, Philip E., and Daniel M. Hanes, February, 1962, Fluctuations in turbidity and waves at Hollywood, Florida: Proceedings of the Fourth Annual National Conference on Beach Preservation Technology.
- Hall, Johnny A., 1963, Surf climate at three selected U.S. coastal locales: Atlantic City, New Jersey, Hillsboro Inlet, Florida, and Yaquina Bay, Oregon, Beach Erosion Board bulletin number 16, pages 24 - 35.
- Hodges, Thelbert K., April, 1955, Sand bypassing at Hillsboro Inlet, Florida: Beach Erosion Board, bulletin 9, number 1, pages 1 - 6.
- Hubertz, J. M., and W. A. Brandon, February, 1992, Hindcast wave conditions during 1990 at Lake Worth and Hallandale, Florida: United States Army Corps of Engineers, Coastal Engineering Research Center, Wave Information Study.
- Hubertz, J. M., and W. A. Brandon, June, 1992, A comparison of measured and hindcast wave conditions at Lake Worth and Hallandale, Florida during 1990: United States Army Corps of Engineers, Coastal Engineering Research Center, Wave Information Study.
- Jones, Christopher P., 1977, An evaluation of sand bypassing systems at tidal inlets in Florida: Coastal and Oceanographic Engineering Laboratory, University of Florida, masters thesis.
- Michel, John F., January, 1962, Report on beach erosion south of the mouth of Hillsboro Inlet.
- Michel, John F., 1973, Contributions to waterfront engineering feasibility study, U.S. Coast Guard station, Fort Lauderdale, Florida: University of Miami Rosenstiel School of Marine and Atmospheric Science.
- Pomeroy, Robert F., 1977, A chronological history of beach erosion control in the City of Deerfield Beach, Florida: City of Deerfield Beach Engineering Department.
- Raymond, William F., August, 1971, A geologic investigation of the offshore sands and reefs of Broward County: Florida State University, masters thesis.
- Raymond, William F., 1973, Final report on phase 1, offshore sand transport study.

Raymond, William F., 1975, Sand and coral monitoring at two artificial reefs in Florida: Shore and Beach, volume 43, number 2, page 3.

Research Planning Institute, Inc., 1984, Atlas - the sensitivity of coastal environments and wildlife to spilled oil in the south Florida region.

Richer, Joseph J., 1972, An investigation of beach changes between Hollywood and Jupiter, Florida: Florida Ocean Sciences Institute, Inc.

Rosati, Julie Dean, and Thomas A. Denes, 1990, Field evaluation of Port Everglades, Florida rehabilitation of south jetty by void sealing: United States Army Corps of Engineers, Coastal Engineering Research Center, (CERCTR REMR CO-15).

Rose, Frank W., 1974, An experimental investigation of waves superimposed on a steady current: University of Miami Rosenstiel School of Marine and Atmospheric Science.

Rusnak, Gene A., Kenneth W. Stockman, and Herman A. Hofman, 1966, The role of shell material in the natural sand replenishment cycle of the beach and nearshore area between Lake Worth Inlet and the Miami ship channel.

Stauble, Donald K., M. Hansen, and W. Blake, September, 1984, An assessment of beach nourishment sediment characteristics: Proceedings of the Nineteenth International Conference on Coastal Engineering, pages 1471 - 1487.

Stone, Donald A., March, 1988, Growth and survivorship of field planted sea oats (Uniola paniculata, L.): Proceedings of the National Beach Preservation Technology Conference, pages 249 - 254.

Suboceanic Consultants, Inc., November, 1980, Hollywood/Hallendale beach restoration project, six months monitoring report.

Suboceanic Consultants, Inc., March, 1981, Hollywood/Hallendale beach restoration project, one year monitoring report.

United States Army Corps of Engineers, Beach Erosion Board, May, 1937, Beach erosion at Hollywood Beach, Florida.

United States Army Corps of Engineers, Jacksonville District, 1958, Survey report on Baker's Haulover Inlet, Florida.

United States Army Corps of Engineers, Jacksonville District, 1963, Beach erosion control and Hillsboro Inlet navigation report.

United States Army Corps of Engineers, Jacksonville District
April, 1962, (revised May, 1963), Survey report on hurricane
protective measures for Fort Lauderdale, Florida.

United States Army Corps of Engineers, Jacksonville District
October, 1965, Report on flood of 7 - 9 September, 1965
central and southern Florida (hurricane Betsy).

United States Army Corps of Engineers, Committee on Tidal
Hydraulics, 1971, Port Everglades Harbor, Florida:
Estuarine navigation projects, technical bulletin 17, page
24.

United States Army Corps of Engineers, Jacksonville District
December, 1971, Survey review report on Port Everglades
Harbor, Florida.

United States Army Corps of Engineers, Board of Engineers
Rivers and Harbors, 1974, The ports of Miami, Port
Everglades, and Palm Beach, Florida: Port series 16.

United States Army Corps of Engineers, Jacksonville District
1978, Broward County, Port Everglades to south county line
beach erosion control project: General and detail design
memorandum.

Walther, Michael P., July, 1989, Inlet sand transfer management
American Society of Civil Engineers, Proceedings of Coastal
Zone '89, pages 1711 - 1723.

DADE COUNTY

- Adams, James W. R., 1980, Dade County beach erosion control and hurricane protection project: American Society of Civil Engineers Convention and Exposition, preprint 80 - 600.
- Barnes, Adrian D., April, 1946, Improvement of Dade County waterfronts: Shore and Beach, volume 14, number 1, pages 7 - 10.
- Barnes, Adrian D., April, 1949, Crandon Park, yesterday, now, tomorrow: Shore and Beach, volume 17, number 1, pages 7 - 9.
- Bechamps, Eugene N., and William A. O'Leary, 1982, Miami Beach's \$3 million beach park: the biggest beach revegetation project in history: Proceedings of the Florida Shore and Beach Preservation Association Annual Meeting, pages 94 - 109.
- Blanton, J. O., J. B. Opdyke, and M. Stuiver, September, 1965, Report of damage survey along the southeast coast of Florida after hurricane Betsy: Coastal Engineering Laboratory, University of Florida (65/005).
- Bunting, D. C., R. C. Gentry, M. H. Latour, and Gary Norton, July, 1951, Florida hurricanes of 1950: Florida Engineering and Industrial Experiment Station, University of Florida, bulletin series number 45.
- Chardon, Roland E., 1977, Cartographic analysis of coastal change: natural and urban [Biscayne Bay]: in Research techniques in coastal environments, Louisiana State University, pages 257 - 270.
- Chardon, Roland E., June, 1978, Coastal barrier changes, 1770 - 1867, Biscayne Bay area, Florida: Geology, volume 6, pages 333 - 336.
- Chiu, Ming-Hsing, 1981, Analysis of hurricane David wave spectra measured at three sites along Florida east coast [Miami Beach, West Palm Beach, Vero Beach]: Coastal and Oceanographic Engineering Department, University of Florida (MP-81/2).
- Clemente, Anthony J., 1986, The need to streamline the erosion control process: a decade of experience at Key Biscayne, Florida: Proceedings of the Florida Shore and Beach Preservation Association Annual Conference, pages 1- 10.
- Coastal Engineering Laboratory, University of Florida, March, 1958, Coastal engineering study at Bakers Haulover (58/004).

Coastal Engineering Laboratory, University of Florida, 1959, Coastal engineering study at Ragged Keys (59/001).

Coastal Engineering Laboratory, University of Florida, June 1959, Bakers Haulover Inlet tidal model study on beach erosion and navigation (59/011).

Coastal and Oceanographic Engineering Laboratory, University of Florida, September, 1969, Beach erosion and stabilization considerations for Bal Harbour Village (69/018).

