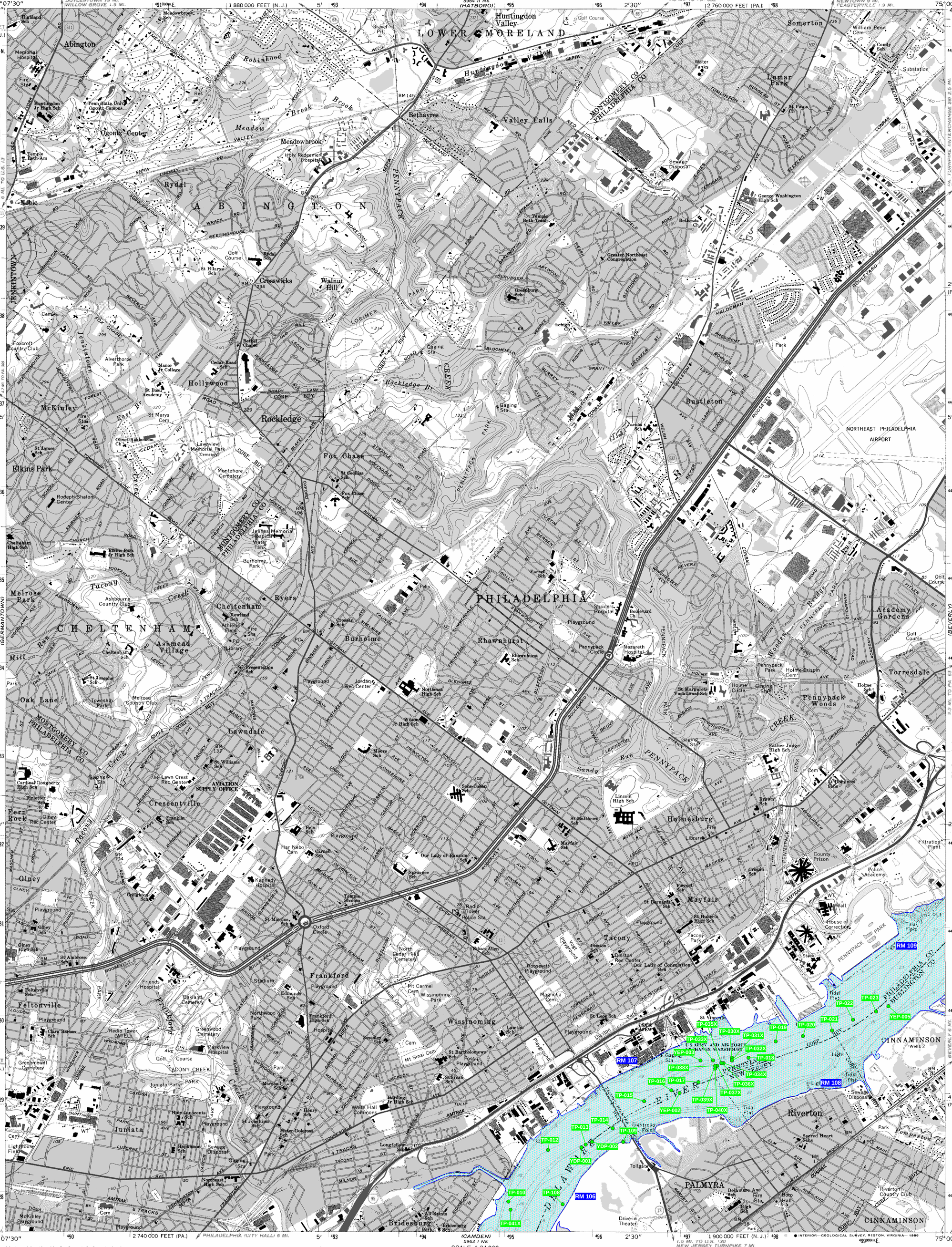
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FRANKFORD QUADRANGLE
PENNSYLVANIA—NEW JERSEY
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped by the U. S. Coast & Geodetic Survey
Edited and published by the Geological Survey

Control by USGS, NOS/NOAA, USCE, and New Jersey Geodetic Control Survey

Planimetry by photogrammetric methods from aerial photographs taken 1946 and 1950. Topography by planetable surveys 1947
Revised by the Geological Survey from aerial photographs taken 1965
Field checked 1967

Selected hydrographic data compiled from NOS chart 296 (1966)
This information is not intended for navigational purposes

Polyconic projection. 10,000-foot grid ticks based on 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 32 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

UTM GRID AND 1983 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Revisions shown in purple and woodland compiled from aerial photographs taken 1981 and other sources
This information not field checked. Map edited 1983

Purple tint indicates extension of urban areas

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
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 6 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

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

FRANKFORD, PA.—N. J.

40075-A1-TF-024

1967
PHOTOREVISED 1983
DMA 5964 II SE—SERIES V831

● INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1986

U.S. Army Corps of Engineers
Philadelphia District

RM123
Approximate river mileage from mouth of Delaware Bay.

TYPE OF EXPLORATION
●.....Test Pit

SUB-SURFACE EXPLORATIONS
DELAWARE RIVER & VICINITY

FRANKFORD
040075-A1