



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

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1948

SCALE 1:24,000  
1 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 5 0 5 10 KILOMETER  
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 25, D. C.  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS  
Historical File  
Topographic Division

U.S.G.S.  
FILE COPY  
Inspection and Editing

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.  
ROAD CLASSIFICATION  
HARD-SURFACE ALL WEATHER ROADS DRY WEATHER ROADS  
Heavy-duty ——— 2 LANE IS LANE Improved dirt ———  
Medium-duty ——— 1 LANE IS 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  
EDITION OF 1950