Coastal and Oceanographic Engineering Laboratory, University of Florida, September, 1969, Coastal engineering study related to stabilization of Lummus Park beaches (69/010).

Coastal and Oceanographic Engineering Department, University of Florida, August, 1972, Design wave analysis, south jet extension structure, Bakers Haulover Inlet, Bal Harbour, Florida.

Coastal and Oceanographic Engineering Department, University of Florida, 1972, Study report to determine behavior of proposed fill for erosion control, Virginia Key and Key Biscayne, Florida (72/006).

Coastal and Oceanographic Engineering Department, University of Florida, May, 1981, Coastal construction control line study for Dade County, Florida (81/006).

Coastal and Oceanographic Engineering Department, University of Florida, June, 1987, Historical Florida shorelines: an atlas, Dade County, 1851-1981.

Coastal and Oceanographic Engineering Department, University of Florida, August, 1987, Historical Florida offshore bathymetry: an atlas, Dade County, 1881-1961.

Coastal Technology, Inc., January, 1988, Dade County beach restoration management plan: Florida's beach restoration management plan for beach management planning districts II, IV, and VI, Florida Department of Natural Resources.

Dade County Department of Environmental Resources Management, 1980, The Dade County beach erosion control and hurricane protection project.

Dean, Robert G., Kevin R. Bodge, and J. S. Kim, August, 1988, Analysis and evaluation of hurricane David wave data in shallow water: Coastal and Oceanographic Engineering Department, University of Florida (85/010).

Demirpolat, Suleyman, April, 1989, Historical shoreline change, Key Biscayne, Florida: Florida State University.

- DeWall, A. E., and J. J. Richter, 1972, Beach and nearshore processes in southeastern Florida: American Society of Civil Engineers, Proceedings of Coastal Sediments '77, pages 425-443.
- DeWall, A. E., 1977, Littoral environmental observations and beaches changes along the southeast Florida coast: United States Army Corps of Engineers, Coastal Engineering Research Center, technical paper number 77-10.
- Duane, David B., and Edward P. Meisburger, November, 1969, Geomorphology and sediments of the nearshore continental shelf, Miami to Palm Beach, Florida: United States Army Corps of Engineers, Coastal Engineering Research Center, technical memorandum number 29.
- Ebersole, Bruce A., April, 1982, Atlantic coast water-level climate: United States Army Corps of Engineers, Waterways Experiment Station, Hydraulics Laboratory, WIS report 7.
- Eefting, Theodore, September, 1927, Structural lessons of the south Florida hurricane: The Florida Engineer and Contractor.
- Egense, Anders K., and Choule J. Sonu, 1987, Assessment of beach nourishment methodologies: American Society of Civil Engineers, Proceedings of Coastal Zone '87, pages 4421 - 4433.
- Fairweather, Virginia, September, 1987, Restoring the shore: Civil Engineering, volume 57, number 9, pages 74 - 77.
- Finkl, Charles W., July, 1981, Beach nourishment, a practical method of erosion control: Geo-Marine Letters, pages 155 - 161.
- Flynn, Brian, Stephen M. Blair, and Susan M. Markley, February, 1991, Environmental monitoring and project performance of the Key Biscayne beach restoration project: Proceedings of the Fourth Annual National Conference on Beach Preservation Technology.
- Frohling, Nathan M., 1986, The Dade County beach vegetation project: creation of an eight mile "Erosion Control Park": Proceedings of the Florida Shore and Beach Preservation Association Annual Meeting, pages 114 - 121.
- Hobson, R. D., 1981, Beach nourishment techniques: report 3: typical U.S. beach nourishment projects using offshore sand deposits: United States Army Corps of Engineers, Waterways Experiment Station, technical report H-76-13.

- Howell, Gary, D. Y. Lee, and Hsiang Wang, June, 1982, Storm surge measurements and computations for hurricane David: Coast and Oceanographic Engineering Department, University of Florida (82/005).
- Keulegan, Garbis H., 1950, A formula for the calculation of tidal discharge through an inlet: Beach Erosion Board bulletin, volume 4, number 1, page 15.
- Leadon, Mark, February, 1992, Physical monitoring of the Key Biscayne beach restoration project with shoreline change modeling application: Proceedings of the Fifth Annual National Conference on Beach Preservation Technology.
- Le Mehaute, Bernard, John D. Wang, and Chia-Chi Lu, January 1983, The use of wave climatologic atlases for studying shoreline processes: Proceedings of the 26th Annual Meeting of the Florida Shore and Beach Preservation Association, pages 155-168.
- Lipp, Morris N., October, 1949, All steel groin, Miami Beach Shore and Beach, volume 17, number 2, pages 6 - 7.
- Olsen Associates, Incorporated, 1989, Beach restoration at Fish Island, Florida.
- Olsen, Erik, and Kevin Bodge, February, 1991, Caribbean beach fill and Mediterranean structures at southeast Florida: Proceedings of the Fourth Annual National Conference on Beach Preservation Technology.
- Park, F. D. R., 1969, Virginia Key - Key Biscayne beach nourishment: Shore and Beach, volume 37, number 1, page 3.
- Purpura, James A., April, 1962, Model studies of coastal inlets with special reference to the Bakers Haulover Inlet model study: Coastal Engineering Laboratory, leaflet number 150.
- Research Planning Institute, Inc., 1984, Atlas - the sensitivity of coastal environments and wildlife to spilled oil in the south Florida region.
- Reynolds, Kenneth C., June, 1951, Report on tidal entrance: United States Army Corps of Engineers, Beach Erosion Board.
- Rusnak, Gene A., Kenneth W. Stockman, and Hermann A. Hofmeister, 1966, The role of shell material in the natural sand replenishment cycle of the beach and nearshore area between Lake Worth Inlet and the Miami ship channel.
- Swain, A., 1988, Port of Miami inlet dynamics: in Hydrodynamics and sediment dynamics of tidal inlets (New York: Springer-Verlag), pages 88 - 102.

Taylor, R. B., and Robert G. Dean, 1974, Exchange characteristics of tidal inlets: Proceedings of the Fourteenth International Conference on Coastal Engineering, pages 2268 - 2289.

United States Army Corps of Engineers, Beach Erosion Board, July, 1937, Offshore study by Beach Erosion Board at Miami Beach: Shore and Beach, volume 5, number 3, pages 73 - 77.

United States Army Corps of Engineers, Jacksonville District, 1957, Survey review report on Miami Harbor, Florida.

United States Army Corps of Engineers, Jacksonville District, May, 1958, Survey report on Bakers Haulover Inlet, Florida: Serial number 44.

United States Army Corps of Engineers, Jacksonville District, 1961, Beach erosion control report on cooperative study of Virginia Key and Key Biscayne, Florida.

United States Army Corps of Engineers, Jacksonville District, August, 1962 (revised April, 1963), Survey report on hurricane protective measures for Biscayne Bay, Florida.

United States Army Corps of Engineers, Jacksonville District, June, 1965, Dade County, Florida, beach erosion control and hurricane protection report.

United States Army Corps of Engineers, Jacksonville District, October, 1965, Report on flood of 7-9 September, 1965 in central and southern Florida (hurricane Betsy).

United States Army Corps of Engineers, Jacksonville District, November, 1967, Detailed project report on Cape Florida State Park.

United States Army Corps of Engineers, Jacksonville District, February, 1968, General and detail design memorandum, Virginia Key and Key Biscayne, Florida, beach erosion control.

United States Army Corps of Engineers, Committee on Tidal Hydraulics, 1971, Miami Harbor, Florida: in Estuarine navigation projects, technical bulletin 17.

United States Army Corps of Engineers, Jacksonville District, February, 1972, Detail design memorandum, Virginia Key and Key Biscayne, Florida, beach erosion control project, second periodic nourishment and groins, Virginia Key.

