UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF NORTH DAKOTA
WATER COMMISSION

HAZEN WEST QUADRANGLE
NORTH DAKOTA – MERCER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

5678 I NW (HAZEN NW) | 5678 I NE (HAZEN NE) | 5678 IV NE (BEULAH NE)

101°45′ | 101°37′30″ | 47°22′30″ | 47°15′ | 42′30″ | 40′ | 20′ | 17′30″

1 720 000 FEET | 1 690 000 FEET | 620 000 FEET | 590 000 FEET

R. 87 W. | R. 86 W.

T. 145 N. | T. 144 N.

Wolfe Cem | Gravel Pit | BM 1915 | BM 1994 | Truax | WT | MINE | STRIP | Antelope Creek | PACIFIC | BM 1900 | Gravel Pits | NORTHERN | Radio Tower | Gravel Pit | SPILLWAY ELEV 1858 | Schramm Dam | St Martins Cem | St Matthews Cem | Hazen | BM 1764 | BM 1748 | KNIFE RIVER | Brady Creek | BM 1766 | BM 1762 | BM 1770 | Otter Creek

5678 IV SE (BEULAH) | (HAZEN EAST) 5678 I SE | (RED BUTTE NW) 5678 II NW | (MEDICINE BUTTE NE) 5678 II NE | (RED BUTTE) 5678 II NE

HALLIDAY 30 MI. 1.7 MI. TO N. DAK. 49 | BEULAH 1.3 MI. | 7 MI. TO N. DAK. 31 RIVERDALE 29 MI.

SCALE 1:24 000

1 MILE | 7000 FEET | 1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1968

Polyconic projection. 1927 North American datum
10,000-foot grid based on North Dakota coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 14, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs
This information is unchecked

To place on the predicted North American Datum 1983, move the projection lines 4 meters north and 35 meters east as shown by dashed corner ticks

ROAD CLASSIFICATION
Heavy-duty | Light-duty
Medium-duty | Unimproved dirt
State Route

NORTH DAKOTA
QUADRANGLE LOCATION

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

HAZEN WEST, N. DAK.
47101-C6-TF-024
1968
DMA 5678 I SW—SERIES V871

USGS NMD HISTORICAL MAP
JUN 2 ? 1986
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