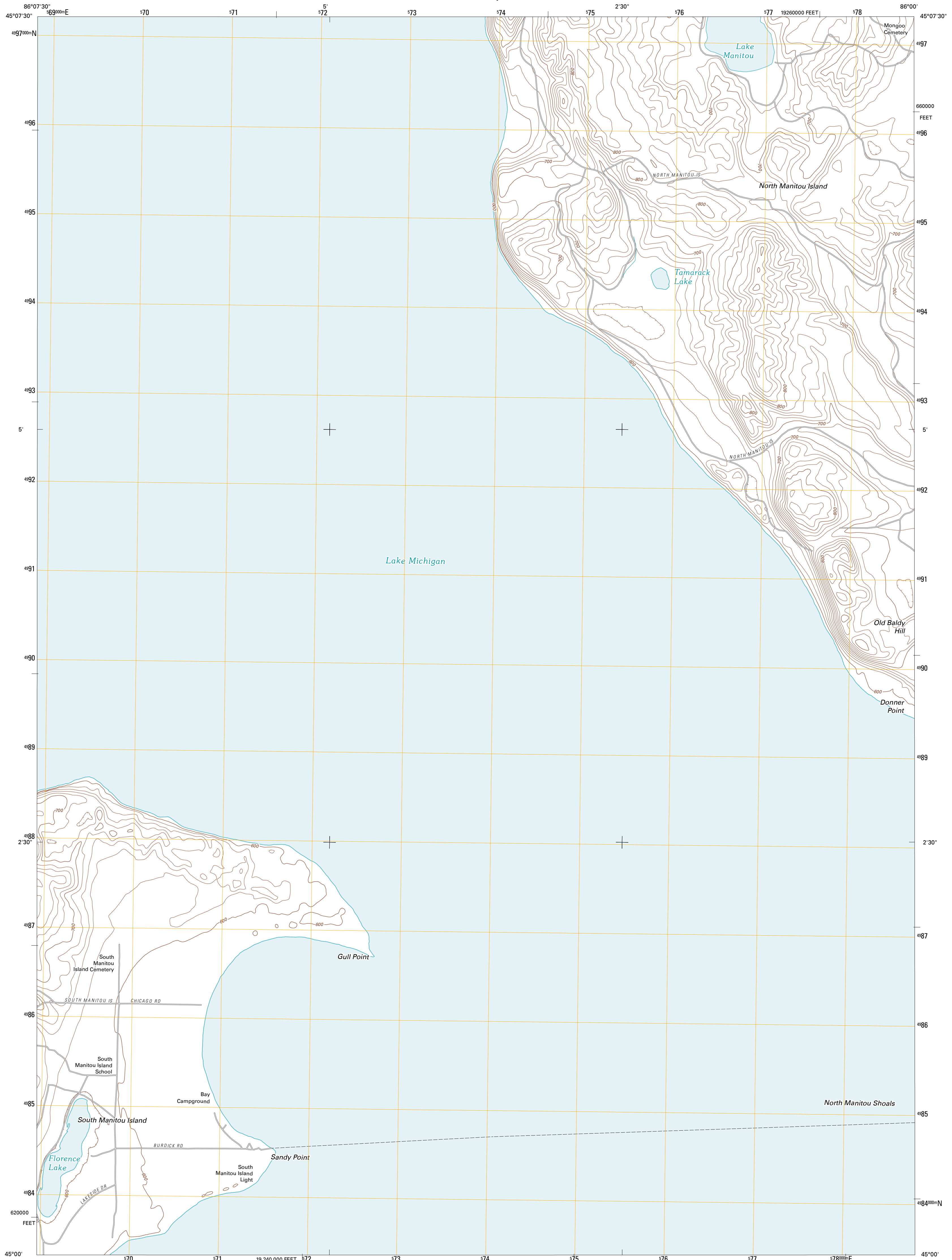




U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY

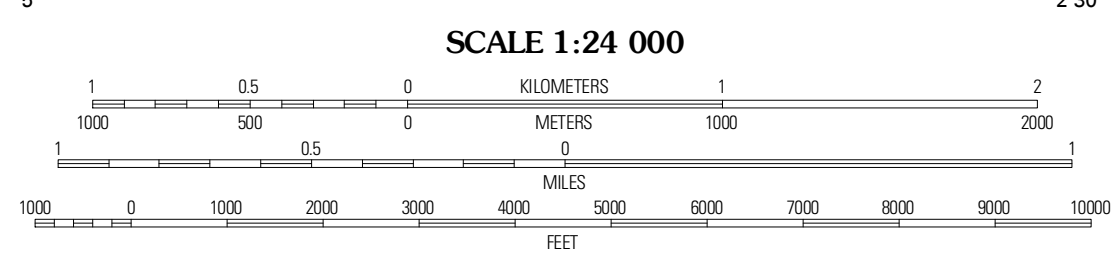
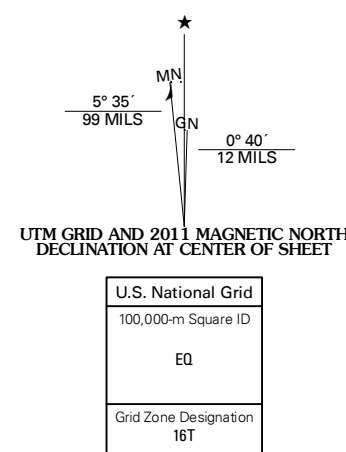


NORTH MANITOU ISLAND QUADRANGLE
MICHIGAN-LEELANAU CO.
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 16T
10 000-foot ticks: Michigan Coordinate System of 1983
(central zone)

Imagery.....N.A.I.P., July 2009
Roads.....©2006-2010 Tele Atlas
Names.....GNIS, 2010
Hydrography.....National Hydrography Dataset, 2009
Contours.....National Elevation Dataset, 1999
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2010



CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

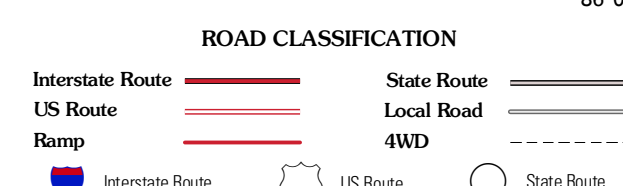
This map was produced to conform with version 0.5.10
of the USGS US Topo Product Standard.
A metadata file associated with this product is draft version 0.5.16



QUADRANGLE LOCATION

North Manitou Island OE NE	North Manitou Island OE NE	North Manitou Island OE NE
South Manitou Island	North Manitou Island	North Manitou Island OE E
South Manitou Island OE S	Gen Haven	Gen Arbor

ADJOINING 7.5 QUADRANGLES



NORTH MANITOU ISLAND, MI
2011