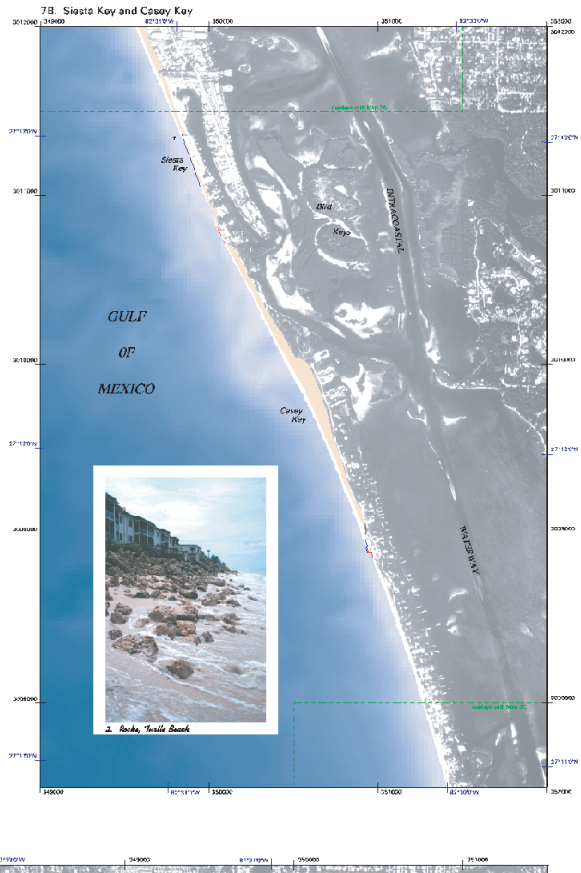
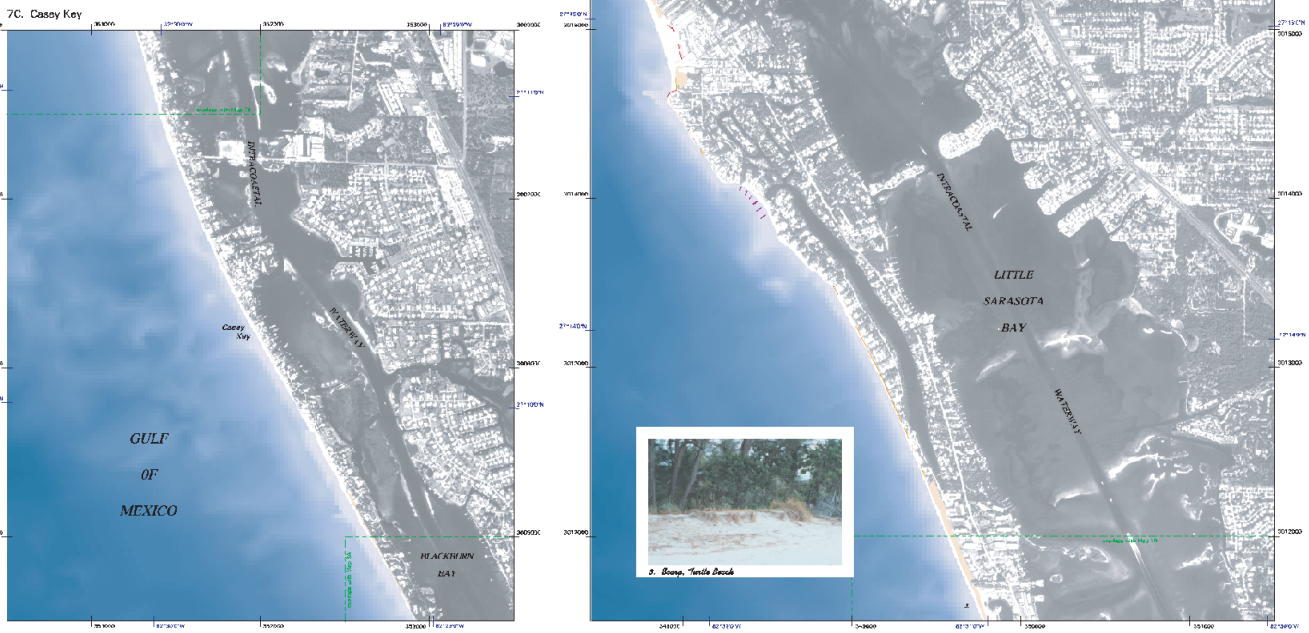
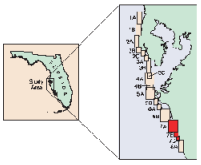
7A. Siesta Key

7B. Siesta Key and Casey Key



7C. Casey Key





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Beach Structures – Map 7

by
Guy Gelfenbaum, Kristy Guy and Kevin Geraghty
1999

Scale 1:12 000

0.5 0 0.5 1 Kilometers
0.2 0 0.2 0.4 0.6 0.8 Miles

UTM Grid N

Beach Structures
- Groin
- Jetty
- Rock
- Groin

Beach Features
- Beach
- Tidal

Water Depth Meters
0 1 2 3 4 5 6 7 8 9 >10 feet

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards. Do not use for navigation.

The beach structure/feature field data were collected using hand held GPS receivers in 1995 1996. The Gulf side shoreline was GPS surveyed in the summer of 1995 (Beach Structure Inventory). The bay side shoreline was digitized using aerial photo orthorectified to georeferenced digital orthophotos using ERDAS V7.5. The black and white aerial image is from 2 of the CIR DOQQs, flown on two dates, Jan/Feb 1994/96. The bathymetric surface model is not consistent with the other data. It was created from NOAA NOS Hydrographic Surveys taken in the 1950s and 1970s.

Map projection: UTM Zone 17, North American Datum 1983, Spheroid GRS 1980. Black dot: UTM Easting, Northing and Lat/Long.