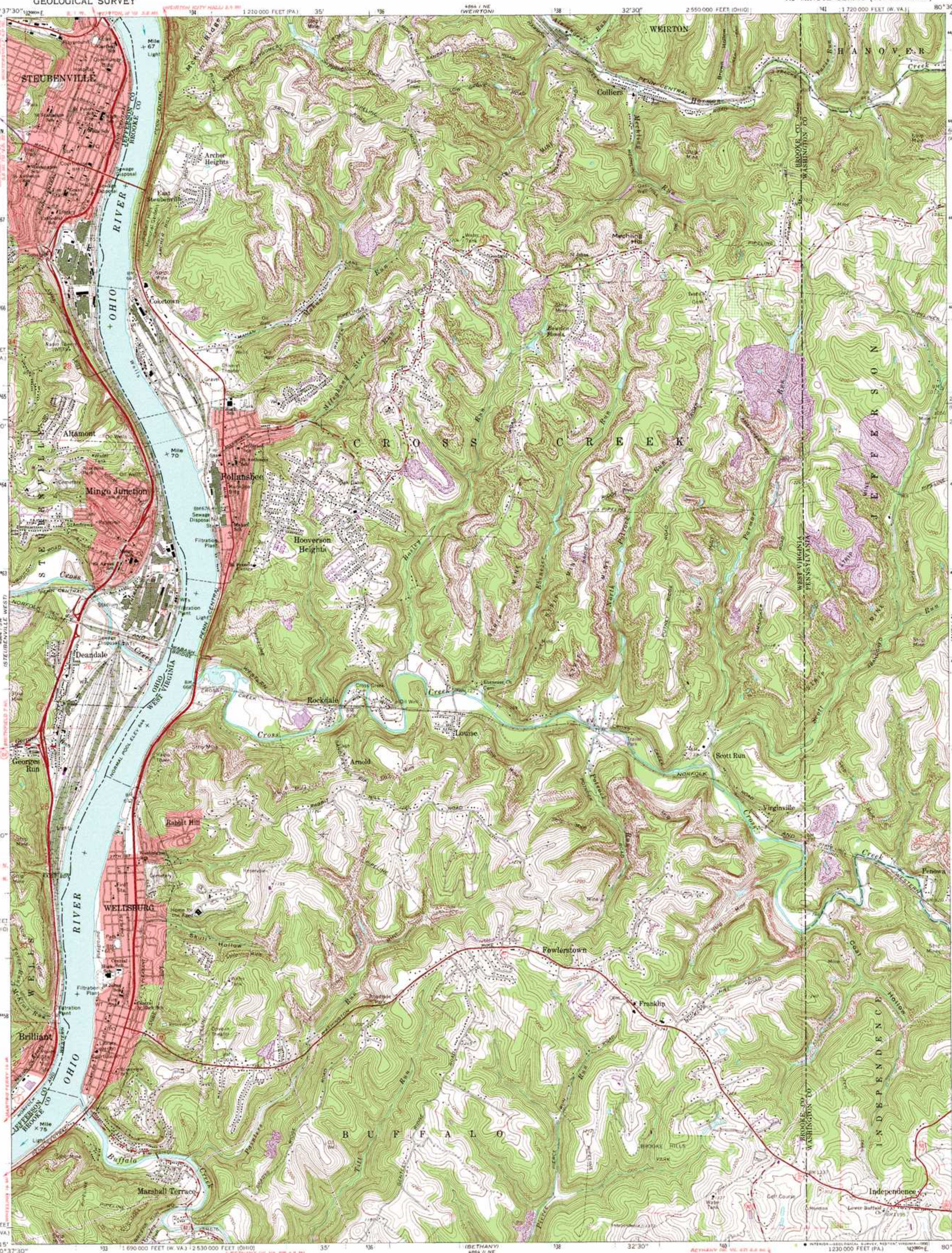
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

# STEUBENVILLE EAST QUADRANGLE
OHIO–WEST VIRGINIA–PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)




Mapped, edited, and published by the Geological Survey
Revised in cooperation with State of Ohio agencies
Control by USGS, USC&GS, and USCE
Topography by photogrammetric methods from aerial photographs taken 1954. Field checked 1958. Revised from aerial photographs taken 1966. Field checked 1968
Polyconic projection. 1927 North American datum
10,000-foot grids based on West Virginia coordinate system, north zone, Pennsylvania coordinate system, south zone and Ohio coordinate system, north 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.
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 area lies within the Old Seven Ranges.
Land lines based on the Ohio River Base

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

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Map photoinspected 1981
No major culture or drainage changes observed

QUADRANGLE LOCATION

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

ROAD CLASSIFICATION

Primary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Secondary highway, all weather, hard surface
Unimproved road, fair or dry weather
U. S. Route
State Route

STEUBENVILLE EAST, OHIO–W. VA.–PA.
N4015–W8030/7.5
PHOTOINSPECTED 1981
1968
PHOTOREVISED 1978
AMS 4864 I SE–SERIES V854