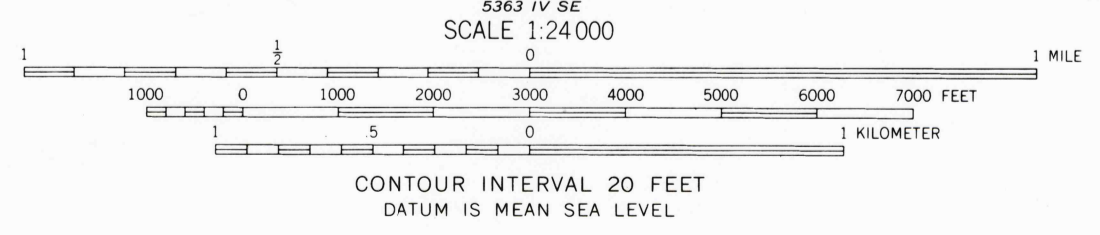
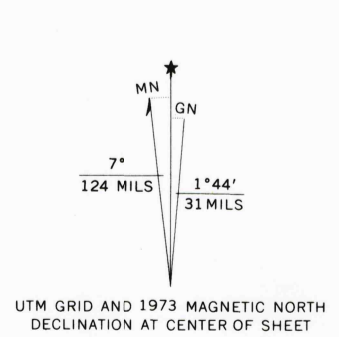




Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1966. Field checked 1967  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Pennsylvania coordinate system, south zone  
1000-meter Universal Transverse Mercator grid ticks, zone 17,  
shown in blue  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked  
Revisions shown in purple compiled in cooperation with  
State of Pennsylvania agencies from aerial photographs  
taken 1973. This information not field checked  
Map photorevised 1984  
No major culture or drainage changes observed

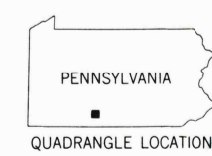


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ROAD CLASSIFICATION

Primary highway, all weather, hard surface	Light-duty road, all weather, improved surface
Secondary highway, all weather, hard surface	Unimproved road, fair or dry weather

Legend: Interstate Route (red circle), U.S. Route (red square), State Route (red circle)



USGS NMD HISTORICAL MAP  
DEC 10 1990  
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MENCH, PA.  
N3952.5—W7815/7.5  
PHOTOINSPECTED 1984  
1967  
PHOTOREVISED 1973  
AMS 5363 IV NE—SERIES V831