UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF VIRGINIA
DIVISION OF MINERAL RESOURCES

HEATHSVILLE QUADRANGLE
VIRGINIA – MARYLAND
7.5 MINUTE SERIES (TOPOGRAPHIC – BATHYMETRIC)

5660 II SE (KINSALE)
5760 III SE (POINT LOOKOUT)
5760 III SW (ST GEORGE ISLAND)
5659 I NE (LOTTSBURG)
5759 IV NE (BURGESS)
(LIVELY) 5659 I SE
(REEDVILLE) 5759 IV SE

76°30′ 38°00′ 76°22′30″
60 000 FEET (MD.) 2 610 000 FEET (VA.)
610 000 FEET (VA.)
570 000 FEET (VA.) 2 580 000 FEET (VA.) 2 970 000 FEET (MD.)
20 000 FEET (MD.)
37°52′30″ 76°22′30″

Kingscote Creek
Lewisetta
Travis Pt
Cowart
Cem
Light
ST MARYS CO
NORTHUMBERLAND CO
POTOMAC RIVER
The Glebe
Honest Pt
Glebe Creek
Walnut Pt
XBM 6
Great Pt
Balls Cr
Kellmeck Cr
Stevens Pt
Sandpit
Lake
Cud Creek
MARYLAND
VIRGINIA
COAN RIVER
Boathouse Pond
Landing Field
Bay Quarter Neck
Presley Creek
Corbin Pond
Bundick
Mill Creek
Popes Pt
Hawk Nest Pt
Cem
Healy Cove
Coan River
Cordreys Beach
Roberts Cr
Grave
Bridgeman Cr
Neuman Neck
Nokomus
Forrest Landing
Middletons Corner
BM 117
Landing Strip
Fountain Gate
HULL NECK
Hull Creek
Edmans Cove
Fleets Cove
Floyds Cove
Hamlins Corner
Rowes Landing
Sissons Corner
Dowmings Millpond
Luttrels Corner
Spring Cove
Clark Millpond
Smithland Ch
Brents Landing
Sydnors Millpond
Sydnors Mill Creek
Heathsville
St Stephens Ch
Northumberland High Sch
Sewage Disposal Pond
BM 102
BM 103
BM 107
Claraville
Central High Sch
BM 108
Avalon
Cem
Macedonia Ch
BM 106
Kirkland Campground
Crabbe Mill Stream
Williams Corner
Horse Head
BM 109
Downings Corner
Bryant Corner
BM 99
Crabbe Mill
Great Wicomico River
Bush Mill Stream
Gaging Sta
BM 31
Hacketts Cr
Camp Kittamaquund
TAPPAHANNOCK (U.S. 17) 24 MI.
LOTTSBURG 2.3 MI.
BURGESS 1.5 MI.
MISKIMON 3 MI.
(LANCASTER) 5759 IV SW

CONVERSION SCALES

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

Exposed at 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 and NOS/NOAA

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

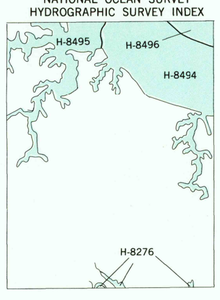
Bathymetry compiled by the National Ocean Survey from tide-coordinate hydrographic surveys. This information is not intended for navigational purposes

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

Polyconic projection. 10,000-foot grid ticks based on Virginia coordinate system, south zone, and Maryland coordinate system
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

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

NATIONAL OCEAN SURVEY
HYDROGRAPHIC SURVEY INDEX



HYDROGRAPHIC SURVEY INFORMATION

Survey Number	Survey Date	Survey Scale	Survey Line Spacing (Naut. Miles)
H-8276	1955	1:10,000	.02–.07
H-8494	1959	1:10,000	.02–.05
H-8495	1959	1:10,000	.01–.06
H-8496	1959	1:20,000	.03–.10

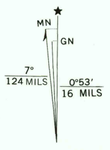
SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 10 FEET
DASHED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVAL 1 METER WITH SUPPLEMENTARY 0.5 METER CONTOURS—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
THE MEAN RANGE OF TIDE IS APPROXIMATELY 0.4 METER

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

QUADRANGLE LOCATION



UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

ROAD CLASSIFICATION

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

HEATHSVILLE, VA.–MD.

N3752.5—W7622.5/7.5

1968
BATHYMETRY ADDED 1982
DMA 5759 IV NW–SERIES V834

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1983

RETURN TO:
USGS NMD HISTORICAL MAP ARCHIVES
AUG 2 1983