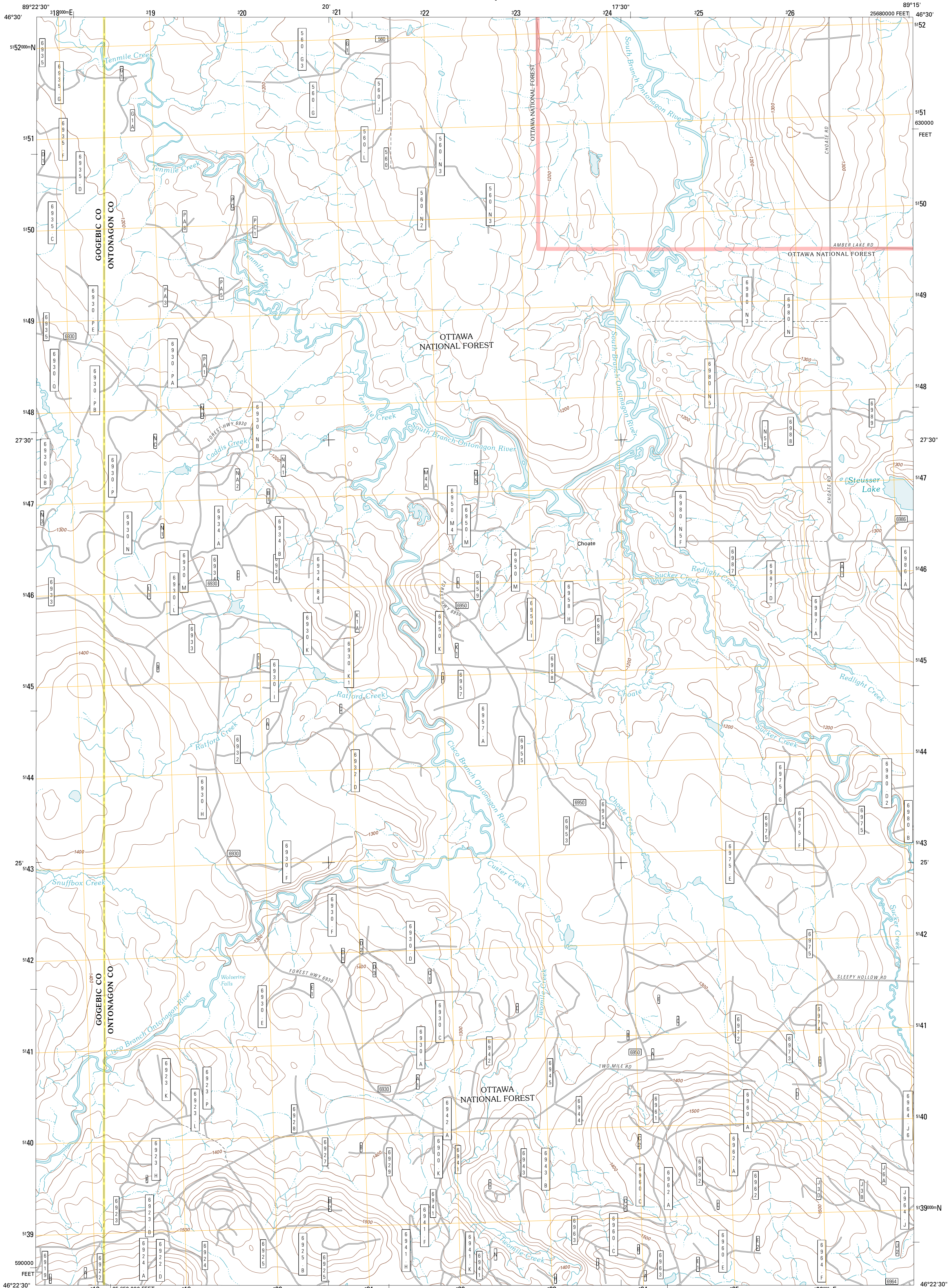




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY



CHOATE QUADRANGLE  
MICHIGAN  
7.5-MINUTE SERIES

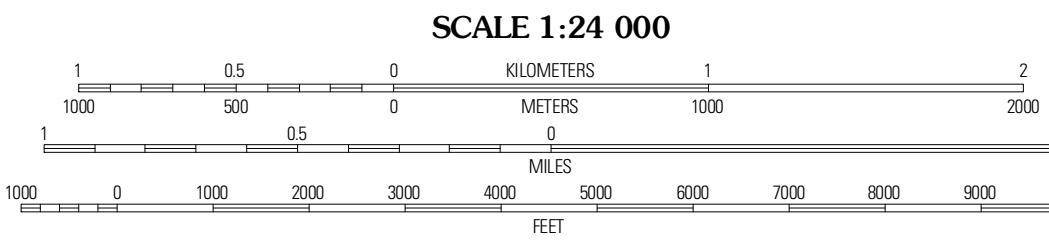


Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid. Universal Transverse Mercator, Zone 16T  
10 000-foot ticks: Michigan Coordinate System of 1983  
(north zone)

Imagery.....NAIP, August 2009  
Roads.....2006-2010 Tele Atlas  
Roads within US Forest Service Lands.....FS Topo Data  
with limited Forest Service updates, 2009  
Names.....GNIS, 2010  
Hydrography.....National Hydrography Dataset, 2009  
Contours.....National Elevation Dataset, 2005  
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2010

UTM GRID AND 2011 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

|                       |
|-----------------------|
| U.S. National Grid    |
| 100,000-m Square ID   |
| CS                    |
| Grid Zone Designation |
| 16T                   |



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



|           |        |                |
|-----------|--------|----------------|
| Matchwood | Ewen   | Bruce Crossing |
| Cup Lake  | Choate | Pudding        |
| Thayer    | Beaton | Waterman       |

ROAD CLASSIFICATION

|                  |             |
|------------------|-------------|
| Interstate Route | State Route |
| US Route         | Local Road  |
| Ramp             | 4WD         |

Check with local Forest Service unit  
for current travel conditions and restrictions.

CHOATE, MI  
2011