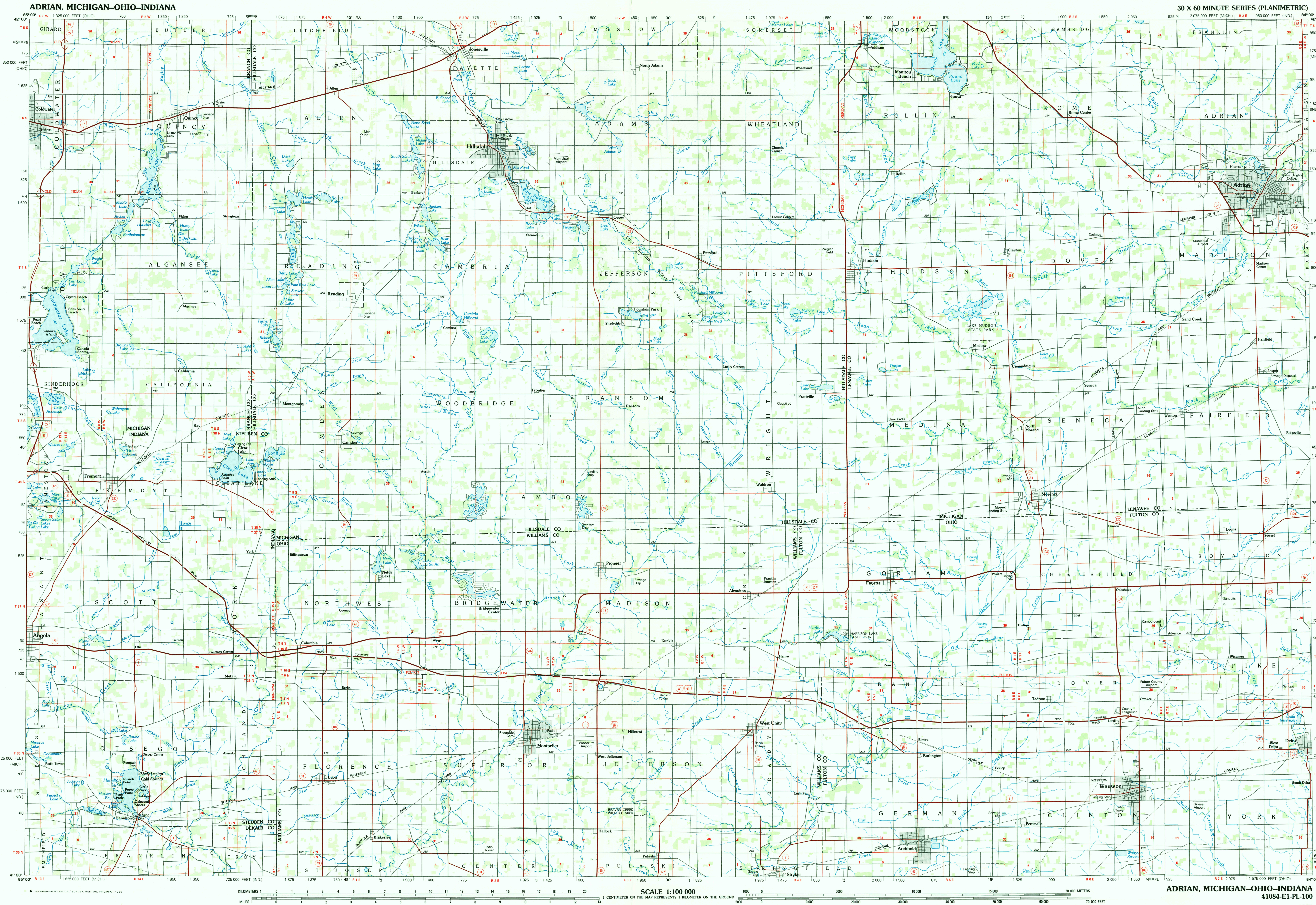
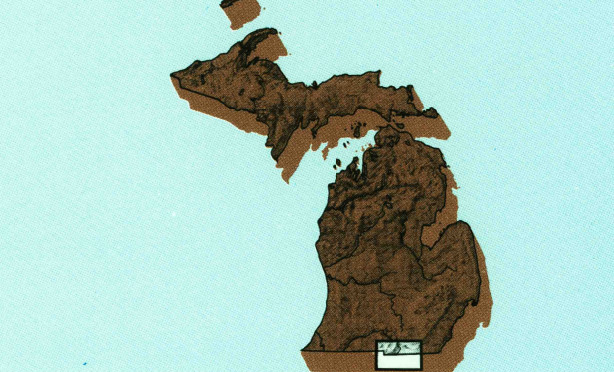




Adrian

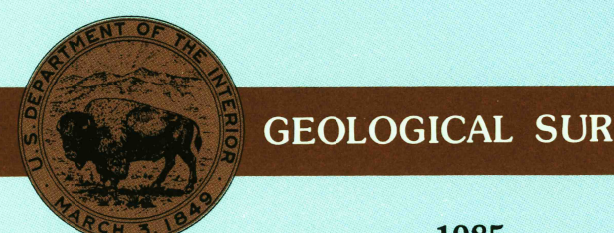
MICHIGAN-OHIO-INDIANA

1:100 000-scale
planimetric map



30 X 60 MINUTE QUADRANGLE
SHOWING

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



Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1959-1981. Planimetry revised from aerial photographs taken 1983 and other source data. Revised information not field checked. Map edited 1985.
Projection and 10 000-meter grid, zone 16, Universal Transverse Mercator
25 000-foot grid ticks based on Michigan coordinate system, south zone, 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 3 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	MAGNETIC DECLINATION		1	2	3	
1	3.2808	MAGNETIC DECLINATION		4	5	6	7
2	6.5617	MAGNETIC DECLINATION		8	9	10	11
3	9.8425	MAGNETIC DECLINATION		12	13	14	15
4	13.1234	MAGNETIC DECLINATION		16	17	18	19
5	16.4043	MAGNETIC DECLINATION		20	21	22	23
6	19.6852	MAGNETIC DECLINATION		24	25	26	27
7	22.9661	MAGNETIC DECLINATION		28	29	30	31
8	26.2469	MAGNETIC DECLINATION		32	33	34	35
9	29.5278	MAGNETIC DECLINATION		36	37	38	39
10	32.8087	MAGNETIC DECLINATION		40	41	42	43

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

UTM grid convergence (GM) and 1985 magnetic declination (MM) at center of map
Diagram is approximate

FOR SALE BY U.S. GEOLOGICAL SURVEY
RESTON, VIRGINIA 22092

USGS NMD HISTORICAL MAP
MAR 27 1986
REC'D FILE COPY

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
- 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; 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
- Spruce; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

