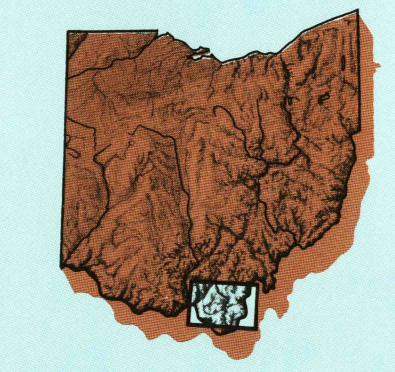


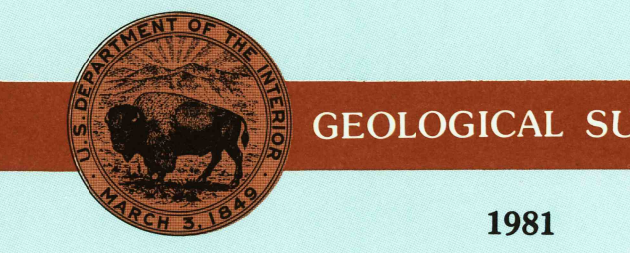


1:100 000-scale metric topographic map of Ironton OHIO—W. VA.—KY.



30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey  
 Compiled from USGS 1:24 000-scale topographic maps dated 1961-1976. Planimetry revised from aerial photographs taken 1975 and other source data. Revised information not field checked. Map edited 1981.  
 Projection and 10 000-meter grid, zone 17 Universal Transverse Mercator  
 25 000-foot grid ticks based on Ohio coordinate system, south zone, West Virginia coordinate system, south zone, and Kentucky coordinate system, north zone 1927 North American Datum  
 To place on the predicted North American Datum 1983 move the projection lines 5 meters south and 11 meters west  
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 20 METERS  
 NATIONAL GEODESIC VERTICAL DATUM OF 1929  
 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	1'	17'	1	2	3
1	3.2808			1	2	3
2	6.5617			4	5	
4	13.1234			6	7	
6	19.6851			8	8	
8	26.2469			9	9	
10	32.8086			10	10	

To convert meters to feet multiply by 3.2808  
 To convert feet to meters multiply by 0.3048

UTM grid convergence (CM) and 1983 magnetic declination (MD) at center of map  
 Diagram is approximate

1	2	3
1 Hillsboro	2 Wellston	3 Parkersburg
4 Marietta	5 Ripley	6 Mouthsville
7 Huntington	8 Charleston	

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Road marker, Interstate, U. S., State
- Railroad: standard gage; narrow gage
- Bridge; overpass; underpass
- Tunnel: road; railroad
- Built up area; locality; elevation
- Airport; landing field; landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U. S. public lands survey: range, township, section
- Range, township, section line, protruded
- National boundary
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; pit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruins; diff dwelling
- Distorted surface: strip mine; levee; sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake; perennial; intermittent
- Rapids, large and small; falls, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request