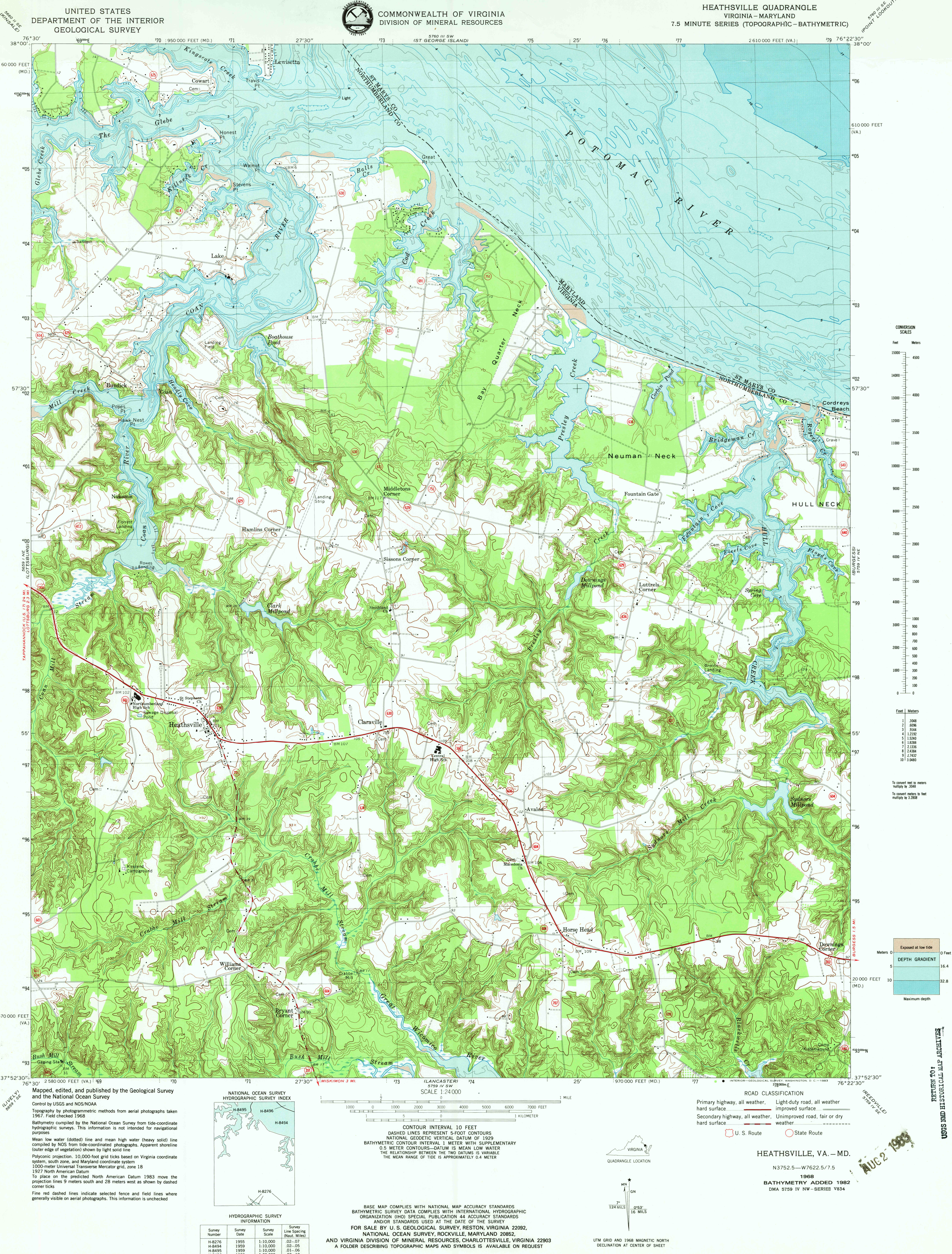




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF VIRGINIA
DIVISION OF MINERAL RESOURCES

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

76° 30' 38" 00" W
57° 30' 00" N
57° 30' 00" N
76° 30' 38" 00" W

60 000 FEET (MD.)
610 000 FEET (VA.)

1950 000 FEET (MD.)
2 610 000 FEET (VA.)

ST. GEORGE ISLAND
ST. MARYS CO.
NORTHUMBERLAND CO.

Kingscote Creek
Glee Creek
The Glee
Honest
Cowan
Cem.
Travis Pt.
Light
Walnut Pt.
Stevens Pt.
Lake
Boothouse Pond
Landing Field
Bundick
Popes
Hawa Nest
Cem.
Nokomis
Forest Landing
Rows Landing
Clark Mill Pond
Smithland
Middletons Corner
Sissons Corner
Hamlin's Corner
Heathsville
St. Stephens Ch.
Northumberland High Sch.
Sewage Disposal Pond
Williams Corner
Bryant Corner
Bush Mill
Gaging Sta.
Cradle Mill
Stream
Wicomico River
Avalon
Horse Head
Downings Mill Pond
Luttrells Corner
Fountain Gate
Neuman Neck
Hull Neck
Cordreys Beach
Bridgman Cr.
Cowan Pond
Pretley Creek
Bay Quarter Neck
Cordreys Beach
Hull Neck
Spring Cove
Downings Mill Creek
Sunners Mill Pond
Camp
Mankin

CONVERSION SCALES

Feet Meters
15000 4500
14000 4200
13000 3900
12000 3600
11000 3300
10000 3000
9000 2700
8000 2400
7000 2100
6000 1800
5000 1500
4000 1200
3000 900
2000 600
1000 300
0 0

Feet Meters
1 3048
2 6096
3 9144
4 12192
5 15240
6 18288
7 21336
8 24384
9 27432
10 30480

To convert feet to meters multiply by 0.3048
To convert meters to feet multiply by 3.2808

Exposed at low tide
DEPTH GRADIENT
0 Feet
16.4
32.8
Maximum depth

ROAD CLASSIFICATION
Primary highway, all weather, hard surface
Secondary highway, all weather, hard surface
Light-duty road, all weather, improved 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

QUADRANGLE LOCATION
71 72 73 74 75 76 77 78 79
57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79

UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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

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

NATIONAL OCEAN SURVEY
HYDROGRAPHIC SURVEY INDEX
H-8495 H-8496 H-8494
H-8276

HYDROGRAPHIC SURVEY INFORMATION

Survey Number	Survey Date	Survey Scale	Survey Line Spacing (Nautical 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

Maped, 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-coordinate 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 3 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.

RETURN TO:
USGS AND HISTORICAL MAP ARCHIVES

AUG 2 1983