UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

EAST PALESTINE QUADRANGLE
OHIO—PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

4865 I NW (COLUMBIANA)
4865 IV NW (BESSEMER)
80°37'30" 40°52'30"
2 000m.E.
1 210 000 FEET (PA.)
COLUMBIANA 5.6 MI.
NEW SPRINGFIELD 3.6 MI.
4865 I NE (NEW MIDDLETOWN)
PETERSBURG 3.1 MI.
2 550 000 FEET (OHIO)
80°30' 40°52'30"
4524 000m.N.
570 000 FEET (PA.)
440 000 FEET (OHIO)
1.7 MI. TO OHIO 7
EAST FAIRFIELD 0.6 MI.
ELKTON 6 MI.
SIGNAL 2 MI.
DARLINGTON 4.4 MI.
ROCHESTER 16 MI.
CANNELTON 1.6 MI.
3.4 MI. TO PA. 51
7.3 MI. TO PA. 51
WEST MAYFIELD 11 MI.
T. 8 N.
T. 7 N.
4865 I SW (ELKTON)
4965 IV SW (NEW GALILEE)
410 000 FEET (OHIO)
530 000 FEET (PA.)
4511 000m.N.
2 520 000 FEET (OHIO)
CLARKSON 0.2 MI.
R. 1 W.
FREDERICKTOWN 3.1 MI.
7.8 MI. TO U.S. 30 & OHIO 7
4865 II NE (EAST LIVERPOOL NORTH)
1 230 000 FEET (PA.)
542 000m.E.
40°45' 80°30'
(WEST POINT) 4865 II NW
(MIDLAND) 4965 II NW

Beaver Lake
Brick Ch
Cem.
Pit
Unity
BM 1222
BM 1226
BM 1200
North Fork Little Beaver Cr
BM 1019
LITTLE BEAVER
Strip Mines
PIPELINE
COLUMBIANA CO
LAWRENCE CO
BEAVER CO
Trailer Park
BM 1078
New Waterford Cem
Water
New Waterford (BM 1063)
Substation
Gas Well
BM 1048
Bull Run
PENN CENTRAL
St Marys Cem
BM 1134
Leslie Run
High Sch
BM 1043
NORTH MARTIN STREET
CLARK STREET
JAMES STREET
AVE
PO
BM 1032
BM 1020
BM 1022
BM 1019
TAGGART STREET
EAST PALESTINE
MAIN STREET
MARKET STREET
LIBERTY STREET
Fenno
Kilns
State Line Lake
BM 1037
City Park
Swimming Pool
Captain Tarbox Sch
Sewage Disposal
Glenview Cem
Water
STRIP MINES
BM 1213
Jimtown
Landing Strip
Strip Mines
Run
OHIO PENNSYLVANIA
Stateline
W Fk
Cr
DARLINGTON
Mason Rich Cem
Turkey Creek
PIPELINE
Bull Run
Strip Mine
Creek
SOUTHERN
AND
YOUNGSTOWN
Mill Rock
BM 918
BM 961
Little Beaver Creek
Rogers
Rogers Sch
Trailer Park
Negley
Well
BM 1866
BM 847
Substation
Booth Hill
MIDDLETON
East Carmel
Cem
Union Ridge
Swamp Hollow
Achor
Golf Course
ABANDONED
NORTH FORK LITTLE BEAVER
Spruce Lake
Lake Tomahawk
Camp Hollow
Rough Run
Mt Zion Ch
BM 1256
BM 797
Brush Run
Bliss Hill
SOUTH BEAVER
STRIP MINES

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1956. Field checked 1960

Polyconic projection. 1927 North American datum
10,000-foot grids based on Ohio coordinate system, north zone, and Pennsylvania coordinate system, south 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

Red tint indicates area in which only landmark buildings are shown

Ohio area lies within Congress Lands north of the Old Seven Ranges Land lines based on the Ohio River Base

MN GN
6° 107 MILS 0°17' 5 MILS
UTM GRID AND 1978 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Areas bounded by dashed purple lines and printed with disturbed surface pattern represent reclaimed mining areas

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 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

OHIO
QUADRANGLE LOCATION

Revisions shown in purple compiled in cooperation with State of Ohio agencies from aerial photographs taken 1971 and 1976. Map edited 1978
This information not field checked

ROAD CLASSIFICATION
Heavy duty
Medium-duty
Light-duty
Unimproved dirt
State Route

USGS Historical File Topographic Division
DEC 15 1978
4100

EAST PALESTINE, OHIO—PA.
N 4045—W 8030/7.5
1960
PHOTOREVISED 1971 AND 1978
AMS 4865 I SE—SERIES V852

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1978