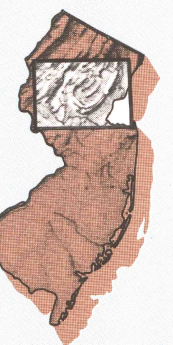




# Newark

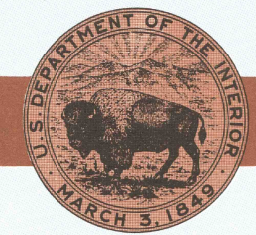
NEW JERSEY-NEW YORK

1:100 000-scale  
planimetric map



30 X 60 MINUTE QUADRANGLE  
SHOWING

- Elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



GEOLOGICAL SURVEY

1984

Produced by the United States Geological Survey  
 Compiled from USGS 1:250,000-scale topographic maps dated 1970-1981. Planimetric revised from aerial photographs taken 1980 and other source data. Revised information not field checked. Map dated 1984.

Projection and 10,000-meter grid, zone 18: Universal Transverse Mercator. 25,000-foot grid ticks based on New Jersey coordinate system, and New York coordinate system. Long Island zone 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 34 meters west. There may be private labelings within the boundaries of the National or State reservations shown on this map.

NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet	UTM	ON	1	2
1	3.2808	1	1	4	3
2	6.5616	2	2	5	4
3	9.8424	3	3	6	5
4	13.1232	4	4	7	6
5	16.4040	5	5	8	7
6	19.6848	6	6		8
7	22.9656	7	7		
8	26.2464	8	8		
9	29.5272	9	9		
10	32.8080				

To convert meters to feet multiply by 3.2808  
 To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1984 magnetic declination (MD) at center of map. Diagram is approximate.

1	Greenwich
2	Mainhattan
3	Albany
4	Albany Island West
5	Reading
6	Trenton
7	Long Branch



### Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Route marker: Interstate, U. S., State
- Railroad: standard gage; narrow gage
- Bridge; overpass; underpass
- Tunnel: road, railroad
- Bath up area; locality; elevation
- Airport; landing field; landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U. S. public lands survey: range, township, section
- Range, township; section line: protracted
- Power transmission line; pipeline
- Dam; dam with lock
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Bank; cliff; scree
- Distorted surface: strip mine; levee; sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake; perennial; intermittent
- Rapid; large and small; falls, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove
- Other: vineyard

A pamphlet describing topographic maps is available on request

UNITED STATES, TOPO. 1:100,000.

Newark, NJ-NY, 1984

Copy 1

SCALE 1:100 000

NEWARK, NEW JERSEY-NEW YORK 40074-E1-PL-100

1984