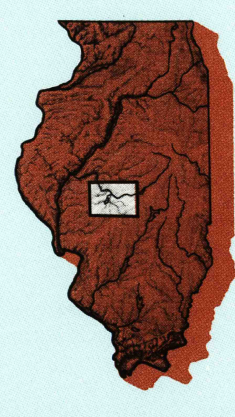


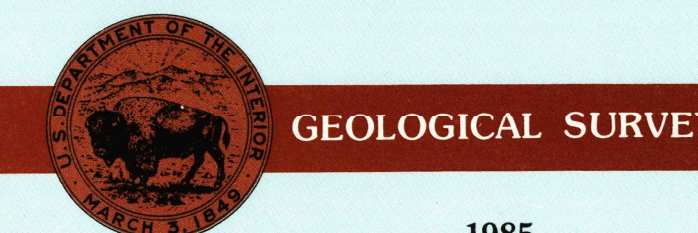
Springfield ILLINOIS

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



1985
PHOTOINSPECTED 1986

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1961-1983. Planimetry revised from aerial photographs taken 1980 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 Illinois coordinate systems, west and east zones.
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 1 meter south and 7 meters east.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.
Map photoinspected using 1983 and 1986 photographs.
No major culture or drainage changes found.
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		
2	6.5628		1	2	3		
4	13.1251		4	5	6		
6	19.6875		7	8			
8	26.2500						
10	32.8084						
To convert meters to feet multiply by 3.2808			<p>UTM grid convergence (GN) and 1985 magnetic declination (MN) at center of map Diagram is approximate</p>				
To convert feet to meters multiply by 0.3048							

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SEP 19 1990
REC'D FILE 07

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: protracted
- Power transmission line: pipeline
- Dam, dam with foot
- Cemetery, building
- Windmill, water well, spring
- Mine shaft, shaft or cave; mine, quarry, gravel pit
- Campground, picnic area, U.S. location monument
- Rail, off 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