



Maped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1962. Field checked 1964
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
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 1972. This information not field checked

UTM GRID AND 1972 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

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

STRUCTURAL CONTOURS ON BASE OF
LOWER KITTANNING COAL SEAM

ROAD CLASSIFICATION	ROAD CLASSIFICATION
Heavy-duty	Light-duty
Medium-duty	Unimproved dirt

U.S. Route State Route

VINTONDALE, PA.
N4022.5—W7852.5/7.5
1964
PHOTOREVISED 1972
AMS 5264 IV NW—SERIES V831

IMAPS # 1108