United States Army Corps of Engineers, Board of Engineers for Rivers and Harbors, 1974, The ports of Miami, Port Everglades, and Palm Beach, Florida: Port series 16.

United States Army Corps of Engineers, Jacksonville District
April, 1975 (revised December, 1975), Final environmental
impact statement, beach erosion control and hurricane
protection project, Dade County, Florida.

United States Army Corps of Engineers, Jacksonville District
July, 1977, Section 103, detailed project report for beach
erosion control, Key Biscayne, Florida.

United States Army Corps of Engineers, Jacksonville District
July 1978, Beach erosion control and hurricane protection
study for Dade County, Florida, north of Haulover Beach
Park, reconnaissance report - 13017 (stage 1).

United States Army Corps of Engineers, Jacksonville District
August, 1979, Beach erosion control and hurricane protection
study for Dade County, Florida, north of Haulover Beach
Park, stage 2 documentation.

United States Army Corps of Engineers, Jacksonville District
October, 1979, Beach erosion and hurricane protection
project, Dade County, Florida.

United States Army Corps of Engineers, Jacksonville District
April, 1981, Beach erosion control and hurricane protection
study for Dade County, Florida, north of Haulover Beach
Park, survey report and EIS supplement.

United States Army Corps of Engineers, Jacksonville District
May, 1984, Section 103 detailed project report and
environmental impact statement for Key Biscayne, Florida.

United States Army Corps of Engineers, Jacksonville District
June, 1984, Dade County, Florida, beach erosion control and
hurricane surge protection project, general design
memorandum, addendum II (first renourishment).

Von Oesen, Henry M., 1973, A beach restoration project study Biscayne
Harbor Village, Florida: Shore and Beach, volume 41, number
2, page 3.

Wanless, Harold R., April, 1976, Man's impact on sedimentary
environments and processes: University of Miami sea grant
special report number 5, pages 287 - 299.

Wanless, Harold R., 1976, Geologic setting and recent sedimentation
of the Biscayne Bay region, Florida: Rosenstiel School of
Marine and Atmospheric Science, University of Miami.

Wanless, Harold R., March, 1988, An evaluation of the past
present, and future shore conditions on Key Biscayne
southeast Florida: Rosenstiel School of Marine and
Atmospheric Science, University of Miami.

Wanless, Harold R., and Randall W. Parkinson, March, 1989, Late Holocene sea level history of southern Florida: control on coastal stability: Proceedings of the Eighth Symposium on Coastal Sedimentology, pages 197 - 213.

Wheelan, E. P., 1926, Hurricane scenes: Miami disaster in picture.

Zurwelle-Whittaker, Inc. and Henry Von Oesen and Associates, Inc., December, 1970, Preliminary engineering report, beach restoration project, Bal Harbour Village, Florida.

MONROE COUNTY

- Ball, M. M., June, 1967, Carbonate sand bodies of Florida and the Bahamas: *Journal of Sedimentary Petrology*, volume 37, pages 556 - 591.
- Ball, M. M., E. A. Shinn, and K. W. Stockman, 1967, The geologic effects of hurricane Donna in south Florida: *Journal of Geology*, volume 75, number 5, pages 583 - 597.
- Balsillie, James H., Robert S., Wilkerson, and John D. Wilson, May, 1980, Analysis of the hurricane emergency response capabilities in the Florida Keys: Florida Bureau of Disaster Preparedness.
- Balsillie, James H., and Ralph R. Clark, March, 1992, The gulf coast of Florida: overview of physiography, geology, and historical shoreline change: Florida Department of Natural Resources, Division of Beaches and Shores.
- Basan, P., 1973, Aspects of sedimentation and development of carbonate bank in the Barracuda Keys, South Florida: *Journal of Sedimentary Petrology*, volume 43, pages 42 - 53.
- Benham, S. R., et al., 1970, A carbonate sand beach, Bahia Honda, Florida: *Geological Society of America Abstracts with Programs*, volume 2, pages 194.
- Blanton, J. O., J. B. Opdyke, and M. Stuiver, September, 1966, Report on damage survey along southeast coast of Florida after hurricane Betsy: Coastal Engineering Laboratory, University of Florida (65/005).
- Bond, Paulette A., 1986, Carbonate rock environments of south Florida: *Southeastern Section Geological Society of America centennial field guide*, volume 6, pages 345 - 349.
- Carballo, Jose D., Lynton S. Land, and Donald E. Miser, January 1987, Holocene dolomitization of supratidal sediments by active tidal pumping, Sugarloaf Key, Florida: *Journal of Sedimentary Petrology*, volume 57, number 1, pages 153 - 161.
- Case, Robert A., and Harold P. Gerrish, 1986, North Atlantic tropical cyclones, 1985: National Hurricane Center, National Oceanic and Atmospheric Administration.
- Case, Robert A., 1988, North Atlantic tropical cyclones, 1985: National Hurricane Center, National Oceanic and Atmospheric Administration.
- Clark, Ralph R., March, 1986, Hurricane Kate, November 15 - 21, 1985: Beaches and Shores poststorm report number 86-1.

Clark, Ralph R., March, 1990, The carbonate beaches of Florida - an inventory of Monroe County beaches: Beaches and shores technical and design memorandum 90-1.

Coastal Engineering Laboratory, University of Florida, 1959, Report on construction of a 1025 foot pier in the Straits of Florida, Key West (59/019).

Coastal Technology Corporation, October, 1987, Shoreline and marina channel renovation alternatives at Bahia Honda State Recreation Area, Monroe County, Florida.

Coastal Technology Corporation, October, 1987, Shoreline renovation alternatives at Fort Zachary Taylor State Historic Site, Key West, Florida.

Davis, John J., Jr., November, 1942, The ecology of the vegetation and topography of the Sand Keys of Florida: Carnegie Institute of Washington, Papers from Tortugas Laboratory, publication 524, volume 33, pages 113 - 195.

Falls, Darryl L., and Daniel A. Textoris, 1970, Size, grain type, and mineralogical relationships in recent marine calcareous beach sands: Geological Society of America Abstracts, page 208.

Fleece, James B., 1962, The carbonate geochemistry and sedimentology of the Keys of Florida Bay, Florida: Florida State University, masters thesis.

Florida Department of Natural Resources, Division of Beaches and Shores, February, 1990, Florida's beach restoration management plan for planning districts I, II, and V.

Fowler, Michael L., et al., 1970, Biota and sediment in a small lagoon on Big Pine Key, Florida: Geological Society of America Abstracts, page 210.

Fowler, T. A., 1977, Local variations in the modern carbonate depositional environment, Bahia Honda Key, Florida: University of Texas at Arlington, masters thesis.

Ginsberg, R. N., 1953, Beachrock in south Florida: Journal of Sedimentary Petrology, volume 23, number 2, pages 85 - 92.

Ginsberg, R. N., 1953, Interidal erosion on the Florida Keys: Bulletin of Marine Science, volume 3, number 1, pages 55 - 69.

Hoffmeister, J. E., et al., November, 1964, Living and fossil reef types of south Florida: a guidebook for the Geological Society of America Convention, field trip number 3.

United States Army Corps of Engineers, Jacksonville District
1957, Beach erosion control report on cooperative study
Key West, Florida.

United States Army Corps of Engineers, Jacksonville District
June, 1958, Key West, Florida, beach erosion control study
House document number 413, 85th Congress, 2nd Session.

United States Army Corps of Engineers, Jacksonville District
November, 1961, Survey review report on Key West Harbor
Florida.

United States Army Corps of Engineers, Jacksonville District
October, 1965, Report on flood of 7 - 9 September, 1965
central and southern Florida (hurricane Betsy).

United States Army Corps of Engineers, Jacksonville District
February, 1982, (revised April 1983), Feasibility report for
beach erosion control with accompanying environmental impact
statement for Monroe County, Florida.

Wanless, Harold R., March, 1989, Late Holocene MSL history and
coastal stability: Proceedings of the Eighth Coastal
Sedimentology Symposium.

Warnke, Detlef A., V. Goldsmith, P. Grose, and J. J. Holt, April
1966, Drastic beach changes in a low-energy environment
caused by hurricane Betsy: Journal of Geophysical Research
volume 72, number 6, pages 2013 - 2016.

GENERAL FLORIDA COAST

- Adams, James W. R., October, 1978, Rebuilding the beaches of Florida: Papers presented at Beach Seminar '78, Florida sea grant college program, technical paper number 7, pages 102 - 119.
- Adams, James W. R., July, 1980, David and the beaches: Shore and Beach, volume 48, number 3, pages 3 - 5.
- Adams, James W. R., April, 1981, Florida's beach program at the crossroads: Shore and beach, volume 49, number 2.
- Alt, D., and H. K. Brooks, March, 1965, Age of the Florida marine terraces: Journal of Geology, volume 73, number 2, pages 406 - 411.
- Angas, Robert M., July, 1933, Erosion and accretion on the coast of north Florida and Georgia: Shore and Beach, pages 46 - 50.
- Austin, Herbert M., 1970, Shell debris and shoreline energy on Florida Gulf beaches: Quarterly Journal of the Florida Academy of Sciences, volume 33, pages 90 - 96.
- Arthur, Jonathan D., Joseph Applegate, Shekhar Melkote, and Thomas M. Scott, 1986, Heavy mineral reconnaissance off the coast of the Apalachicola River delta, northwest Florida: Florida Department of Natural Resources, Bureau of Geology, report of investigation number 95.
- Ball, M. M., E. A. Shinn, and K. W. Stockman, 1967, The geological effects of hurricane Donna in south Florida: Journal of Geology, volume 75, pages 583 - 597.
- Balsillie, James H., Deborah E. Athos, Harold N. Bean, Ralph R. Clark, and Lonnie L. Ryder, May, 1983, Florida's program of beach and coast preservation: Proceedings of a National Symposium on Preventing Coastal Flood Disaster, Ocean City, Maryland, pages 109 - 122.
- Balsillie, James H., and R. W. G. Carter, 1984, The visual estimation of shore-breaking wave heights: Coastal Engineering, volume 8, pages 367 - 385.
- Balsillie, James H., May, 1985, Verification of the MSBWT numerical model: coastal erosion from four climatological events and littoral wave activity from three storm damaged piers: Beaches and shores technical and design memorandum number 85-2.

- Balsillie, James H., and Brett D. Moore, July, 1985, A primer on the applications of beach and coast erosion to Florida coastal engineering and regulation: Beaches and Shores technical and design memorandum number 85-3.
- Balsillie, James H., October, 1986, Beach and coastal erosion due to extreme event impact: Shore and Beach, volume 5, number 4, pages 22 - 37.
- Balsillie, James H., J. G. Carlen, and Thomas M. Watters, March, 1987, Transformation of historical shorelines to current NGVD position for the Florida east coast: Beaches and shores technical and design memorandum number 87-1.
- Balsillie, James H., J. G. Carlen, and Thomas M. Watters, June, 1987, Transformation of historical shorelines to current NGVD position for the Florida lower Gulf coast: Beaches and shores technical and design memorandum number 87-3.
- Balsillie, James H., J. G. Carlen, and Thomas M. Watters, July, 1987, Transformation of historical shorelines to current NGVD position for the Florida panhandle Gulf coast: Beaches and shores technical and design memorandum number 87-4.
- Balsillie, James H., February, 1988, Florida's beach and coast preservation program: an overview: Beaches and shores special report number 88-2.
- Balsillie, James H., and Ralph R. Clark, March, 1992, The gulf coast of Florida: overview of physiography, geology, and historical shoreline change: Florida Department of Natural Resources, Division of Beaches and Shores.
- Blackman, B., and C. P. Lindner, 1951, Harbor and coastal problems on the east Gulf coast: Proceedings of the Second Conference on Coastal Engineering, pages 226 - 235.
- Bodge, Kevin R., and Douglas S. Rosen, March, 1988, Offshore sand sources for beach nourishment in Florida: Part 1: Atlantic Coast: Proceedings of the National Beach Preservation Technology Conference, pages 175 - 189.
- Brenneman, L., and W. F. Tanner, 1958, Possible abandoned barrier islands in panhandle of Florida: Journal of Sedimentary Petrology, volume 28, pages 342 - 344.
- Brooke, Mark M., February, 1928, Shore preservation in Florida: the Florida Engineer and Contractor.
- Brooke, Mark M., October, 1937, Shore preservation in Florida, 1927: Shore and Beach, volume 2, number 4, pages 151 - 154.

- Bruun, Per, 1955, Coastal development and coastal protection with special reference to conditions in Florida: Coastal Engineering Laboratory, University of Florida, EIES bulletin 76 (55/003).
- Bruun, Per, F. Gerritsen, and W. H. Morgan, 1958, Florida coastal problems: Proceedings of the Sixth Conference on Coastal Engineering, pages 463 - 509.
- Bruun, Per, T. Y. Chiu, F. Gerritsen, and W. H. Morgan, 1962, Storm tides in Florida as related to coastal topography: Coastal Engineering Laboratory, University of Florida, EIES bulletin 109.
- Bruun, Per, W. H. Morgan, and James A. Purpura, November, 1962, Review of beach erosion and storm tide conditions in Florida 1961 - 1962: Coastal Engineering Laboratory, University of Florida, technical progress report number 13 (62/004).
- Bruun, Per, 1963, Coastal engineering investigation from ocean poles, towers, and piers with special reference to Florida: Coastal Engineering Laboratory, University of Florida (63/008).
- Bruun, Per, and Medhav Manohar, 1963, Coastal protection for Florida, development and design: Coastal Engineering Laboratory, University of Florida, EIES bulletin 113 (63/004).
- Bruun, Per, 1964, Coastal protection procedures with special reference to conditions in Florida: Coastal Engineering Laboratory, University of Florida, EIES bulletin 118 (64/012).
- Bruun, Per, and F. Gerritsen, 1964, Dutch and Florida practices on revetment design: Proceedings of the Ninth Conference on Coastal Engineering, pages 472 - 489.
- Bruun, Per, 1967, By-passing and back-passing with reference to Florida: American Society of Civil Engineers, Journal of the Waterways and Harbors Division, volume 93, number WW2, pages 101 - 128.
- Bruun, Per, 1968, Tidal inlets and littoral drift: University Book Company, Oslo.
- Bruun, Per, 1975, Port engineering: Gulf Publishing Company.
- Bruun, Per, A. J. Mehta, and I. G. Jonsson, 1978, Stability of tidal inlets: Elsevier, Amsterdam.

