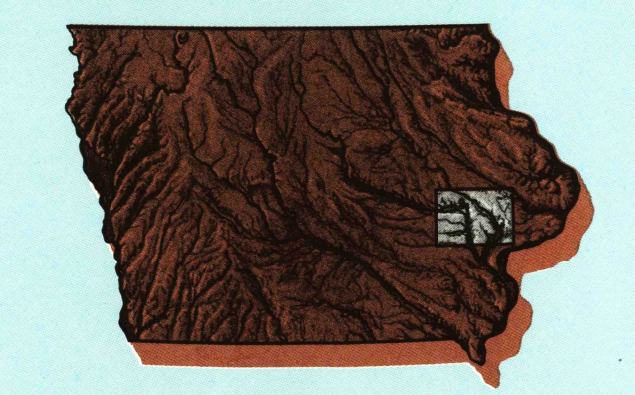


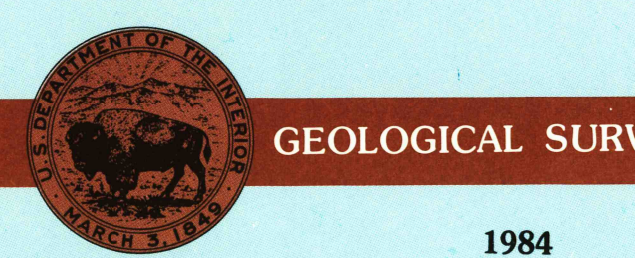
# Iowa City IOWA

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 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 and north zones  
1927 North American Datum  
To place on the predicted North American Datum 1983, move the projection lines 3 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  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO THE NEAREST METER

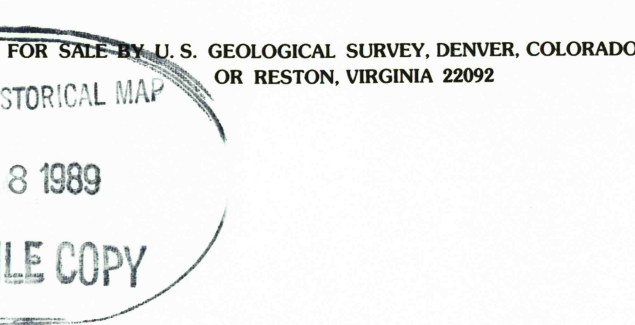
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

| CONVERSION TABLE |         | DECLINATION DIAGRAM |  | ADJOINING MAPS |   |   |  |
|------------------|---------|---------------------|--|----------------|---|---|--|
| Meters           | Feet    | Meters              |  | 1              | 2 | 3 |  |
| 1                | 3.2808  | GN                  |  | 4              | 5 |   |  |
| 2                | 6.5617  | 1°W                 |  | 6              | 7 | 8 |  |
| 3                | 9.8425  | 3°W                 |  |                |   |   |  |
| 4                | 13.1234 | 15 MILS             |  |                |   |   |  |
| 5                | 16.4042 | 18 MILS             |  |                |   |   |  |
| 6                | 19.6850 | 21 MILS             |  |                |   |   |  |
| 7                | 22.9658 | 24 MILS             |  |                |   |   |  |
| 8                | 26.2467 | 27 MILS             |  |                |   |   |  |
| 9                | 29.5275 | 30 MILS             |  |                |   |   |  |
| 10               | 32.8084 | 33 MILS             |  |                |   |   |  |

To convert meters to feet multiply by 3.2808  
To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1984 magnetic declination (NM) at center of map  
Diagram is approximate

1 Marshalltown  
2 Anamosa  
3 Dubuque South  
4 Grinnell  
5 Des Moines  
6 Dubuque North  
7 Muscatine  
8 Albia



## 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 lock
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U.S. location monument
- Ruins; old 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