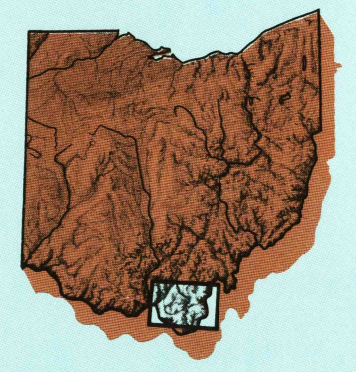


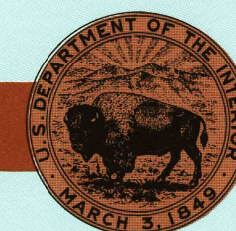


1:100 000-scale metric
topographic map of
Ironton
OHIO—W. VA.—KY.



30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1981

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1961-1978. 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 GEODETIC 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	2	3
1	3.2808		1	2	3
2	6.5617		4	5	
3	9.8425	To convert meters to feet multiply by 3.2808 To convert feet to meters multiply by 0.3048	6	7	8
4	13.1234				
5	16.4042	UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map Diagram is approximate	1	2	3
6	19.6850		4	5	
7	22.9658	To convert meters to feet multiply by 3.2808 To convert feet to meters multiply by 0.3048	6	7	8
8	26.2467				
9	29.5275	UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map Diagram is approximate	1	2	3
10	32.8084		4	5	

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, not
- 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; protracted
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruins; diff dwelling
- Disturbed surface: strip mine, lava; 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