

Charles City

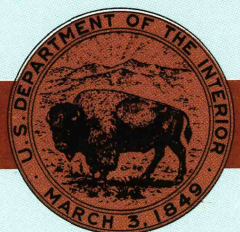
IOWA-MINNESOTA

**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



GEOLOGICAL SURVEY

1985

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1971-1981. Planimetry revised from aerial photographs taken 1982-83 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, north zone
1927 North American Datum
To place on the predicted North American Datum 1983, move
the projection lines 6 meters north and 16 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

Meters	Feet
1	3.2808
6	19.6851
3	9.8425
13	43.1224
18	59.0402
19	61.9850
6	22.9659
26	85.2467
39	128.5726
100	328.084

UTM grid convergence (GN) and 1980 magnetic declination (MN) at center of map
Diagram is approximate

1	2	3
4	5	5
6	7	8

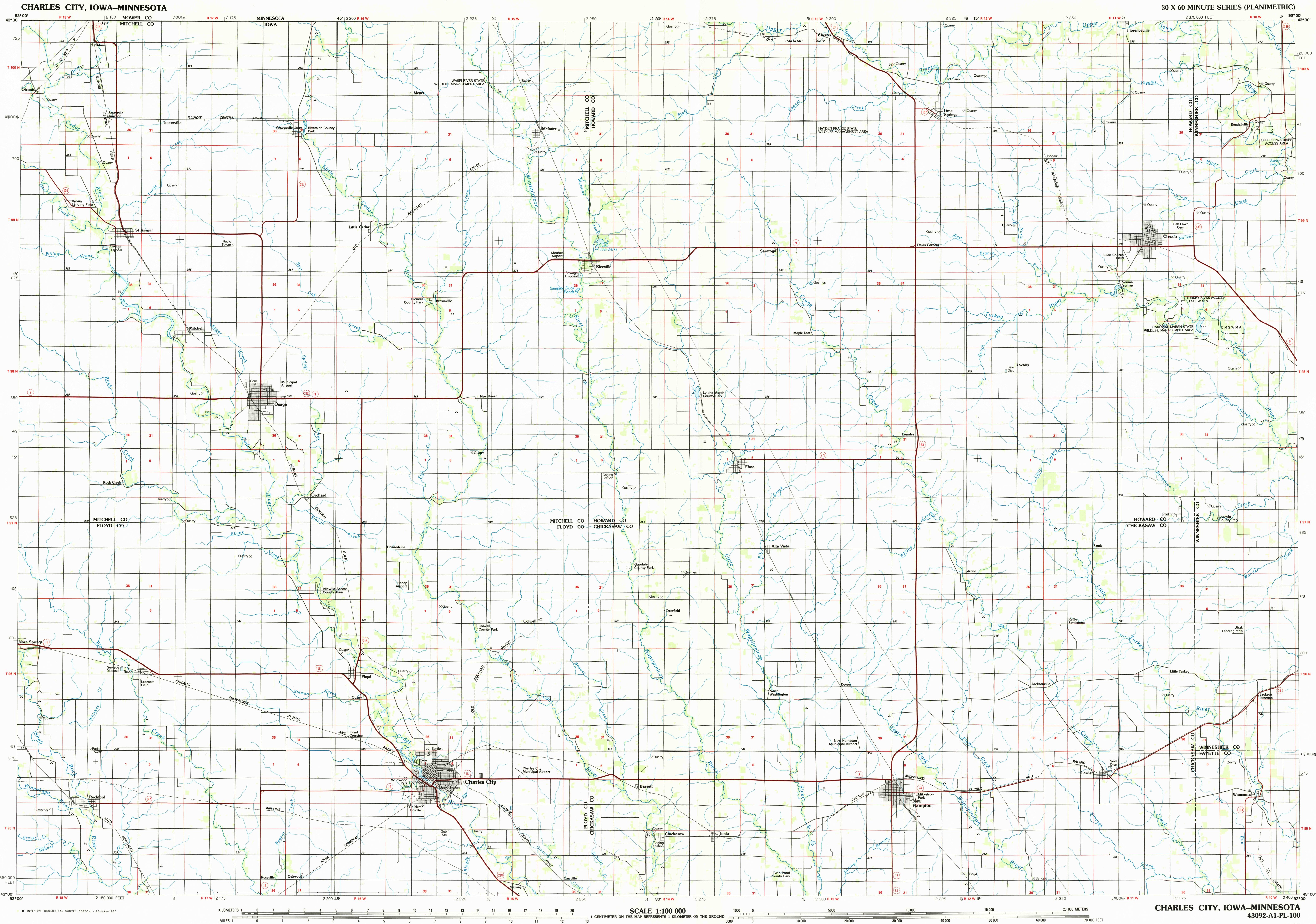
1 Albert Lea
2 Austin
3 La Crosse
4 Meade City
5 Decatur
6 Iowa Falls
7 Hawley
8 Oshtemo

FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, 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	
Roads marked Interstate, U.S. State	
Standard gauge; narrow gauge	
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 protected	
Power transmission line, pipeline	
Clear; dam with lock	
Cemetery; building	
Windmill; water well; spring	
Mine shaft; adit; cave; mine quarry; gravel pit	
Campground; picnic area; U.S. location monument	
Ruin; cliff dwelling	
Decorated surface; strip mine, lake; 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.



CHARLES CITY, IOWA-MINNESOTA
43092-A1-PL-10

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