

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

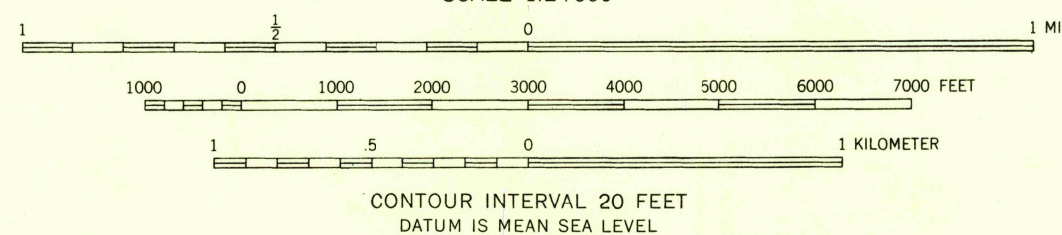
WARREN QUADRANGLE
PENNSYLVANIA—WARREN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 WARREN 15' QUADRANGLE



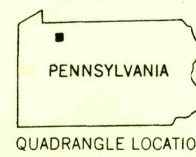
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Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric
methods. Aerial photographs taken 1953. Field check 1954
Polyconic projection. 1927 North American datum
10,000-foot 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

TRIPLE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1954



USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION



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

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WARREN, PA.
SW/4 WARREN 15' QUADRANGLE
N 4145—W 7907.5/7.5
1954

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST