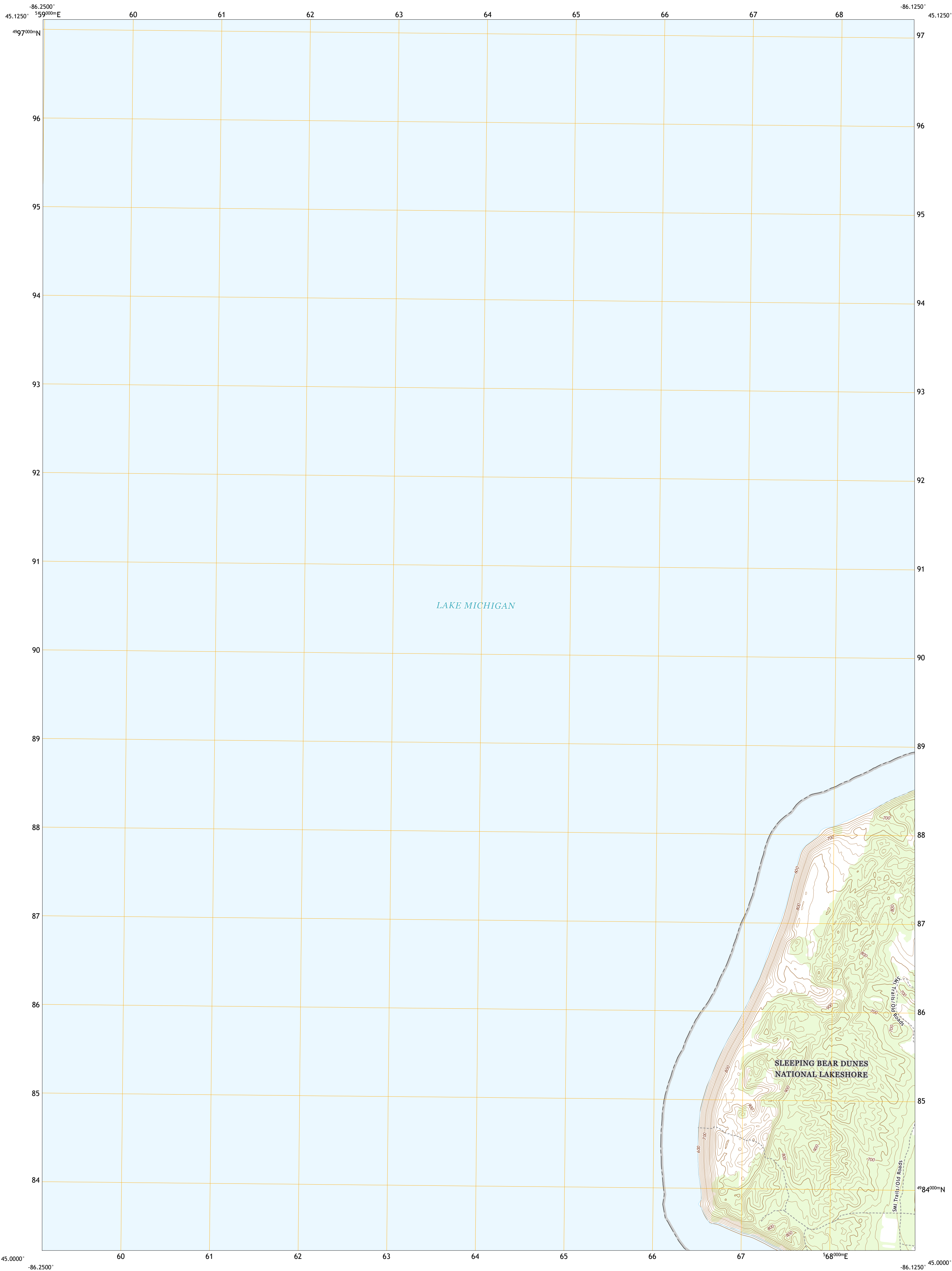




U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

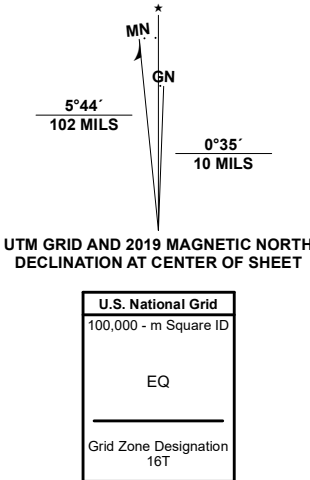


SOUTH MANITOU ISLAND QUADRANGLE  
MICHIGAN - LEECLANAU COUNTY  
7.5-MINUTE SERIES

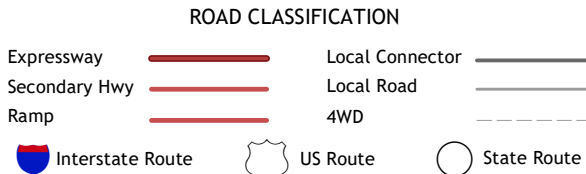
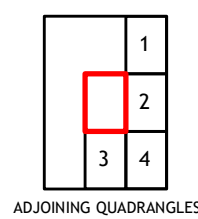
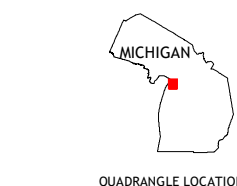


Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84), Projection and  
1 000-meter grid/Universal Transverse Mercator, Zone 16T  
This map is not a legal document. Boundaries may be  
generalized for this map scale. Private lands within government  
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entering private lands.  
Imagery.....NAIP, July 2016 - October 2016  
Roads.....U.S. Census Bureau, Not Available  
Names.....GNS, Not Available  
Hydrography.....National Hydrography Dataset, 2007 - 2019  
Contours.....National Elevation Dataset, 2017  
Boundaries.....Multiple sources; see metadata file 2017 - 2018  
Public Land Survey System.....BLM, 2018  
Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 20 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard, 2011.  
A metadata file associated with this product is draft version 0.6.18



SOUTH MANITOU ISLAND, MI

2019

