



Mapped, edited, and published by the Geological Survey  
 Control by USGS, NOS/NOAA, and Pennsylvania Department of Highways  
 Topography by photogrammetric methods from aerial photographs taken 1942. Field checked 1948  
 Polyconic projection. 10,000-foot grid ticks based on Pennsylvania coordinate system, north zone  
 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 30 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

UTM GRID AND 1984 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24,000  
 CONTOUR INTERVAL 20 FEET  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

347.4cc NaI X 7

QUADRANGLE LOCATION  
 PENNSYLVANIA  
 FREELAND, PA.  
 41075-A8-TF-024  
 1948  
 PHOTOREVISED 1984  
 DMA 5866 III SW—SERIES 7831

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  
 Revisions shown in purple and woodland compiled in cooperation with Commonwealth of Pennsylvania agencies from aerial photographs taken 1982 and other sources. This information not field checked  
 Map edited 1984