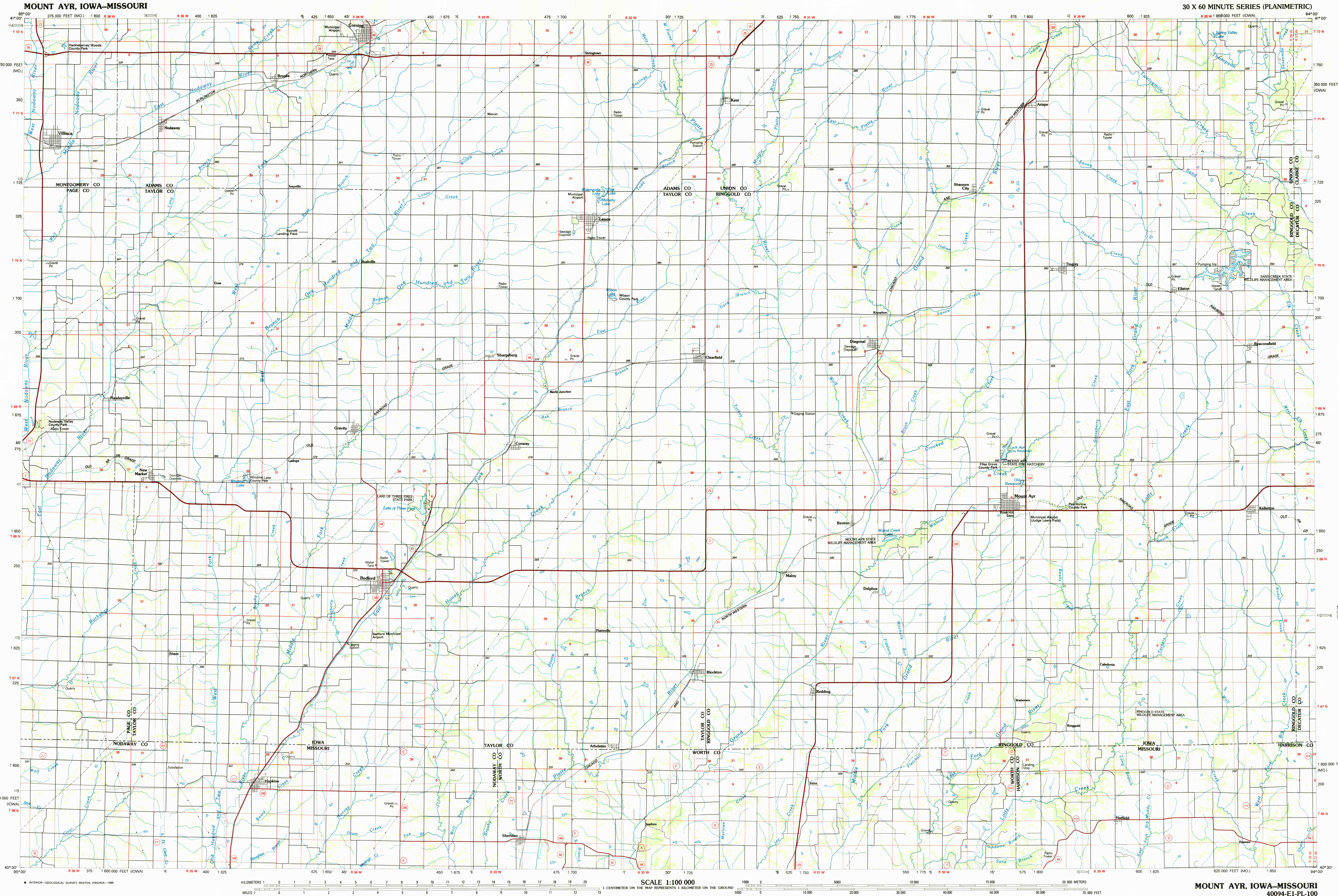
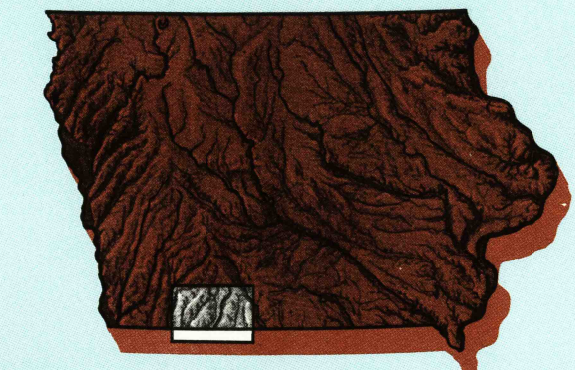




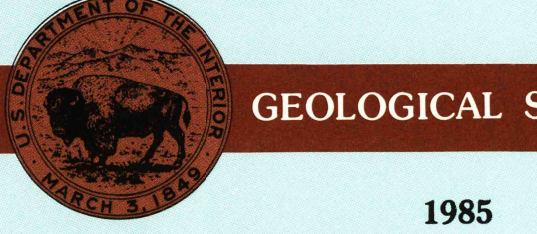
Mount Ayr IOWA-MISSOURI

1:100 000-scale
planimetric map



30 X 60 MINUTE QUADRANGLE
SHOWING

- Elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



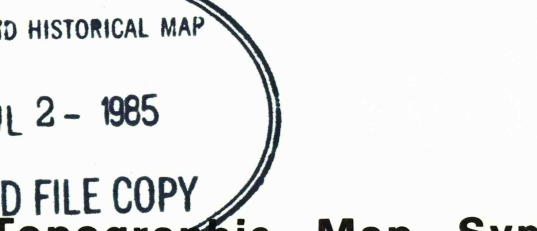
Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1980-1981. Planimetry revised from aerial photographs taken 1984 and other source data. Revised information not field checked. Map edited 1985
Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator
25 000-foot grid ticks based on Iowa coordinate system, south zone and Missouri coordinate system, west zone 1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 3 meters north and 20 meters east
There may be private inholdings within the boundaries of the National or State reservations shown on this map

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	4
1	3.2808		1	2	3	4
2	6.5617		5	6	7	8
3	9.8425		9	10	11	12
4	13.1234		13	14	15	16
5	16.4042		17	18	19	20
6	19.6850		21	22	23	24
7	22.9659		25	26	27	28
8	26.2467		29	30	31	32
9	29.5276		33	34	35	36
10	32.8084		37	38	39	40
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1985 magnetic declination (MD) at center of map Diagram is approximate	41	42	43	44
To convert feet to meters multiply by 0.3048			45	46	47	48

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.....
- 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.....
- Wellhead; 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.....
- Grass; meadow.....
- Orchard; vineyard.....

A pamphlet describing topographic maps is available on request