U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

MICHIGAN CITY WEST QUADRANGLE
INDIANA
7.5-MINUTE SERIES (TOPOGRAPHIC)

RECEIVED
NOV 30 1999
USGS/NMD
HISTORICAL MAP ARCHIVES

Produced by the United States Geological Survey

Topography compiled 1969. Planimetry derived from imagery taken 1977 and other sources. Photoinspected using imagery dated 1994; no major culture or drainage changes observed. PLSS and survey control current as of 1969. Boundaries, other than corporate, verified 1999

North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks: Indiana coordinate system, west zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 16

North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software

Selected hydrographic data compiled from U.S. Lake Survey Chart 75 (1966)
This information is not intended for navigational purposes

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

Information shown in purple may not meet USGS content standards and may conflict with previously mapped contours

MN GN
3° 53 MILS
0° 02′ 1 MIL
UTM GRID AND 1999 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

20% TOTAL RECOVERED FIBER

SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2
1000 0 METERS 1000 2000
1 0.5 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

CONTOUR INTERVAL 10 FEET
SUPPLEMENTARY CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048
DEPTH CURVES AND SOUNDINGS IN FEET
REFERENCE LEVELS 576.8 FEET, INTERNATIONAL GREAT LAKES DATUM
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIBLE

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

INDIANA
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 2 3 New Buffalo West 4 Dune Acres 5 Michigan City East 6 Chesterton 7 Westville 8 Laporte West

ADJOINING 7.5′ QUADRANGLE NAMES

ROAD CLASSIFICATION

Primary highway hard surface
Secondary highway hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route
U.S. Route
State Route

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