UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

MINERAL CITY QUADRANGLE
OHIO
7.5 MINUTE SERIES (TOPOGRAPHIC)

4765 III NW (BOLIVAR)
4765 III NE (WAYNESBURG)
4765 II NW (MALVERN)
4765 III SW (DOVER)
4765 II SW (DELLROY)
4764 IV NW (NEW PHILADELPHIA)
4764 IV NE (UHRICHSVILLE)
4764 I NW (BOWERSTON)

81°22'30" 40°37'30" 81°15' 40°30'

469000m E. 471 20' 472 475 17'30" 478 2 340 000 FEET 350 000 FEET

R. 1 W. R. 7 W.

4496000m N. 4495 4494 4493 35' 4492 4491 4490 4489 4488 32'30" 4487 4486 4485 310 000 FEET 4484 4485000m N. 4496

T. 10 N. T. 9 N. T. 16 N. T. 15 N. T. 9 N. T. 8 N.

CANTON (P.O.) 13 MI.
EAST SPARTA 3 MI.
MAGNOLIA 2 MI.
DOVER 8.3 MI.
ZOARVILLE 0.9 MI.
ZOAR 4.5 MI.
ZOARVILLE 1.4 MI.
NEW PHILADELPHIA (VIA OHIO 16) 6.2 MI.
3.2 MI. TO OHIO 16
1.3 MI. TO OHIO 39
DELLROY 3 MI.
CARROLLTON (VIA OHIO 39) 11 MI.
SHERRODSVILLE 1.1 MI.
BOWERSTON 6.8 MI.

MINERAL CITY
SOMERDALE
JOHNSTON
LINDENTREE
NEW CUMBERLAND
BARRICK
HOLMES CH
ST MATTHEWS CH
MT TABOR CEM
PLEASANT VALLEY CEM
GERMAN CEM
HARMONY CEM
DEEP SPRINGS CEM
ZION CEM
TOWNHALL

SANDY
FAIRFIELD
MONROE
WARREN
GOSHEN
ORANGE
ROSE

SANDY CREEK
HUFF RUN
DOG RUN
BROWNS RUN
BUCK HOLLOW
BEGGAR RUN
INDIAN FORK
SPRINGS VALLEY
CONOTTON CREEK
OHIO
TUSCARAWAS CO
CARROLL CO

BALTIMORE AND OHIO
PENN CENTRAL
NORFOLK AND WESTERN
UNITED STATES RAILROAD
OLD SEVEN RANGES
MILITARY RANGES
BOUNDARY
EAST WEST
GRADE
PIPELINES
STRIP MINES
STRIP MINE
GAS WELL
OIL WELL
KILNS
FLOODGATE
GAGING STATION
BM 957
BM 938
BM 897
BM 931
BM 889
BM 921
BM 898
BM 924
BM 912
BM 905
BM 925
BM 939
BM 963
BR 937
BR 966
BR 912
BR 905
BR 963
MUSKINGUM WATERSHED CONSERVANCY DISTRICT
ATWOOD LAKE PARK
ATWOOD RESERVOIR
NORMAL POOL ELEVATION 928

Mapped, 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, north zone. 1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

Land lines within the Old Seven Ranges based on the Ohio River Base
Land lines within the United States Military District based on the Base Line of the United States Military District

Areas covered by dashed light-blue pattern are subject to controlled inundation to 916 feet by Dover Dam, 962 feet by Bolivar Dam and 941 feet by Atwood Reservoir

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

MN GN
4½° 80 MILS 0°12' 4 MILS
UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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
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

OHIO
QUADRANGLE LOCATION

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

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

MINERAL CITY, OHIO
N4030—W8115/7.5
1961
PHOTOREVISED 1971
AMS 4765 III SE—SERIES V852

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1972

AUG 3 1972

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USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION