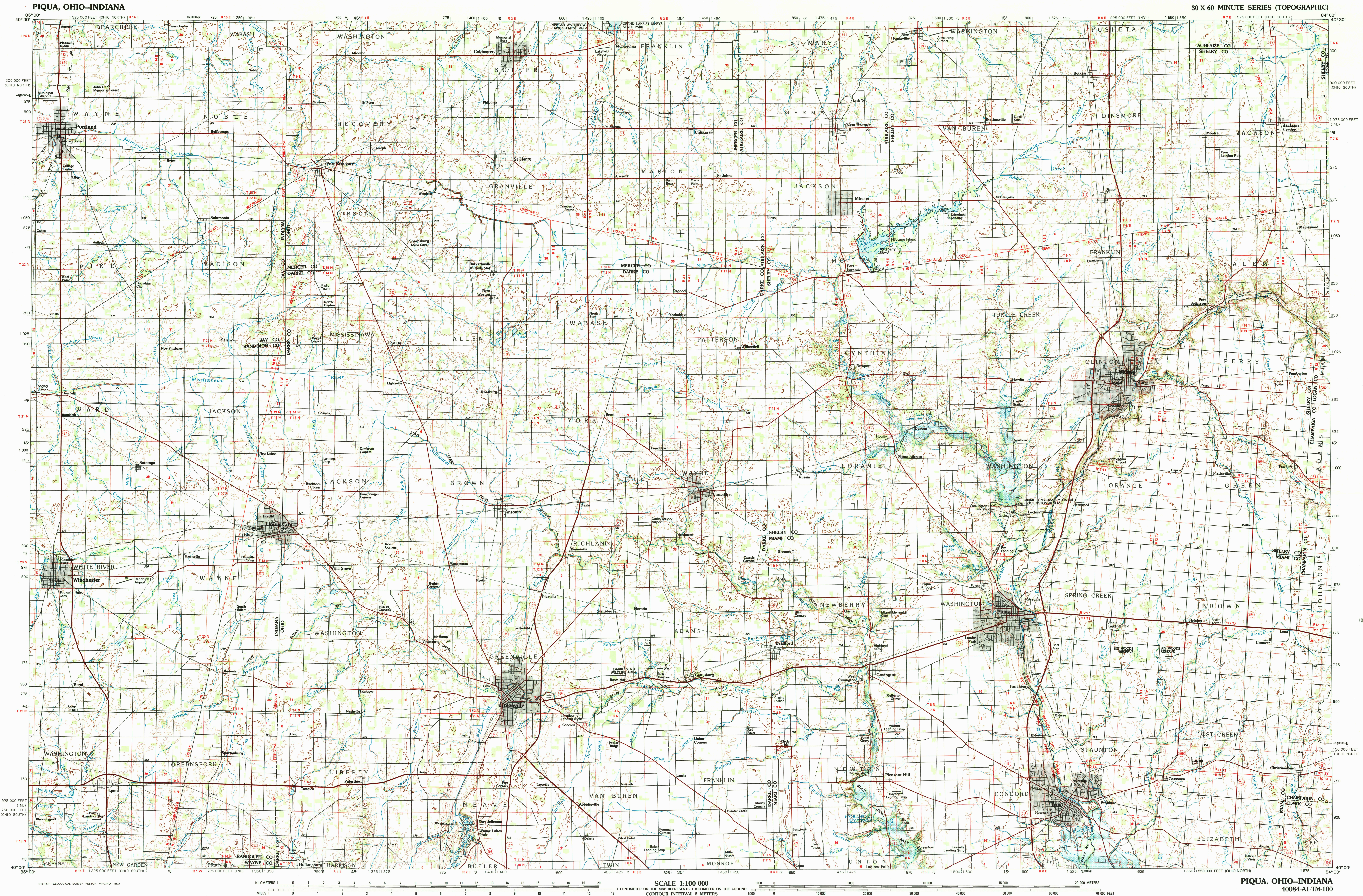




Piqua

OHIO-INDIANA

1:100 000-scale metric
topographic map

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

1986
PHOTOINSPECTED 1989

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1960-1982. Planimetry revised from aerial photographs taken 1961-1983 and other source data. Revised information not field checked. Map edited 1986.
Projection and 10 000-meter grid, zone 16, Universal Transverse Mercator.
25 000-foot grid ticks based on Ohio coordinate system, north and south zones and Indiana coordinate system, east zone 1927 North American Datum.
To place on the predicted North American Datum 1983, move the projection lines 2 meters south and 5 meters west.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.
Map photoinspected using 1989 photographs.
No major culture or drainage changes found.

CONTOUR INTERVAL: 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
P.O. BOX 25286, DENVER, COLORADO 80225

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet	Meters		1	2	3	
1	3.2808			4	5		
2	6.5617						
3	9.8425						
4	13.1234						
5	16.4042						
6	19.6850						
7	22.9658						
8	26.2467						
9	29.5275						
10	32.8084						
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) at 1983 magnetic declination at center of map		1 Wabash 2 Lima 3 Marion 4 New Castle 5 Bellefontaine 6 New Castle 7 Dayton 8 Springfield			
To convert feet to meters multiply by 0.3048		Diagram is approximate					

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JUN 30 2000
USGS NW
HISTORICAL MAP ARCHIVES

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 gauge, narrow gauge	
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; arroyo	
Power transmission line; pipeline	
Dam; dam with lock	
Cemetery; building	
Windmill; water well; spring; quarry; gravel pit	
Mountain: peak, saddle or pass; mine, quarry; gravel pit	
Campground; picnic area; U.S. location monument	
Ruin; cliff dwelling	
Distorted surface: strip mine, lava, sand	
Contours: index, intermediate, supplementary	
Hydrologic contours: index, intermediate	
Stream, lake, reservoir; 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	