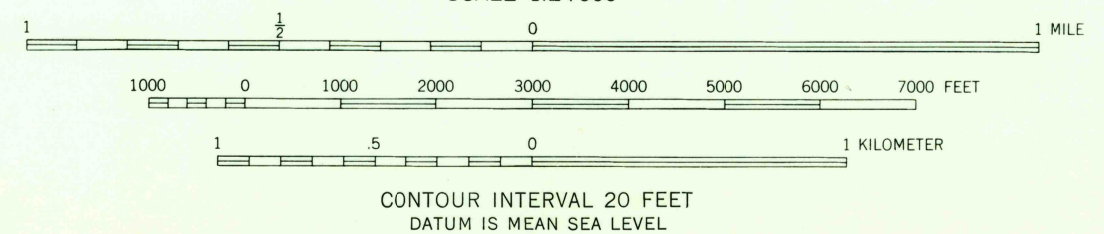
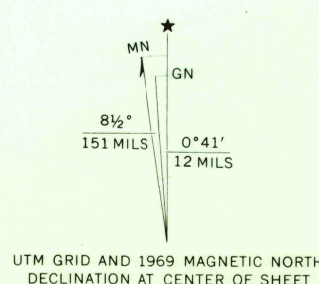


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

KIRKWOOD QUADRANGLE  
PENNSYLVANIA  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
SE 1/4 QUARRYVILLE 15' QUADRANGLE  
LANCASTER 23 MI.  
NINE POINTS 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 where  
generally visible on aerial photographs. This information is unchecked  
Revisions shown in purple compiled in cooperation with State of  
Pennsylvania agencies from aerial photographs taken 1969. This  
information not field checked



USGS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION



ROAD CLASSIFICATION  
Heavy-duty ——— Light-duty ———  
Medium-duty ——— Unimproved dirt ———  
U.S. Route ——— State Route ———  
KIRKWOOD, PA.  
1/4 QUARRYVILLE 15' QUADRANGLE  
N 3945-W 7600/7.5  
1955  
PHOTOREVISED 1969  
AMS 5763 1 SE-SERIES V831

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

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