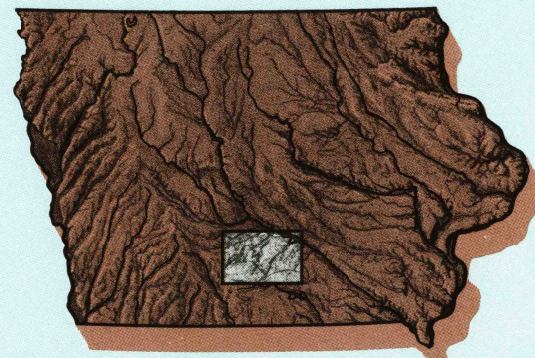




Indianola

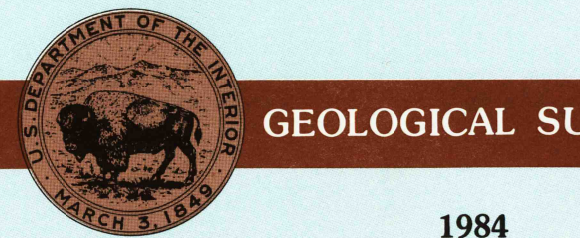
IOWA

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 1965-1983. Planimetry revised from aerial photographs taken 1978 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

1927 North American Datum

To place on the predicted North American Datum 1983, move the projection lines 3 meters north and 18 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 STANDARD

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
1	3.2808	<p>UTM grid convergence (GN) and 1984 magnetic declination (MD) at center of map Diagram is approximate</p>		4	5	6
2	6.5617					
3	9.8425					
4	13.1234					
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				1 Guthrie Center 2 Des Moines 3 Grinnell 4 Creston 5 Okaloosa 6 Mount Airy 7 Leon 8 Centerville		
To convert feet to meters multiply by 0.3048						

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 802 OR 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, trail	-----
Route marker: Interstate, U.S., State	-----
Railroad: standard gage, narrow gage	-----
Bridge, overpass, underpass	-----
Tunnel: road, railroad	-----
Run-up area: leading 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: protected	-----
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	-----
Straw; mangrove	-----
Orchard; vineyard	-----

A pamphlet describing topographic maps is available on request