- Bullard, Lacy F., and James B. Harrell, January, 1979, Coastal plants of Florida, a key to good management: Florida Department of Agriculture and Consumer Services, Division of Forestry.
- Bundy, Otto M., 1982, Using vegetation to help preserve your beach and dunes: Proceedings of the Annual Meeting of the Florida Shore and Beach Preservation Association, pages 91 - 93.
- Bundy, Otto M., 1984, Beach and dune revegetation and monitoring techniques: Proceedings of the Annual Meeting of the Florida Shore and Beach Preservation Association, pages 49 - 58.
- Calinski, Mike, February, 1991, Beach farms: converting "greenhouse gases" and water pollution by-products into carbonate beach sand: Proceedings of the Fourth Annual National Conference on Beach Preservation Technology.
- Callahan, John J., 1980, Florida's borrowed beach, holding the waves at bay: Oceans, number 2, pages 62 - 64.
- Campbell, Kenneth M., 1984, A geologic guide to the state parks of the Florida panhandle coast: Florida Department of Natural Resources, Bureau of Geology, leaflet number 13.
- Campbell, Thomas J., Richard H. Spadoni, Kim Beachler, and J. Morgan, 1980, Planning for beach restoration in southern Florida: American Society of Civil Engineers, volume 2, pages 1,319 - 1,330.
- Campbell, Thomas R., 1992, The magnitude of the problem: in The environmental and economic status of the Gulf of Mexico, December 2 - 5, 1990, New Orleans, pages 81 - 82.
- Clark, Ralph R., February, 1981, The Florida tide: Geojourneys, volume 1, number 4, pages 10 - 12.
- Clark, Ralph R., February, 1989, Beach conditions in Florida - a statewide inventory and identification of the beach erosion problem areas in Florida for beach management planning: Proceedings of Beach Preservation Technology '89, pages 219 - 228.
- Clark, Ralph R., 1992, Beach management - the planning process: in The environmental and economic status of the Gulf of Mexico, December 2 - 5, 1990, New Orleans, p. 85 - 87.
- Coastal Engineering Laboratory, University of Florida, 1956, Beach erosion problems in Florida: how to handle them (56/003).

Coastal Engineering Laboratory, University of Florida, 1957, Report on "Studies and recommendations for the control of beach erosion in Florida" (57/002).

Coastal Engineering Laboratory, University of Florida, 1957, Studies and recommendations for the control of beach erosion in Florida (57/007).

Coastal and Oceanographic Engineering Laboratory, University of Florida, 1973, Field and mobile station: summary of information regarding field station site (73/022).

Cooke, C. W., September, 1945, Geology of Florida: Florida Geological Survey, geological bulletin number 29.

Cragg, John, Gary Mitchum, and W. Sturges, Wind-induced sea surface slopes on the west Florida shelf: Journal of Physical Oceanography, volume 13, pages 2201 - 2212.

Craig, Robert M., August, 1984, Plants for coastal dunes of the Gulf and South Atlantic coasts and Puerto Rico: United States Department of Agriculture, Soil Conservation Service, agriculture information bulletin 460.

Davis, John J., 1975, Stabilization of beaches and dunes by vegetation in Florida: University of Florida, Florida sea grant report number 7.

Davis, Ricard A., Jr., January, 1988, Morphodynamics of the west-central Florida barrier system: the delicate balance between wave and tide-domination: Proceedings of the KNGMG Symposium on Coastal Lowlands, Geology, and Geotechnology, pages 225 - 235.

Davis, Richard A., Jr., July, 1989, Management of drumstick barrier islands: American Society of Civil Engineers, Barrier Islands Process and Management, pages 1 - 16.

Davis, Richard A., and James C. Gibeaut, January, 1990, Historical morphodynamics of inlets in Florida: Florida sea grant program, technical paper 55.

Dean, Robert G., 1967, Coastal engineering problems in the state of Florida: Coastal and Oceanographic Engineering Department, University of Florida (87/017).

Dean, Robert G., and Morrough P. O'Brien, 1987, Florida's west coast inlets: shoreline effects and recommended action: Coastal and Oceanographic Engineering Department, University of Florida (87/018).

- Dean, Robert G., and Morrough P. O'Brien, December, 1988, Florida's east coastal inlets, shoreline effects and recommended action: Coastal and Oceanographic Engineering Department, University of Florida (87/017).
- Demirpolat, Suleyman, William F. Tanner, H. Orhan, Stephen Hodge, and M. A. Knoblauch, July, 1989, High-precision study of Florida shoreline changes: American Society of Civil Engineers, Proceedings of Coastal Zone '89, pages 683 - 691.
- Dial, R. Steve, Donald Deis and Robert Clinger, 1987, Research and monitoring criteria development for Florida's statewide beach restoration initiative: American Society of Civil Engineers, Proceedings of Coastal Zone '89, pages 2345 - 2345.
- Doyle, Larry J., Orrin H. Pilkey, et al. 1984, Living with the west Florida shore: Duke University Press.
- Duane, David B., April, 1968, Sand inventory program in Florida Shore and Beach, volume 36, number 1, pages 12 - 15.
- Dunn, Gordon E., et al, November, 1967, Florida hurricane United States Department of Commerce, National Hurricane Center, technical memorandum WBTM SR-38.
- Durham, Donald L., Lyndell Z. Hales, and Thomas W. Richardson, 1981, Beach nourishment techniques: report 4: water climates for selected U.S. offshore beach nourishment projects: United States Army Corps of Engineers, Waterways Experiment Station, technical report H-76-13.
- Evans, Mark W., and Albert C. Hine, February, 1983, Basic controls of barrier island evolution: Proceedings of a symposium on the crisis of our beaches, pages 21 - 40.
- Everts, Criag H., April, 1978, Geometry of profiles across innercontinental shelves of the Atlantic and Gulf coasts of the United States: United States Army Corps of Engineers Coastal Engineering Research Center, technical paper number 78-4.
- Federal Emergency Management Agency, October, 1985, Interagency hazard mitigation team report for Florida in response to September 12, 1985, disaster declaration, FEMA-743-DR-FL.
- Fineren, W. W., 1920, Conditions adverse to harbor construction on the Florida east coast: Florida Engineering Society Year Book, 1920, pages 14 - 27.
- Fineren, W. W., 1938, Early attempts at inlet construction on Florida east coast: Shore and Beach, pages 89 - 91.

Fischer, David W., et al, 1985, Florida's sandy beach - an access guide: University of West Florida Press.

Fischer, David W., Gregory W. Stone, James P. Morgan, 1986, Integrated multidisciplinary information for coastal management, Florida: Journal of Coastal Research, volume 2, number 4, pages 437 - 447.

Florida Beach and Inlet Task Force, August, 1978, Beach and inlet task force report: Florida Department of Administration, Division of State Planning.

Florida Department of Natural Resources, Bureau of Beaches and Shores, September, 1973, Summary report on beach conditions in Florida.

Florida Department of Natural Resources, Division of Beaches and Shores, Office of Beach Erosion Control, June, 1984, Beach restoration: a historical overview.

Florida Department of Natural Resources, Division of Beaches and Shores, April, 1985, Beach restoration: a state initiative.

Florida Department of Natural Resources, Division of Beaches and Shores, March, 1986, A proposed comprehensive beach management program for the State of Florida.

Florida Department of Natural Resources, Division of Beaches and Shores, May, 1986, Maintenance dredging and sediment disposal, Florida's federally maintained east coast inlets, 1980 - 1985.

Florida Department of Natural Resources, January, 1988, Florida's beach restoration management plan for beach management planning districts III, IV, and VI.

Florida Department of Natural Resources, February, 1990, Florida's beach restoration management plan for planning districts I, II, and V.

Foxworth, Judith J., March, 1988, Publications list, Coastal Engineering Archives bibliography: Coastal and Oceanographic Engineering Department, University of Florida (88/002).

Gannon, Patrick T., Sr., September, 1978, Influence of earth surface and cloud properties on the south Florida sea breeze: United States Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, technical report ERL 402-NHEML 2.

