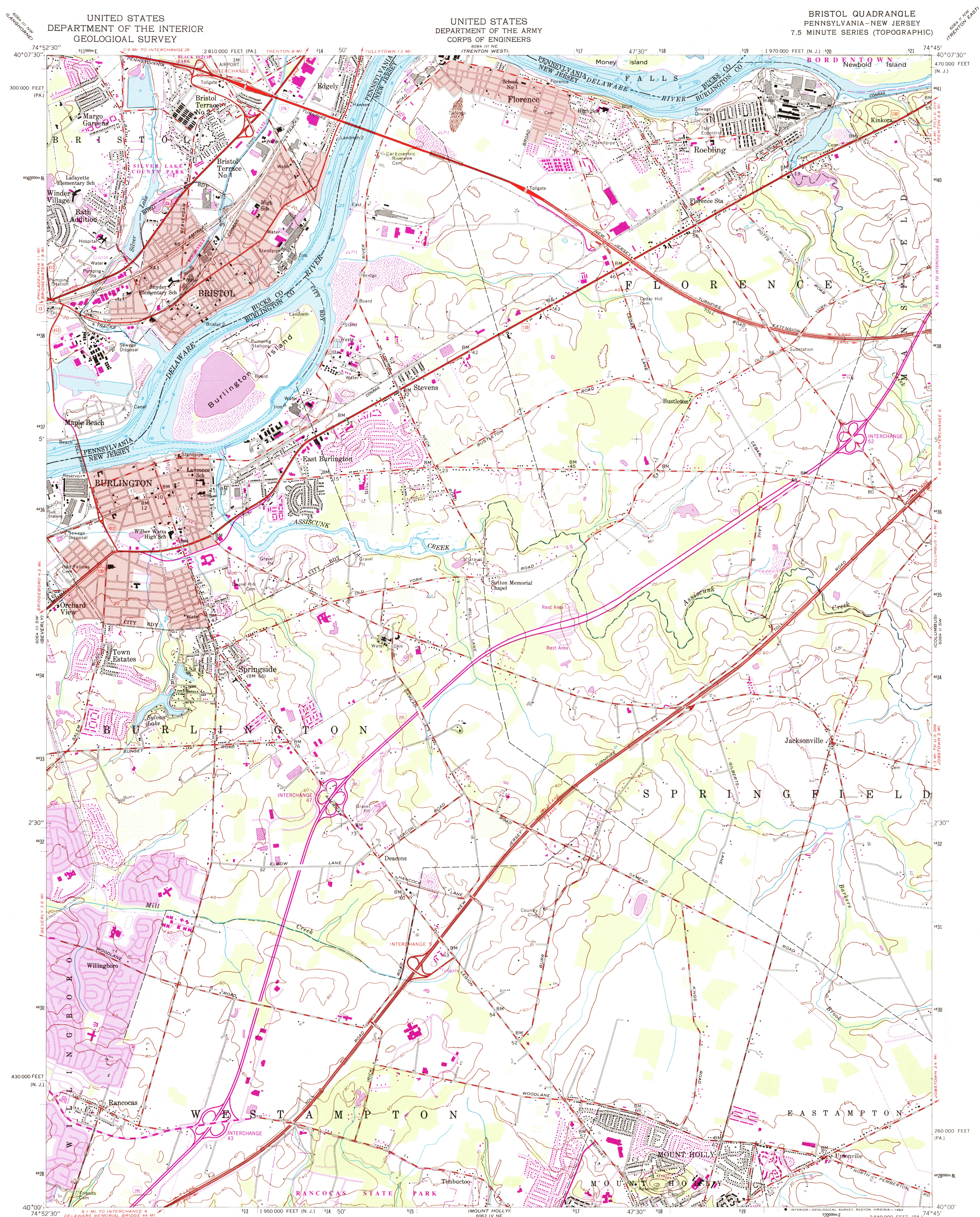




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

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

Maped 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.

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

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

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.