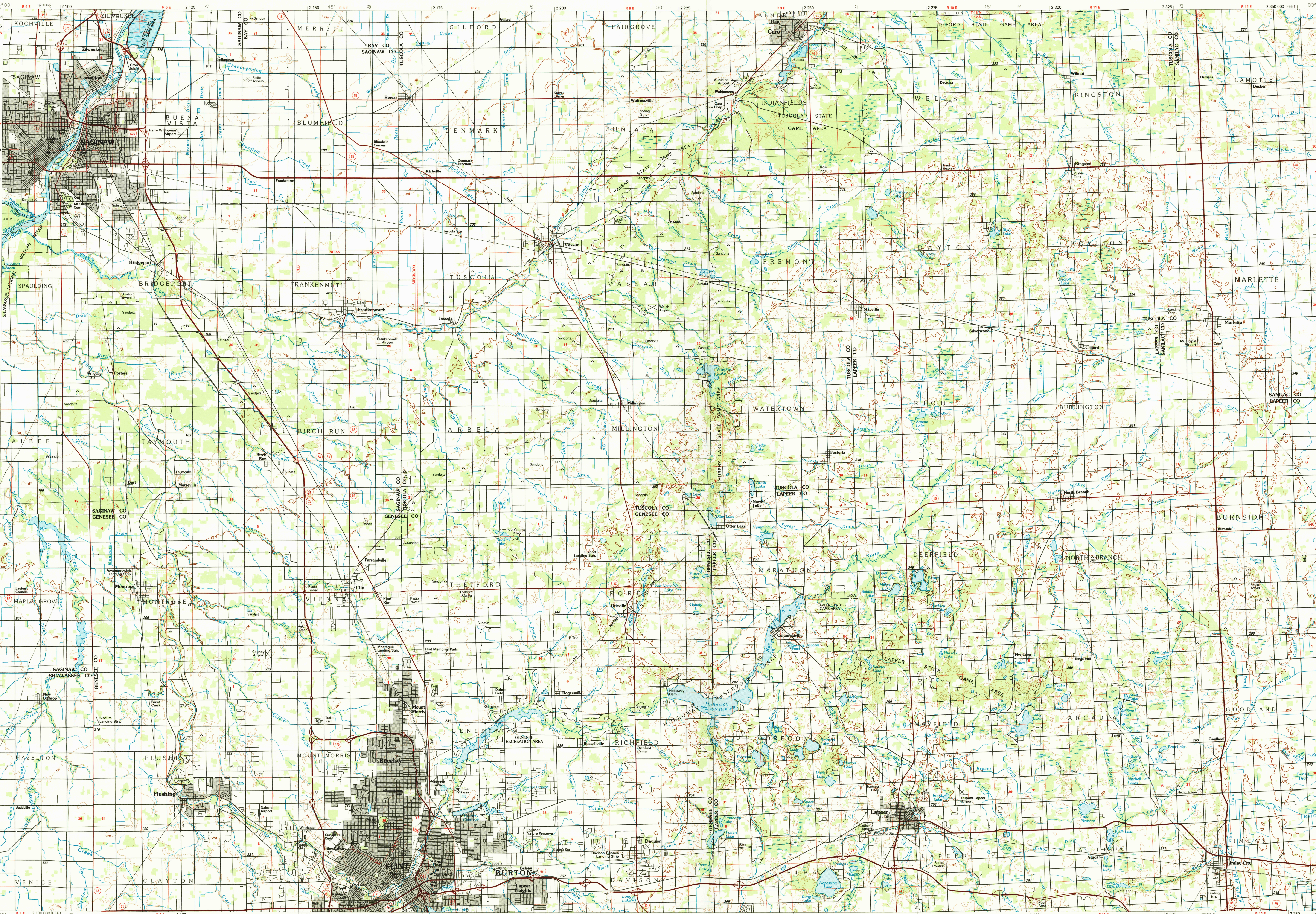


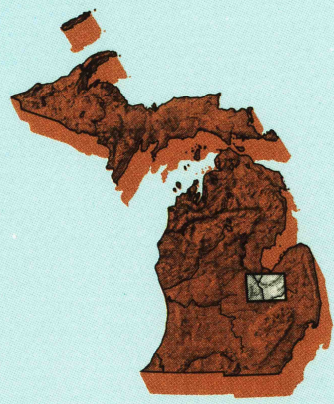
FLINT, MICHIGAN

30 X 60 MINUTE SERIES (TOPOGRAPHIC)



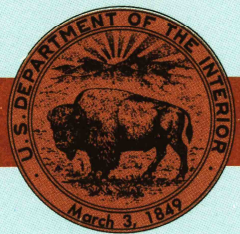
Flint
MICHIGAN

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

1990

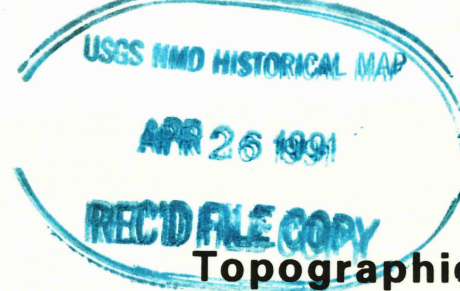
Produced by the United States Geological Survey
Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1963-1980. Planimetry revised from aerial photographs taken 1982 and 1987 and other source data. Revised information not field checked. Map edited 1990
Projection and 10 000-meter grid, zone 17.
Universal Transverse Mercator
25 000-foot grid ticks based on Michigan coordinate system, south zone
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 1 meter north and 6 meters west
There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS
SUPPLEMENTARY CONTOUR INTERVAL 5 METERS
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		1	2	3
2	6.5617		4	5	
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		UTM grid convergence (GN) and 1990 magnetic declination (MN) at center of map Diagram is approximate			
To convert feet to meters multiply by 0.3048					

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



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 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	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
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A pamphlet describing topographic maps is available on request