UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. G. S.
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Inspection and Editing.

NORTH DAKOTA
(PEMBINA COUNTY)
CAVALIER QUADRANGLE
15-MINUTE SERIES

CANADA
UNITED STATES
MANITOBA
NORTH DAKOTA
2670000 FEET
740000 FEET
ROSENFELD 15 MI.
U.S. CUSTOMS
HYDE PARK CEM
Park Center Ch
Park Center Sch
Riverside No 1 Sch
Riverside No 2 Sch
Neche
Edgerton Sch
Hughes Ch
East Leroy Sch
Bruce No 1 Sch
Bruce No 2 Sch
TOWNSHIP HALL
TYNER CEM
Tyner Sch
Crosby Sch
Leyden Sch
Backoo
Backoo Sch
East Backoo Sch
Cranley Sch
Ormley Sch
CAVALIER
Akra
Akra Sch
Fairport Sch
Krak Sch
Hyde
Park
Coulee
Pembina
River
Horrigan
Ridge
Tongue
Louden
GREAT NORTHERN
BATHGATE 1 MI.
(Bathgate)
HOOPLE 15 MI.
GRAFTON 33 MI.
LANGDON 29 MI.
HALLSON 4 MI.
HAMILTON 2½ MI.
GRAND FORKS 72 MI.
(Glasston)
T. 164 N.
T. 163 N.
T. 162 N.
T. 161 N.
R. 54 W.
R. 53 W.
R. 55 W.
97° 45′
97° 30′
49° 00′
48° 45′
3005000 YARDS
940000 YARDS
660000 FEET
2720000 FEET

Topography by F. W. Hughes, P. L. Zumwalt,
M. E. Sojka, V. L. Hill, C. E. Harding,
William Bell, and Lewis Johnson
Surveyed in 1939

Scale 1/62500
1/2 0 1 2 3 4 Miles
1000 500 0 1000 2000 3000 4000 5000 6000 7000 Yards
1000 0 3000 6000 9000 12000 15000 18000 Feet
1 5 0 1 2 3 4 5 Kilometers

Contour interval 5 feet
Datum is mean sea level

APPROXIMATE MEAN DECLINATION, 1939
10°
TRUE NORTH
MAGNETIC NORTH

Polyconic projection. 1927 North American datum
5000 yard grid based on U. S. zone system, D
10000 foot grid based on North Dakota (North)
rectangular coordinate system

ROUTES USUALLY TRAVELED
HARD IMPERVIOUS SURFACES
OTHER SURFACE IMPROVEMENTS
1941
2 U. S. ROUTE
3 STATE ROUTE

CAVALIER, N. DAK.
N4845—W9730/15

Preliminary edition 1941

USGS
Historical File
Topographic Division

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