

## Mapped, edited, and published by the Geological Survey Revised in cooperation with New York Department of Transportation

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Planimetry by photogrammetric methods from aerial photographs and from NOS charts T-5105, T-5106, T-5107, T-5108, T-5109, T-5110 and T-8540 Topography in New York by photogrammetric methods from aerial photographs 1954. Field checked 1955. Topography in New Jersey by planetable surveys 1955 Revised from aerial photographs taken 1966. Field checked 1966 12° 213 MILS

0°32' 9 MILS

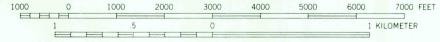
UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Selected hydrographic data compiled from NOS charts 285 (1966), 286 (1966), and 369 (1967). This information is not intended for navigational purposes

Polyconic projection. 10,000-foot grid ticks 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. 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 34 meters west as shown by dashed corner ticks

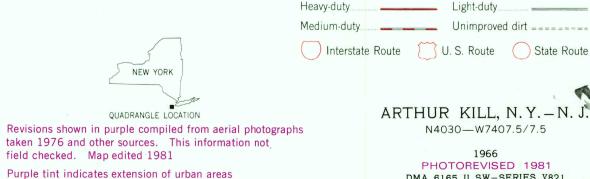
## Red tint indicates areas in which only landmark buildings are shown

There may be private inholdings within the boundaries of The National or State reservations shown on this map



CONTOUR INTERVAL 10 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 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, RESTON, VIRGINIA 22092 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REOUEST



1966 PHOTOREVISED 1981 DMA 6165 II SW-SERIES V821

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