

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WARREN QUADRANGLE
PENNSYLVANIA—WARREN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 WARREN 15' QUADRANGLE



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

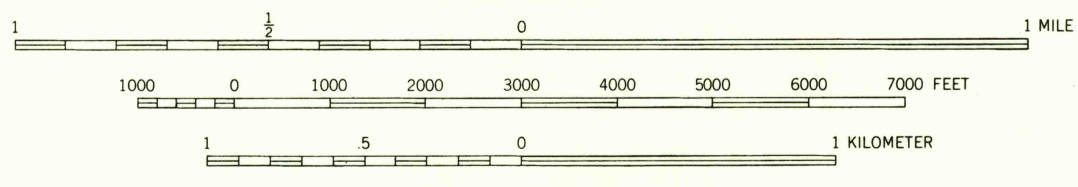
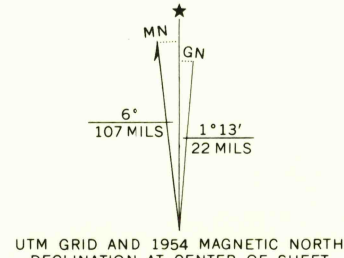
Topography from aerial photographs by photogrammetric
methods. Aerial photographs taken 1953. Field check 1954

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

Red tint indicates area in which only
landmark buildings are shown

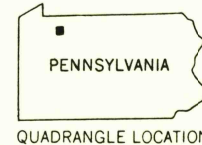
Unlabelled wells are oil wells
Oil and gas wells omitted in
labeled oil field areas

Unchecked elevations are shown in brown
1000-meter Universal Transverse Mercator grid ticks.
zone 17. shown in blue



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

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION



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

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TOPOGRAPHIC DIVISION

WARREN, PA.
SW/4 WARREN 15' QUADRANGLE
N4145—W7907.5/7.5
1954
AMS 5167 I SW—SERIES V83 I

OCT 1 4 1965
2740