- Gibeaut, James C., and Ricard A. Davis, Jr., March, 1988
Morphodynamic classification of tidal inlets: Proceeding
of the National Beach Preservation Technology Conference
pages 221 - 229.
- Gorroe, 1854, On changes of level of the west coast of Florida
Boston Society of Natural History Proceedings, volume 4
pages 391 - 392.
- Gorsline, D. S., 1964, Beach studies in west Florida
Oceanographic Institute, Florida State University
contribution number 194.
- Gorsline, D. S., 1966, Dynamic characteristics of west Florida
Gulf coast beaches: Journal of Marine Geology, volume 4
number 3, pages 187 - 206.
- Gould, Howard R., and Robert H. Steward, 1955, Continental
terrace sediments in the southeastern Gulf of Mexico
Finding Ancient Shorelines (a symposium with discussions)
Society of Economic Paleontologists and Mineralogists
special publication number 3, pages 2 - 20.
- Graham, Howard E., and Dwight E. Nunn, November, 1959
Meteorological considerations pertinent to standard projec
hurricane, Atlantic and Gulf coasts of the United States
United States Department of Commerce, National Hurrican
Research Project, report number 33.
- Gray, R. W., January, 1933, Florida hurricanes: Monthly Weathe
Review, volume 61, number 1.
- Hallermeier, Robert J., and Perry E. Rhodes, September, 1986
Description and assessment of coastal dune erosion
Dewberry and Davis, report for the Federal Emergenc
Management Agency.
- Hansen, Howard J., 1947, Beach erosion studies in Florida
Engineering and Industrial Experiment Station, University o
Florida, bulletin 16 (47/001).
- Healy, Henry G., 1975, Terraces and shorelines of Florida
Florida Department of Natural Resources, Bureau of Geology
map series number 71.
- Henningsen, Don, August, 1981, Phase one final report of th
comprehensive erosion control, beach preservation an
hurricane protection plan for the State of Florida
Political Science Department, University of West Florida.
- Hicks, Stacy D., and Leonard E. Hickman, Jr., July, 1988, Unite
States sea level variations through 1986: Shore and Beach
volume 56, number 3.

- Hine, Albert C., III, David L. Mearns, Richard A. Davis, Jr. and Michael Bland, 1986, Impact of Florida's Gulf coast inlets on the coastal sand budget: Department of Marine Science and Geology, University of South Florida.
- Ho, Francis P., and Robert J. Tracey, April, 1975, Storm tide frequency analysis for the Gulf coast of Florida from Cape Sand Blas to St. Petersburg Beach: United States Department of Commerce, National Oceanic and Atmospheric Administration, technical memorandum NWS HYDRO-20.
- Ho, Francis P., et al., May, 1975, Some climatological characteristics of hurricanes and tropical storms, Gulf and east coasts of the United States: United States Department of Commerce, National Oceanic and Atmospheric Administration, technical report NWS 15.
- Hobbs, Andrew P., May, 1988, Historical overview of federal beach nourishment projects in Florida: United States Army Corps of Engineers, Jacksonville District.
- Howell, G. L., March, 1980, Florida coastal data network: Proceedings of the Seventeenth International Conference on Coastal Engineering, pages 421 - 431.
- Howze, James Alexander, 1950, A study of beach erosion in Florida: University of Florida, masters thesis.
- Hsu, K. J., 1960, Texture and mineralogy of the recent sands of the Gulf coast: Journal of Sedimentary Petrology, volume 30, pages 380 - 403.
- Hughes, Steve A., and T. Y. Chiu, 1978, , the variations in beach profiles when approximated by a theoretical curve: Coastal and Oceanographic Engineering Department, University of Florida, technical report number 39.
- Hurricane Study Committee, 1965, Florida hurricane survey report 1965.
- Isphording, Wayne C., 1970, Origin of the post-Oligocene sediments of the Florida platform: Geological Society of America Abstracts, page 221.
- Jensen, R. E., 1983, Atlantic coast hindcast, shallow-water, significant wave information: Hydraulics Laboratory, United States Army Engineer Waterways Experiment Station, WIS report 9.
- Jones, Christopher P., and Ashish J. Mehta, November, 1977, A comparative review of sand transfer systems at Florida's tidal entrances: American Society of Civil Engineers, Proceedings of Coastal Sediments '77, pages 48 - 66.

- Jones, Christopher P., and Ashish J. Mehta, 1980, Inlet sand bypassing systems in Florida: Shore and Beach, volume 4 number 1, pages 25 - 34.
- Jones, Christopher P., February, 1983, The effects of man activities on natural beach profiles: Proceedings of symposium on the crisis of our beaches, pages 43 - 61.
- Kurz, Herman, 1942, Florida dunes and scrub, vegetation and geology: Florida Geological Survey, bulletin number 23.
- Kwan, Hyuck J., December, 1969, Barrier islands of the northern Gulf of Mexico coast: sediment source and development. Coastal Studies Institute, Louisiana State University, technical report number 75.
- Landrum, Ney C., October, 1961, Problems of coastal development in Florida: Shore and Beach, pages 27 - 32.
- Lazarus, M., and Charles L. Nowlin, 1966, Effect of wave action on tidal stages along the coast of Florida, March, 1966. United States Army Corps of Engineers, Coastal Engineering Research Center, bulletin and summary of research progress, pages 1 - 10.
- Leadon, Mark E., June, 1983, Use of inlet sand for beach nourishment in Florida: Proceedings of the Third Symposium on Coastal and Ocean Management, San Diego, California, pages 2378 - 2386.
- Lee, Emmett C., March, 1973, Beach and inlet conditions, Nassau through Brevard Counties, Florida: United States Army Corps of Engineers, Jacksonville District.
- Lin, Li-Hwa, and Hsiang Wang, March, 1988, Nearshore wave information along the Florida coast: Proceedings of the National Beach Preservation Technology Conference, pages 189 - 201.
- Lipp, Morris N., 1935, Coast protection projects between Miami Beach and Palm Beach: Shore and Beach, volume 3, number 1, page 46.
- Lipp, Morris N., 1953, Some practical facts about beach erosion in Florida: Proceedings of the American Society of Civil Engineers, Waterways Division, volume 79, separate number 238.
- Locker, S. D., K. T. Logue, and Larry J. Doyle, October, 1988, Neogene stratigraphy, bedforms, and surface sediment in northwest Florida state waters: Center for Nearshore Marine Science, University of South Florida.

- Lowman, S. W., 1949, Sedimentary facies in the Gulf coast: Bulletin of the American Association of Petroleum Geologists, volume 33, pages 1939 - 1997.
- Lowman, S. W., 1951, The relationship of the biotic and lithic facies in recent Gulf coast sedimentation: Journal of Sedimentary Petrology, volume 21, pages 233 - 239.
- Lurie, Patricia L., 1970, A study of the surface textures of sand grains from the Atlantic continental margin for use of the transmission electron microscope.
- MacNeil, F. Stearns, 1949, Pleistocene shore lines in Florida and Georgia: United States Department of the Interior, Geological Survey Professional Paper 221-F.
- Marino, James N., and Ashish J. Mehta, July, 1986, Sediment volumes around Florida's east coast tidal inlets, final report: Coastal and Oceanographic Engineering Department, University of Florida (86/009).
- Martens, James H. C., 1928, Beach deposits of ilmenite, zircon, and rutile in Florida: Florida Geological Survey, 19th annual report.
- Martens, James H. C., 1928, Sand and gravel deposits in Florida: Florida State Geological Survey.
- Martens, James H. C., 1931, Beaches of Florida: Florida Geological Survey, 21st and 22nd annual reports, pages 67 - 199.
- Martens, James H. C., July, 1934, Characteristics of beaches suitable for motoring: Shore and Beach, volume 2, number 3, pages 122 - 124.
- Martin, Tom, November, 1991, Trip report: storm damage inspection - east coast of Florida, November 2 - 4, 1991: United States Army Corps of Engineers, Jacksonville District.
- McBride, Randolph A., 1987, Tidal inlet history, morphology, and stability, eastern coast of Florida, U.S.A.: American Society of Civil Engineers, Proceedings of Coastal Sediments 87, pages 1592 - 1607.
- McMurry, J. H., 1958, Shoretype classification of the Gulf coast of Florida: Michigan Academy of Science Papers, volume 43, pages 259 - 266.
- Meisburger, Edward P., and David B. Duane, 1969, Shallow structural characteristics of Florida Atlantic shelf as revealed by seismic reflection profiles: Transactions of the Gulf Coast Association of Geological Societies, volume 19, pages 207 - 215.

