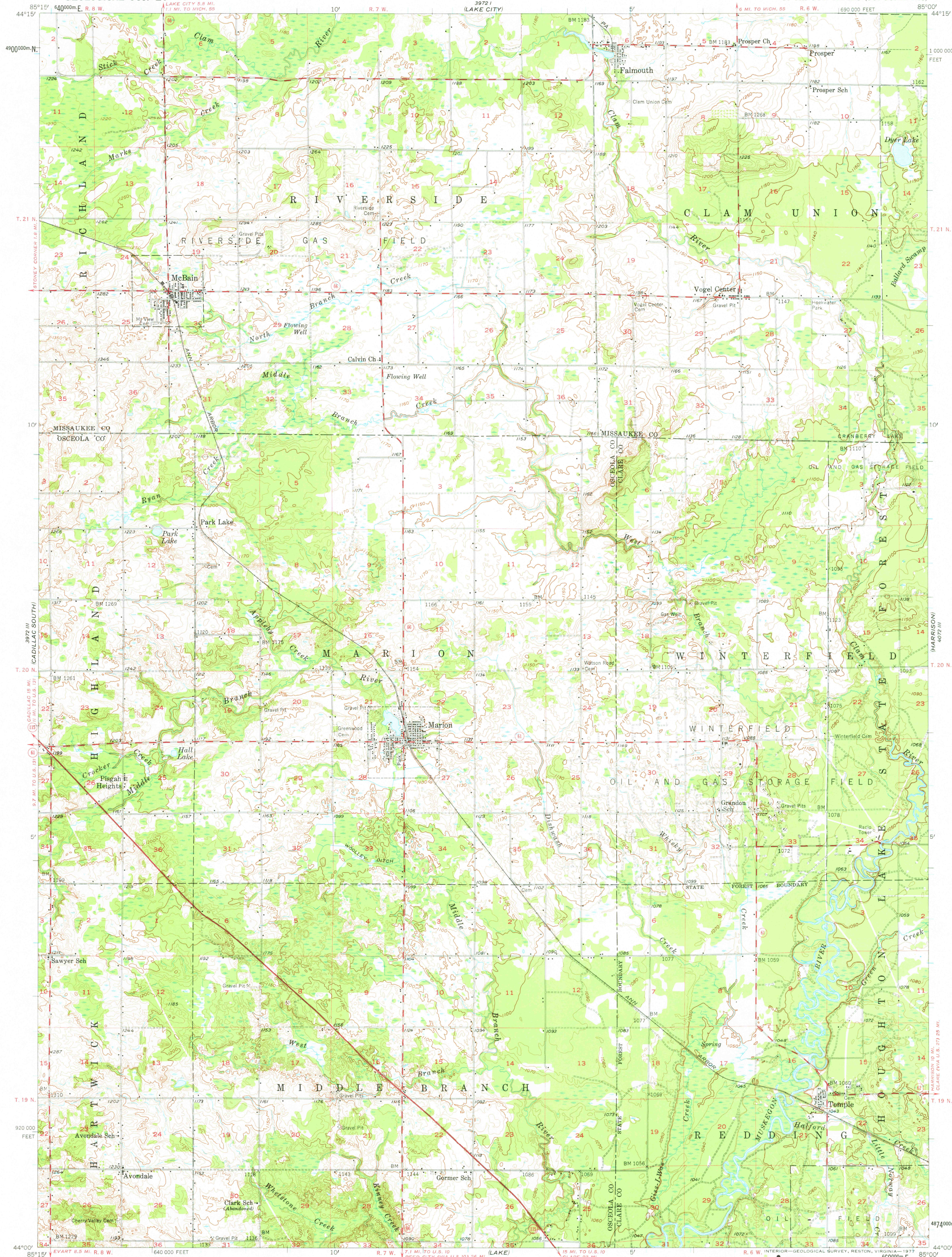


CADILLAC NORTH
3972 IV
44°15'N
85°15'W

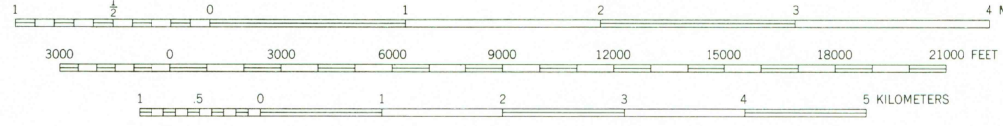
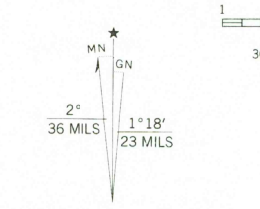
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MARION QUADRANGLE
MICHIGAN
15 MINUTE SERIES (TOPOGRAPHIC)

3972 IV
HOUGHTON LAKE



Maped, edited, and published by the Geological Survey
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Topography from aerial photographs by Kelsh plotter
Aerial photographs taken 1954-1955. Field check 1957
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks,
zones 16, shown in blue



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION
Heavy duty ——— Light duty ———
Medium duty ——— Unimproved dirt ———
State Route ———

MARION, MICH.
N4400—W8500/15
1957
AM 3972 II-SERIES V 762

USGS
Historical File
Topographic Division

JUN 13 1977

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