UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MICHIGAN

HUBBARDSTON QUADRANGLE
MICHIGAN
7.5 MINUTE SERIES (TOPOGRAPHIC)

4070 II NW (BUTTERNUT)
4070 II NW (PERRINTON)
4070 III NE (CARSON CITY)
4070 III SW (PALO)
4070 II SW (MAPLE RAPIDS)
4069 IV (PORTLAND 1:62 500)

84°52'30" 43°07'30" 84°45' 43°00' 2'30" 5'

674 000m E. 675 676 677 679 680 681 682 1 880 000 FEET
4775 000m N. 4774 4773 4772 4771 4770 4769 4768 4767 4766 4765 4764 550 000 FEET

R. 5 W. CARSON CITY 3.7 MI. R. 4 W. 50' 47'30"
T. 9 N. T. 8 N. T. 7 N.

MONTCALM CO
IONIA CO
GRATIOT CO
CLINTON CO

BLOOMER
NORTH SHADE
NORTH LYONS
LEBANON
LYONS
DALLAS

Hubbardston
Matherton
Pewamo

MAPLE RIVER STATE GAME AREA
THE ISLAND

MAPLE RIVER
FISH CREEK
Connors Drain
Sessions Drain
Fitzpatrick Drain
Reynolds and Sessions Drain
Connor Drain
Fifield Creek
Nichols Drain
Stoddard Creek
Bower Drain
Waters and Nash Dr
Catlin and Waters Drain
Stewart and Kinley Drain
Williams and Cook Dr
Sage and Hosher Drain
Sharps Drain
Fisher Dr
Pierce and Long Dr
Rust Drain
Lost Creek

McKENNA ROAD
BORDEN ROAD
HOGAN RD
STOUDT RD
CHARLES RD
NICKLE PLATE BR 645
WAGER ROAD
ISLAND ROAD
COOK ROAD
KINLEY ROAD
STONE ROAD
FRENCH ROAD
COLONY ROAD
GRAND TRUNK BM
WALKER ROAD
MAPLE RAPIDS ROAD
BLISS RD
WARNER RD
HINMAN ROAD
TALLMAN RD
GRANGE RD
JONES RD
FERRIS RD
OSBORN RD
DAILEY RD
COWMAN ROAD
BRAYTON ROAD
HUBBARDSTON GAME AREA
BDY ROAD

Gravel Pit
St Johns Cem
West Side Cem
East Plains Cem
Most Holy Trinity Cem
Pewamo Cem

MAPLE RAPIDS 5 MI.
IONIA 11 MI.
MUIR 3.7 MI.
PALO 7 MI.
FOWLER 0.5 MI.
ST. JOHNS 10 MI.
WESTPHALIA 4.8 MI.

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

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1965. Field checked 1967

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 16, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

MN GN
2° 36 MILS
1°30' 27 MILS
UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division

MICHIGAN
QUADRANGLE LOCATION

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

U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION

HUBBARDSTON, MICH.
N4300—W8445/7.5

1967

AMS 4070 III SE—SERIES V862

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MAY 5 1969