

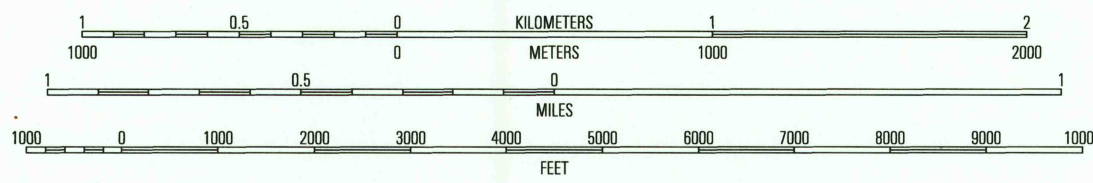
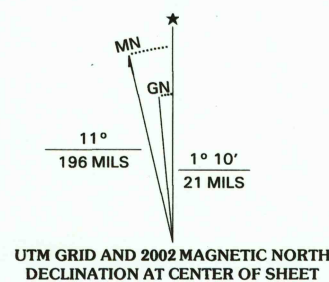


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U.S. GEOLOGICAL SURVEY  
HISTORICAL MAP ARCHIVES

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 1952. Planimetry derived from imagery  
taken 1999 and other sources. Survey control current as of 1953  
Boundaries current as of 2001  
North American Datum of 1983 (NAD 83). Projection and  
1000-meter grid: Universal Transverse Mercator, zone 18  
2 500-meter ticks: Pennsylvania Coordinate System of 1983  
(south zone)  
North American Datum of 1927 (NAD 27) is shown by dashed  
corner ticks. The values of the shift between NAD 83 and  
NAD 27 for 7.5-minute intersections are obtainable from  
National Geodetic Survey NADCON software



CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
(TO CONVERT ELEVATIONS TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, SUBTRACT 1 FOOT)  
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

1	2	3	1 Abbottstown
4	5	4 Hanover	2 West York
6	7	8 New Freedom	3 York
			5 Glen Rock
			6 Manchester
			7 Lincolnton

ADJOINING 7.5' QUADRANGLE NAMES

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

SEVEN VALLEYS, PA  
1999

NIMA 5663 IV SE-SERIES V831



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