UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ARTHUR KILL QUADRANGLE
NEW YORK–NEW JERSEY
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 STATEN ISLAND 15' QUADRANGLE

Mapped, edited, and published by the Geological Survey

Control by USC&GS, USCE, City of New York Board of Estimate and Apportionment, and New Jersey Geodetic Survey

Culture and drainage in part compiled from aerial photographs taken 1954, and from USC&GS charts T-5105, T-5106, T-5107, T-5108, T-5109, T-5110, and T-8540. Topography in New York by Kelsh plotter from aerial photographs taken 1954. Field check 1955. Topography in New Jersey by planetable surveys 1955

Hydrography compiled from USC&GS charts 285 (1955), 286 (1954), and 369 (1956)

Polyconic projection. 1927 North American datum
10,000-foot grids 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

Unchecked elevations are shown in brown

11° MAGNETIC NORTH — TRUE NORTH
APPROXIMATE MEAN DECLINATION, 1955

SCALE 1:24000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

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 5.2 FEET IN ARTHUR KILL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division

NEW YORK
QUADRANGLE LOCATION

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

ARTHUR KILL, N. Y.—N. J.
SW/4 STATEN ISLAND 15' QUADRANGLE
N4030—W7407.5/7.5
1955

U.S.G.S.
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TOPOGRAPHIC DIVISION

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