

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

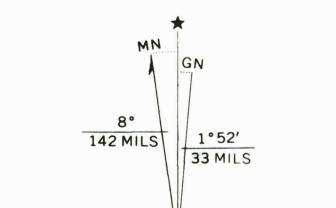
1000-meter Universal Transverse Mercator grid ticks,

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

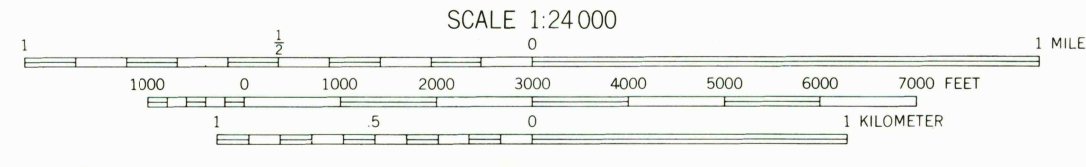


UTM GRID AND 1971 MAGNETIC NORTH

DECLINATION AT CENTER OF SHEET

Map photosinspected 1983

No major culture or drainage changes observed



CONTOUR INTERVAL 20 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY

DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

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

EMPORIUM, PA.

SW 1/4 EMPORIUM 15' QUADRANGLE

41078-E2-TF-024

PHOTOINSPECTED 1983

1948

PHOTOREVISED 1971

DMA 5367 II SW-SERIES V831

USGS INFO HISTORICAL
MAP ARCHIVES
SEP 13 1995
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