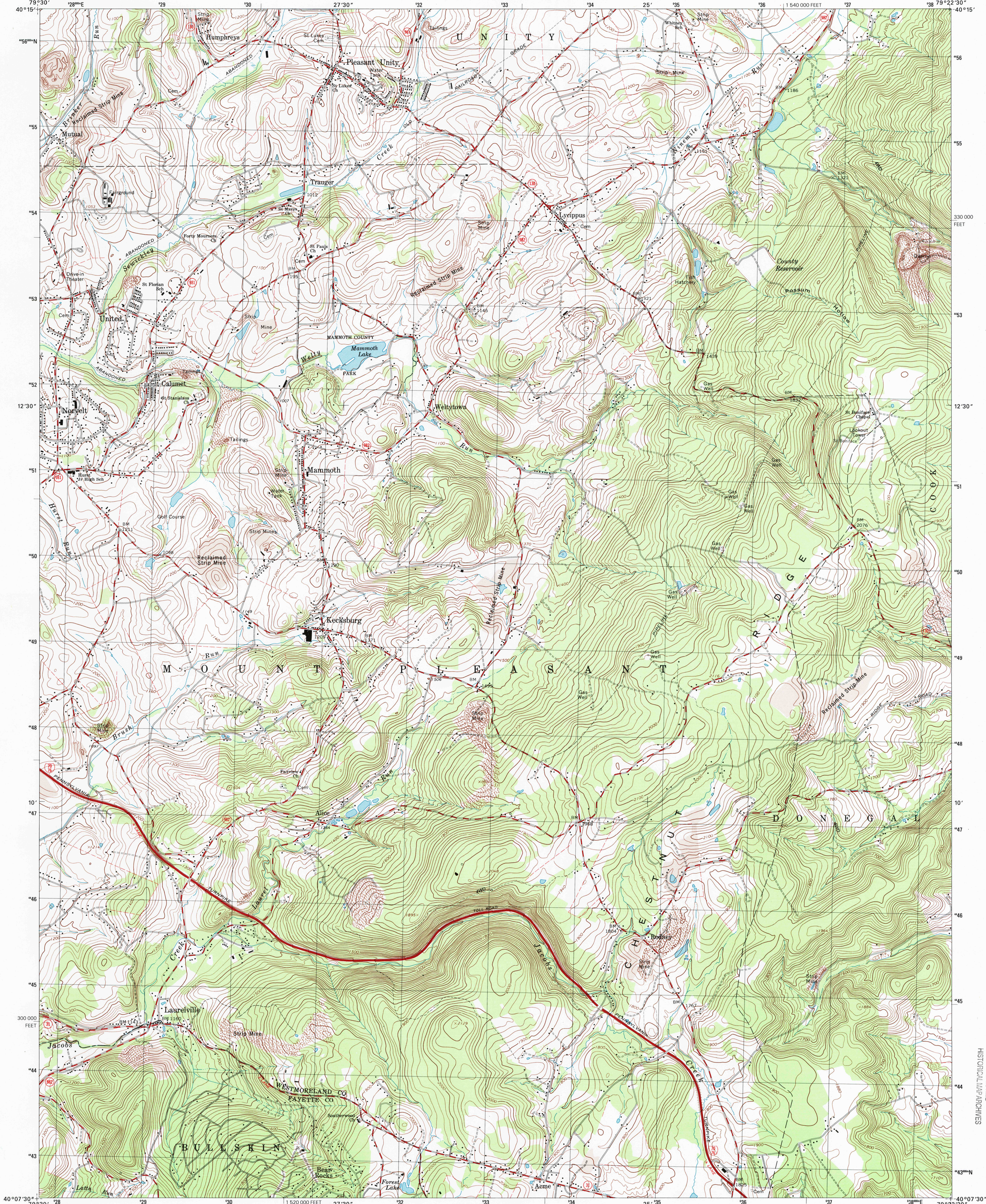




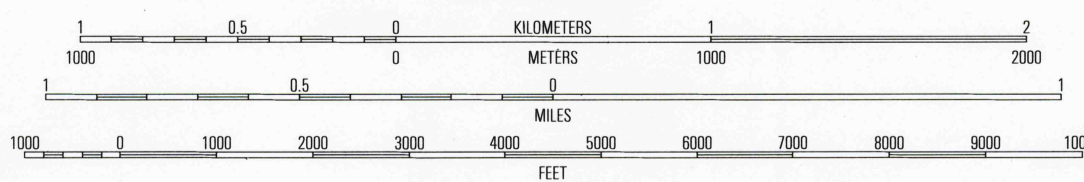
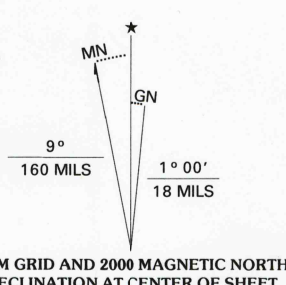
Produced by the United States Geological Survey
in cooperation with Pennsylvania Department of Conservation
and Natural Resources, Bureau of Topographic and Geologic Survey

Topography compiled 1967. Planimetry derived from imagery taken
1988 and other sources. Photospectroscopy using imagery dated 1997;
no major culture or drainage changes observed. Survey control
current as of 1967. Boundaries verified 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 17

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

Light brown tint indicates reclaimed strip mined areas



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048



ROAD CLASSIFICATION

Primary highway
hard surface
Secondary highway
hard surface
Unimproved road

Light-duty road, hard or
improved surface
Unimproved road

Interstate Route
U.S. Route
State Route

1	2	3
4	5	6
7	8	9

ADJOINING 7.5' QUADRANGLE NAMES

MAMMOTH, PA
1997

NIMA 5164 III NW-SERIES V831

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NOV 9 2000
USGS NHD
HISTORICAL MAP ARCHIVES

