

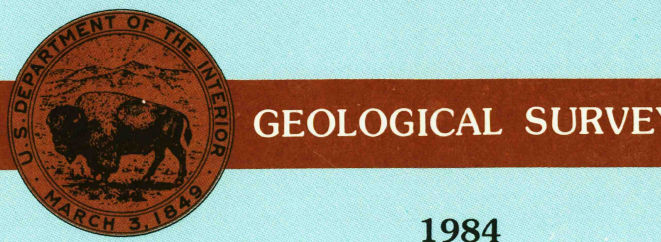
Muscatine  
IOWA-ILLINOIS

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



Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1953-1983. Planimetry revised from aerial photographs taken 1983-84 and other source data. Revised information not field checked. Map edited 1984

Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator  
25 000-foot grid ticks based on Iowa coordinate system, south zone and Illinois coordinate system, west zone 1927 North American Datum  
To place on the predicted North American Datum 1983, move the projection lines 2 meters north and 13 meters east  
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	<p>GN MN 17° 17' 17 MILS 33 MILS</p>	1	2	3
2	6.5617		4	5	6
3	9.8425		7	8	
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 1983 magnetic declination (MN) at center of map Diagram is approximate	1	2	3
To convert feet to meters multiply by 0.3048			4	5	6

1 Grinnell

2 Iowa City

3 Davenport

4 Ottumwa

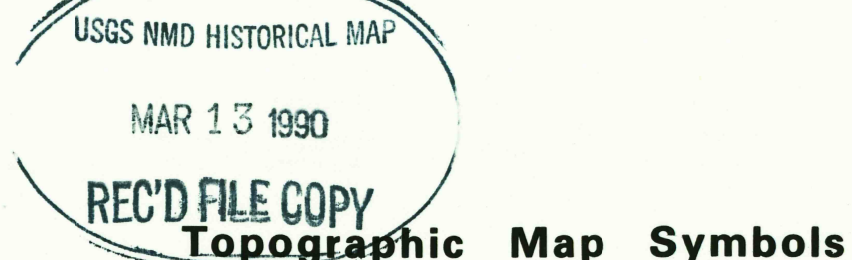
5 Alledo

6 Centerville

7 Burlington

8 Gasburg

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	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 lock	Cemetery; building	Wetland: water wet; spring	Mine shaft; adit or cave; mine, quarry; gravel pit	Camaground; picnic area; U.S. location monument	Ruins; cliff dwelling	Distorted surface: strip mine, lava, sand	Contours: index; intermediate; supplementary	Bathymetric contour: 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

