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U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

UNITED STATES
ATOMIC ENERGY COMMISSION

# BUTCHER HILL QUADRANGLE
SOUTH DAKOTA—CUSTER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

5371 IV SW (IRON MOUNTAIN)
5371 IV SE (HAYWARD)
5371 III NW (MT. COOLIDGE)
5371 III SW (WIND CAVE)
5371 IV NW (BOLAND RIDGE)
5371 IV SW (HERMOSA)
5371 III SE
5371 II NW (FAIRBURN)
5371 II SW (FAIRBURN SW)

CUSTER 15 MI.
0.8 MI. TO ALT. U.S. 16

HERMOSA 12 MI.
RAPID CITY 31 MI.

1.8 MI. TO S. DAK. 79

FAIRBURN 2.1 MI.

7.3 MI. TO S. DAK. 87

18 MI. TO U.S. 18
HOT SPRINGS (VIA U.S. 18) 23 MI.

103°22′30″ — 103°15′ — 43°45′ — 43°37′30″

6320000m.E. — 6332000m.E. — 6341000m.E.

4845000m.N. — 4832000m.N.

1 220 000 FEET — 1 200 000 FEET

520 000 FEET — 490 000 FEET

R. 6 E. — R. 7 E. — 20′ — 17′30″

T. 3 S. — T. 4 S. — T. 5 S.

42′30″ — 40′

Cobb Ridge — Dry Creek — Fairview Sch (Abandoned) — BM 3751 — BM 3982 — Landing Field — Gordon Canyon — French Creek — Butcher Hill — Dry Creek Sch — BM 3693 — C U S T E R — S T A T E P A R K — Red Canyon — Red Hill — Bald Hill — Bud Hill — Jolly Flats — Bobcat Canyon — Racetrack Butte — Swint Creek — French Creek Sch (Abandoned) — French Creek — North Fork South Fork Lame Johnny Creek — Dow Ridge — BM 3747 — WIND CAVE NATIONAL PARK — NORTH WESTERN AND CHICAGO — BM 3555 — BM 3606 — BM 3668 — BM 3864 — BM 4031 — BM 3979 — BM 3422

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1954. Field check 1957

Polyconic projection. 1927 North American datum
10,000-foot grid based on South Dakota coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

To place on the predicted North American Datum 1983, move the projection lines 6 meters north and 42 meters east as shown by dashed corner ticks

UTM GRID AND 1957 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
MN — GN — 1°10′ 21 MILS — 11½° 204 MILS

20% TOTAL RECOVERED FIBER

SCALE 1:24000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Medium-duty — Light-duty
Unimproved dirt
State Route

SOUTH DAKOTA
QUADRANGLE LOCATION

SEP 19 2006

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1957

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