

Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrograph/Topographic Center, Washington, D.C.

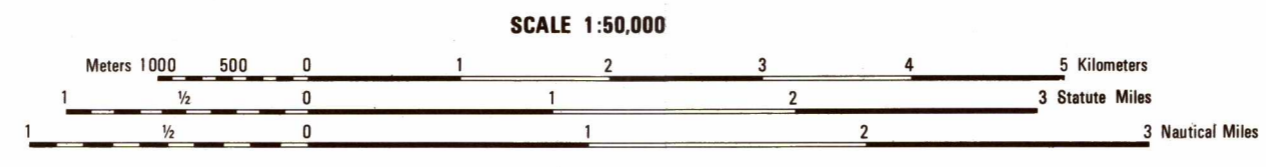
MAP INFORMATION AS OF 1984

LEGEND

CAUTION: ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE NOT SHOWN.
A LANE ON THIS MAP IS CONSIDERED TO BE 24 METERS WIDE.
IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.
THERE MAY BE PRIVATE INHOLDINGS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.

SLOPES ON THIS MAP ARE LESS THAN 5%

ROADS	Power transmission line
Divided highway with median strip	Buildings
Primary, all weather, hard surface	Streets
Secondary, all weather, hard surface	Church, School
Light duty, all weather, hard or improved surface	Power substation
Fair or dry weather, unimproved surface	Windmill, Watermill
Trail	Well, Tank
Route markers: Interstate, Federal, State	Mine shaft
Bridge	Open pit mine or quarry
RAILROADS (Standard gauge 1.44m - 4'9 1/2")	Horizontal control station
Narrow-gauge (Standard gauge 1.44m - 4'9 1/2")	Bench mark, measured
Single track	Bench mark, non-measured
Multiple track	Spot elevations in meters
Nonoperating	Leaves, rims, disks
Railroad station: Location known: Location unknown	Bluffs, cliffs
Car line	Woodland
Railroad bridge	Scattered trees: Scrub
Tunnel: Highway, Railroad	Vineyard, Orchard, plantation
BOUNDARIES	Intermittent lake: Open, Earthen, Masonry
National, with monument	Stream: Perennial, Intermittent
State, territory	Marsh, swamp
County, parish	Small falls: Large falls
Civil township, town	Small rapids: Large rapids
Incorporated city, village, town	
Reservation: National, State, Military	

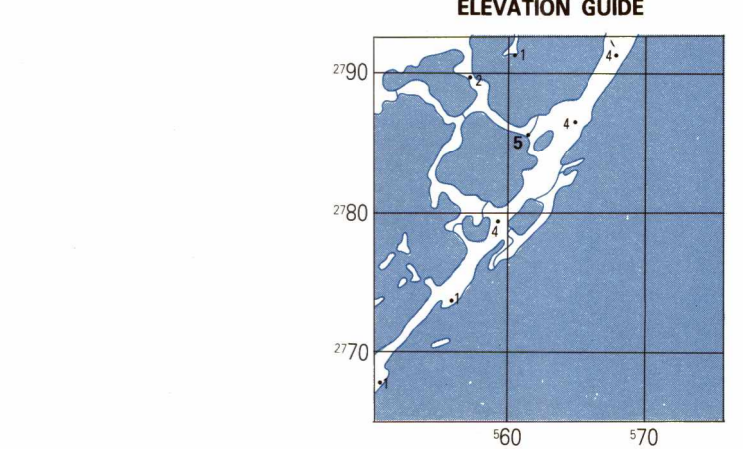
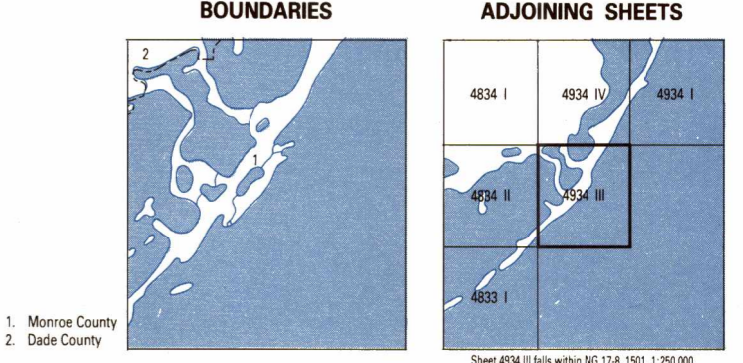
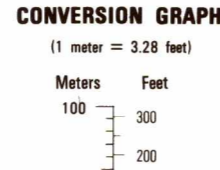


ELEVATIONS IN METERS
CONTOUR INTERVAL 2 METERS

ELLIPSOID: CLARKE 1866
GRID: 1,000-METER UTM ZONE 17 (BLACK NUMBERED LINES)
10,000-FOOT STATE GRID TICS (FLORIDA EAST ZONE)
PROJECTION: TRANSVERSE MERCATOR
VERTICAL DATUM: NATIONAL GEODESIC VERTICAL DATUM OF 1989
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM
CONTROL BY: USGS AND NOS/NOAA
PREPARED BY: U.S. GEOLOGICAL SURVEY

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SAMPLE 1,000-METER GRID SQUARE	100-METER REFERENCE
48 Sample point 12 45 13	1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point: 12.3 2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point: 45.6 Example: 123456
100,000-M. SQUARE IDENTIFICATION	WHEN REPORTING ACROSS A 100,000-METER LINE, PREFIX THE 100,000-METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.
NT	Example: NT123456
GRID ZONE DESIGNATION	WHEN REPORTING ACROSS THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.
17R	Example: 17RNT123456



GRID CONVERGENCE
0.76 INCHES (19.4 MILLIMETERS)
FOR CENTER OF SHEET

186° 04' ANGLE
7.00 MILES

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH
SUBTRACT G.M. ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH
ADD G.M. ANGLE