- Meisburger, Edward P., June, 1989, Shore normal distribution of heavy minerals on ocean beaches: southeast Atlantic coast United States Army Corps of Engineers, Coastal Engineering Research Center, miscellaneous paper number MP CERC-89-8.
- Meisburger, Edward P., July, 1989, Oolites as a natural tracer in beaches of southeastern Florida: United States Army Corps of Engineers, Coastal Engineering Research Center miscellaneous paper number MP CERC-89-10.
- Milliman, J. D., 1972, Atlantic continental shelf and slope of the United States: petrology of the sand fraction of sediments, northern New Jersey to southern Florida: United States Geological Survey, professional paper 519-J.
- Morgan, James P., and Gregory W. Stone, 1984, A geomorphic evaluation of Florida's sand beaches methodology Proceedings of the Annual Meeting of the Florida Shore and Beach Preservation Association, pages 6 - 18.
- Morgan, James P., and Gregory W. Stone, 1985, A technique for quantifying the coastal geomorphology of Florida's barrier islands and sandy beaches: Shore and Beach, volume 53 number 1, pages 19 - 26.
- Murali, R. S., January, 1977, Attenuation of waves: influence of marsh grass, sea weed, and artificial grass: Proceedings of the Fourth Symposium on Coastal Sedimentology.
- Murali, R. S., January, 1977, Wave energy dissipation and sea level changes on the "zero energy" coast of Florida Proceedings of the Fourth Symposium on Coastal Sedimentology.
- Niedoroda, Alan W., and D. Max Sheppard, December, 1989, The physical effects of vegetation on coastal dune systems in Florida.
- Neuman, Charles J., Brian R. Jarvinen, Arthur C. Pike, and Joe D. Elms, September, 1987, Tropical cyclones of the north Atlantic Ocean, 1871 - 1986: United States Department of Commerce, National Climatic Data Center in cooperation with the National Hurricane Center, third revision.
- O'Brien, Morrough P., and Robert G. Dean, July, 1972, Hydraulic and sedimentary stability of coastal inlets: Proceedings of the Thirteenth Coastal Engineering Conference, pages 761 - 780.
- O'Brien, Morrough P., and Ralph R. Clark, November, 1973, Hydraulic constants of tidal entrances I: data from NOAA tide tables, current tables, and navigation charts: Coastal and Oceanographic Engineering Department, University of Florida, technical report number 21.

- O'Brien, Morrough P., and Ralph R. Clark, June, 1974, Hydraulic constants of tidal entrances: Proceedings of the Fourteenth International Conference on Coastal Engineering, pages 1546 - 1565.
- Ochi, M. K., and M-S Chiu, November, 1982, Nearshore wave spectra measured during hurricane David: Proceedings of the Eighteenth International Conference on Coastal Engineering.
- Penquite, Lethie J., Harold N. Bean, and James H. Balsillie, September, 1983, Florida coastal profile location maps: Beaches and shores technical and design memorandum number 83-2.
- Phelps, Willard B., 1940, Heavy minerals in the beach sands of Florida: Proceedings of the Florida Academy of Science, volume 5, pages 168 - 171.
- Pilkey, Orrin H., et al, 1984, Living with the east Florida shore: Duke University Press.
- Pirkle, E. C., W. H. Yoho, and C. W. Hendry, Jr., 1970, Ancient sea level stands in Florida: Florida Department of Natural Resources, Bureau of Geology, geological bulletin number 52.
- Purpura, James A., 192, Establishment of a coastal setback line in Florida: Proceedings of the Thirteenth Coastal Engineering Conference, volume 2, chapter 88, pages 1599 - 1615.
- Purpura, James A., and William M. Sensabaugh, 1974, Coastal construction setback line: Florida Marine Advisory Program, SUSG-SG-74-002.
- Russell, R. J., 1971, Florida beaches and cemented water-table rocks: Coastal Studies Institute, Louisiana State University, technical report 88.
- Saffer, Parke E., 1955, A preliminary investigation of river and beach samples collected in the State of Florida, Georgia, and Alabama: Florida State University, masters thesis.
- Saloman, Carl H., April, 1975, A selected bibliography of the nearshore environment: Florida west coast: United States Army Corps of Engineers, Coastal Engineering Research Center, miscellaneous paper number 5-75.
- Sargent, Francis E., September, 1988, Case histories of Corps breakwater and jetty structures: United States Army Corps of Engineers, Coastal Engineering Research Center, technical report REMR-CO-3.

- Schmidt, David V., Mitchell A. Granat, and Ralph R. Clay
February, 1992, Early findings of the coast of Florida
erosion and storm effects study: Proceedings of the Fifth
Annual National Conference on Beach Preservation Technology
- Scholl, D. W., and M. Stuiver, April, 1967, Recent submergence
south Florida: a comparison with adjacent coasts and other
eustatic data: Bulletin of the Geological Society of
America, volume 78, pages 437 - 454.
- Scholl, D. W., F. C. Craighead, and M. Stuiver, 1969, Florida
submergence curve revisited: its relation to coast
sedimentation rates: Science, volume 163, pages 562 - 564
- Sensabaugh, William M., James H. Balsillie, and Harold N. Bea
November, 1977, A program of coastal data acquisition
American Society of Civil Engineers, Proceedings of Coastal
Sediments '77, pages 1073 - 1085.
- Shepard F. P., 1960, Gulf coast barriers: proceedings
symposium on recent sediments, northwest Gulf of Mexico
American Association of Petroleum Geologists, pages 197
220.
- Stapor, Frank W., Jr., 1980, The nature of long-term littoral
transport along the northeast Florida coast, as deduced from
beach and dune sand characteristics: Proceedings of the
Fifth Symposium on Coastal Sedimentology, Geological
Department, Florida State University, pages 1 - 29.
- Stauble, Donald K., and Jeffery Hoel, June, 1986, Guidelines for
beach restoration projects, part 2 - engineering
Department of Oceanography and Ocean Engineering, Florida
Institute of Technology, Florida sea grant report number 7
- Stauble, Donald K., February, 1991, Beach nourishment sand source
inventory using a geographic information system
Proceedings of the Fourth Annual National Conference
Beach Preservation Technology.
- Stone, Gregory W., David W. Fischer, James P. Morgan, 1988
Quantifying Florida's coastal storm wave susceptibility
Proceedings of Coastal Zone '85, pages 2374 - 2388.
- Stone, Gregory W., 1984, Mathematical modeling of the nearshore
and implications for coastal management, northwest Florida
University of West Florida, unpublished masters thesis.
- Stone, Gregory W., David W. Fischer, and James P. Morgan, 1988
The variability of Florida's coasts to storm wave
susceptibility: Journal of Shoreline Management, volume
pages 81 - 104.

- Strock, Arthur V., and Arthur D. Noble, March, 1975, Artificial nourishment projects in southeast Florida: Marine Technology Society Journal, volume 9, number 3, pages 43 - 49.
- Swanson, V. E., and J. G. Palacas, 1965, Humate in coastal sands of northwest Florida: United States Geological Survey, bulletin 1214, pages 1- 29.
- Swift, Donald J. P., David B. Duane, and Orrin H. Pilkey, editors, 1972, Shelf sediment transport: process and pattern: Dowden, Hutchinson, and Ross, Inc., Stroudsburg, Pennsylvania.
- Tabb, R. P., October, 1967, Status and general aspects of beach erosion control program in Florida: Shore and Beach, volume 35, number 2, pages 24 - 27.
- Tanner, William F., 1959, Nearshore studies in sedimentology and morphology along the Florida panhandle coast: Journal of Sedimentary Petrology, volume 29, pages 564 - 574.
- Tanner, William F., 1960, Florida coastal classification: Transactions of the Gulf Coast Association of Geologic Societies, volume 10, pages 259 - 266.
- Tanner, William F., 1962, Nearly ideal draft system along Florida panhandle coast: Geological Societies of American, Special Paper number 73, abstract, page 311.
- Tanner, William F., 1987, The beach: Where is the "river of sand"?: Journal of Coastal Research, volume 3, pages 377 - 386.
- Thompson, Edward F., January, 1977, Wave climate at selected locations along U.S. coasts: United States Army Corps of Engineers, Coastal Engineering Research Center, technical report number 77-1.
- Troxler, Paul D., June, 1959, Specific shore and beach problems of Florida: Shore and Beach, volume 27, number 1, pages 27 - 31.
- Tyler, S. A., April, 1934, A study of sediments from the North Carolina and Florida coasts: Journal of Sedimentary Petrology, volume 4, number 1, pages 3 - 11.
- Uchupi, E., 1969, Morphology of the continental margin off southeastern Florida: Southeastern Geology, volume 11, number 2.

United States Army Corps of Engineers, Jacksonville District,
1984, Gulf coast passes, intracoastal waterway,
Caloosahatchee River to Anclote River, Florida, feasibility
report, improvements for small boat navigation.

United States Army Corps of Engineers, Beach Erosion Board,
January, 1948, Recent storm damage along the coasts of
Florida and Mississippi: Bulletin, volume 2, number 1.

United States Army Corps of Engineers, Jacksonville District,
July, 1956, Hurricanes affecting the Florida coast:
appraisal report.

United States Army Corps of Engineers, Jacksonville District,
September, 1961, Analysis of hurricane problems in coastal
areas of Florida.

United States Army Corps of Engineers, Jacksonville District,
September, 1961, Survey report, analysis of hurricane
problems in coastal areas of Florida.

United States Army Corps of Engineers, Jacksonville District,
January, 1965, Appraisal report on beach conditions in
Florida.

United States Army Corps of Engineers, Mobile District, 1966,
Report on hurricane survey of northwest Florida coast.

United States Army Corps of Engineers, Engineer Division, South
Atlantic, August, 1971, National shoreline study, regional
inventory report, south Atlantic-Gulf region, Puerto Rico
and the Virgin Islands.

United States Army Corps of Engineers, Jacksonville District,
1979, Navigation study for Gulf coast passes, Florida:
reconnaissance report 10107.

United States Army Corps of Engineers, Jacksonville District,
1984, Gulf coast passes, intracoastal waterway,
Caloosahatchee River to Anclote River, Florida, feasibility
report, improvements for small boat navigation.

United States Army Corps of Engineers, Coastal Engineering
Research Center, December, 1985, Estimates of hurricane
winds for the east and Gulf coasts of the United States:
Coastal engineering technical note CETN-I-36.

United States Army Corps of Engineers, Jacksonville District,
July, 1986, Coast of Florida erosion and storm effects
study, reconnaissance report.

United States Department of Commerce, National Oceanic and Atmospheric Administration, September, 1979, Meteorological criteria for standard project hurricane and probable maximum hurricane windfields, Gulf and east coasts of the United States: technical report NWS 23.

Vause, J. E., 1957, Submarine geomorphic and sedimentological investigations off part of the Florida panhandle coast: Florida State University, masters thesis.

Vause, J. E., 1959, Underwater geology and analysis of recent sediments off the northwest Florida coast: Journal of Sedimentary Petrology, volume 29, pages 555 - 563.

Vincent, Charles L., and William D. Corson, 1980, The geometry of selected U.S. tidal inlets: United States Army Corps of Engineers, Coastal Engineering Research Center, general investigation of tidal inlets report number 20.

Walton, Todd L., Jr., February, 1973, Littoral drift computations along the coast of Florida by means of ship wave observations: Coastal and Oceanographic Engineering Laboratory, University of Florida, technical report number 15.

Walton, Todd L., and William D. Adams, July, 1976, Capacity of inlet outer bars to store sand: Proceedings of the Fifteenth International Conference on Coastal Engineering, pages 1919 - 1937.

Walton, Todd L., Jr., August, 1976, Littoral drift estimates along the coastline of Florida: Coastal and Oceanographic Engineering Laboratory, University of Florida, sea grant report number 13.

Walton, Todd L., Jr., December, 1977, Beach nourishment in Florida and on the lower Atlantic and Gulf coasts: sea grant technical paper 2.

Walton, Todd L., Jr., and James A. Purpura, 1977, Beach nourishment along the southeast Atlantic and Gulf coasts: Shore and Beach, volume 45, number 3, pages 10 - 17.

Walton, Todd L., Jr., 1978, Coastal erosion, some cause and consequences, with special emphasis on the State of Florida: Marine Technology Society Journal, volume 12, number 4, pages 29 - 33.

Walton, Todd L., Jr., October, 1978, Beach erosion - long and short term implications (with special emphasis on the State of Florida): Papers presented at Beach Seminar '78, sea grant college program, technical paper number 164.

Walton, Todd L., Jr., April,
and some consequences w
Florida: Shore and Beach

Wang, Hsiang, January, 198
Proceedings of the 26th
and Beach Preservation A

Wang, Hsiang, 1985, Research
Florida erosion and
Oceanographic Engineerin
(85/003).

Wang, Hsiang, S. Schofield, 1
statistics along Florida
- 1990: Coastal and O
University of Florida.

Wang, Wei-Chi, and Hsiang Wan
of the historical shorel
southeast coast of Fl
Engineering Department,

Wanless, Harold R., Septem
coastlines: Sea Frontie
271.

Waskam, John D., 1957, Quart
depositional environmen
Florida: Florida State

Waskam, John D., 1958, Roundr
the panhandle of Florida
volume 28, number 3, pag

White, W. A., 1970, The geor
Florida Department of N
geological bulletin numb

Wilkens, Colbert W., April, 1
beach and shore erosion
Shore and Beach, volume

Work, Paul A., and Robert
adjacent to Florida's e
Oceanographic Engineerin
(90/018).

1979, Coastal erosion - some causes with special emphasis on the State of Florida, volume 47, number 2.

1983, Florida coastal data network: Annual Meeting of the Florida Shore Association, pages 142 - 154.

Opportunities and needs on coast of Florida: hurricane effects: Coastal and Oceanographic Department, University of Florida

Lin, H. and S. Malakar, 1991, Wave erosion on the coast - a compilation of data, 1984, Coastal and Oceanographic Engineering Department,

September, 1987, Data compilation of nearshore and offshore bathymetry for the State of Florida: Coastal and Oceanographic Department, University of Florida (87/015).

October, 1989, The inundation of our coasts, volume 35, number 5, pages 264 -

Grain roundness as an indicator of erosion: part of the coast of panhandle Florida: University, masters thesis.

Grain roundness as indicator along the coasts of Florida: Journal of Sedimentary Petrology, volume 51, pages 351 - 360.

Morphology of the Florida peninsula: Natural Resources, Bureau of Geology, number 51.

1936, A report on preliminary work on coastal studies in the State of Florida: Coastal and Oceanographic Department, volume 4, number 2, pages 58 - 60.

G. Dean, 1990, Shoreline changes on the east coast tidal inlets: Coastal and Oceanographic Department, University of Florida