UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

VARNEY QUADRANGLE
MONTANA-MADISON CO.
15 MINUTE SERIES (TOPOGRAPHIC)

Stereo compilation by Fairchild Aerial Surveys, Inc.
for the Bureau of Reclamation
Field examination and publication by the Geological Survey as part of the Department of the Interior program for the development of the Missouri River Basin

Control by USGS, USC&GS, and USFS

Topography from aerial photographs by stereoplanigraph methods
Aerial photographs taken 1947. Field check 1949

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

Land lines unsurveyed in T. 9 S.-R. 2 W., T. 10 S.-R. 1 W., T. 10 S.-R. 2 W. and in part of T. 8 S.-R. 2 W. and T. 9 S.-R. 1 W.
Dashed land lines indicate approximate location

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

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 40 FEET
DATUM IS MEAN SEA LEVEL

APPROXIMATE MEAN DECLINATION, 1949
18½° TRUE NORTH MAGNETIC NORTH

ROAD CLASSIFICATION
Heavy-duty 4 LANE | 6 LANE Light-duty
Medium-duty 4 LANE | 6 LANE Unimproved dirt
U. S. Route State Route

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

VARNEY, MONT.
N4500—W11145/15

1949

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Historical File
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