UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL SURVEY

HARROD QUADRANGLE
OHIO
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 ALGER 15' QUADRANGLE

(CAIRO) (ALDA) (BEAVERDAM) (WAYNESFIELD) (UNIOPOLIS) (ROUNDHEAD) (LIMA) (ALGER)

84°00' 83°52'30" 40°45' 40°37'30" 42'30" 40' 57'30" 55' 1 610 000 FEET 390 000 FEET 360 000 FEET 247000m.E. 256000m.E. 4514000m.N. 4501000m.N.

R.7E. R.8E. R.9E. T.3S. T.4S. T.5S.

J A C K S O N
A U G L A I Z E
W A Y N E
B E A T H Y
L I B E R T Y
P E R R Y
M A R I O N
U N I O N
R O U N D H E A D

Heidelberg Ch
Fisher Cem
High Street Ch
Radio Tower
Maysville
Maysville Ch
Grange Hall
Helner Cem
Harrod Cem
Ridge Cem
Hullibarger Cem
Westminster (Sta)
Harrod (BM 991)
Westminster
Auglaize Ch
Smith Cem
Salem Cem
Gravel Pit
Shockey Cem
Ward Cem
Mt Zion Ch
Cem
West Newton
Horn Cem
Mark Hill Cem
Hopewell Ch
Cem

ALLEN CO
HARDIN CO
AUGLAIZE CO

BM 991 BM 974 BM 997 BM 1002 BM 990 BM 995 BM 980 BM 1034 BM 1047 BM 1065

ERIE LACKAWANNA
PIPELINES
PIPELINE
Auglaize River

LIMA (CH.) 6.2 MI. & MI. TO INTERSTATE 75
LAFAYETTE 0.7 MI.
1.8 MI. TO OHIO 81
HUNTERSVILLE 6.3 MI. KENTON 16 MI.
LIMA (CH.) VIA U.S. 30S 6.6 MI. 4.3 MI. TO U.S. 30S
ALGER 1.9 MI. MC GUFFEY 5 MI.
4.8 MI. TO OHIO 55
1.4 MI. TO OHIO 69
WAYNESFIELD 1.7 MI. NEW HAMPSHIRE 5.8 MI.
HOLDEN 2.1 MI. BELLEFONTAINE 21 MI.

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1959–60. Field checked 1961

Polyconic projection. 1927 North American datum
10,000-foot grid based on Ohio coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

Entire area lies within Congress Lands
Land lines based on the First Principal Meridian

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

1½° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1961

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER
CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

OHIO
QUADRANGLE LOCATION

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, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division

HARROD, OHIO
NW/4 ALGER 15' QUADRANGLE
N4037.5—W8352.5/7.5
1961

AUG - 8 1980
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