



Maped by the Defense Mapping Agency  
Published for civil use by the Geological Survey  
Control by USGS, NOS/NOAA, USCE, and New Jersey Geodetic Survey  
Topography by photogrammetric methods from aerial photographs taken 1947. Planimetric detail revised from aerial photographs taken 1956. Field checked 1957.  
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 34 meters west as shown by dashed corner ticks  
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

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

12° 21' 30" N  
0° 27' 30" E  
8 MILS

SCALE 1:24,000

CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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 ———  
Interstate Route ———

ADELPHIA, N. J.

N 4007.5—W 7415/7.5

1957  
PHOTOREVISED 1981  
DMA 6164 III NE—SERIES V822

USGS AND HISTORICAL MAP ARCHIVES

OCT 21 1982

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