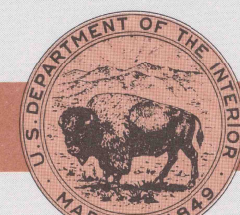


30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1979

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1961-1974. Map edited 1979

Planimetry revised from aerial photographs taken 1975-76 and other source data. Revised information not field checked

Projection and 10 000-meter grid, zone 14, Universal Transverse Mercator
50 000-foot grid ticks based on Nebraska coordinate system, south zone and Kansas coordinate system, north zone
1927 North American datum
To place on the predicted North American Datum 1983 move the projection lines 4 meters north and 38 meters east

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

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
1	3.2809
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

DECLINATION DIAGRAM

GN
MN
11°
29 MILS
196 MILS

1	2
4	5
6	7 8

UTM grid convergence (GN) and 1973 magnetic declination (MN) at center of map

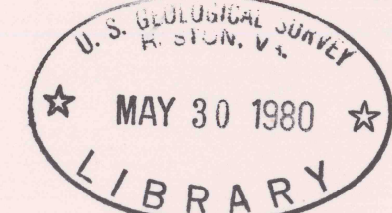
Diagram is approximate

To convert meters to feet multiply by 3.2809

To convert feet to meters multiply by 0.3048

1 Juleburg
2 Imperial
3 Gothenburg
4
5 McCook
6 Bonny Reservoir
7
8

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 8022
OR RESTON, VIRGINIA 22092



Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Minor road, gravel or dirt
- 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: protracted
- Power transmission line; pipeline
- Dam; with lock
- Century building
- Windmill; water well; spring
- Mine shaft; out of cave; mine quarry; gravel pit
- Cemetary; church
- Groundwork; picnic area; U.S. location monument
- Rains; cliff dwelling
- Distorted surface: step, mine, land sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Streams, lake; perennial; intermittent
- Reservoir, large and small; falls, tide and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove

Orchard; vineyard
United States, Topo. 1:100,000
A pamphlet describing topographic maps is available on request.

BENKELMAN, NEBRASKA-KANSAS
N4000-W10100 /30x60

1979

