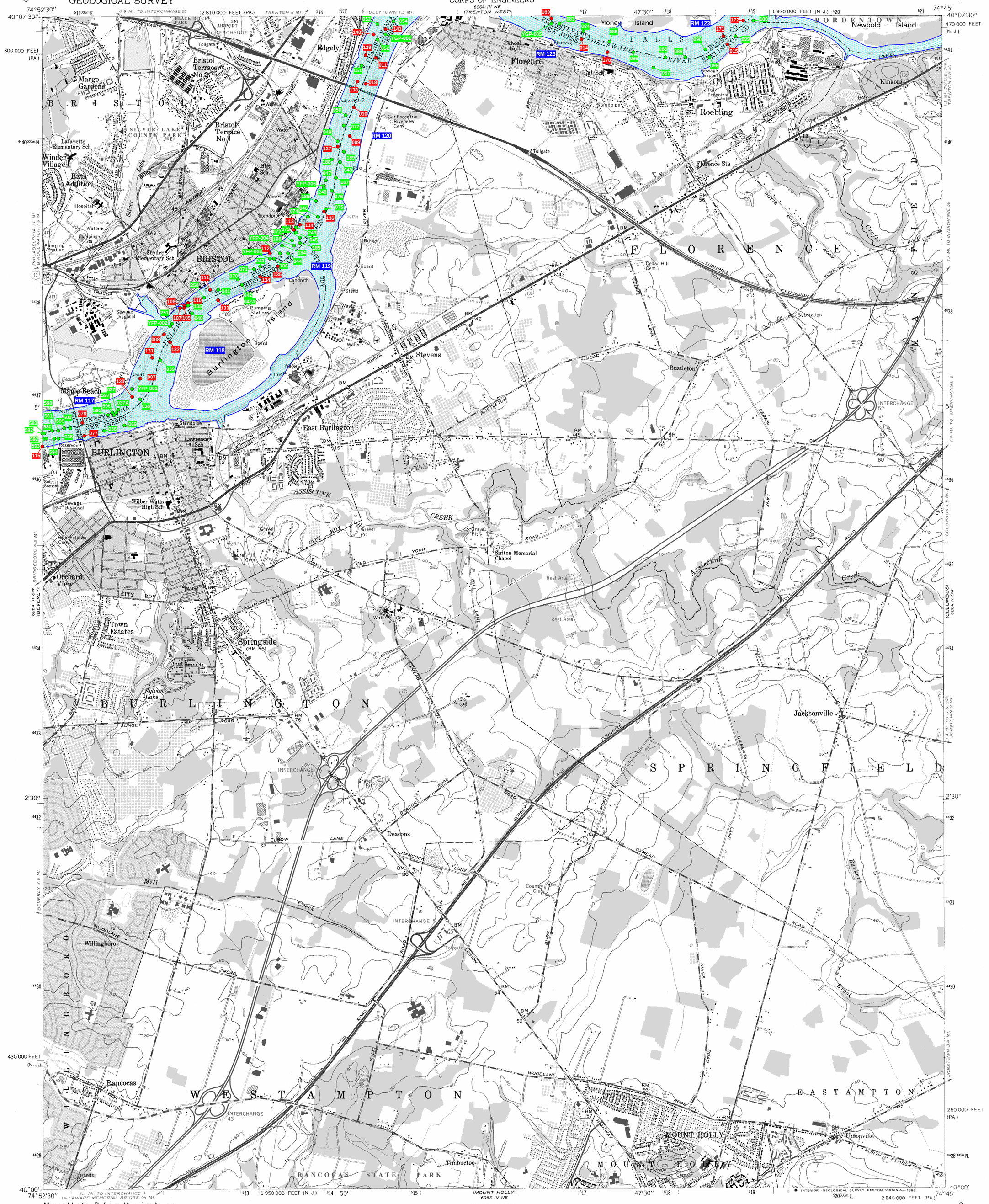
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

BRISTOL QUADRANGLE
PENNSYLVANIA–NEW JERSEY
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped by the Defense Mapping Agency
Edited and published by the Geological Survey
Control by NOS/NOAA, USCE, and New Jersey Geodetic Survey
Topography by photogrammetric methods from aerial photographs taken 1942. Field checked 1943
Culture revised by the Geological Survey 1955
Hydrography compiled from NOS chart 296 (1954)
This information is not intended for navigational purposes
Polyconic projection. 10,000-foot grids based on New Jersey coordinate system and Pennsylvania coordinate system, south zone
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 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000

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 5.9 FEET

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

Revisions shown in purple compiled by the Geological Survey from aerial photographs taken 1976 and other source data
This information not field checked. Map edited 1981
Purple tint indicates extension of urban areas

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

BRISTOL, PA.–N. J.
N4000–W7445/7.5
1955
PHOTOREVISED 1981
DMA 6064 III SE–SERIES V822

U.S. Army
Corps of Engineers
Philadelphia District

RM123
Approximate river mileage from mouth of Delaware Bay.

TYPE OF EXPLORATION
....Boring
....Test Pit

Boring Location Labels Without Prefixes are in the "CB" Series.
E.G.: CB-185 = 185
Test Pit Location Labels Without Prefixes are in the "TP" Series.
E.G.: TP-095 = 095

SUB-SURFACE EXPLORATIONS
DELAWARE RIVER & VICINITY

BRISTOL
04074-A7