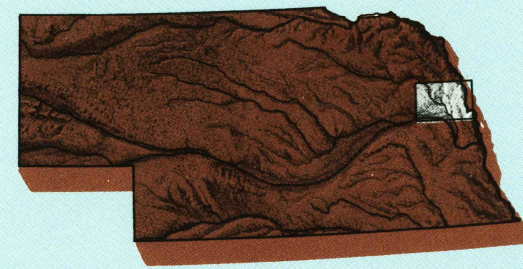


# Blair

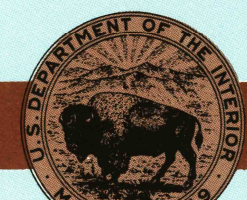
## NEBRASKA-IOWA

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



GEOLOGICAL SURVEY

1986

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1963-1983. Planimetry revised from aerial photographs taken 1981 and other source data. Revised information not field checked. Map edited 1986.

Projection and 10 000-meter grid, zone 14 Universal Transverse Mercator. 25 000-foot grid ticks based on Nebraska coordinate system, north and south zones and 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 25 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

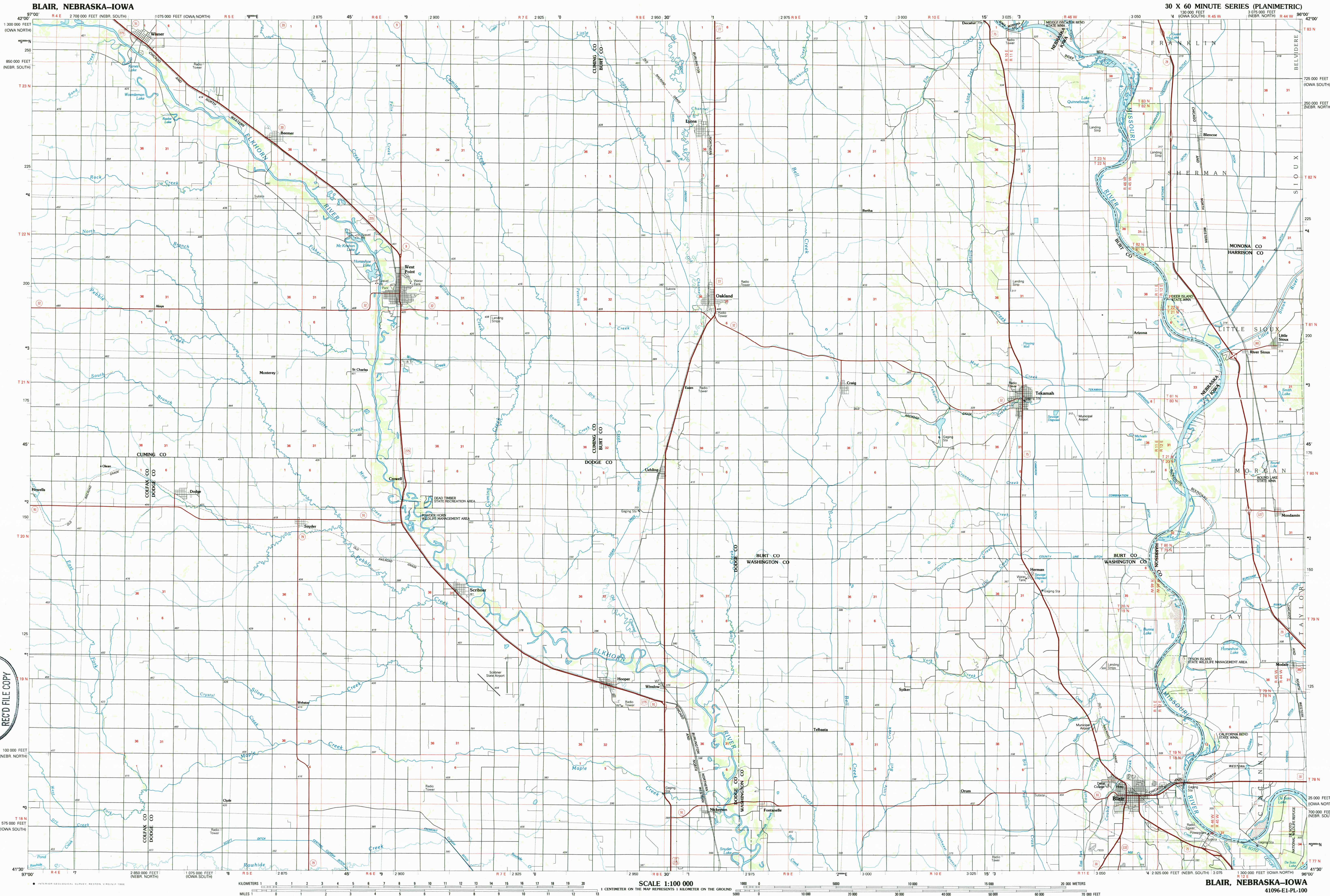
| CONVERSION TABLE                             |         | DECLINATION DIAGRAM                                                                                               | ADJOINING MAPS                                                                                                  |   |   |
|----------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---|---|
| Meters                                       | Feet    |                                                                                                                   | 1                                                                                                               | 2 | 3 |
| 1                                            | 3.2808  | <p>UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map.<br/>Diagram is approximate.</p> | 1                                                                                                               | 2 | 3 |
| 2                                            | 6.5617  |                                                                                                                   | 4                                                                                                               | 5 |   |
| 3                                            | 9.8425  |                                                                                                                   | 6                                                                                                               | 7 | 8 |
| 4                                            | 13.1234 |                                                                                                                   |                                                                                                                 |   |   |
| 5                                            | 16.4042 |                                                                                                                   |                                                                                                                 |   |   |
| 6                                            | 19.6850 |                                                                                                                   |                                                                                                                 |   |   |
| 7                                            | 22.9659 |                                                                                                                   |                                                                                                                 |   |   |
| 8                                            | 26.2467 |                                                                                                                   |                                                                                                                 |   |   |
| 9                                            | 29.5275 |                                                                                                                   |                                                                                                                 |   |   |
| 10                                           | 32.8084 |                                                                                                                   |                                                                                                                 |   |   |
| To convert meters to feet multiply by 3.2808 |         | UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map.<br>Diagram is approximate.         | 1 Norfolk<br>2 Sioux City South<br>3 Ida Grove<br>4 Stanton<br>5 Harlan<br>6 David City<br>7 Fremont<br>8 Omaha |   |   |
| To convert feet to meters multiply by 0.3048 |         |                                                                                                                   |                                                                                                                 |   |   |

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 gage, narrow gage                        |  |
| Bridge: overpass, underpass                                 |  |
| Tunnel: road, railroad                                      |  |
| Built up area, locality, elevation                          |  |
| Airport: landing field, landing strip                       |  |
| National boundary                                           |  |
| County boundary                                             |  |
| State 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, levee, 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             |  |
| Scrib, mangrove                                             |  |
| Orchard; vineyard                                           |  |

A pamphlet describing topographic maps is available on request



BLAIR, NEBRASKA-IOWA

41096-E1-PL-100

1986

BLAIR, NEBRASKA-IOWA

30 X 60 MINUTE SERIES (PLANIMETRIC)

USGS INFO HISTORICAL MAP  
SEP 12 1986  
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