

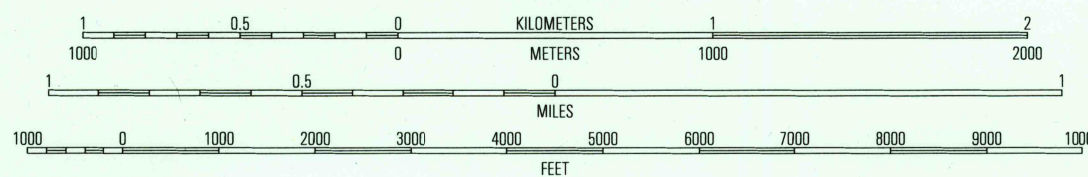
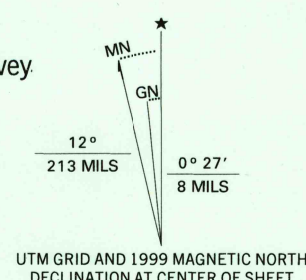
Produced by the United States Geological Survey
in cooperation with Pennsylvania Department of Conservation
and Natural Resources, Bureau of Topographic and Geologic Survey

Topography compiled 1951. Planimetry derived from imagery taken
1988 and other sources. Photoinspected using imagery dated 1997;
no major culture or drainage changes observed. Survey control
current as of 1960. Boundaries, other than corporate, revised 1999

North American Datum of 1927 (NAD 27). Projection and
10 000-foot ticks: Pennsylvania coordinate system, north zone
(Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 18

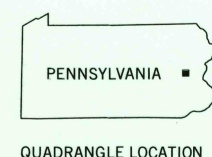
North American Datum of 1983 (NAD 83) is shown by dashed
corner ticks. The values of the shift between NAD 27 and NAD 83
for 7.5-minute intersections are obtainable from National Geodetic
Survey NADCON software

There may be private inholdings within the boundaries of
the National or State reservations shown on this map



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



1	2	3	White Haven
4	5	6	Hickory Run
7	8	9	Blakeslee
			Weather
			Poconoco Mountain
			Nequehoning
			Lehigh
			Palmerston

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

CHRISTMANS, PA
1997

NIMA 5865 1 NW-SERIES V831

RECEIVED
OCT 31 1999
USGS WMD
HISTORICAL MAP ARCHIVES

