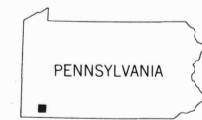
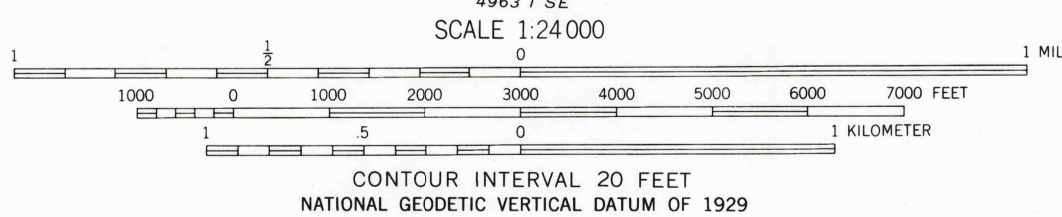
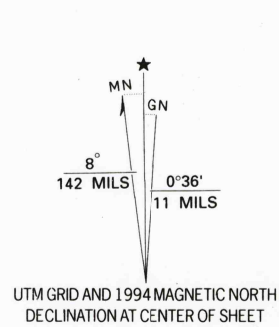
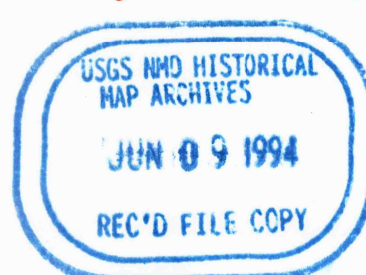




Produced by the United States Geological Survey  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1961. Revised from aerial photographs taken 1988 and 1991. Map edited 1994.  
Projection and 10,000-foot grid ticks: Pennsylvania coordinate system, south zone (Lambert conformal conic)  
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue  
1927 North American Datum (NAD 27)  
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks  
The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are given in USGS Bulletin 1875  
Unlabeled wells are gas wells  
Contours in strip mine areas may not accurately represent present topography  
Light purple tint indicates reclaimed strip mine areas  
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked



ROAD CLASSIFICATION  
Primary highway, hard surface  
Secondary highway, hard surface  
Unimproved road  
Interstate Route  
U. S. Route  
State Route  
Light-duty road, hard or improved surface  
Unimproved road  
Interstate Route  
U. S. Route  
State Route



MATHER, PA.  
39080H1-TF-024  
1961  
REVISED 1994  
DMA 4963 1 NE-SERIES V831

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