UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MICHIGAN
STATE HIGHWAY DEPARTMENT

HETHERTON QUADRANGLE
MICHIGAN
15 MINUTE SERIES (TOPOGRAPHIC)

4074 I (WOLVERINE) | 4174 I (ONAWAY)

84°30′ | 45°15′ | R. 2 W. | R. 1 W. | R. 1 E. | 2 010 000 FEET | 84°15′ | 45°15′

9.1 MI. TO U.S. 23 | 7 MI. TO U.S. 23

698000m E. | 700 | 701 | 702 | 25′ | 705 | 4174 IV (TOWER) | 707 | 708 | 20′ | 710 | 715

5012000m N. | 5011 | 5010 | 5009 | 5008 | 5007 | 5006 | 5005 | 10′ | 5004 | 5003 | 5002 | 5001 | 4999 | 4998 | 4997 | 4996 | 5′ | 4995 | 4994 | 4993 | 4992 | 4991 | 4990 | 4989 | 4987000m N.

5014 | 5012 | 5011 | 5010 | 5009 | 5008 | 5007 | 5006 | 10′ | 5003 | 5002 | 5001 | 4997 | 4996 | 5′ | 4995 | 4993 | 4992 | 4990 | 4989

700 000 FEET

T. 33 N. | T. 32 N. | T. 31 N. | T. 30 N.

620 000 FEET

1 960 000 FEET

HARDWOOD STATE FOREST
NUNDA
BLACK LAKE STATE FOREST
CORWITH
MONTMORENCY
PIGEON RIVER STATE FOREST
CHARLTON
VIENNA
THUNDER BAY RIVER STATE FOREST
GREEN
BRILEY

CHEBOYGAN CO
OTSEGO CO
MONTMORENCY CO

MERIDIAN

Hackett Lake
Pigeon River
Cornwall Creek
Cornwall Lake
McMasters Creek
Little McMasters Creek
Black River
Oxbow Creek
Doe Lake
Paul Bunyan Punch Bowl
Hemlock Lake
Grass Lake
Mud Lake
West Lost Lake
Lost Lake
Section Four Lake
Devils Bowl Lake
North Twin Lake
South Twin Lake
Ford Lake
Gravel Pit
Gaging Sta.
State Forest Headquarters
Hardwood Lake
Sally Lake
Silver Lake
Black River Ranch Club
Black River Ranch Landing Field
Dollar Lake
Sucker Creek
Sucker Creek Branch
Lansing Club
Lansing Club Pond
Beaver Marsh
Round Lake
Hardwood Creek
Beaver Dam Club
Pigeon River Lookout Tower
Tin Shanty Bridge
Walled Lake
Town Corner Lake
Eagle Lake
Town Line Lakes
West Town Corner Lake
Black Creek
Hodge Creek
Tubbs Creek
Barber Bridge
Eagle Creek
Rattlesnake Creek
Rattlesnake Hills
Swamp Creek
Shingle Mill Bridge
Old Baldy Hill
Windmill
Lake Nineteen
Saunders Dam
Saunders River
Metzger Sch
Johannsen
Hetherton
Gingell Lake
Gingell Cem.
Gravel Pit

BM 949 | BM 919 | BM 966 | BM 918 | BM 891 | BM 947 | BM 857 | BM 880 | BM 947 | BM 877 | BM 909 | BM 947 | BM 993 | BM 1062 | BM 1096 | BM 981 | BM 968 | BM 897 | BM 931 | BM 930 | BM 1333 | BM 1367

ANDERBILT 8.4 MI. | 4074 II (GAYLORD) | SPARR 3.7 MI. | FOREST BOUNDARY | 1 MI. TO MICH. 32 | (JOHANNESBURG 1:24 000) 4173 IV NW | VIENNA CORNERS 2 MI. | (LEWISTON 1:24 000) 4173 IV NE | 5.1 MI. TO MICH. 33 | ATLANTA 5.5 MI. ALPENA 45 MI. | BIGELOW 2.5 MI. GAYLORD 27 MI. | (TURTLE LAKE 1:24 000) 4073 I NE | 4174 I (ATLANTA) | (COMINS) 4173 I

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and USCE

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1952. Field checked 1954

Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue

There may be private inholdings within the boundaries of the National or State reservations shown on this map

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
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MN | GN | 3½° 62 MILS | 1°52′ 33 MILS
UTM GRID AND 1954 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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

MICHIGAN
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Heavy-duty | Light-duty
Medium-duty | Unimproved dirt
U. S. Route | State Route

HETHERTON, MICH
N4500—W8415/15
1954

AMS 4174 III—SERIES V762

SEP 27 1979
800
USGS
Historical File
Topographic Division