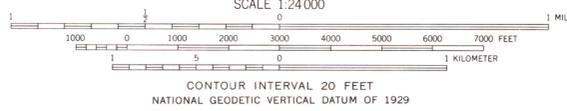




Mapped, edited, and published by the Geological Survey in cooperation with State of West Virginia agencies  
Control by USGS, USC&GS, and USCE  
Topography in Kentucky by photogrammetric methods from aerial photographs taken 1952. Field checked 1953  
Topography in West Virginia by photogrammetric methods from aerial photographs taken 1958. Field checked 1962  
Revised from aerial photographs taken 1970. Field checked 1971  
Polyconic projection. 1927 North American Datum  
10,000-foot grids based on Kentucky coordinate system, north zone and West Virginia coordinate system, south zone  
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue  
To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 11 meters west as shown by dashed corner ticks

UTM GRID and 1989 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET  
5° 58' 17" W  
FINE RED DASHED LINES INDICATE SELECTED FENCE AND FIELD LINES WHERE GENERALLY VISIBLE ON AERIAL PHOTOGRAPHS. THIS INFORMATION IS UNCHECKED  
Contours in strip mine areas may not accurately represent present topography



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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road

○ Interstate Route   □ U. S. Route   ○ State Route

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LOUISA, KY. - W. VA.  
SE/4 LOUISA 15' QUADRANGLE  
38082-A5-TF-024  
1971 PHOTOREVISED 1989  
DMA 4460 II SE - SERIES V853

Revisions shown in purple and woodland compiled from aerial photographs taken 1986 and other sources  
Contours adjusted adjacent to certain photorevised hydrographic features. This information not field checked  
Map edited 1989  
Light purple tint indicates reclaimed strip mine areas