UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ADJOINS MAP # 22

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

KINGSLAND NE QUADRANGLE
GEORGIA—CAMDEN CO.
7.5 MINUTE SERIES ORTHOPHOTOMAP
(TOPOGRAPHIC—BATHYMETRIC)

Crow Harbor Reach
NESTING AREA
Sparkman Creek
NOYES CUT
Bailey Cut
BAILEY CUT
DOVER CREEK
COMMON THROUGHOUT RIVER
86,87, 104,105
SATILLA RIVER
Griff
Scr
No 8
Todd
The Bulkhead
Butler Lookout Pt
TODD CREEK
COMMON THROUGHOUT
8,121, 118
38,138, 193
Grants Pt
Crews Pt
Boys Pt
Boat Ramp
School Landing
FLOYD CUT
Pompey Island
Fairfield Pt
Grove
Fairfield Cem
Basin
Floyd Basin
FLOYD CP
Butler Br
Levee
Duck Pond
Camp Creek
African Island
Landing Strip
Big Cypress Pond
PRIVATE
Glenn Pond
Borrel Head
Negro House Swamp
Butler Branch
BM 5.2
BM 8.5
Lookout Tower
Forestview
BM 4.6
BM 3.7
BM 7.0
Radio Tower
Substation
Cottage Cr
Horsepen Cr
Halls Swamp
FLOYDS NECK
Copeland Swamp
Cooper Swamp
Shellbine
SHELLBINE CR
Little Deep Cr
BM 3.4
BM 4.3
Cabin Bluff
INTRACOASTAL WATERWAY
RIVER
CUMBERLAND ISLAND NATIONAL SEASHORE
CUMBERLAND
Cumberland Dividings
GROVER CREEK
Grover Island
Light

CONVERSION SCALES

| Feet | Meters |
|---|---|
| 15000 | 4500 |
| 14000 | 4000 |
| 13000 | 3500 |
| 12000 | 3000 |
| 11000 | 2500 |
| 10000 | 2000 |
| 9000 | 1500 |
| 8000 | 1000 |
| 7000 | 900 |
| 6000 | 800 |
| 5000 | 700 |
| 4000 | 600 |
| 3000 | 500 |
| 2000 | 400 |
| 1000 | 300 |
| | 200 |
| | 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 — 5 — 10
0 1 — 16. — 32
Maximum depth

ADJOINS MAP # 25

## GEORGIA
### SHORELINE TYPES

Sensitivity
1 EXPOSED VERTICAL SEAWALLS
2 MARSH OUTCROPS ON FINE-GRAINED SAND BEACHES
3 FINE-GRAINED SAND BEACHES
4 MEDIUM- TO COARSE-GRAINED SAND BEACHES
5 EXPOSED TIDAL FLATS (LOW BIOMASS)/MIXED SAND AND SHELL BEACHES
5A SHELTERED EROSIONAL SCARPS
6 SHELL BEACHES — OVERWASH/EXPOSED RIPRAP
7 EXPOSED TIDAL FLATS (HIGH BIOMASS)/EROSIONAL SCARPS IN MARSH
8 SHELTERED COASTAL STRUCTURES
9 SHELTERED TIDAL FLATS (HIGH BIOMASS)/OYSTER BEDS
10 EXPOSED MARSHES
10A SHELTERED MARSHES

BIOLOGICAL FEATURES

BIRDS: GULLS OR TERNS; WADING BIRDS; SHOREBIRDS; WATERFOWL; DIVING BIRDS; RAPTORS
MARINE MAMMALS: DOLPHINS; MANATEES
REPTILES: SEA TURTLES; ALLIGATORS
FINFISH: ANADROMOUS FISH; MARINE FISH; FLATFISH
SHELLFISH: CLAMS; OYSTERS; CRABS; SHRIMP

KEY TO WILDLIFE MARKERS
COLOR CODED = TYPES OF ORGANISMS
RANGE
POINT LOCALITY
DOTS = SEASONALITY (SUMMER (JULY); SPRING (MAY); FALL (SEPT); WINTER (FEB.))
SYMBOL = ECOLOGICAL TYPE
16 — NUMBER = SPECIES (from regional lists)

SOCIOECONOMIC FEATURES
MARINAS; BOAT SLIPS; PARKS

SPILL-RESPONSE INFORMATION
SKIMMER LOCATIONS; BOOM LOCATIONS

Mapped, edited, and published by the Geological Survey and the National Ocean Survey
Control by USGS, NOS/NOAA, and USCE

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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-5689 | 1935 | 1:10,000 | 02 - 13 |
| H-5698 | 1934-35 | 1:10,000 | 01 - 10 |
| H-5752 | 1935 | 1:10,000 | 02 - 06 |
| H-5753 | 1935 | 1:10,000 | 02 - 12 |
| H-5756 | 1935 | 1:10,000 | 02 - 10 |

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
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 THE GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092 AND NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS AVAILABLE ON REQUEST

NATIONAL OCEAN SURVEY HYDROGRAPHIC SURVEY INDEX
H-5689; H-5698; H-5752; H-5756; H-5753

ADJOINS MAP # 26

ESI MAP # 24

KINGSLAND NE, GA.
N3052.5—W8130/7.5
1979
DMA 4645 I NE—SERIES V8450

the National and State reservations shown on this map