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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

VELVA QUADRANGLE
NORTH DAKOTA
15 MINUTE SERIES (TOPOGRAPHIC)

(DEERING) (RIGA 1:24000)

101°00′ 48°15′ R. 80 W. (GRANVILLE SW 1:24000) 55′ TOWNER 26 MI. GRANVILLE 1.2 MI. 50′ (GRANVILLE 1:24000) R. 79 W. 1 930 000 FEET 100°45′ 48°15′

T. 155 N. MINOT 14 MI. SURREY 6.5 MI. R. 80 W. R. 79 W. T. 155 N. 450 000 FEET

N O R W I C H
G R A N V I L L E
N O R T H P R A I R I E
H E N D R I C K S O N
V E L V A
L E B A N O N
B R I L L I A N
B R O W N
V O L T A I R E
(SAWYER) (KARLSRUHE NW 1:24000)
(KARLSRUHE 9 MI.) VERENDRYE 0.8 MI. BERGEN 1.7 MI. HARVEY 44 MI.

Norwich
Town Hall
Oslie Lake
Carvers Lake 1504
Mikes Peak
Nead Lake
Henderson Hills
Gravel Pits
Genoa
BM 1586
GREAT NORTHERN
BM 1569
School No 1
Walters Sch No 2
Walters Sch No 3
North Prairie Ch
Simcoe
BM 1586
Stenkjer Cem
Walters Sch No 1
BM 1578
Walters Sch No 4
BM 1568
School No 3
Walley Cem
Westgaard Cem
RIVER
SOURIS
Howe School
Stink Lake 1543
Creek
Velva
Gravel Pits
Roach School
Lake Hester 1557
Potters Lake 1562
Spring Creek
Oak Coulee
Bonnes
Gravel Pit
ST PAUL MINNEAPOLIS
Ericson Lake 1575
Hjerdal Ch
Voltaire
AND SAULT STE MARIE
S. STE M. & ST P.
Coulee Sch
MCHENRY CO
WARD CO
370 000 FEET
T. 154 N.
T. 153 N.
T. 152 N.
48°00′ 101°00′ 1 880 000 FEET R. 81 W. RUSO 12 MI. 55′ R. 80 W. (KONGSBERG) 50′ INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. KONGSBERG 10 MI. R. 79 W. 100°45′ 48°00′
(BENEDICT) (BALFOUR)

SCALE 1:62500

1 ½ 0 1 2 3 4 MILES
3000 0 3000 6000 9000 12000 15000 18000 21000 FEET
1 .5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

13° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1948

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS		DRY WEATHER ROADS
Heavy-duty	4 LANE 2 LANE	Improved dirt
Medium-duty	4 LANE 2 LANE	Unimproved dirt
Loose-surface, graded, or narrow hard-surface		

U. S. Route ○ State Route

THIS AREA IS ALSO COVERED BY 1:24000 SCALE MAPS OF THE SIMCOE, NORWICH, VELVA, AND VOLTAIRE 7.5 MINUTE QUADRANGLES

Mapped, edited, and published by the Geological Survey as part of the Department of the Interior program for the development of the Missouri River Basin

Control by USGS and USC&GS

Culture and drainage in part compiled from aerial photographs taken 1938 and 1946
Topography by plane-table methods 1948

Polyconic projection. 1927 North American datum
10,000-foot grid based on North Dakota coordinate system, north zone

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, FEDERAL CENTER, DENVER, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division

VELVA, N. DAK.
N4800—W10045/15

EDITION OF 1951

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