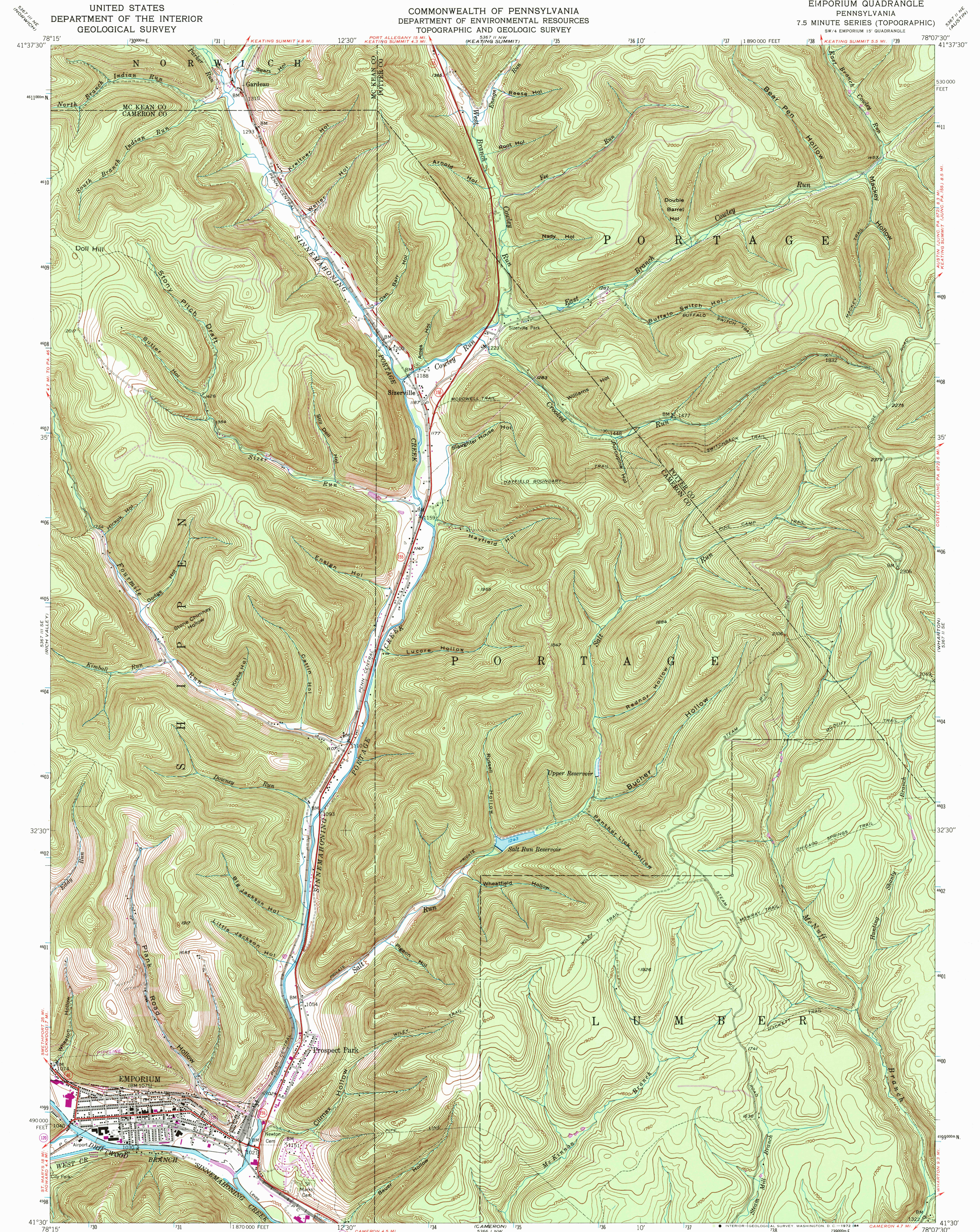




Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

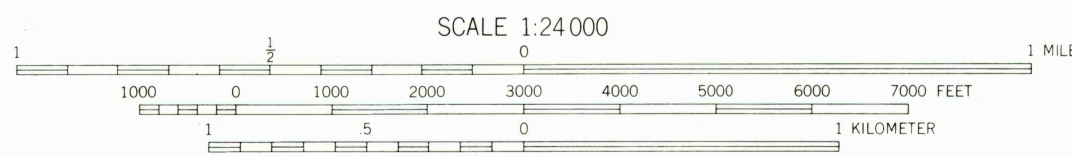
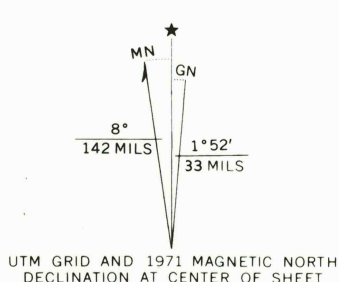
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1945. Field check 1948

Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system,
north zone

Civil division boundaries are approximate

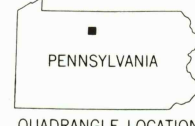
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue

Revisions shown in purple compiled in cooperation with State of
Pennsylvania agencies from aerial photographs taken 1971. This
information not field checked



CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS.
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



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

EMPORIUM, PA.
SW 4 EMPORIUM 15' QUADRANGLE
N4130-W7807.5/7.5

1948
PHOTOREVISED 1971
AMS 5367 II SW-SERIES V831