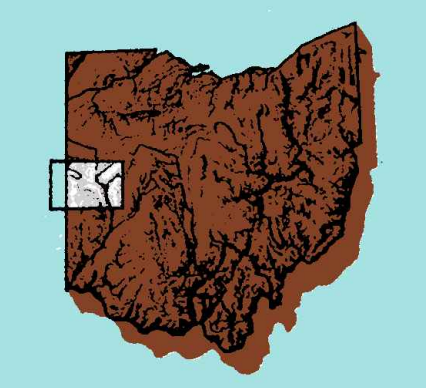


Piqua

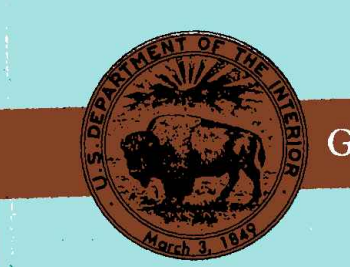
OHIO-INDIANA

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 1981-1983 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 1987 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 subdivisions 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

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

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

DECLINATION DIAGRAM

UTM grid convergence (1001 and 1000 magnetic declination (MM) at center of map
Diagram is approximate

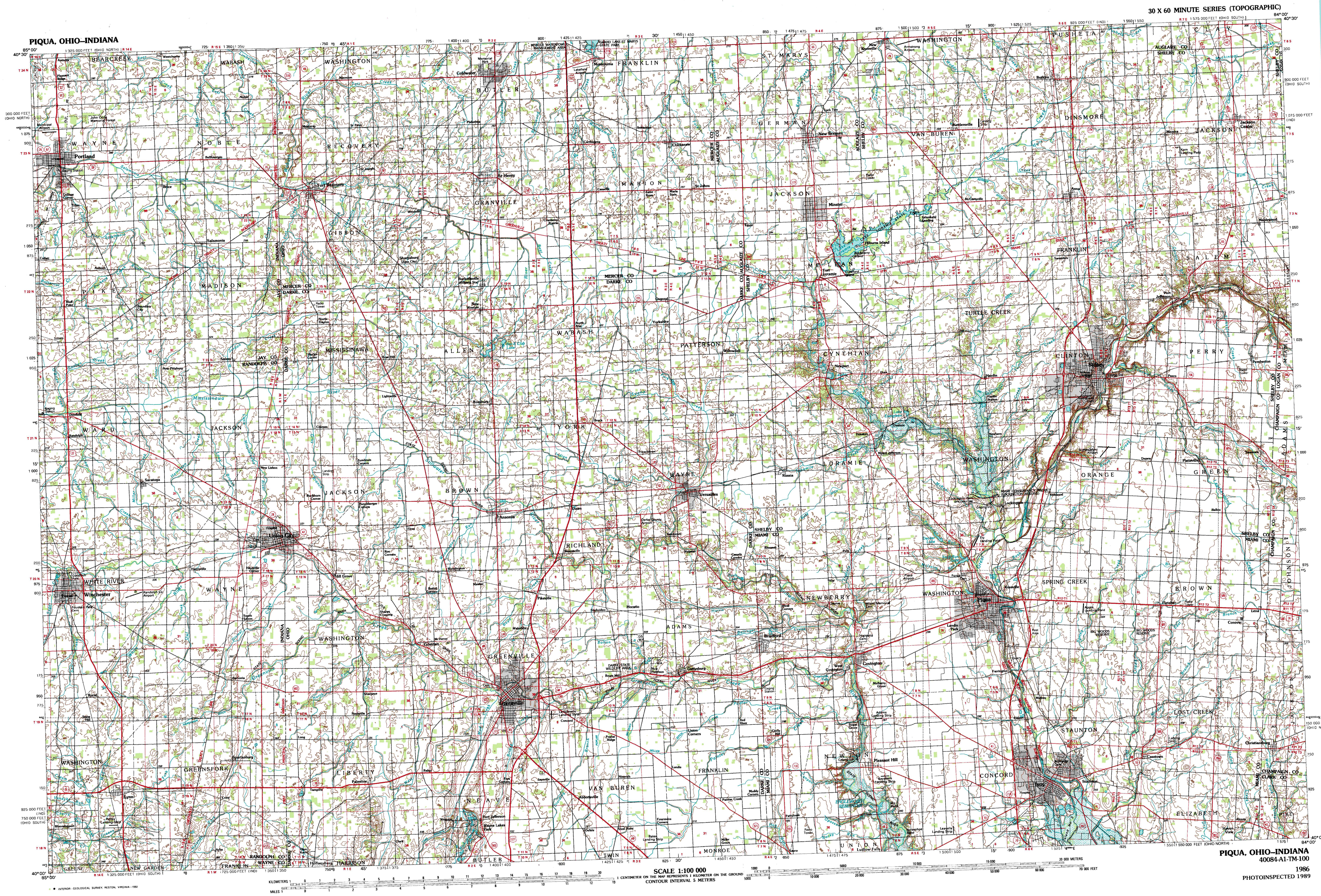
1	2	3
1. Wabash	2. Lima	3. Marion
4. Mansfield	5. Bellefontaine	6. New Castle
7. Dayton	8. Springfield	

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

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
- Route 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: protected
- 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
- Ruin, cliff dwelling
- Distorted surface: strip mine, lake, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream, lake, perennial, intermittent
- Rapids, large and small, falls, large and small
- Areas to be submerged: marsh, swamp
- Land subject to controlled inundation: woodland
- Scrub, mangrove
- Orchard, vineyard

A pamphlet describing topographic maps is available on request



PIQUA, OHIO-INDIANA
40084-A1-TM-100

1986
PHOTOINSPECTED 1989

SCALE 1:100 000
ON MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 5 METERS

INTERIOR: GEOLOGICAL SURVEY, RESTON, VIRGINIA-1989