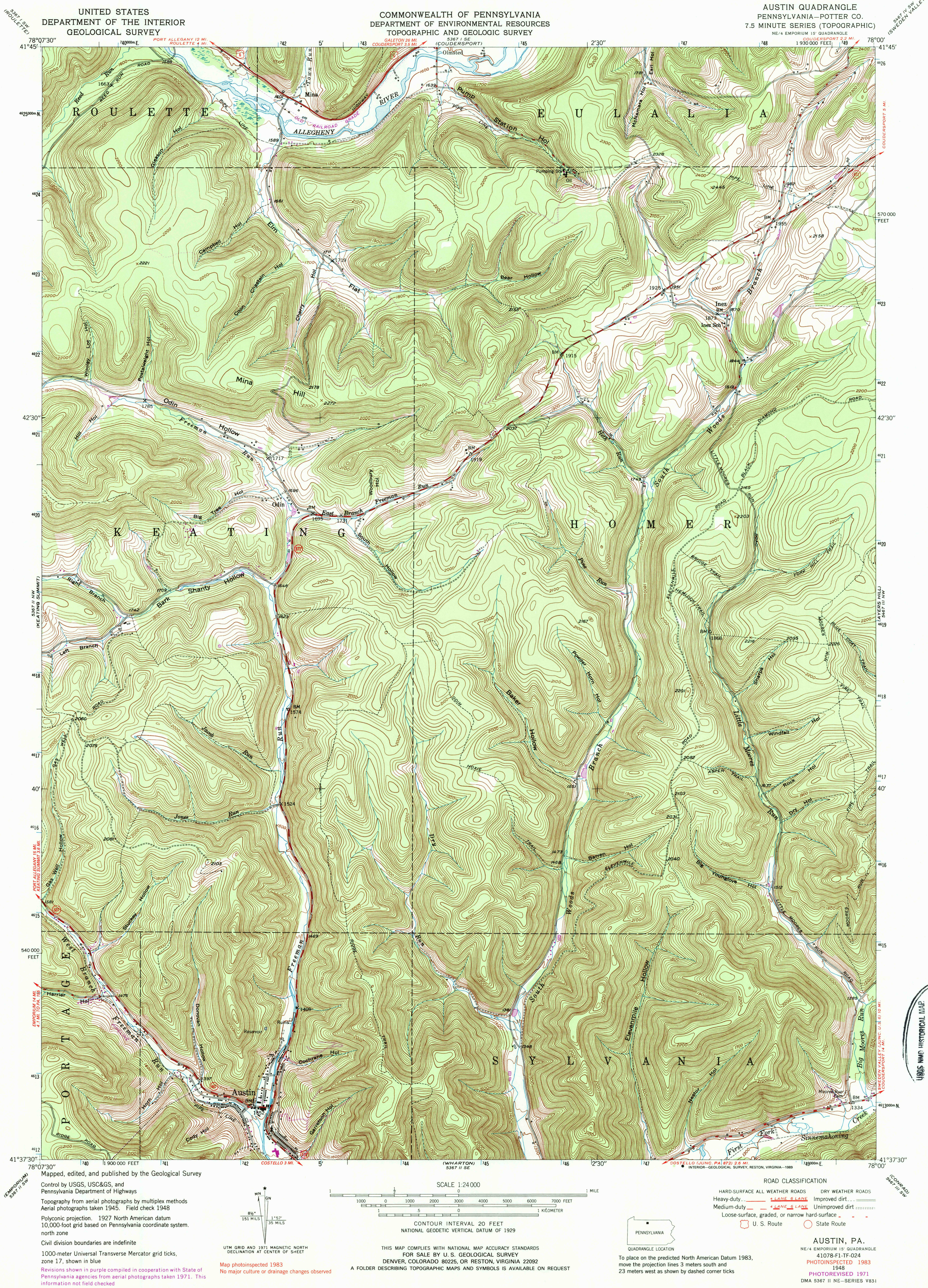


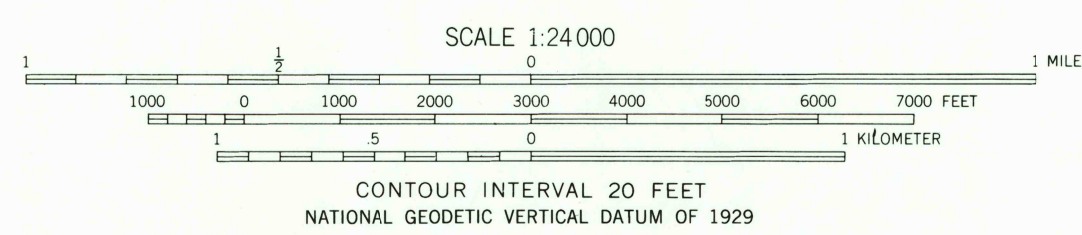
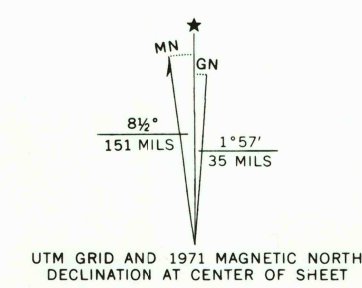


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
TOPOGRAPHIC AND GEOLOGIC SURVEY

AUSTIN QUADRANGLE
PENNSYLVANIA—POTTER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and
Pennsylvania Department of Highways
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1945. Field check 1948
Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system.
north zone
Civil division boundaries are indefinite
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue
Revisions shown in purple compiled in cooperation with State of
Pennsylvania agencies from aerial photographs taken 1971. This
information not field checked



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



To place on the predicted North American Datum 1983,
move the projection lines 3 meters south and
23 meters west as shown by dashed corner ticks

ROAD CLASSIFICATION

HARD SURFACE ALL WEATHER ROADS	DRY WEATHER ROADS
Heavy-duty — 4 LANE 6 LANE	Improved dirt —
Medium-duty — 4 LANE 6 LANE	Unimproved dirt —
Loose-surface, graded, or narrow hard-surface —	
U.S. Route	State Route

AUSTIN, PA.
NE/4 EMPORIUM 15' QUADRANGLE
41078-F1-TF-024
PHOTOINSPECTED 1983
1948
PHOTOREVISED 1971
DMA 5367 II NE—SERIES V831

1985 NAD HISTORICAL MAP:
FEB 03 1989
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