

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

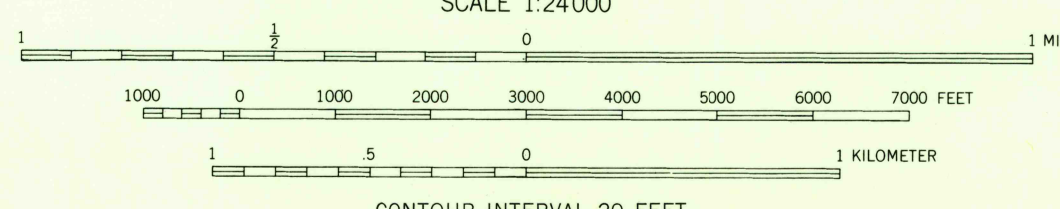
KIRKWOOD QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

SE/4 QUARRYVILLE 15' QUADRANGLE
LANCASTER 23 MI.
NINEPOINTS 3.3 MI.



Mapped, edited, and published by the Geological Survey
Control by USGS, USCE, and USSCS
Topography from aerial photographs by Kelsh plotter
Aerial photographs taken 1952. Field check 1955
Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system,
south zone. 1,000-meter Universal Transverse Mercator grid
ticks, zone 18, shown in blue
Unchecked elevations are shown in brown
Fine red dashed lines indicate selected fence and field lines
visible on aerial photographs. This information is unchecked

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1955



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



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

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TOPOGRAPHIC DIVISION

KIRKWOOD, PA.
SE/4 QUARRYVILLE 15' QUADRANGLE
N 3945'—W 7600' 7.5

1955

JUL - 2 1957

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