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HISTORICAL MAP ARCHIVES

ISBN 0-607-97258-4  
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Produced by the United States Geological Survey 1972  
Revision within and adjacent to National Forest System  
lands by USDA Forest Service 1998

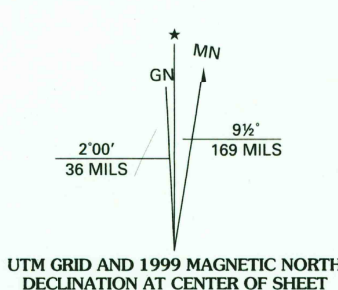
Topography compiled 1972. Planimetry derived from imagery taken 1993  
and other sources. Public Land Survey System and survey control current  
as of 1998.

North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks:  
South Dakota coordinate system, north zone (Lambert conformal conic)  
Blue 1000-meter Universal Transverse Mercator ticks, zone 13

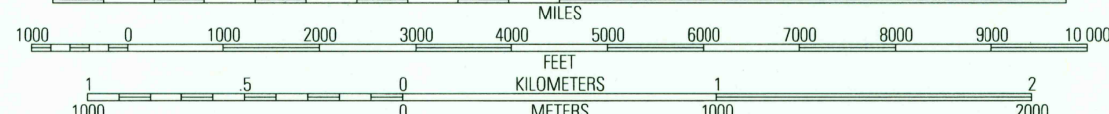
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks.  
The values of the shift between NAD 27 and NAD 83 for 7.5-minute  
intersections are obtainable from National Geodetic Survey NADCON software

Non-National Forest System lands within the National Forest  
Inholdings may exist in other National or State reservations

This map is not a legal land line or ownership document. Public lands are  
subject to change and leasing, and may have access restrictions; check  
with local offices. Obtain permission before entering private lands



UTM GRID AND 1999 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET



SCALE 1:24 000

CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048



QUADRANGLE LOCATION

|   |   |                        |                        |
|---|---|------------------------|------------------------|
| 1 | 2 | 3                      | 1 Black Horse Butte NW |
| 4 | 5 | 2 Black Horse Butte NE | 3 Cottonwood Creek NW  |
| 6 | 7 | 4 Black Horse Butte SW | 5 Cottonwood Creek SW  |
|   | 8 | 6 Glad Valley NW       | 7 Glad Valley NW       |
|   |   | 8 Irish Creek NW       |                        |

ADJOINING 7.5' QUADRANGLES

| HIGHWAYS AND ROADS                                    |                           |
|---|---------------------------|
| Interstate  | Primary highway           |
| U. S.   | Secondary highway         |
| State   | Light-duty road           |
| County  | Composition: Unspecified  |
| National Forest, suitable for passenger cars          | Paved                     |
| National Forest, suitable for high clearance vehicles | Gravel                    |
| National Forest Trail                                 | Dirt                      |
|   | Unimproved; 4 wheel drive |
|   | Trail                     |
|   | Gate; Barrier             |

TWIN BUTTE, SD  
1998  
NIMA 5675 III SE-SERIES V873

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

