

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BELLE ISLE QUADRANGLE
MICHIGAN—ONTARIO
7.5 MINUTE SERIES (TOPOGRAPHIC)



Maped, edited, and published by the Geological Survey
in cooperation with State of Michigan agencies

Control by USGS, USC&GS, U. S. Lake Survey, and City of Detroit
Planimetry by photogrammetric methods from aerial photographs
Topography by plane-table surveys 1938. Revised from aerial
photographs taken 1967. Field checked 1968.
Canadian portion copied in part from Riverside quadrangle
(1:25,000) 1960, Army Survey Establishment, R. C. E.

Selected hydrographic data compiled from U. S. Lake Survey
Charts 41 and 42 (1966). This information is not intended
for navigational purposes

Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue
Red tint indicates areas in which only landmark buildings are shown

UTM GRID AND 1980 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET
To place on the predicted North American
Datum 1983 move the projection lines 8
meters west as shown by dashed corner ticks
There may be private inholdings within the
boundaries of the National or State reservations
shown on this map

CONTOUR INTERVAL 5 FEET IN THE UNITED STATES AND 10 FEET IN CANADA
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS RIVER SURFACE AT
FOLLOWING STAGES: LAKE ST. CLAIR—571.7 AND LAKE ERIE—568.6

THE U. S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
AND BY THE GEOLOGICAL SURVEY DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple compiled from aerial photographs
taken 1973 and 1978. Map edited 1980. This information
not field checked. Canadian portion not revised

ROAD CLASSIFICATION

Primary highway, all weather, hard surface
Secondary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
State Route



QUADRANGLE LOCATION

BELLE ISLE, MICH.—ONT.
N4215—W8252.5/7.5

1968
PHOTOREVISED 1973 AND 1980
DMA 4468 IV SW—SERIES V862

USGS
Historical File
National Mapping Div.

MAR 25 1981

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