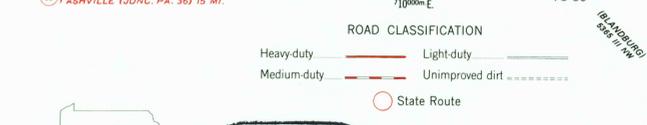
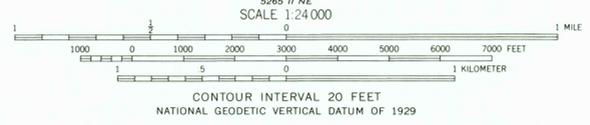
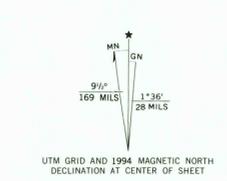


Mapped, edited, and published by the Geological Survey  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial  
photographs taken 1957. Field checked 1959  
Polyconic projection. 10,000-foot grid ticks based on  
Pennsylvania coordinate system, north zone  
100-meter Universal 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 1575.  
Fine red dashed lines indicate selected fence and field lines  
generally visible on aerial photographs. This information is un-checked  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map  
Revisions compiled in cooperation with Commonwealth of Pennsylvania  
agencies from aerial photographs taken 1988 and other sources. Contours  
not revised. This information not field checked. Map edited 1994  
Light purple tint indicates reclaimed strip mine areas



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



IRVONA, PA.  
40078-G5-TF-024  
1959  
REVISED 1994  
DMA 6285 1 SE—SERIES V831