



Produced by the United States Geological Survey and the National Ocean Service

Control by USGS and NOS/NOAA

Orthophotomaps prepared by the Geological Survey from aerial photographs taken April 5, 1972. Topography by photogrammetric methods from aerial photographs taken 1972. Field checked 1972. Map edited 1972. Supersedes Army Map Service map dated 1942.

Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. Selected hydrographic data compiled from USC&GS Chart 555 (1972). This information is not intended for navigational purposes.

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

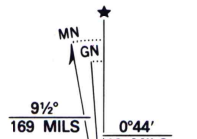
Projection and 10,000-foot grid ticks: Maryland coordinate system (Lambert conformal conic). 1000-meter Universal Transverse Mercator grid, zone 18 1927 North American Datum.

To place on the predicted North American Datum 1983, move the projection lines 9 meters south and 30 meters west as shown by dashed corner ticks.

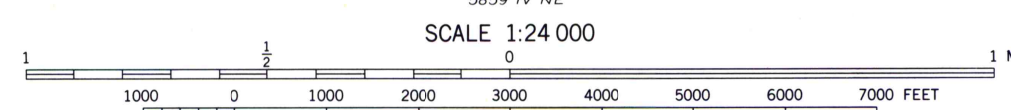
There may be private inholdings within the boundaries of the National or State reservations shown on this map.



QUADRANGLE LOCATION



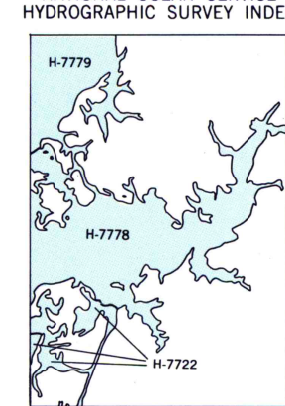
UTM GRID AND 1987 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



SCALE 1:24 000
CONTOUR INTERVAL 5 FEET
BATHYMETRIC CONTOUR INTERVAL 1 METER WITH SUPPLEMENTARY 0.5 METER CONTOURS-DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

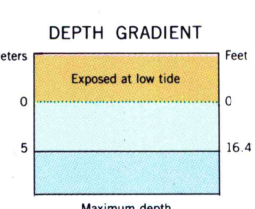
BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS USED AT THE DATE OF THE SURVEY
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

NATIONAL OCEAN SERVICE
HYDROGRAPHIC SURVEY INDEX



HYDROGRAPHIC SURVEY
INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-7772	1949	1:10,000	01-08
H-7778	1949	1:10,000	03-19
H-7779	1949	1:10,000	05-12



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 _____

MARION, MD.
38075-A7-TB-024

1972
BATHYMETRY ADDED 1986
DMA 5860 III SE-SERIES V8330