UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

VELMA QUADRANGLE
NEBRASKA
15 MINUTE SERIES (TOPOGRAPHIC)

(LONGFELLOW LAKE) (GEORGE LAKE) (SPRING VALLEY)

102°00′ 55′ 50′ 101°45′
41°45′ 41°30′ 40′ 35′

1 460 000 FEET (NORTH) 1 380 000 FEET (SOUTH)
150 000 FEET (NORTH) 760 000 FEET (SOUTH)
680 000 FEET (SOUTH) 70 000 FEET (NORTH)
1 320 000 FEET (SOUTH) 1 510 000 FEET (NORTH)

R. 41 W. R. 40 W. R. 39 W. R. 38 W.

T. 21 N. T. 20 N. T. 19 N. T. 18 N.

GRANT CO GARDEN CO ARTHUR CO

ASHBY ELEVATED EDWARD PLATEAU BLUE CREEK BRADEN

Whaley Valley, Dunlap Valley, Cranford Valley, Roberts Valley, Colburn Valley, Benscoter Valley, Cochran Valley, Harvey Valley, Voss Valley, Stilliasen Valley, Doherty Valley, Houder Valley, Center Valley, Casey Valley, Stinsman Valley

Stotts Ranch, Rothwell Ranch, Windmill, Beekins Ranch, Smith Ranch, Jensen Ranch, Dancer Ranch, School No 9, Neilson Ranch, Jensen Lake, MacMillan Ranch, Spahn Ranch, Velma, School No 27, F Lane Ranch, Bourquin Hill, O Lane Ranch, Wymore Ranch, Quick Ranch, East Ranch, McCollin Ranch, School No 34J, Starkey Ranch, Hartman Ranch, Kaps Ranch, Hulbert Lake, School No 7, Cross Ranch, Peterson Ranch, A Orr Ranch, Spencer Ranch, Hawkins Ranch, H Orr Ranch, Frye Lake, Haythorn Lake, Schneede Ranch, Hall Ranch, School No 40, Johnson Ranch, Wilson Ranch, School No 1, Porter Ranch, Sibal Ranch

(RACKETT) (ARTHUR) (CHAPPELL 1:125000) (OGALLALA 1:125000)

ARTHUR 3.6 MI. 12 MI. TO NEBRASKA 61

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

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1946. Field check 1949

Polyconic projection. 1927 North American datum
10,000-foot grids based on Nebraska coordinate system, north and south zones

APPROXIMATE MEAN DECLINATION, 1949
TRUE NORTH 13° MAGNETIC NORTH

SCALE 1:62500

1 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 20 FEET
DOTTED LINES REPRESENT HALF-INTERVAL CONTOURS
DATUM IS MEAN SEA LEVEL

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

VELMA, NEBR.
N4130—W10145/15

EDITION OF 1950

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

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