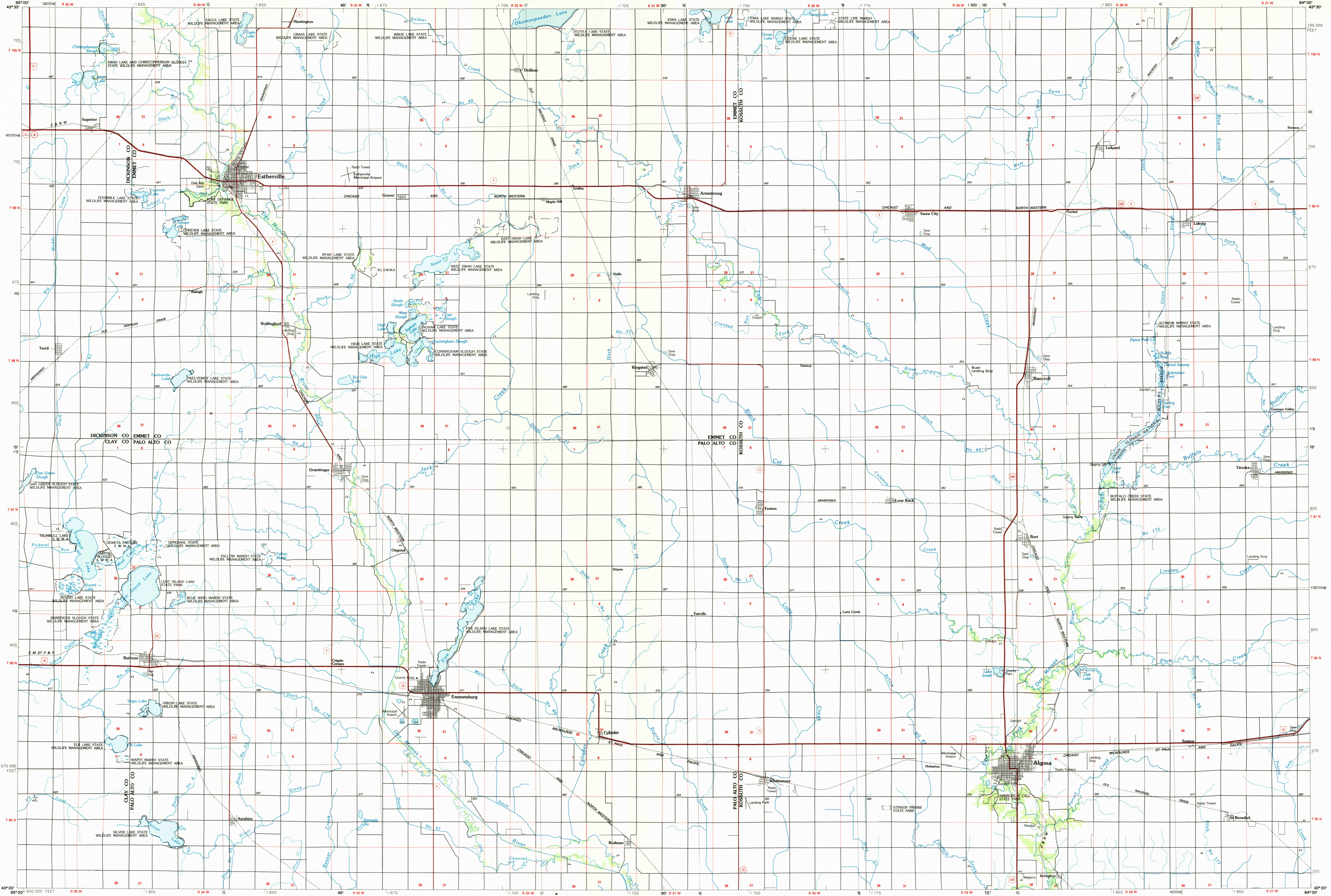


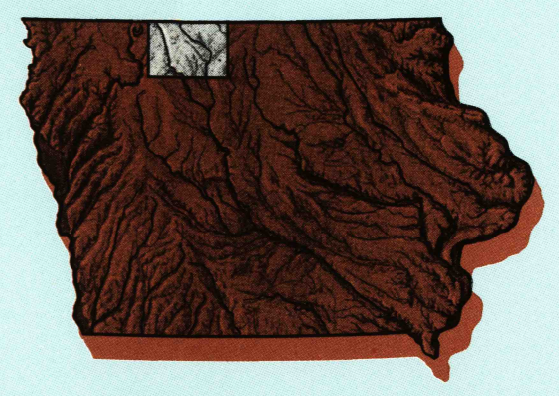
ESTHERVILLE, IOWA

30 X 60 MINUTE SERIES (PLANIMETRIC)



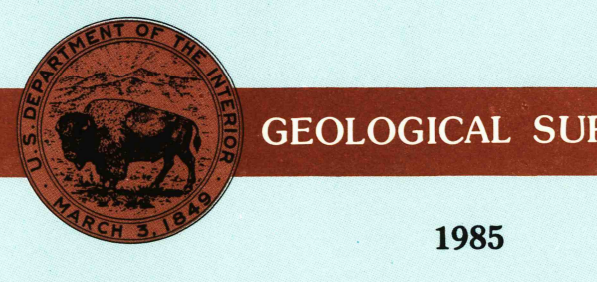
Estherville IOWA

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



1985

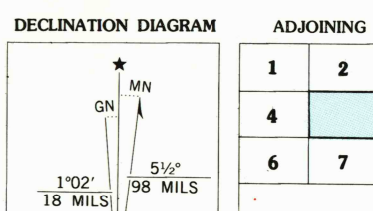
Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1972-1980. Planimetry revised from aerial photographs taken 1973-1980 and other source data. Revised information not field checked. Map edited 1985.
 Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator
 To place on the predicted North American Datum 1983, move the projection lines 6 meters north and 21 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 COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

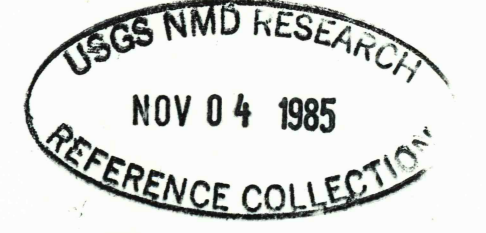
Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6851
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048



ADJOINING MAPS	1	2	3
1	Worthington	2	Farmont
2	Albert Lea	3	Mason City
3	Iowa Great Lakes	4	Storm Lake
4	Storm Lake	5	Hamboldt
5	Hamboldt	6	Iowa Falls

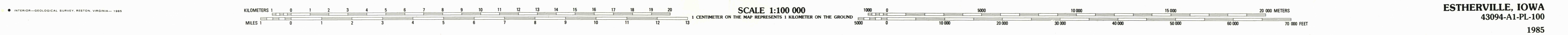
FOR SALE BY U.S. GEOLOGICAL SURVEY
 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092



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
- Bridges: 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
- 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, 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
- Straw, mangrove
- Orchard, vineyard

A pamphlet describing topographic maps is available on request



ESTHERVILLE, IOWA 43094-A1-PL-100

1985