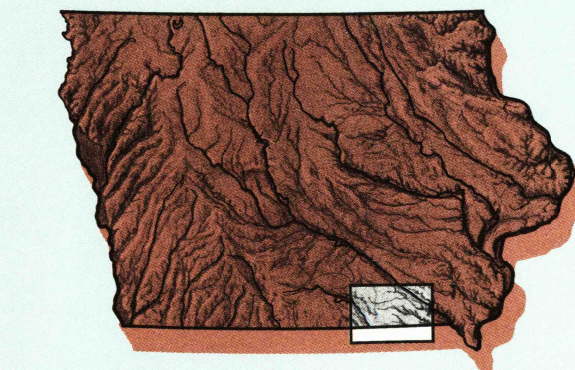
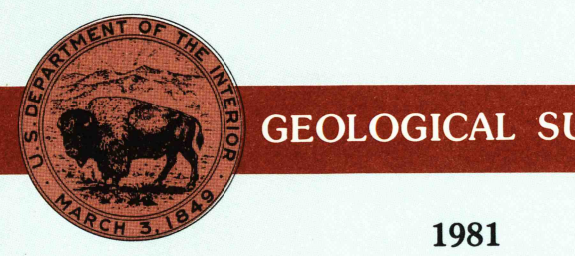


1:100 000-scale metric  
topographic map of  
**Centerville**  
IOWA-MISSOURI



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 and 1:62 500-scale topographic maps dated 1959-1980. 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 15.  
Universal Transverse Mercator  
25 000-foot grid ticks based on Iowa coordinate system, south zone and Missouri coordinate system, central zone.  
1927 North American Datum  
To place on the predicted North American Datum 1983 move the projection lines 2 meters north and 15 meters east.  
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 20 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		1	2	3
2	6.5617		4	5	6
3	9.8425		7	8	9
4	13.1234		10	11	12
5	16.4042		13	14	15
6	19.6850		16	17	18
7	22.9659		19	20	21
8	26.2467		22	23	24
9	29.5276		25	26	27
10	32.8084		28	29	30
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1981 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
			7	8	9

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80202 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.
- 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.
- Canary; building.
- Well; 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.
- Scrub; mangrove.
- Orchard; vineyard.

A pamphlet describing topographic maps is available on request

CENTERVILLE, IOWA-MISSOURI  
N4030-W9200/30 X 60

RETURN TO:  
USGS AND HISTORICAL MAP ARCHIVES

ALSO IN MISSOURI 1981