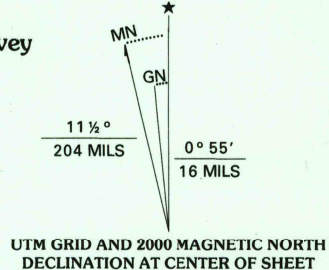


Produced by the United States Geological Survey
in cooperation with Pennsylvania Department of Conservation
and Natural Resources, Bureau of Topographic and Geologic Survey

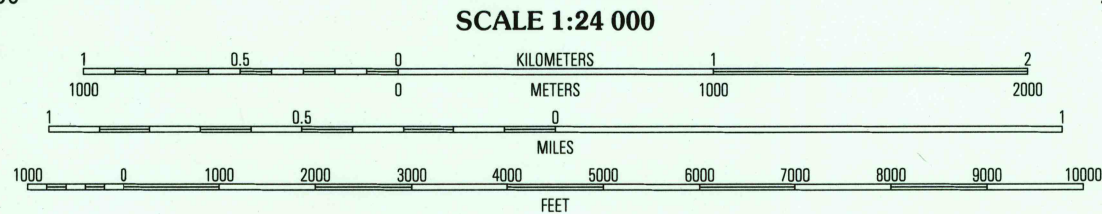
Derived from imagery taken 1992 and other sources. Photospectroscopic
imagery taken 1997; no major culture or drainage changes
observed. Survey control current as of 1995

Boundaries, other than corporate, revised 2000
North American Datum of 1927 (NAD 27). Projection and
10 000-foot ticks. Pennsylvania coordinate system, south 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

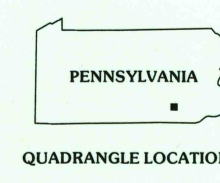


UTM GRID AND 2000 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET



SCALE 1:24 000
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 Light-duty road, hard or improved surface
Secondary highway hard surface Unimproved road
Interstate Route U.S. Route State Route

1	2	3
4	5	6
7	8	9

ADJOINING 7.5 QUADRANGLE NAMES

COLUMBIA EAST, PA
1997

NIMA 5764 III SW-SERIES V831

RECEIVED
JAN 31 2000

USGS WILU
HISTORICAL MAP ARCHIVES

