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DEC 31 1998  
USGS MWD  
HISTORICAL MAP ARCHIVES

Produced by the United States Geological Survey  
in cooperation with Pennsylvania Department of Conservation  
and Natural Resources, Bureau of Topographic and Geologic Survey

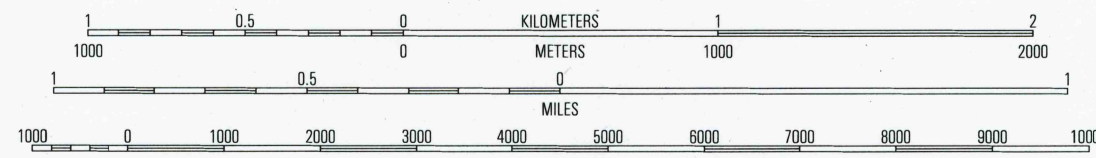
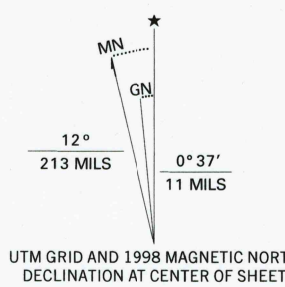
Topography compiled 1951. Planimetry derived from imagery taken  
1976 and other sources. Photomaps using imagery dated 1997;  
no major culture or drainage changes observed. Survey control  
current as of 1996. Boundaries, other than corporate, revised 1998

North American Datum of 1927 (NAD 27). Projection and  
10 000-foot ticks: Pennsylvania coordinate system, south zone  
(Lambert conformal conic)

1000-meter Universal Transverse Mercator grid, zone 18

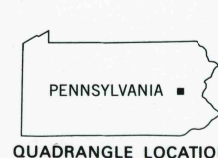
North American Datum of 1983 (NAD 83) is shown by dashed  
corner ticks. The values of the shift between NAD 27 and NAD 83  
for 7.5-minute intersections are obtainable from National Geologic  
Survey NADCON software

There may be private inholdings within the boundaries of  
the National or State reservations shown on this map  
Information shown in purple may not meet USGS content standards  
and may conflict with previously mapped contours



CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

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

1	2	3
4	5	6
7	8	

ADJOINING 7.5' QUADRANGLE NAMES

NEW RINGGOLD, PA

1997

NIMA 5865 III NW-SERIES V831

