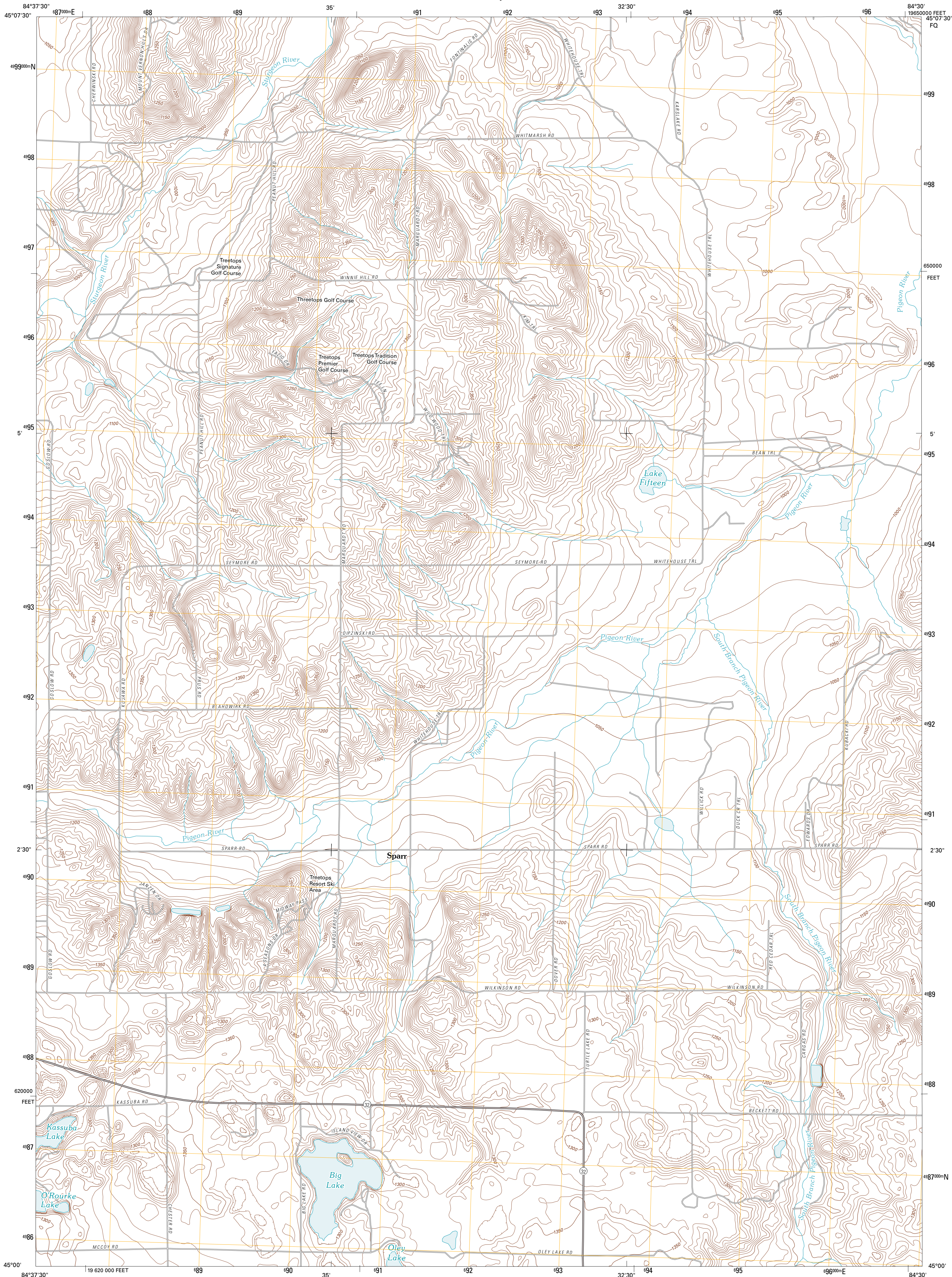




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

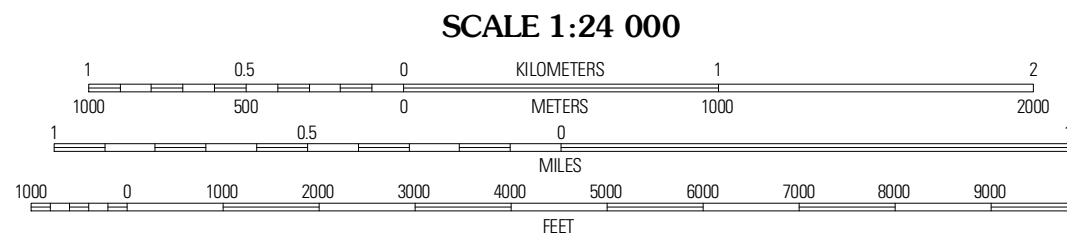
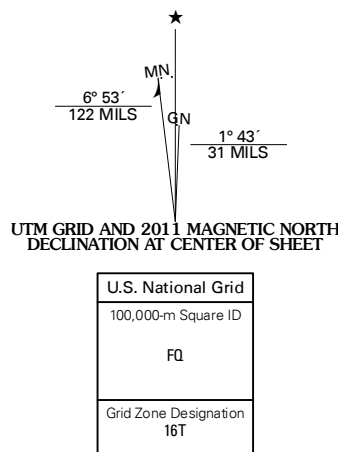


SPARR QUADRANGLE  
MICHIGAN-OTSEGO CO.  
7.5-MINUTE SERIES



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.....NAIP, July 2009 - September 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 10 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



|             |               |                |
|-------------|---------------|----------------|
| Vanderbilt  | Green Timbers | Hardwood Lake  |
| Gaylord     | Sparr         | Saunders Creek |
| Otsego Lake | Turtle Lake   | Johnsburg      |

ADJOINING 7.5' QUADRANGLES

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

SPARR, MI  
2011