



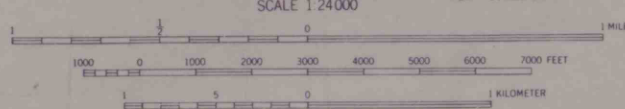
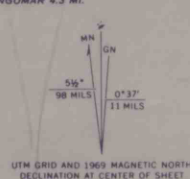
Maped, edited, and published by the Geological Survey  
Control by USGS and USCGS

Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1952. Field check 1953

Polyconic projection. 1927 North American datum  
10,000 foot grid based on Pennsylvania coordinate system,  
south zone  
1000-meter Universal Transverse Mercator grid ticks, zone 17,  
shown in blue

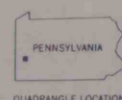
Revisions shown in purple compiled in cooperation with  
State of Pennsylvania agencies, from aerial photographs taken 1969  
This information not field checked

Purple tint indicates extension of urban areas



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



QUADRANGLE LOCATION

ROAD CLASSIFICATION  
Heavy duty ——— Light duty ———  
Medium duty ——— Unimproved dirt ———  
U.S. Route ——— State Route ———  
Interstate Route ———

MARS, PA.  
NE/4 SEWICKLEY 15 QUADRANGLE  
N4037.5-W8000/7.5

1953  
PHOTOREVISED 1969  
AMS 4965 II NE-SERIES V831

IMAPS # 18890