

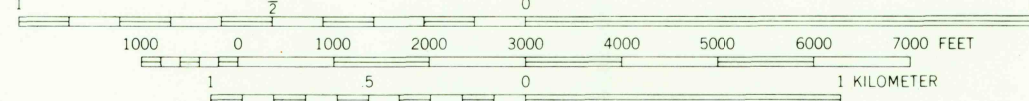
Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS

Planimetry by photogrammetric methods from aerial photographs  
taken 1951. Topography by planetable surveys 1958. Revised from  
aerial photographs taken 1969. Field checked 1959

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

UTM GRID AND 1963 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET



CONTOUR INTERVAL 5 FEET  
DATUM IS MEAN SEA LEVEL

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

ROAD CLASSIFICATION

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



BRADNER, OHIO  
SW/4 ELMORE 15' QUADRANGLE  
N4115-W832.5/7.5

1969  
AMS 4366 IV SW-SERIES W82

3140

SEP 13 1971

USGS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION