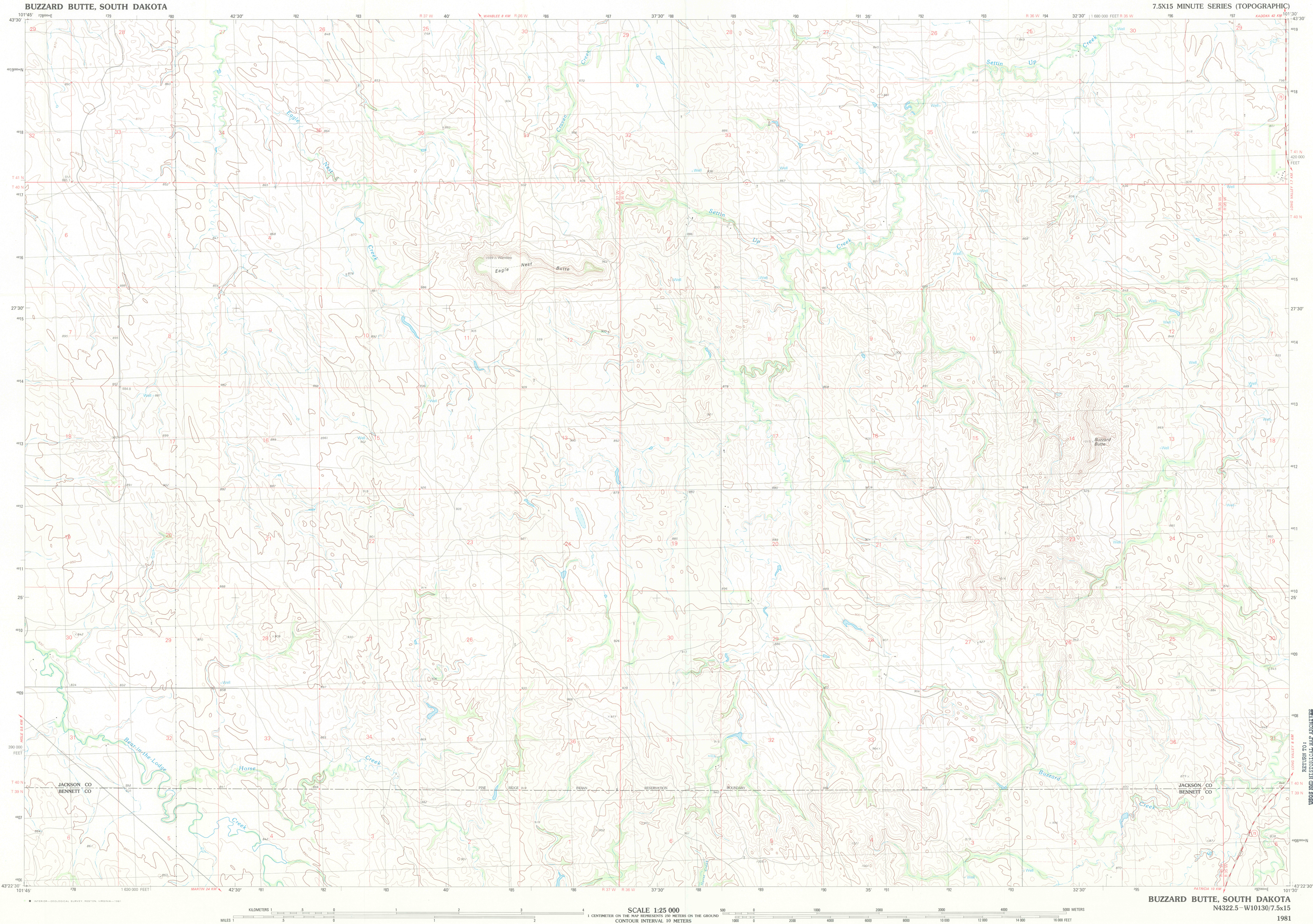
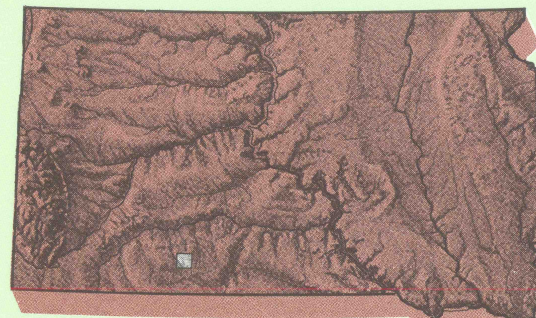




1:25 000-scale metric topographic map of

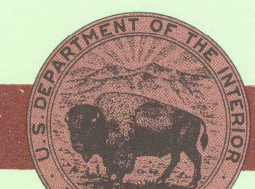
Buzzard Butte

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



HISTORICAL FILE
NATIONAL MAPPING DIVISION

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 38 meters east as shown by dashed corner ticks
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
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

Meters	Feet
1	3.2808
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

DECLINATION DIAGRAM

The diagram shows two vertical lines representing north directions. The left line is labeled 'GN' (Grid North) and the right line is labeled 'MN' (Magnetic North). An arc between them is labeled '1° 48' 10"'. Below the lines, a scale bar is labeled '32 MILES'.

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

Diagram is approximate

ADJOINING MAPS

1	A	2	B	3

1 Interior SE

2A Winkles 1:24 000

2B Broken Leg Dam

3 Short Bow Creek

4 Allen

5 Long Valley

6 Patricia

8 Blacktype

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	.....
Railroad: standard gage; narrow gage	.....
Bridge: drawbridge	.....
Footbridge; overpass; underpass	.....
Built-up area: only selected landmark buildings shown	.....
House; barn; church; school; large structure	.....
Boundary:	.....
National, 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	.....
Windmill; 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	.....
Swamp; marsh	.....
Submerged marsh; land subject to controlled inundation	.....
Woodland; scattered trees	.....
Scrub; mangrove	.....
Orchard; vineyard	.....

A pamphlet describing topographic maps is available on request