UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

ISLE OF HOPE QUADRANGLE
GEORGIA—CHATHAM CO.
7.5 MINUTE SERIES ORTHOPHOTOMAP
(TOPOGRAPHIC—BATHYMETRIC)

CONVERSION SCALES

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	Feet
0	0
5	16.4
10	32.8
15	49.2

Maximum depth

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

Control by USGS, NOS/NOAA, and Georgia Geodetic Survey

Orthophotomap prepared by the Geological Survey from aerial photograph taken April 18, 1974. Topography by planetable surveys 1957; revised from aerial photographs taken 1974. Field checked 1975. Map edited 1979

Supersedes topographic map dated 1957

Bathymetry compiled by the National Ocean Survey from tide-coordinated hydrographic surveys

Soundings compiled from NOS 11512

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 17 meters south and 17 meters west as shown by dashed corner ticks

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

MN GN 2½° 44 MILS 0°02' 1 MIL

GEORGIA

QUADRANGLE LOCATION

HYDROGRAPHIC SURVEY INFORMATION

Survey Number	Survey Date	Survey Scale	Survey Line Spacing (Naut. Miles)
H-5528	1934	1:10,000	.05-.08
H-5551a	1934	1:10,000	.01-.03
H-5551b	1934	1:5,000	.05-.15
H-5551c	1934	1:10,000	.01-.03
H-5574a	1934	1:10,000	.01-.06
H-5596	1934	1:10,000	.01-.10
H-5597	1934	1:10,000	.02-.10
H-5598	1934	1:10,000	.02-.04

SCALE 1:24 000

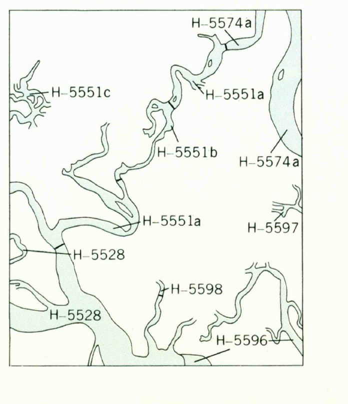
1 MILE — 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET — 1 KILOMETER

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 2.4 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



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979

ROAD CLASSIFICATION

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

OCT 15 1979

USGS Historical File Topographic Division

2000

ISLE OF HOPE, GA.
N3152.5—W8100/7.5
1979
DMA 4747 I NE—SERIES V8450