



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

BREMEN QUADRANGLE  
OHIO  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
NW/4 LOGAN 15' QUADRANGLE

Maped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1960. Field checked 1961  
Polyconic projection. 1927 North American datum.  
10,000-foot grid based on Ohio coordinate system, south zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue  
Entire area lies within Congress Lands east of the Scioto River  
Land lines based on the Ohio River Base  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked

SCALE 1:24,000  
CONTOUR INTERVAL 20 FEET  
DATUM IS MEAN SEA LEVEL

USGS  
Historical File  
Topographic Division

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

OHIO  
QUADRANGLE LOCATION

BREMEN, OHIO  
NW/4 LOGAN 15' QUADRANGLE  
N3937.5—W8222.5/7.5  
1961

2700