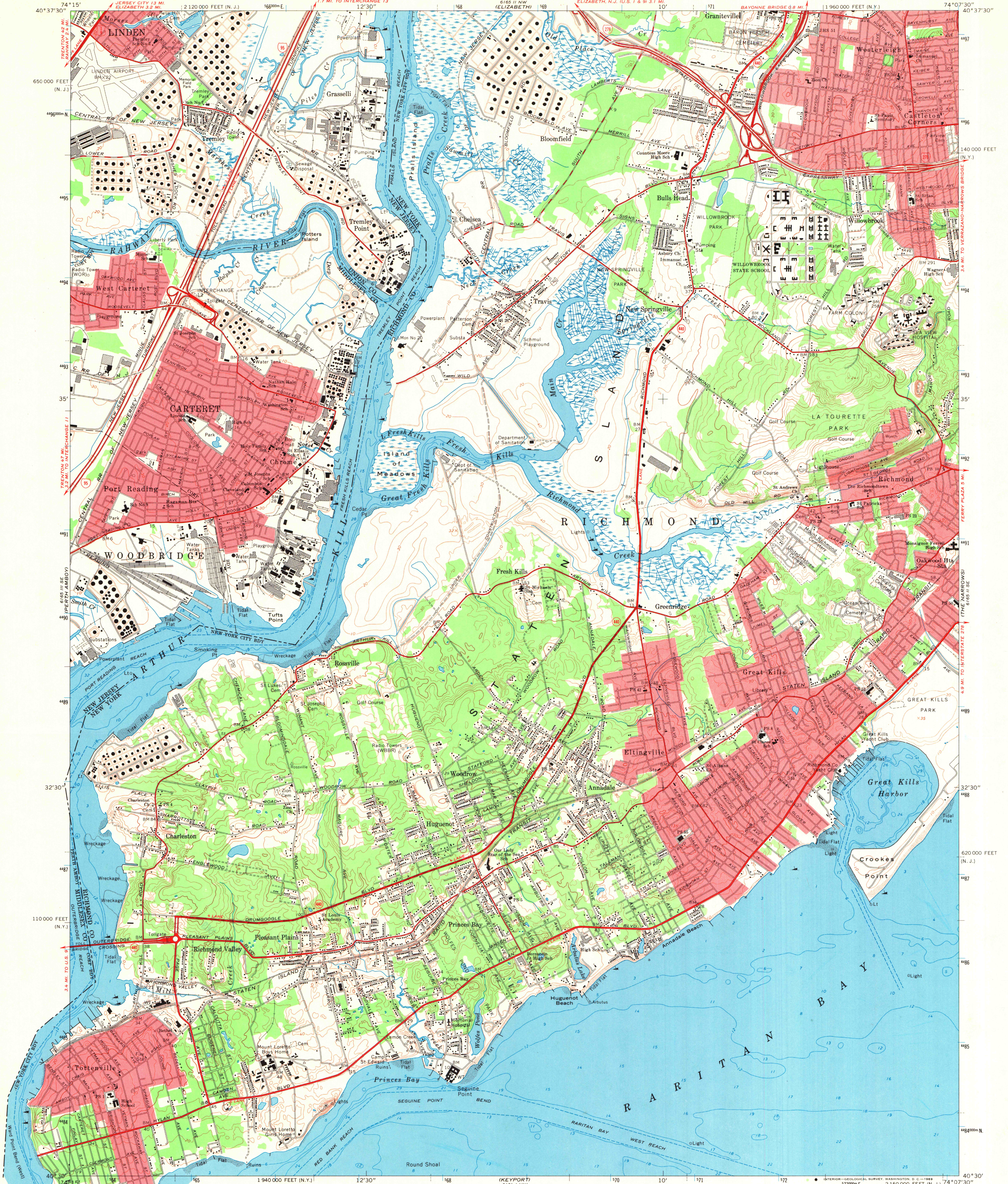


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ARTHUR KILL QUADRANGLE
NEW YORK NEW JERSEY
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Revised in cooperation with New York Department
of Transportation
Control by USGS, USC&GS, and USCE
Planimetry by photogrammetric methods from aerial photographs and
from USC&GS Charts 15105, 15106, 15107, 15108, 15109, 15110,
and 15540. Topography in New York by photogrammetric
methods from aerial photographs taken 1954. Field checked 1955
Topography in New Jersey by planimetric survey 1955
Revised from aerial photographs taken 1966. Field checked 1966
Selected hydrographic data compiled from USC&GS Charts 285 (1966)
286 (1966), and 369 (1967). This information is not intended for
navigational purposes
Polyconic projection. 1927 North American datum
10,000-foot grid based on New York coordinate system.
Long Island 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 1966 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000
CONTOUR INTERVAL 10 FEET
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 4.8 FEET IN RARITAN BAY
AND 5.1 FEET IN ARTHUR KILL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20542
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

ARTHUR KILL N.Y.—N.J.
N4030—W7407.577.5

1966

AMS 6165 II SW—SERIES W821

MAP AND AIR PHOTO LIBRARY
University of Wisconsin