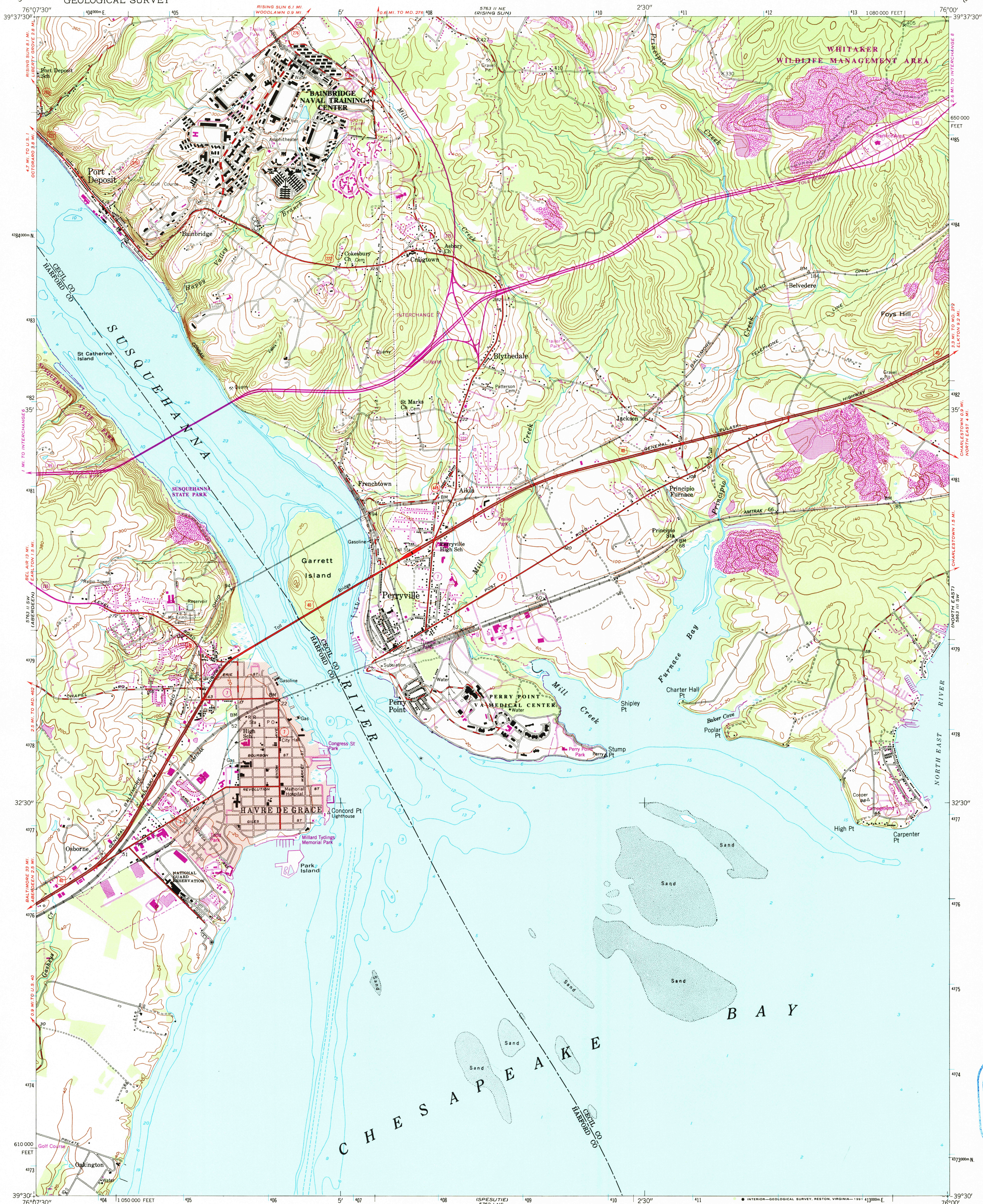


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

HAVRE DE GRACE QUADRANGLE  
MARYLAND  
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey  
Control by USGS and NOS/NOAA  
Planimetry in part compiled from aerial photographs taken 1952  
Topography enlarged from 1:62 500 scale map of Havre de Grace  
quadrangle, 15 minute series. Original map by planetable  
surveys 1939-1940. Revised 1953  
Selected hydrographic data compiled from NOS chart 572 (1947)  
This information is not intended for navigational purposes  
Polyconic projection. 10,000-foot grid ticks based on  
Maryland coordinate system  
1000-meter Universal Transverse Mercator grid ticks,  
zone 18, shown in blue  
1927 North American Datum  
To place on the predicted North American Datum 1983  
move the projection lines 7 meters south and  
29 meters west as shown by dashed corner ticks  
Red tint indicates area in which only landmark buildings are shown  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map

Revisions shown in purple and woodland compiled  
from aerial photographs taken 1981 and other sources  
This information not field checked. Map edited 1985

SCALE 1:24 000  
1 000 000 FEET  
1 000 000 METERS  
1 000 000 KILOMETERS  
CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER  
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE MEAN RANGE OF TIDE IS 1.9 FEET  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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  
Interstate Route  
U. S. Route  
State Route  
HAVRE DE GRACE, MD.  
39076-E1-TF-024  
1983  
PHOTOREVISED 1985  
DMA 5763 II SE—SERIES V833

SEP 6 1991  
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6 SEP 1991