UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF WEST VIRGINIA
REPRESENTED BY THE
STATE OF WEST VIRGINIA GEOLOGICAL SURVEY
AND OTHER STATE AGENCIES

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

EAST LIVERPOOL SOUTH QUADRANGLE
OHIO–WEST VIRGINIA–PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

4865 II NW (WEST POINT)
4865 II NE (EAST LIVERPOOL NORTH)
4865 III NW (MIDLAND)
4865 II SW (WELLSVILLE)
4865 III SW (HOOKSTOWN)
(KNOXVILLE) 4864 I NW
(WEIRTON) 4864 I NE
(BURGETTSTOWN) 4864 IV NW

80°37'30" 40°37'30" 32'30" 80°30' 35'

32000m E. 533 1 210 000 FEET (PA.) R. 1 W. 536 538 539 540 2 550 000 FEET (OHIO) 1 720 000 FEET (W. VA.) 542 42000m E.

T. 5 N. T. 4 N.

480 000 FEET (PA.) 4495000m N. 4494 4493 4492 4491 4490 4489 4488 4487 4486 4485 4484000m N.
770 000 FEET (W. VA.) 340 000 FEET (OHIO) 440 000 FEET (PA.)
740 000 FEET (W. VA.) 310 000 FEET (OHIO)

1 MILE 1 KILOMETER

LIVERPOOL
OHIO
WEST VIRGINIA
PENN CENTRAL
Mile 45
Mile 46
Mile 42
Mile 55
Mile 56
Newell
Jefferson Sch
Wells High Sch
Reservoir
Water Res
Kilns
Water
Quarry
Glendale Ch
Oil Well
Six STREET
Laurel Hollow HILL
Cunningham ROAD
Whitecoat Run
Oil Well
Strip Mine
Mine
Pits
Tomlinson Run
TOMLINSON RUN STATE PARK
Tomlinson Run Lake
BM 963
Golf Course
Trailer Park
Swimming Pool
Cem
BM 1177
New Manchester
Cherry Lake
Reclaimed Area
Reclaimed Strip Mine
New Cumberland Lock and Dam
NORMAL POOL ELEV 665
NORMAL POOL ELEV 644
HANCOCK CO
JEFFERSON CO
Stratton
Empire (BM 682)
BM 674
BM 885
NEW CUMBERLAND
New Cumberland Cem
Water
Pit
Strip Mine
Reclaimed Strip Mine
Dead Creek
Heron Run
Hardin Run
Wylie Ridge ROAD
Shepherds Run
North Fork
South Fork
Middle Fork
Langfitt Run
Valley ROAD
Stewart Hill
Middle Run
Run
Babbs Island
RIVER
OHIO
EAST LIVERPOOL
Westgate Sch
Edwards Disposal
McKinley Sch
Reservoirs
Municipal Pk
BROADWAY
MAINE
PENNSYLVANIA AVE
W 3rd ST
E 4th ST
Newell Bar
Columbiana Co
Hancock Co
BM 689
Lawrenceville
Grandview Sch
Chester
High Sch
PO
Pumping Sta
UNDER COST MARKS
Pits
Drive-in Theater
Allison
Locust Hill Cem
BM 1238
Gas Well
Emmanuel Mission Ch
Tank
PIPELINES
Mine
Oil Wells
Water
Tomlinson Run Ch Cem
Herron Airport
Oil Wells
Oil Well
Kings Creek
North Fork
Hancock Co
Beaver Co
WEST VIRGINIA
PENNSYLVANIA
GRANT
GREEN
CLAY
WASHINGTON
CONGO
ARROYO
PIPELINE
JEEP TRAIL
WELLSVILLE 1 MI.
WELLSVILLE 6.5 MI.
ARROYO 3.6 MI.
ARROYO 3 MI.
HARSHAVILLE 6.5 MI.
PITTSBURGH 33 MI.
RICHMOND 12 MI.
KNOXVILLE 4 MI.
0.6 MI. TO PA. 158
KENDALL 1 MI.
TORONTO 3 MI.
WEIRTON 6.5 MI.
CANFIELD (VIA OHIO 11) 33 MI.
GLASGOW, PA. 4.3 MI.

Mapped, edited, and published by the Geological Survey

Control by 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 West Virginia, north zone, Pennsylvania, south zone, and Ohio, north zone, coordinate systems
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

The state boundary as shown represents the approximate position of the low water line as determined from U. S. Corps of Engineers Ohio River charts, surveyed 1913, and supplementary information

Red tint indicates areas in which only landmark buildings are shown

Ohio portion lies within the Old Seven Ranges
Land lines based on the Ohio River Base

MN 5½° 98 MILS GN 0°17' 5 MILS
UTM GRID AND 1978 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 ½ 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

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

USGS
Historical File
Topographic Division

NOV 27 1978

EAST LIVERPOOL SOUTH, OHIO–W. VA.–PA.
N4030–W8030/7.5

1960
PHOTOREVISED 1971 AND 1978
AMS 4865 II SE—SERIES V852

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

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1978

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