UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF GEORGIA
DEPARTMENT OF NATURAL RESOURCES
GEOLOGIC AND WATER RESOURCES DIVISION

CUMBERLAND ISLAND SOUTH QUADRANGLE
GEORGIA–CAMDEN CO.
7.5 MINUTE SERIES ORTHOPHOTOMAP
(TOPOGRAPHIC–BATHYMETRIC)

4745 IV NW (CUMBERLAND ISLAND NORTH)
4745 I NE (KINGSLAND NE)
4745 I SE (HARRIETTS BLUFF)
4645 II NE (ST. MARYS)
CUMBERLAND WHARF 6.4 KM
DUNGENESS 0.3 KM
(FERNANDINA BEACH)

81°30′ — 30°52′30″ — 740 000 FEET — 81°22′30″ — 30°45′
310 000 FEET
280 000 FEET

Mumford Creek
BRICKHILL RIVER
CUMBERLAND RIVER
Delorache Creek
CROOKED RIVER
WATERWAY
Flood Island
INTRACOASTAL
McCall Pond
Johnson Pond
Plum Orchard Wharf
Lake
Sweetwater
CUMBERLAND ISLAND
NATIONAL SEASHORE
Willow Pond
Brickhill
Odd
Stafford
Water Tank
Cem
LANDING STRIP
Stafford Island
CUMBERLAND
OLDHOUSE CREEK
Old House
KINGS BAY
NAVAL SUBMARINE SUPPORT BASE
PROJECT DEPTH 11.3 METERS (37 FEET) JUNE 1979
Lights
SOUND
Drum Point Island
PROJECT DEPTH 10.4 METERS (34 FEET) OCT 1979
Nightingale 2
Sea Camp Dock
BM
Dungeness Wharf
Shoal
Stafford
OCEAN
ATLANTIC

CONVERSION SCALES

Feet	Meters
15000	4500
14000	
13000	4000
12000	
11000	3500
10000	3000
9000	
8000	2500
7000	2000
6000	
5000	1500
4000	1000
3000	900 800 700 600 500 400 300
2000	200
1000	100
0	0

Feet	Meters
1	.3048
2	.6096
3	.9144
4	1.2192
5	1.5240
6	1.8288
7	2.1336
8	2.4384
9	2.7432
10	3.0480

To convert feet to meters multiply by .3048

To convert meters to feet multiply by 3.2808

1. Dryland
2. Wetlands (May be partially submerged at mean high tide)
3. Exposed at mean low tide

DEPTH GRADIENT
Meters 0 — 0 Feet
5 — 16.4
10 — 32.8
Maximum depth

Mapped, edited, and published by the Geological Survey and the National Ocean Survey

Control by USGS, NOS/NOAA, and USCE

Orthophotomap prepared by the Geological Survey from aerial photograph taken April 18, 1974. Topography by planetable surveys 1958; revised from aerial photographs taken 1974. Field checked 1975. Map edited 1979 Supersedes topographic map dated 1958

Bathymetry compiled by the National Ocean Survey from tide-coordinated hydrographic survey
Soundings compiled from NOS 11503 and 11504
This information is not intended for navigational purposes

Mean low water (dotted) line and mean high water (solid) line compiled by NOS from tide-coordinated aerial photographs
Apparent shoreline (outer edge of vegetation) shown by photoimagery

Projection and 10,000-foot grid ticks: Georgia coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 17
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 21 meters south and 17 meters west as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

MN — GN — 2° 36 MILS — 0°13′ 4 MILS
UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

GEORGIA
QUADRANGLE LOCATION

HYDROGRAPHIC SURVEY INFORMATION

Survey Number	Survey Date	Survey Scale	Survey Line Spacing (Naut. Miles)
H–3770	1915	1:80,000	.20–1.2
H–4436	1924	1:20,000	.01–.25
H–4444	1924	1:20,000	.05–.35
H–5753	1935	1:10,000	.02–.12
H–5754	1935	1:10,000	.02–.08
H–8106	1955	1:10,000	.01–.12
H–9801	1979	1:5,000	.01–.02

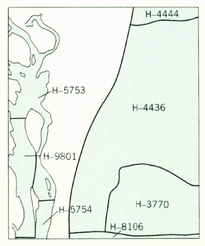
SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 1.5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVAL 1 METER WITH SUPPLEMENTARY 0.5 METER CONTOURS—SOUNDINGS IN METERS
DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.1 METERS

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS USED AT THE DATE OF THE SURVEY

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092 AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

NATIONAL OCEAN SURVEY HYDROGRAPHIC SURVEY INDEX



Map photoinspected 1983
No major culture or drainage changes observed

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Trails
Interstate Route — U. S. Route — State Route

CUMBERLAND ISLAND SOUTH, GA.
N3045–W8122.5/7.5
PHOTOINSPECTED 1983
1979
DMA 4745 IV SW–SERIES V8450

USGS NMD HISTORICAL MAP
MAR 13 1990
REC'D FILE COPY

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1981