



Produced by the United States Geological Survey topography compiled 1956. Planimetry derived from imagery taken 1962 and other sources. Photorevised using imagery dated 1996; no major culture or drainage changes observed. Survey control current as of 1960. Boundaries, other than corporate, verified 1999 North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks: West Virginia coordinate system, north zone (Lambert conformal conic). 10 000-foot ticks: West Virginia coordinate system, north zone, and Ohio coordinate system, north zone. 1 000-meter Universal Transverse Mercator grid, zone 17 North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software. Ohio portion lies within the Old Seven Ranges Land lines based on the Ohio River Base. 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. There may be private showings within the boundaries of the National or State Reservations as shown on this map. Information shown in purple may not meet USGS content standards and may conflict with previously mapped contours. Purple hatching indicates areas to be submerged.

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

UTM GRID AND 1999 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway hard surface	Light-duty road, hard or improved surface
Secondary highway hard surface	Unimproved road
Interstate Route	U.S. Route
	State Route

1	2	3	1 West Point
			2 East Liverpool North
			3 Midland
4	5	6	4 Wellsville
			5 Hookstown
			6 Knoxville
			7 Weirton
6	7	8	8 Burgettstown

EAST LIVERPOOL SOUTH, OH-WV-PA
1996
NIMA 4865 II SE-SERIES V854

ADJOINING 7.5' QUADRANGLE NAMES

RECEIVED
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USGS NHD
HISTORICAL MAP ARCHIVES

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