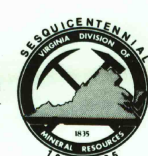


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



PINEY POINT QUADRANGLE
MARYLAND-VIRGINIA
7.5 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC)

NE/4 PINEY POINT 15' QUADRANGLE
LEONARDTOWN 8 MI.



CONVERSION
SCALES

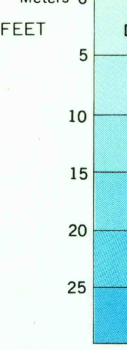


Feet	Meters
1	3048
2	6096
3	9144
4	12192
5	15240
6	18288
7	21336
8	24384
9	27432
10	30480

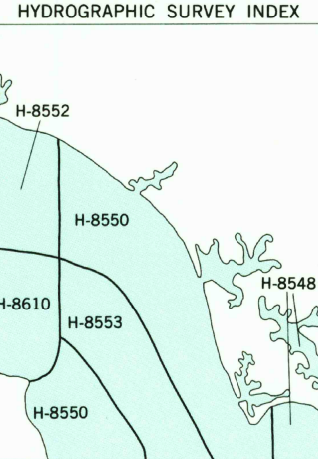
To convert feet to meters
multiply by 3.048

To convert meters to feet
multiply by 3.2808

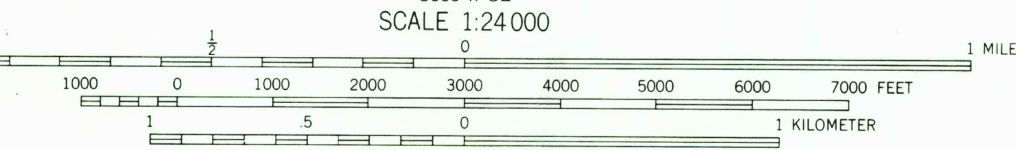
Exposed at low
DEPTH GRAD



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. 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 Maryland coordinate
system and Virginia coordinate system, north 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
Revisions shown in purple compiled in cooperation with Commonwealth
of Virginia agencies from aerial photographs taken 1978 and other
sources. This information not field checked. Map edited 1980

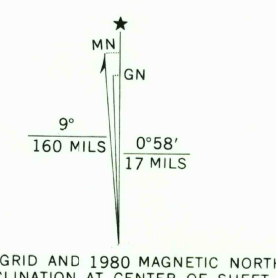


Survey Number	Survey Date	Survey Scale	Survey Line Spacing (Feet, Meters)
H-8548	1960	1:10,000	02-07
H-8550	1960	1:10,000	01-08
H-8552	1960	1:10,000	02-07
H-8553	1960	1:20,000	03-20
H-8610	1960-61	1:10,000	02-07



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



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

PINEY POINT, MD.-VA.

N3807.5-W7630/7.5

1968
PHOTOREVISED 1980
BATHYMETRY ADDED 1982
DMA 5660 II NE-SERIES V833

