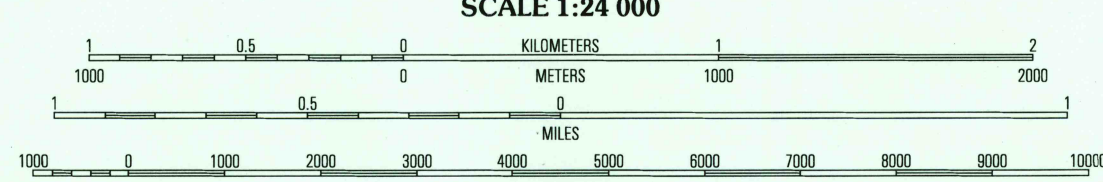
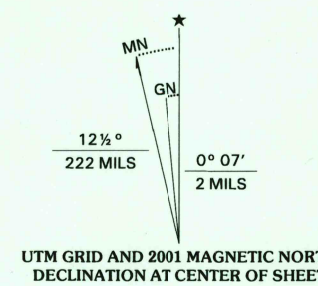


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OCT 31 2001
HISTORICAL MAP ARCHIVES

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 1999. Planimetry derived from imagery
taken 1999 and other sources. Survey control current as of 1943
Boundaries current as of 2001
North American Datum of 1983 (NAD 83). Projection and
1000-meter grid: Universal Transverse Mercator, zone 18
2500-meter ticks: Pennsylvania Coordinate System of 1983
(south zone) and New Jersey Coordinate System of 1983
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
Houses of worship, schools, and other labeled buildings verified 1943



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



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

1	2	3	1 Wind Gap
4	5	3 Bangor	4 Newville
6	7	5 Bloomsbury	6 Hellertown
		7 Ringville	8 Frenchtown

EASTON, PA-NJ
1999

NIMA 5965 11 NW-SERIES V831



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