UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

BIG BRADFORD LAKE QUADRANGLE
MICHIGAN
7.5 MINUTE SERIES (TOPOGRAPHIC)

84°45′ — 44°52′30″ — R. 4 W. R. 3 W. — 42′30″ — OTSEGO LAKE 2.8 MI. WATERS 0.2 MI. (OTSEGO LAKE) — 40′ — 250 000 FEET — 84°37′30″ — 44°52′30″ (TURTLE LAKE)

1 230 000 FEET

H A Y E S

P I G E O N R I V E R S T A T E F O R E S T

O T S E G O L A K E F O R E S T

A U S A B L E S T A T E F O R E S T

F E D E R A L R E S E R V A T I O N

M A P L E F O R E S T

G R A Y L I N G M I L I T A R Y R E S E R V A T I O N (M I C H I G A N N A T I O N A L G U A R D)

H A R T W I C K P I N E S S T A T E P A R K

G R A Y L I N G

BIG BRADFORD LAKE
Lake Marjory
Horseshoe Lake
Blue Gill Lake
Beaver Lake
Bass Lake Cabins
Road Out Creek
Bradford Creek
NEW YORK CENTRAL
OTSEGO CO
CRAWFORD CO
T. 29 N.
T. 28 N.
T. 27 N.
MIL. RES. BDY.
STATE FOR. BDY.
Ruins
Windmill
Maple Forest Township Hall
Maple Forest Cemetery
Forbush Corner
BM 1289
BM 1293
BM 1300
BM 1250
COUNTY ROAD 612
Au Sable River
East Branch Au Sable River
GRAYLING 11 MI.
FREDERIC 2.9 MI.
FREDERIC 0.3 MI.
LOVELLS 8.8 MI.
5.4 MI. TO U.S. 27
GRAYLING 8.1 MI.
(LAKE MARGRETHE)
(K P LAKE)
(WAKELEY LAKE)

84°45′ — 220 000 FEET — R. 4 W. R. 3 W. — 42′30″ — (GRAYLING) — 40′ — 84°37′30″ — 44°45′

1 190 000 FEET

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA

SCALE 1:24000

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

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

Mapped by the Army Map Service
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Topography from aerial photographs by multiplex methods
Aerial photographs taken 1949. Field check 1950

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

Unchecked elevations are shown in brown

2½° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1950

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS		DRY WEATHER ROADS
Heavy-duty	4 LANE 16 LANE	Improved dirt
Medium-duty	4 LANE 16 LANE	Unimproved dirt
Loose-surface, graded, or narrow hard-surface		

U. S. Route State Route

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

BIG BRADFORD LAKE, MICH.
N4445—W8437.5/7.5

EDITION OF 1951

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