



Mapped by the Defense Mapping Agency  
Edited and published by the Geological Survey  
Control by USGS, USCE, and New Jersey Geodetic Survey  
Culture and drainage in part compiled from aerial photographs  
taken 1941. Topography by planetable surveys 1944. Culture  
revised by the Geological Survey 1954  
Hydrography compiled from NOS chart 824 (1953)  
This information is not intended for navigational purposes  
Polyconic projection. 10,000-foot grid ticks based on 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 35 meters west as shown by dashed corner ticks  
Red tint indicates area 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

Revisions shown in purple compiled by the Geological Survey  
from aerial photographs taken 1976 and other sources  
This information not field checked. Map edited 1981  
Purple tint indicates extension of urban areas

SCALE 1:24,000  
1 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 0 1 2 3 4 5 6 7 8 9 10 KILOMETER  
CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC 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 4.4 FEET ALONG THE OCEAN  
3 FEET AT RED BANK, AND 1.7 FEET IN SHREWSBURY RIVER  
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 REQUEST

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

USGS NMD HISTORICAL MAP  
AUG 20 1986  
REC'D FILE COPY

LONG BRANCH, N. J.  
40073-CB-TF-024  
1954  
PHOTOREVISED 1981  
DMA 6164 1 SE—SERIES V822