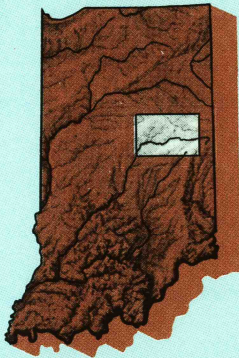


MUNCIE, INDIANA

30 X 60 MINUTE SERIES (TOPOGRAPHIC)

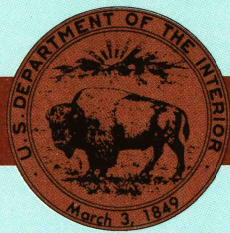
Muncie  
INDIANA

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

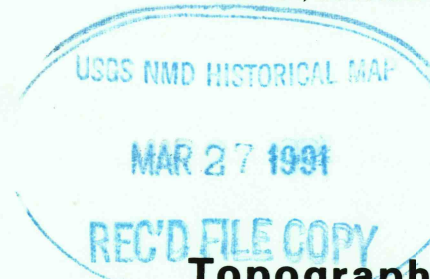
Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1960-1981. Planimetry revised from aerial photographs taken 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 Indiana coordinate system, east zone. 1927 North American Datum  
To place on the predicted North American Datum 1983 move the projection lines 1 meter south and 2 meters west  
There may be private inholdings within the boundaries of the National or State reservations shown on this map

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

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS
Meters	Feet		1 2 3
1	3.2808		4 5
2	6.5617		6 7 8
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		To convert feet to meters multiply by 0.3048	
To convert meters to feet multiply by 3.2808		To convert feet to meters multiply by 0.3048	

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



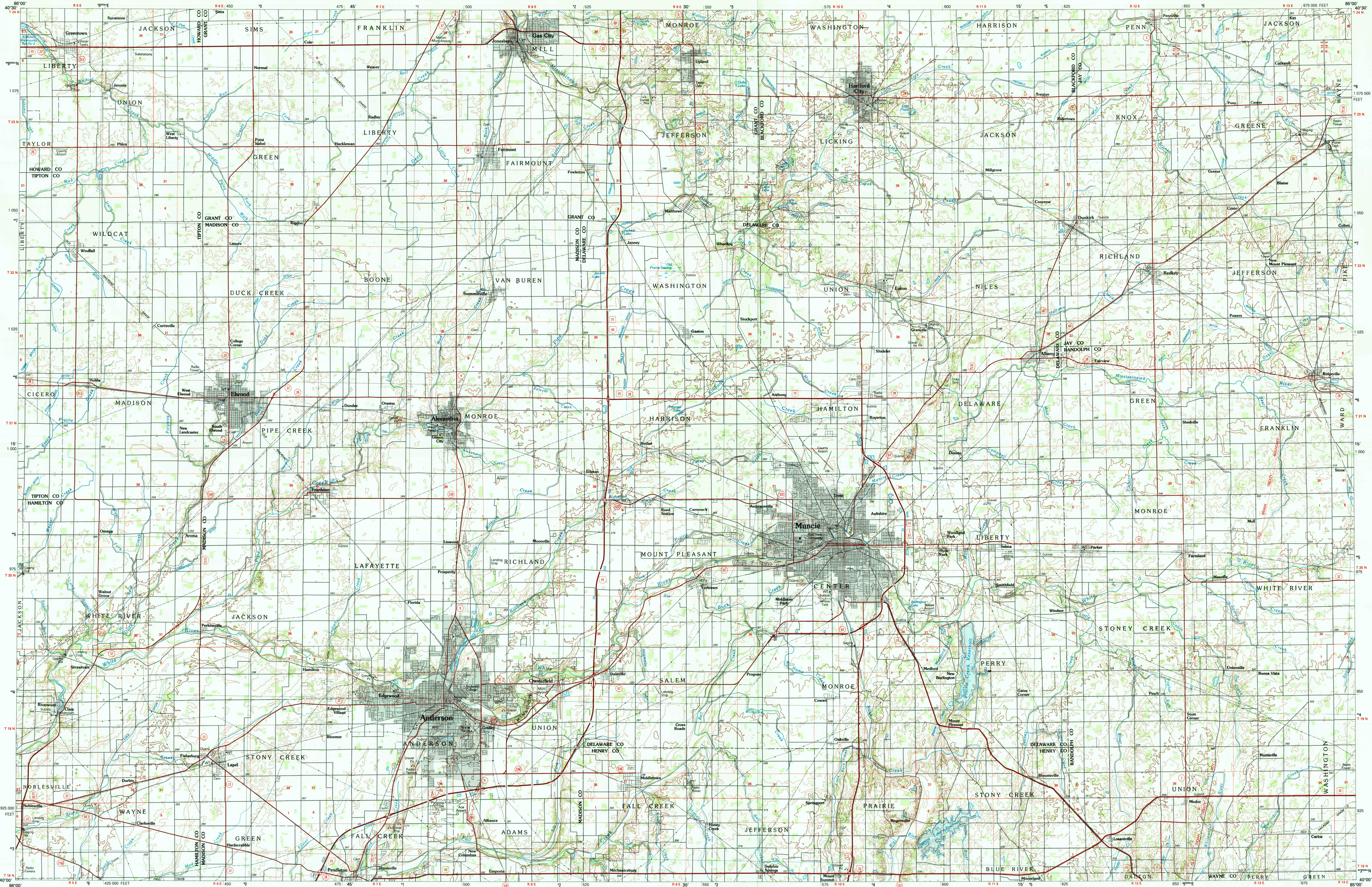
Topographic Map Symbols

- 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: protracted
- Power transmission line: pipeline
- Dam: dam with lock
- Dam: dam with lock
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U.S. location monument
- Ruin; cliff dwelling
- Disrupted 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

MUNCIE, INDIANA  
40085-A1-TM-100

1986



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

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
KILOMETERS  
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
MILES