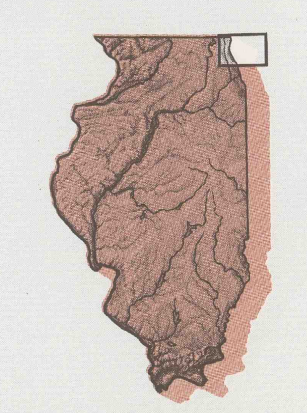




1:100 000-scale metric
topographic map of

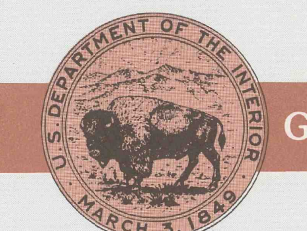
Waukegan

ILLINOIS-WISCONSIN-
MICHIGAN



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

1980

Produced by the United States Geological Survey
in cooperation with the Soil Conservation Service

Compiled from USGS 1:24 000-scale topographic maps
dated 1960-1972. Planimetry revised from aerial photographs
taken 1975 and other source data. Revised information not
field checked. Map edited 1980.

Projection and 10 000-meter grid, zone 16,
Universal Transverse Mercator
25 000-foot grid ticks based on Illinois coordinate
system, east zone and Wisconsin coordinate system, south zone
1927 North American Datum
To place on the predicted North American Datum 1983
move the projection lines 2 meters north and
5 meters east

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
1	3.2808		0° 20' (0.33°)	1	2	3
2	6.5617			4	5	
3	9.8425			6	7	
4	13.1234			8		
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5275					
10	32.8084					

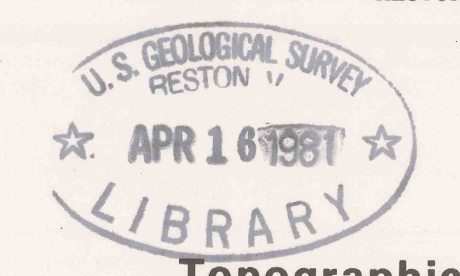
To convert meters to feet
multiply by 3.2808

To convert feet to meters
multiply by 0.3048

UTM grid convergence
(GN) and 1980 magnetic
declination (MN)
at center of map
Diagram is approximate

1	Lake Geneva
2	Racine
3	Holland
4	Elgin
5	Boston Harbor
6	
7	Chicago
8	

FOR SALE BY U. S. GEOLOGICAL SURVEY
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, too	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, projected	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

United States Topo. 1:100,000
Waukegan, 1980
copy 1

1980