



Maped, edited, and published by the Geological Survey  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial  
photographs taken 1958. Field checked 1960  
Polyconic projection. 10,000-foot grid ticks based on  
Ohio coordinate system, north and south zones  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue  
1927 North American Datum  
To place on the predicted North American Datum 1983  
move the projection lines 4 meters south and  
15 meters west as shown by dashed corner ticks  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked  
Entire area lies within the Old Seven Ranges  
Land lines based on the Ohio River Base

UTM GRID AND 1985 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

61° 116 MILS  
0° 02' 1 MIL

SCALE 1:24,000  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
CONTOUR INTERVAL 20 FEET

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 0 1 2 3 4 5 6 7 8 9 10 KILOMETER

ROAD CLASSIFICATION

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

OHIO

U.S. GEOLOGICAL SURVEY  
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HARRISVILLE, OHIO  
40080-88-TF-024  
1960  
PHOTOREVISED 1985  
DMA 4864 III NW - SERIES V852