



Mapped by the Army Map Service  
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 Control by USGS, USC&GS, USCE, and USFS  
 Topography from aerial photographs by photogrammetric methods  
 Aerial photographs taken 1951. Field check 1952  
 Polyconic projection. 1927 North American datum  
 10,000-foot grid based on Pennsylvania coordinate system, south zone  
 1000-meter Universal Transverse Mercator grid ticks,  
 zone 18, shown in blue  
 Revisions shown in purple compiled in cooperation with State of  
 Pennsylvania agencies from aerial photographs taken 1976  
 This information not field checked. Map edited 1977

UTM GRID AND 1977 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

WALNUT BOTTOM, PA.  
 SW 1/4 NEWVILLE 15' QUADRANGLE  
 N4000—W7722.5/7.5  
 1952  
 PHOTOREVISED 1969 AND 1977  
 AMS 5564 III SW—SERIES V831