



Maped, edited, and published by the Geological Survey  
Revised in cooperation with New York Department of Transportation  
Control by USGS, USC&GS, USCE, New Jersey Geodetic Survey,  
and City of New York Board of Estimate and Apportionment  
Planimetry by photogrammetric methods and from USC&GS  
Charts T-5111, T-5277, T-5332, T-5450, T-5453, T-5454,  
T-5460, T-5461, T-5466, T-5468, T-5469, and T-5470  
Topography by photogrammetric methods from aerial  
photographs taken 1954 and planetaster surveys 1955  
Revised from aerial photographs taken 1966. Field checked 1967  
Selected hydrographic data compiled from USC&GS Charts 285, 287, 541,  
and 745 (1966). This information is not intended for navigational purposes  
Polyconic projection. 1927 North American datum. 10,000-foot grids based on  
New Jersey coordinate system, and New York coordinate system, Long Island zone  
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 1967 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

111° 52' 20" W  
0° 37' 11" N

204 MILES  
11 MILES

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 4.4 FEET IN  
UPPER BAY AND 4.8 FEET IN NEWARK BAY

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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

QUADRANGLE LOCATION  
NEW JERSEY  
U.S.G.S.  
FILE COPY  
TOPOGRAPHIC DIVISION

JERSEY CITY, N.J.—N.Y.  
N4037.5—W7400.7.5  
1967  
AMS 6165 II NE—SERIES V822

USGS  
Historical File  
Topographic Division

1995  
DEC 23 1999