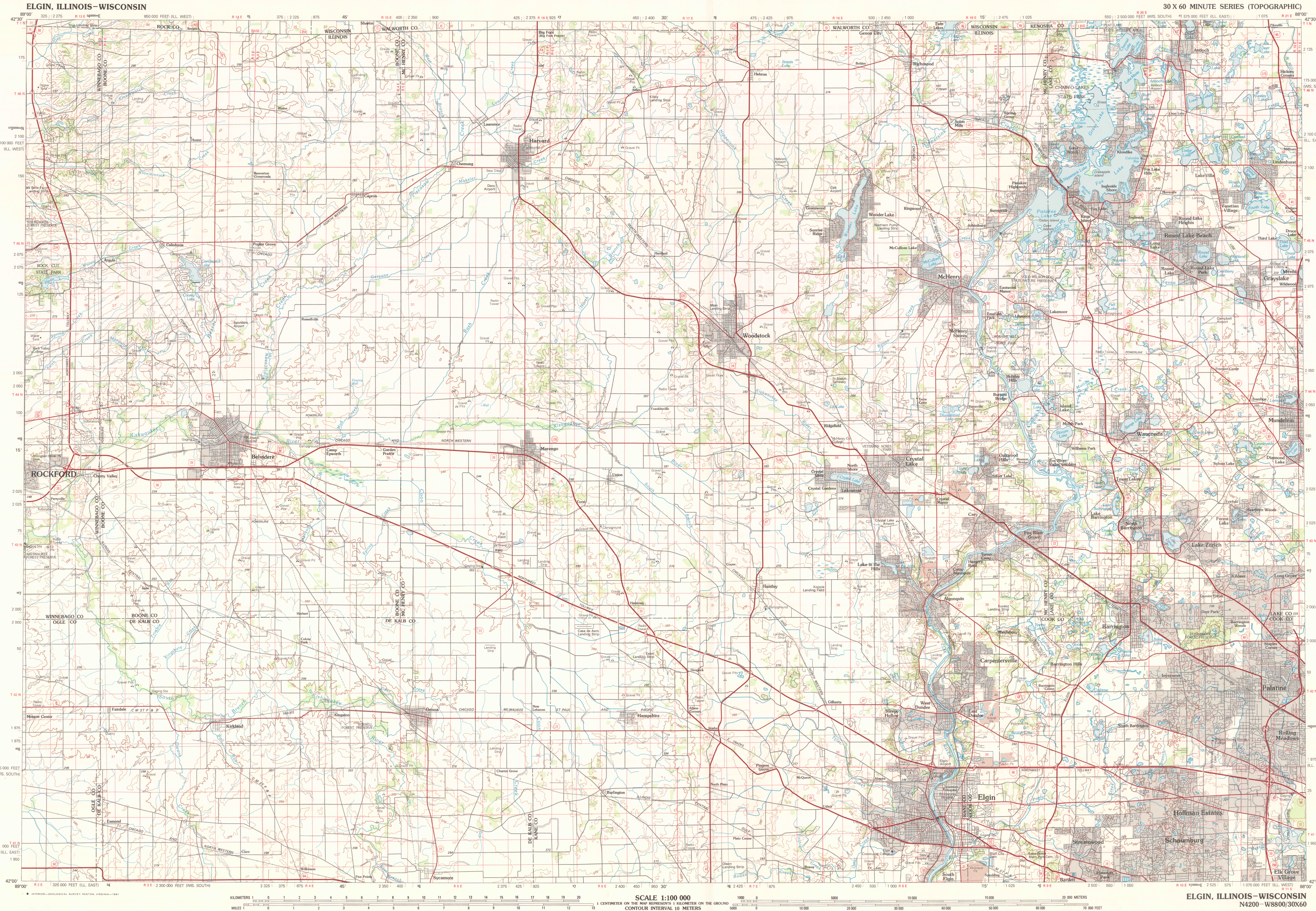




1:100 000-scale metric topographic map of

Elgin

ILLINOIS-WISCONSIN

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

1981

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

Compiled from USGS 1:24 000-scale topographic maps dated 1960-1980. Planimetry revised from aerial photographs taken 1978 and other source data. Revised information not field checked. Map edited 1981.

Projection and 10 000-meter grid, zone 16, Universal Transverse Mercator

25 000-foot grid ticks based on Illinois coordinate system, east and west zones 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 7 meters east

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1929

ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
1	3.2808
2	6.5617
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

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

UTM grid convergence (GM) and 1981 magnetic declination (MM) at center of map

Diagram is approximate

ADJOINING MAPS	1	2	3
1 Monroe			
2 Lake Geneva			
3 Racine			
4 Rockford			
5 Waukegan			
6			
7			
8 Chicago			

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APR 26 1982

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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: protruded.....	-----
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.....	-----
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, swam.....	-----
Land subject to controlled inundation; woodland.....	-----
Scrub; mangrove.....	-----
Orchard; vineyard.....	-----

A pamphlet describing topographic maps is available on request

UNITED STATES GEOLOGICAL SURVEY

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