UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BIG RAPIDS SW QUADRANGLE
MICHIGAN
7.5 MINUTE SERIES ORTHOPHOTOQUAD

3971 II NE (WOODVILLE NE) | 3971 III NE (BIG RAPIDS NE)
3971 III NW (BIG RAPIDS NW)
3971 II SE (WOODVILLE SE) | 3971 III SE (BIG RAPIDS SE)
3970 IV NW (HOWARD CITY NW)
3970 IV NE (HOWARD CITY NE)
(SAND LAKE NE) 3970 I NE

85° 30′ — 85° 22′ 30″ — 43° 37′ 30″ — 43° 30′ — 32′ 30″ — 27′ 30″ — 25′

1 720 000 FEET — 770 000 FEET — 740 000 FEET — 1 700 000 FEET

6 22 000m E — 23 — 24 — 25 — 26 — 27 — 28 — 29 — 30 — 31 000m E

48 31 000m N — 30 — 29 — 28 — 27 — 26 — 25 — 24 — 23 — 22 — 21 — 20 — 19 — 18 000m N

ROGERS DAM POND
MUSKEGON RIVER
MACKS CREEK
STANWOOD
HIGBEE CORNER
BORLAND
LITTLE MUSKEGON RIVER
131

Produced and published by the Geological Survey

Orthophotograph prepared from 1:80,000-scale aerial photograph taken May 9, 1976

Projection and 10,000-foot grid ticks: Michigan coordinate system, south zone (Lambert conformal conic) 1000-meter Universal Transverse Mercator grid, zone 16. 1927 North American datum

Photoimagery rectified by optical scanning which may produce double or mismatched images; use the mean of image positions for map point

MN — GN
2½° 44 MILS — 1°05′ 19 MILS
UTM GRID AND 1976 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 — ½ — 0 — 1 MILE
1000 — 0 — 1000 — 2000 — 3000 — 4000 — 5000 — 6000 — 7000 FEET
1 — .5 — 0 — 1 KILOMETER

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

PRINCIPAL NUMBERED HIGHWAYS
Interstate Route — U. S. Route — State Route

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MICHIGAN — QUADRANGLE LOCATION

This quadrangle area also covered by SW/4 of Big Rapids 1:62,500-scale topographic map

BIG RAPIDS SW, MICH.
N4330—W8522.5/7.5

1976

AMS 3971 III SW—SERIES V062

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