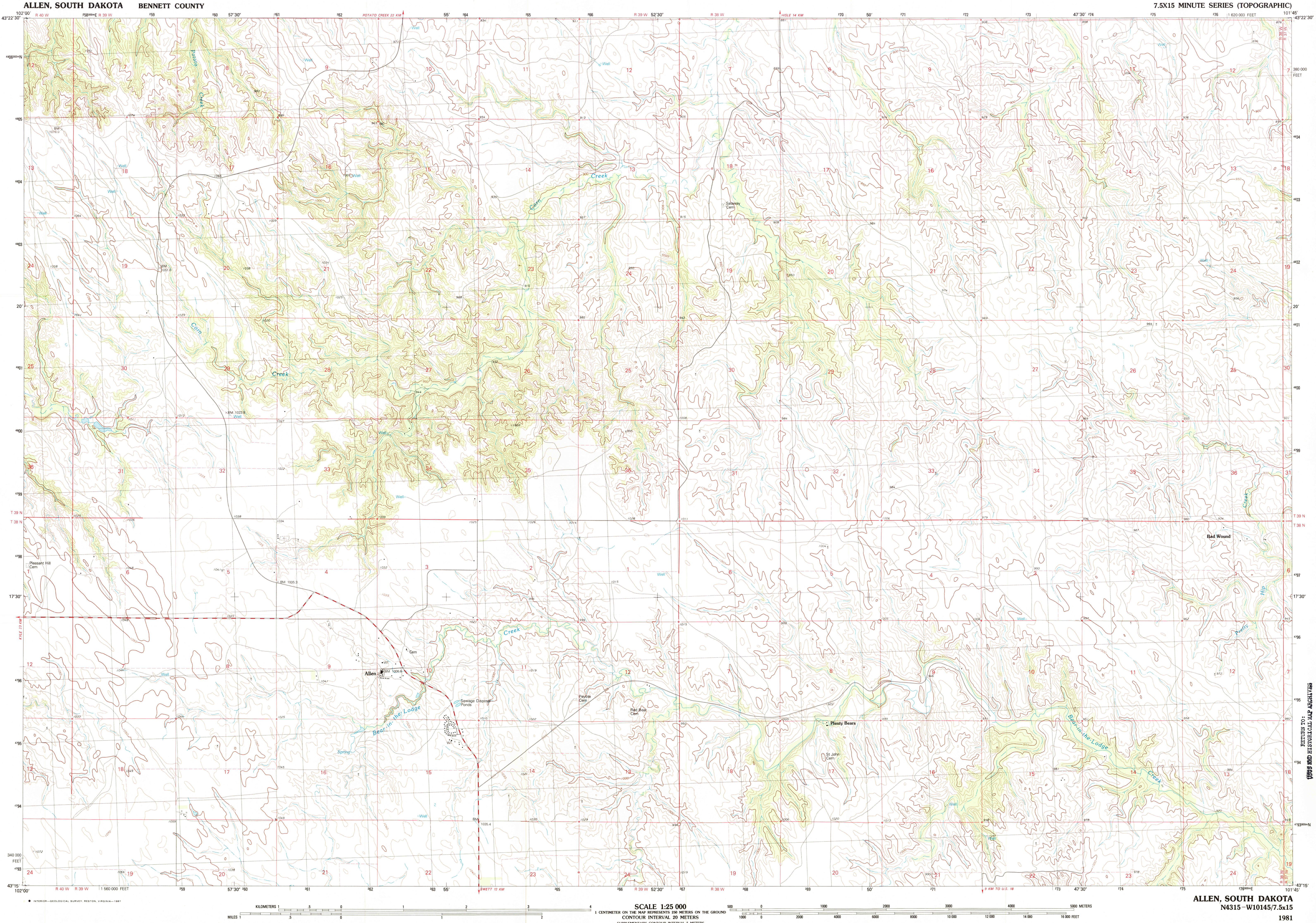




1:25 000-scale metric topographic map of

Allen

SOUTH DAKOTA

7.5 X 15 MINUTE QUADRANGLE SHOWING

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

USGS HISTORICAL FILE NATIONAL MAPS DIV.

GEOLOGICAL SURVEY

1981

Produced by the United States Geological Survey
Control by USGS and NOS/NOAA
Compiled by photogrammetric methods from aerial photographs taken 1974. Field checked 1975
Map edited 1981
Projection and 1000-meter grid, zone 14: Universal Transverse Mercator
10,000-foot grid ticks based on South Dakota coordinate system, south zone. 1927 North American datum
To place on the predicted North American Datum 1983 move the projection lines 6 meters north and 39 meters east as shown by dashed corner ticks

CONTOUR INTERVAL 10 METERS
SUPPLEMENTARY CONTOUR INTERVAL 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER 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		4	5	6	7
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					

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1981 magnetic declination (MO) at center of map

Diagram is approximate

1 Kyle

2 Hale

3 Buzzard Butte

4 Yellow Bear Camp

5 Patricia

6 Rainwater

7 Sweet

8 Martin

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, hard or improved surface

Unimproved road; trail

Route marker: interstate; U. S.; State

Bridge: drawbridge

Footbridge; overpass; underpass

Built-up area: only selected landmark buildings shown

Houses; barn; church; school; large structure

Natural, with monument

State

County, parish

Civil township, precinct, district

Incorporated city, village, town

National or State reservation; small park

Land grant with monument; found section corner

U. S. public lands survey: range, township; section

Range, township; section line: location approximate

Fence or field line

Power transmission line, located tower

Dam; dam with lock

Cemetery; grave

Campground; picnic area; U. S. location monument

Wellhead; water well; spring

Mine shaft; prospect; adit or cave

Control: horizontal station; vertical station; spot elevation

Contours: index; intermediate; supplementary; depression

Distorted surface: strip mine, lava, sand

Bathymetric contours: index; intermediate

Perennial lake and stream; intermittent lake and stream

Rapids, large and small; falls, large and small

Sewage disposal pond

Swamp; marsh

Salinized marsh; land subject to controlled inundation

Woodland; scattered trees

Orchard; vineyard

RETURNS TO:

USGS AND HISTORICAL MAP ARCHIVES

A pamphlet describing topographic maps is available on request

ALLEN, SOUTH DAKOTA

N4315-W10145/7.5x15

1981