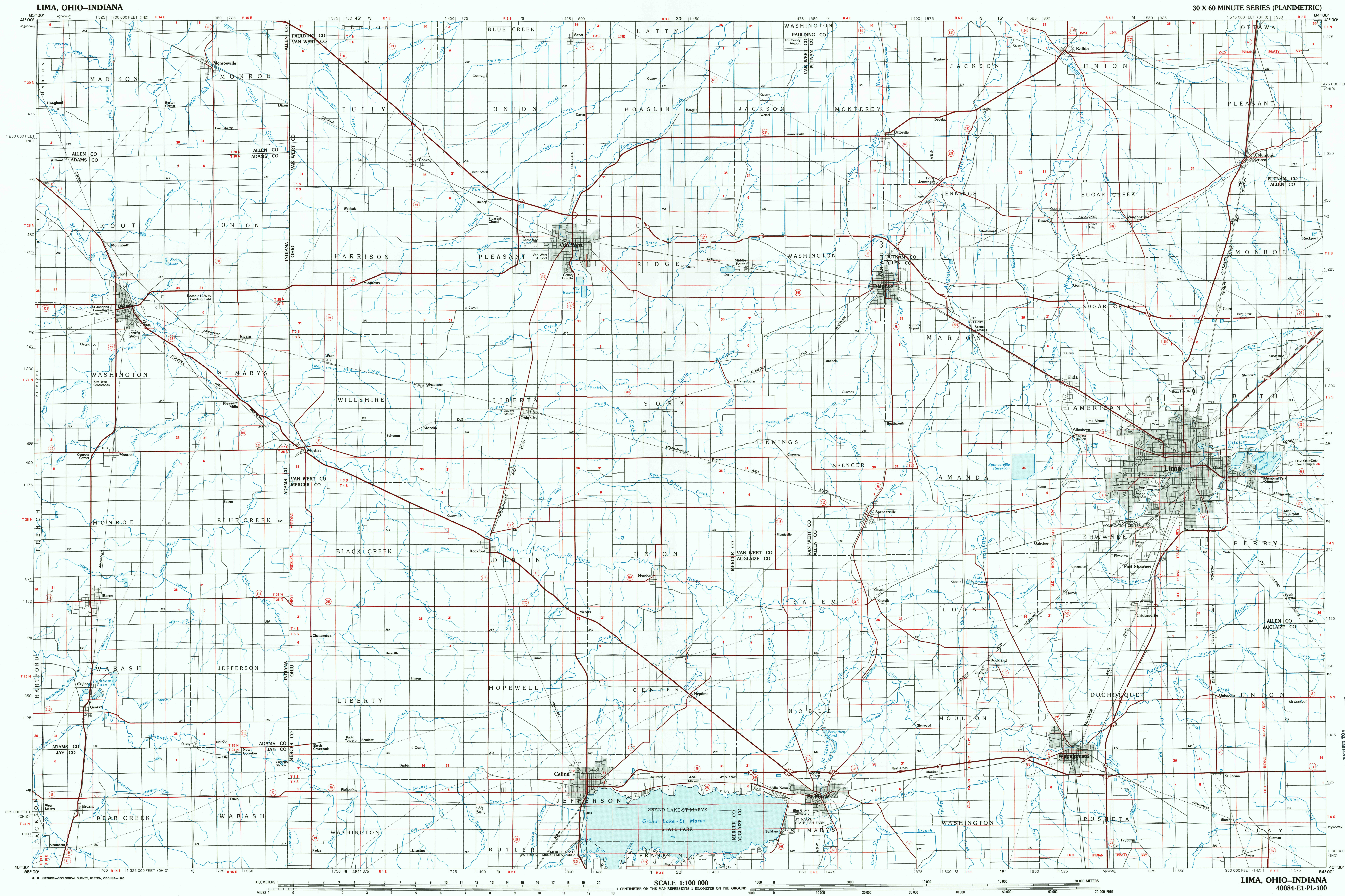
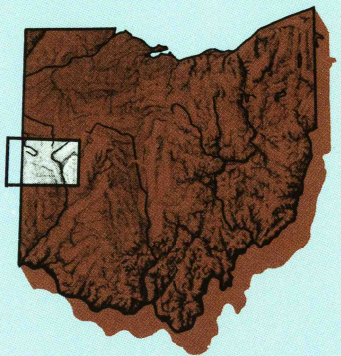




Lima

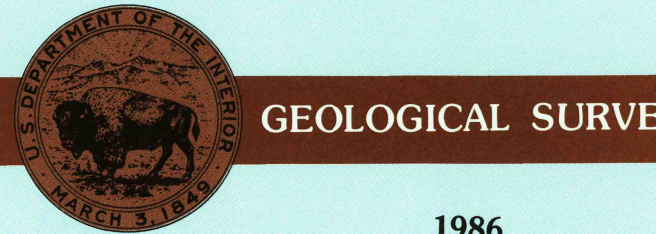
OHIO-INDIANA

1:100 000-scale
planimetric map



30 X 60 MINUTE QUADRANGLE
SHOWING

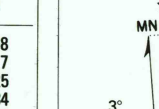
- Elevations in meters
- Highways, roads and other manmade structures
- Water features
- Geographic names



Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1960-1983. Planimetry revised from aerial photographs taken 1980-1981 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 zone and 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 5 meters west
There may be private inholdings within the boundaries of the National or State reservations shown on this map

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		4	5	6
2	6.5617		7	8	9
3	9.8425		10	11	12
4	13.1234		13	14	15
5	16.4042		16	17	18
6	19.6850		19	20	21
7	22.9658		22	23	24
8	26.2466		25	26	27
9	29.5274		28	29	30
10	32.8082		31	32	33
To convert meters to feet multiply by 3.2808		To convert feet to meters multiply by 0.3048			

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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: untraced	
Power transmission line: pipeline	
Dam: with lock	
Cemetery: building	
Windmill: water well: spring	
Mine shaft: old or new: mine, quarry, gravel pit	
Campground: picnic area: U.S. location monument	
Ruins: cliff dwelling	
Distorted 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

STORICAL MAP
2 - 1986
FILE COPY

RETURN TO:
USGS AND HISTORICAL MAP ARCHIVES