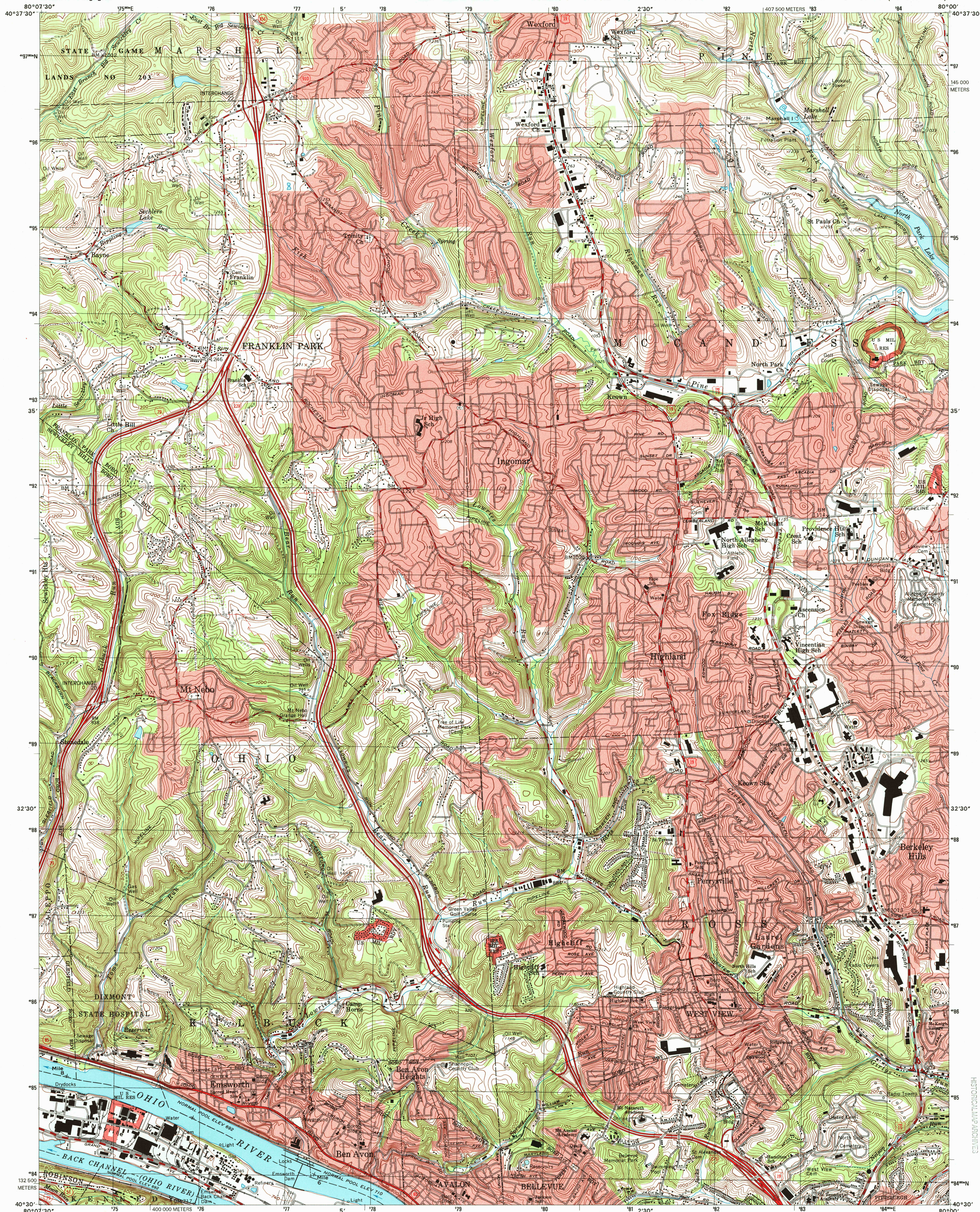




Produced by the United States Geological Survey in cooperation with Pennsylvania Department of Conservation and Natural Resources, Bureau of Topographic and Geologic Survey.

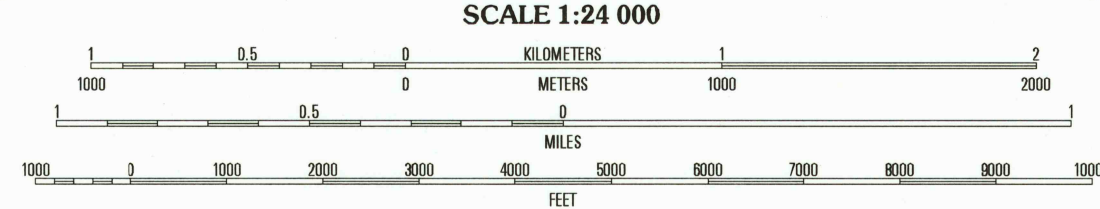
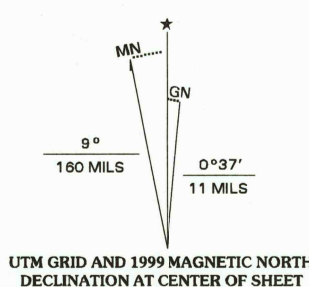
Topography compiled 1993. Planimetry derived from imagery taken 1993 and other sources. Survey control current as of 1960.

North American Datum of 1983 (NAD 83). Projection and 1 000-meter grid: Universal Transverse Mercator, zone 17, 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.

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

Landmark buildings verified 1960.



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
Secondary highway
hard surface

Light-duty road, hard or
improved surface

Unimproved road

Interstate Route U.S. Route State Route

1	2	3	1 Baden
			2 Mars
			3 Valencia
4		5	4 Amherst
			5 Glenview
			6 Oakdale
6	7	8	7 Pittsburgh West
			8 Pittsburgh East

ADJOINING 7.5 QUADRANGLE NAMES

EMSWORTH, PA
1993

NIMA 4965 II SE-SERIES V831

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HISTORICAL MAP ARCHIVES

