

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

PHILADELPHIA QUADRANGLE  
PENNSYLVANIA-NEW JERSEY  
7.5 MINUTE SERIES (TOPOGRAPHIC)

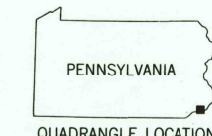


USGS (AND HISTORICAL) MAP  
NOV 1987  
REC'D FILE COPY

Maped by the U. S. Coast & Geodetic Survey  
Edited and published by the Geological Survey  
Control by USGS, NOS/NOAA, and USCE  
Planimetry by photogrammetric methods from aerial photographs  
taken 1946. Topography by planimetric surveys 1947. Revised by  
the Geological Survey from aerial photographs taken 1965.  
Field checked 1967.  
Selected hydrographic data compiled from NOS chart 280 (1967).  
This information is not intended for navigational purposes.  
Polyconic projection. 10,000-foot grid ticks based on the Pennsylvania  
coordinate system, south zone, and New Jersey 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 6 meters south and  
31 meters west as shown by dashed corner ticks.  
Red tint indicates areas 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  
by the Geological Survey from aerial photographs  
taken 1982 and other sources. This information  
not field checked. Map edited 1985.

SCALE 1:24,000  
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 APPROXIMATELY 5.8 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  
Heavy-duty ——— Light-duty ———  
Medium-duty ——— Unimproved dirt ———  
Interstate Route U.S. Route State Route

PHILADELPHIA, PA. - N. J.  
39075-H2-TF-024  
1967  
PHOTOREVISED 1985  
DMA 5963 1 NW - SERIES V831