

EKALAKA, MONTANA—SOUTH DAKOTA—NORTH DAKOTA

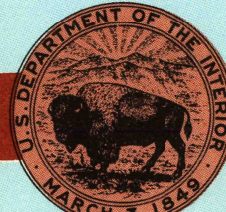
30X60 MINUTE SERIES (TOPOGRAPHIC)

1:100 000-scale metric  
topographic map of  
**Ekalaka**  
MONTANA—SOUTH DAKOTA  
NORTH DAKOTA



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

1982

Produced by the United States Geological Survey  
Compiled from USGS 1:24 000-scale topographic maps  
dated 1979–80  
Map edited 1982.

Projection and 10 000-meter grid, zone 13  
Universal Transverse Mercator  
25 000-foot grid ticks based on Montana coordinate  
system, south zone and South Dakota coordinate system,  
north zone 1927 North American datum

To place on the pred icted North American Datum 1983 move  
the projection lines 4 meters north and 40 meters east  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map

CONTOUR INTERVAL 20 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

| CONVERSION TABLE                             |         | DECLINATION DIAGRAM                                                                                      | ADJOINING MAPS                                                                                           |   |   |   |   |   |   |   |
|----------------------------------------------|---------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|
| Meters                                       | Feet    |                                                                                                          | 1                                                                                                        | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1                                            | 3.2808  |                                                                                                          | 1                                                                                                        | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 2                                            | 6.5617  |                                                                                                          | 6                                                                                                        | 7 | 8 |   |   |   |   |   |
| 3                                            | 9.8425  |                                                                                                          |                                                                                                          |   |   |   |   |   |   |   |
| 4                                            | 13.1234 |                                                                                                          |                                                                                                          |   |   |   |   |   |   |   |
| 5                                            | 16.4042 |                                                                                                          |                                                                                                          |   |   |   |   |   |   |   |
| 6                                            | 19.6850 |                                                                                                          |                                                                                                          |   |   |   |   |   |   |   |
| 7                                            | 22.9659 |                                                                                                          |                                                                                                          |   |   |   |   |   |   |   |
| 8                                            | 26.2467 |                                                                                                          |                                                                                                          |   |   |   |   |   |   |   |
| 9                                            | 29.5276 |                                                                                                          |                                                                                                          |   |   |   |   |   |   |   |
| 10                                           | 32.8084 |                                                                                                          |                                                                                                          |   |   |   |   |   |   |   |
| To convert meters to feet multiply by 3.2808 |         | UTM grid convergence (GN) and 1983 magnetic declination (MN) center of map or map Diagram is approximate | 1 Miles City<br>2 Baker<br>3 Bowman<br>4 Powderville<br>5 Camp Creek<br>6 Broadus<br>7 Alzada<br>8 Reddy |   |   |   |   |   |   |   |
| 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: 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; salt or cave; mine, quarry; gravel pit          |  |
| Campground; picnic area; U. S. location monument            |  |
| Rail; 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             |  |
| Scrub; mangrove                                             |  |
| Orchard; vineyard                                           |  |

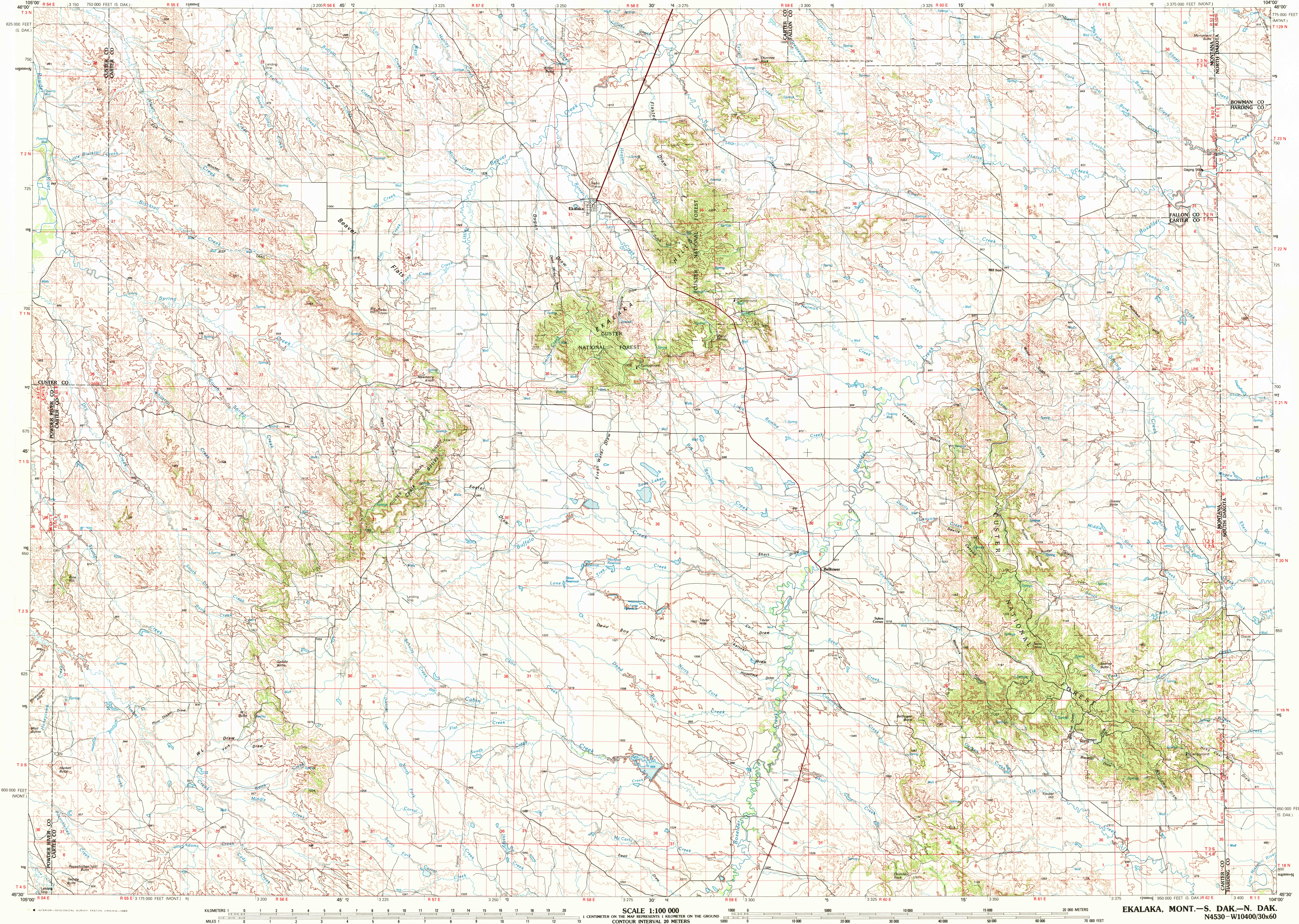
A pamphlet describing topographic maps is available on request

RETURN TO:

USGS AND HISTORICAL MAP ARCHIVES

EKALAKA, MONT.—S. DAK.—N. DAK.  
N4530—W10400/30x60

1982



KILOMETERS 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
MILES 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND  
CONTOUR INTERVAL 20 METERS

0 1000 0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 60000 70000 METERS