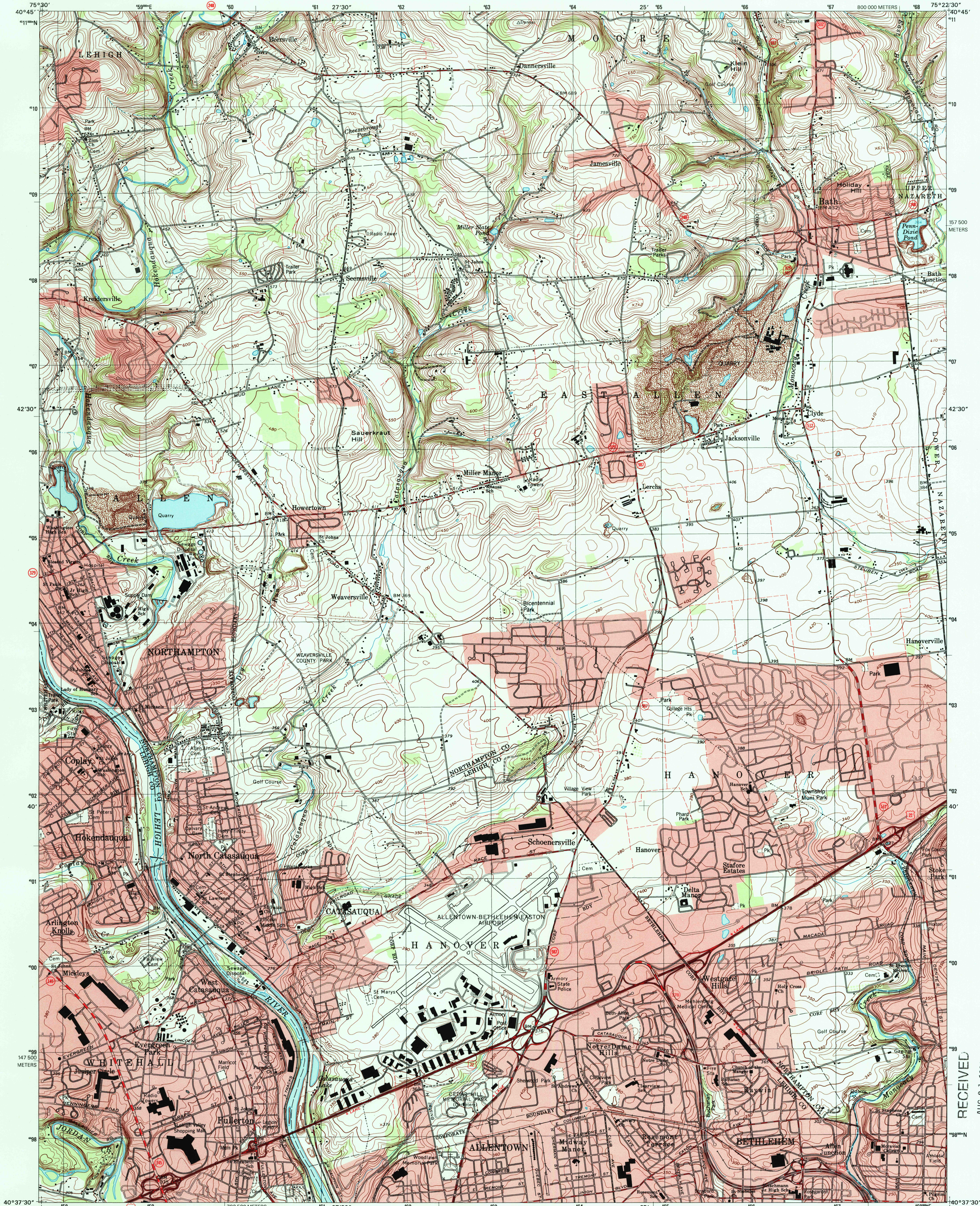
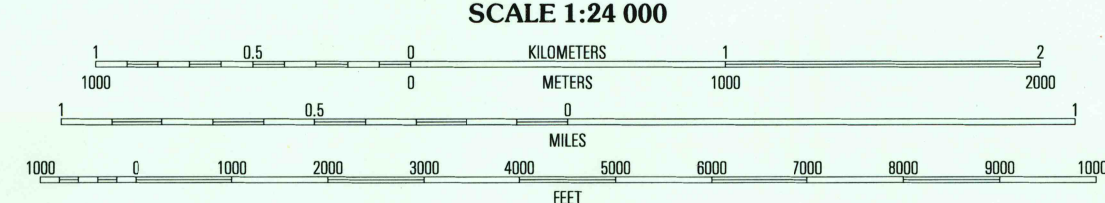
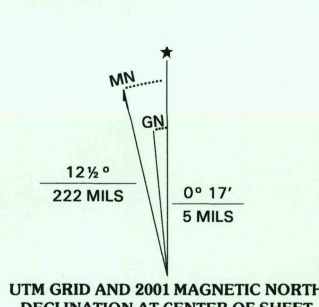


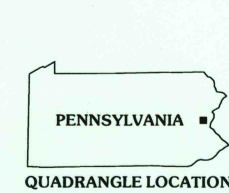


Produced by the United States Geological Survey in cooperation with Pennsylvania Department of Conservation and Natural Resources, Bureau of Topographic and Geologic Survey
Topography compiled 1999. Planimetry derived from imagery taken 1999 and other sources. Survey control current as of 1964. Boundaries current as of 2001.
North American Datum of 1983 (NAD 83). Projection and 1,000-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.
Houses of worship, schools, and other labeled buildings verified 1964.



CONTOUR INTERVAL 10 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



1	2	3
4	5	6
7	8	

ADJOINING 7.5' QUADRANGLE NAMES

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

CATASAUQUA, PA
1999

NIMA 5965 III NW-SERIES V831

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