



Mapped, edited, and published by the Geological Survey  
Control by USGS, NOS/NOAA, and USCE  
Topography by photogrammetric methods from aerial photographs  
taken 1962. Field checked 1963  
Polyconic projection. 10,000-foot grid ticks based on Pennsylvania  
coordinate system, north and south zones. 1000-meter Universal  
Transverse Mercator grid ticks, zone 17, shown in blue  
1927 North American Datum. To place on the predicted  
North American Datum 1983 move the projection lines 3 meters  
south and 19 meters west as shown by dashed corner ticks  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked  
Revisions shown in purple and woodland compiled in cooperation with  
Commonwealth of Pennsylvania agencies from aerial photographs taken  
1977 and other sources. This information not field checked. Map edited 1981

UTM GRID AND 1981 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

7°W  
133 MILS

0°57'  
17 MILS

SCALE 1:24,000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

**IMAPS # 11083**

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

**STRUCTURAL CONTOURS ON BASE OF  
LOWER KITTINGING COAL SEAM**

ROAD CLASSIFICATION

Heavy-duty ——— Light-duty ———  
Medium-duty ——— Unimproved dirt ———

○ State Route

PENNSYLVANIA  
QUADRANGLE LOCATION

RIMERSBURG, PA.

N4100—W7930/7.5

1963  
PHOTOREVISED 1981  
DMA 5066 II SE—SERIES V831