



Mapped by the U.S. Coast & Geodetic Survey
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Control by USGS, USC&GS, USCE, and
New Jersey Geodetic Control Survey
Planimetry by photogrammetric methods from aerial photographs
taken 1946 and 1950. Topography by planimetric surveys 1947
Revised by the Geological Survey from aerial photographs taken 1965
Field checked 1967
Selected hydrographic data compiled from USC&GS Chart 296 (1966)
This information is not intended for navigational purposes
Polyconic projection. 1927 North American datum
10,000-foot grids based on Pennsylvania coordinate system,
south zone, and New Jersey coordinate system
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue
Red tint indicates areas in which only landmark buildings are shown

UTM GRID AND 1967 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000
CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 6 FEET
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

G & M Division
4 JUL 1970
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PENNSYLVANIA
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
Interstate Route — U.S. Route — State Route

FRANKFORD, PA.-N. J.
SE/4 GERMANTOWN 15' QUADRANGLE
N4000-W7500/7.5

1967

AMS 5964 II SE-SERIES V831