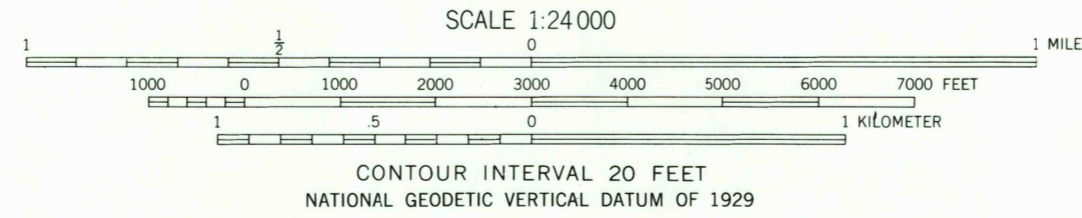
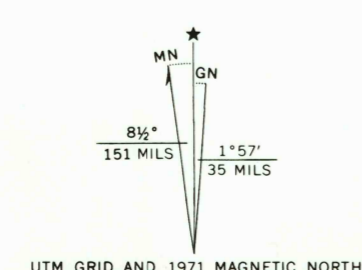


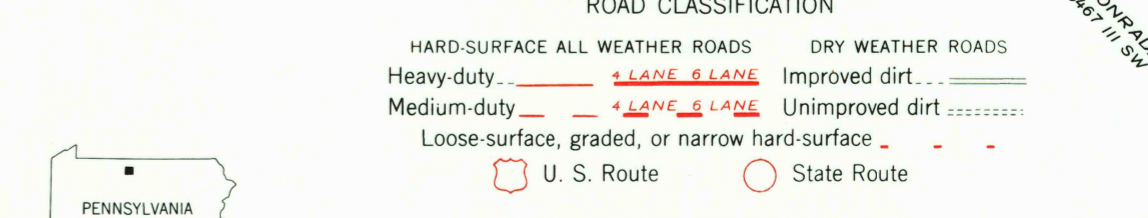
Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and Pennsylvania Department of Highways  
Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1945. Field check 1948  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Pennsylvania coordinate system, north zone

Civil division boundaries are indefinite  
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue  
Revisions shown in purple compiled in cooperation with State of Pennsylvania agencies from aerial photographs taken 1971. This information not field checked



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To place on the predicted North American Datum 1983, move the projection lines 3 meters south and 23 meters west as shown by dashed corner ticks

AUSTIN, PA.  
NE/4 EMPORIUM 15' QUADRANGLE  
41078-F1-TF-024  
PHOTOINSPECTED 1983  
1948  
PHOTOREVISED 1971  
DMA 5367 II NE—SERIES V831

1983 NAD HISTORICAL MAP  
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