UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ST. GEORGE ISLAND QUADRANGLE
MARYLAND – VIRGINIA
7.5 MINUTE SERIES (TOPOGRAPHIC – BATHYMETRIC)

5660 II NE (PINEY POINT) | 5760 III NW (ST. MARYS CITY) | 5760 III NE (POINT NO POINT)

76°30' | 38°07'30" | 76°22'30" | 38°07'30"

69 000m E | 2 580 000 FEET (VA.) | 71 | 27'30" | 75 | 25' | 970 000 FEET (MD.) | 78

PINEY POINT 1.5 MI. | ST. MARYS CITY 6 MI. | POINT LOOKOUT 7 MI.

St George Island | Ball Pt | Russell Pt | ST GEORGE CR | ST MARYS RIVER | Jutland Neck | Fox Harbor | Gravel Pit | LANDING STRIP | Jutland Creek | Chicken Cock Cr | ST INIGOES NECK | SMITH CREEK | Tick Neck | Clayton Marina | Wynne | Creek | Calvert | CURLEYS ROAD | Sage Pt | Kitts Pt | Calvert Bay | Lawson Pt | Gray Pt | Rivertop Bay | Harry James Cr | St George Island Beach | ST GEORGE ISLAND | Island Creek | Indian Pt | Jimmy Island | Camp Merryelande | Deep Pt

4220 000m N | 4219 | 650 000 FEET (VA.) | 4217 | 4216 | 5' | 4215 | 4214 | 4213 | 4212 | 2'30" | 4211 | 4210 | 70 000 FEET (MD.) | 4209 | 4208 | 4207 | 38°00' | 76°30'

100 000 FEET (MD.) | 4219 | 4218 | 4217 | 4216 | 5' | 4215 | 4214 | 4213 | 4212 | 2'30" | 4211 | 4210 | 4209 | 620 000 FEET (VA.) | 4208 | 4207 000m N | 38°00' | 76°22'30"

5660 II SE (KINSALE) | 5760 III SE (POINT LOOKOUT)

P O T O M A C R I V E R

MARYLAND | VIRGINIA | Navy | Hog I | Judith Sound | Gorners Creek | CHERRY POINT NECK | Kingsmore Cr | Travis Point | ST MARYS CO - NORTHUMBERLAND CO | Lewisetta | LOTTSBURG 4.5 MI. | COWART I, 1 MI.

69 | 950 000 FEET (MD.) | 70 | 71 | 27'30" | (HEATHSVILLE) 5759 IV NW | 73 | 75 | 25' | 76 | 77 000m E | 79 | 76°22'30" | 38°00'

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983 | 2 610 000 FEET (VA.)

(LOTTSBURG) 5659 I NE | (BURGESS) 5759 I NE

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
2000	800
1000	700
0	600
	500
	400
	300
	200
	100
	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

Exposed at low tide

DEPTH GRADIENT

Meters	Feet
0	0
5	16.4
10	32.8
15	49.2
20	65.6

Maximum depth

Mapped, edited, and published by the Geological Survey and the National Ocean Survey in cooperation with Commonwealth of Virginia agencies

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1968

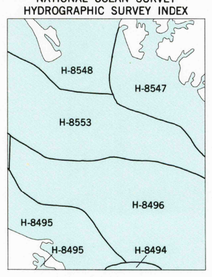
Bathymetry compiled by the National Ocean Survey from tide-coordinated hydrographic surveys. Soundings compiled from NOS chart 12233. This information is not intended for navigational purposes

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

Polyconic projection. 10,000-foot grid ticks based on Maryland coordinate system and Virginia coordinate system, south zone
1000-meter Universal Transverse Mercator grid, zone 18
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 9 meters south and 28 meters west as shown by dashed corner ticks

Map photoinspected 1973
No major culture or drainage changes observed

NATIONAL OCEAN SURVEY
HYDROGRAPHIC SURVEY INDEX



HYDROGRAPHIC SURVEY INFORMATION

Survey Number	Survey Date	Survey Scale	Survey Line Spacing (Naut. Miles)
H-8494	1959	1:10,000	.02–.05
H-8495	1959	1:10,000	.01–.06
H-8496	1959	1:20,000	.03–.10
H-8547	1959–60	1:10,000	.03–.10
H-8548	1960	1:10,000	.02–.07
H-8553	1960	1:20,000	.03–.20

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

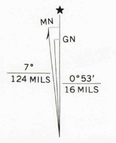
CONTOUR INTERVAL 10 FEET
SUPPLEMENTARY CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVAL 1 METER WITH SUPPLEMENTARY 0.5 METER CONTOURS – SOUNDINGS IN METERS
DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
THE MEAN RANGE OF TIDE IS APPROXIMATELY 0.5 METER

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Secondary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
State Route

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, RESTON, VIRGINIA 22092,
NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852,
AND VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA 22903
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

ST. GEORGE ISLAND, MD.–VA.
38076-A4-TB-024

1968
BATHYMETRY ADDED 1982
PHOTOINSPECTED 1973
DMA 5760 III SW – SERIES V833