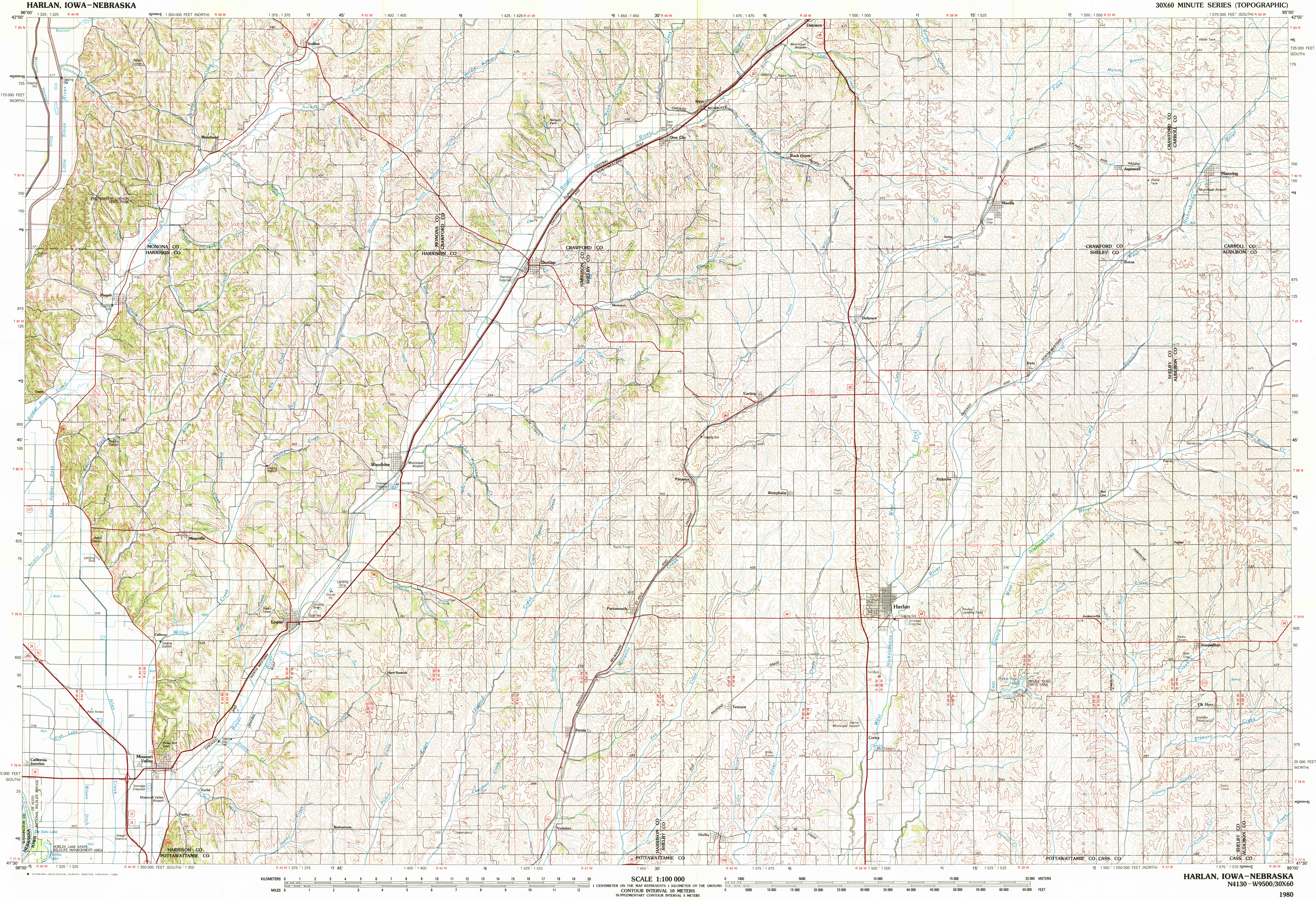




1:100 000-scale metric
topographic map of

Harlan

IOWA-NEBRASKA

NOV 12 1980

30 X 60 MINUTE QUADRANGLE
SHOWING

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

GEOLOGICAL SURVEY

1980

Produced by the United States Geological Survey in cooperation with the Soil Conservation Service

Compiled from USGS 1:24 000-scale topographic maps dated 1970-1978. Planimetry revised from aerial photographs taken 1973 and other source data. Revised information not field checked. Map edited 1980

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 4 meters north and 23 meters east

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS
SUPPLEMENTARY CONTOUR INTERVAL 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

RETURN TO:
USGS AND HISTORICAL MAP ARCHIVES

Meters	Feet
2	6.562
4	13.125
6	19.685
8	26.247
10	32.808

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map. Diagram is approximate.

ADJOINING MAPS		
1	2	3
4		5
6	7	8

1

2

3

4

5

6

7

8

1 Gauthier
2 Center
3 Fremont
4
5
6
7
8

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.....

Route marker: Interstate; U.S. State.....

Railroad: 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.....

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.....

Runs; 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.....

Sand; mangrove.....

Orchard; vineyard.....