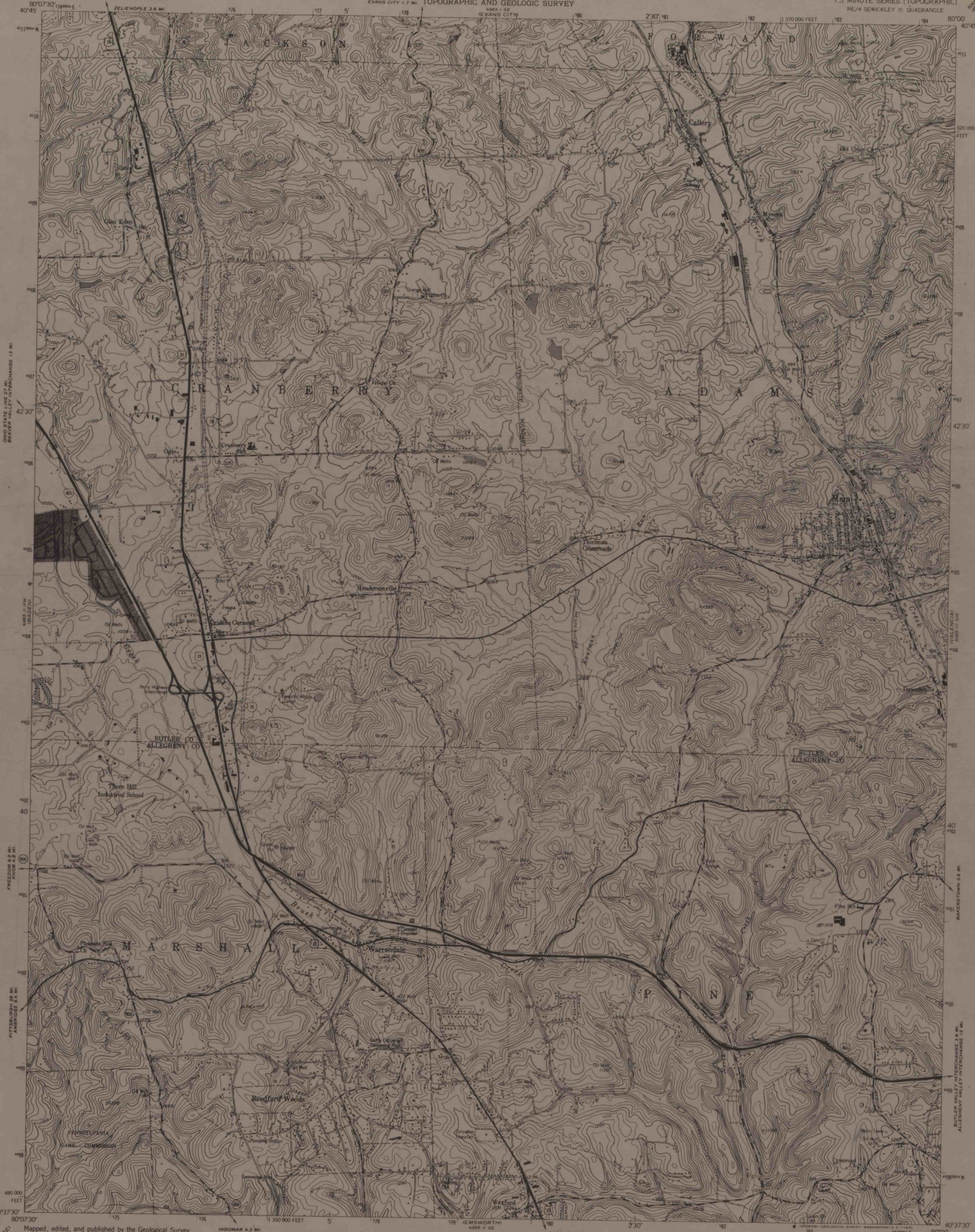


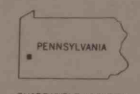
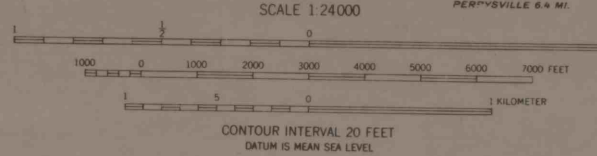
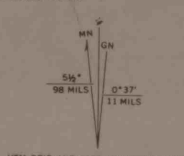
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY

MARS QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 SEWICKLEY 15 QUADRANGLE



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
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



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

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

MARS, PA.
NE/4 SEWICKLEY 15 QUADRANGLE
N4037.5-W8000/7.5
1953
PHOTOREVISED 1969
AMS 4965 II NE-SERIES V831

IMAPS # 18887