UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

# BRADNER QUADRANGLE
OHIO
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 ELMORE 15' QUADRANGLE

4366 I NE (DUNBRIDGE)
4366 IV NE (ELMORE)
4366 I SE (JERRY CITY)
4366 IV SE (HELENA)
4366 II NE (BLOOMDALE)
4366 II NE (BASCOM)

83°30' 41°22'30" 83°22'30" 41°15' 83°30' 27'30" 25' 17'30" 20'

292 000m E. 293 294 295 297 299 300 301
4583 000m N. 4582 4581 4580 4579 4578 4577 4576 4575 4574 4573 4572 4571 4570 4569 000m N.

1 750 000 FEET
620 000 FEET
580 000 FEET

R. 12 E. R. 13 E.

T. 5 N.
T. 4 N.
T. 3 N.

PEMBERVILLE 2.7 MI.
20 MI. TO INTERSTATE 75
7 MI. TO U.S. 20
6 MI. TO INTERSTATE 75 PERRYSBURG 16 MI.
HELENA 1.3 MI.
13 MI. TO U.S. 20
0.5 MI. TO OHIO 199
TINNEY 4.9 MI.
FOSTORIA (U.S. 23) 7 MI.
FOSTORIA (OHIO 199) 5 MI.

F R E E D O M
M A D I S O N
M O N T G O M E R Y
S C O T T
P E R R Y
J A C K S O N

Woodside
Rollersville
Bradner
Wayne
Risingsun
Hatton

WOOD CO
SANDUSKY CO
SENECA CO

Portage River
South Br Portage R
East Br Portage R
Sugar Creek
Muddy Creek
North Branch

PENN CENTRAL
CHESAPEAKE AND OHIO
PIPELINE
WAYNE ROAD
PEMBERVILLE ROAD
BRADNER ROAD
WOOD CO ROAD
ROLLERSVILLE ROAD
DAIRYVIEW ROAD
STEIN ROAD
KIMBALL ROAD
BOLEN ROAD
SCHADE ROAD
FOOS DITCH
HOLCOMB ROAD
PORTAGE ROAD
CALDWELL RD
DOUGLAS ROAD
WARNER ROAD
GREENSBURG PIKE
MERMILL ROAD
GRAHAM ROAD
GIRTON ROAD
BELL ROAD
BAYS ROAD
HANGSTELLER ROAD
JERRY CITY ROAD
DEIDER ROAD
FOREST ROAD
BOWE ROAD
BURNETT ROAD
HOFF ROAD
TIMMON ROAD
LANDING STRIP ROAD
WOLLAM ROAD
SCHWAN ROAD
RIEF ROAD
OYSTER ROAD

Oil Well
Oil Wells
Roadside Park
Graham Cem
Church Camp
St James Ch
Cem
WT
BM
Sandpits

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Planimetry by photogrammetric methods from aerial photographs taken 1951. Topography by planetable surveys 1958. Revised from aerial photographs taken 1969. Field checked 1969

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

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

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

Map photoinspected 1977
No major culture or drainage changes observed

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

MN GN
2° 36 MILS 1°36' 29 MILS
UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

OHIO
QUADRANGLE LOCATION

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

ROAD CLASSIFICATION

| | |
|---|---|
| Primary highway, all weather, hard surface | Light-duty road, all weather, improved surface |
| Secondary highway, all weather, hard surface | Unimproved road, fair or dry weather |
| U. S. Route | State Route |

BRADNER, OHIO
SW/4 ELMORE 15' QUADRANGLE
N4115—W8322.5/7.5

1969
PHOTOINSPECTED 1977
AMS 4366 IV SW—SERIES V852

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1990

USGS NMD HISTORICAL MAP
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