UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

THE HOGBACK QUADRANGLE
NORTH DAKOTA—MORTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

5877 III NW (LEYWOOD) | 5877 II NW (SUGARLOAF BUTTE)

100°52′30″ | 46°37′30″ | 100°45′ | 46°30′

ST. ANTHONY 1.8 MI. | MANDAN 17 MI. | 5877 III NE (SCHMIDT) | R 81 W | R 80 W | HUFF 6 MI.

1 930 000 FEET | 340 000 FEET | 310 000 FEET | 1 910 000 FEET

5877 III SW (SAINT ANTHONY) | 5877 II SW (HUFF)

(BREIEN) 5876 IV NW | (SOLEN) 5876 IV NE | SOLEN 8 MI. | (CANNON BALL NW) 5876 I NW

T 136 N | T 135 N

Radio Towers (KFYR)
Radio Tower (KBME)
Well
BM
Hogback 2281
SE Branch Little Heart River
Northwest Branch Cantapeta Creek
Cantapeta Creek
North Branch Cannonball River
The Hogback

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1974. Field checked 1975. Map edited 1980

Projection and 10,000-foot grid ticks: North Dakota coordinate system, south zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 14
1927 North American datum
To place on the predicted North American Datum 1983 move the projection lines 5 meters north and 34 meters east as shown by dashed corner ticks

Fine red dashed lines indicate selected fence lines

UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

NORTH DAKOTA
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route | U. S. Route | State Route

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND BY THE STATE WATER COMMISSION, BISMARCK, NORTH DAKOTA 58501
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1980

THE HOGBACK, N. DAK.
N4630—W10045/7.5
1980
DMA 5877 III SE—SERIES V871

OCT 23 1980
1900
USGS
Historical File
Topographic Division