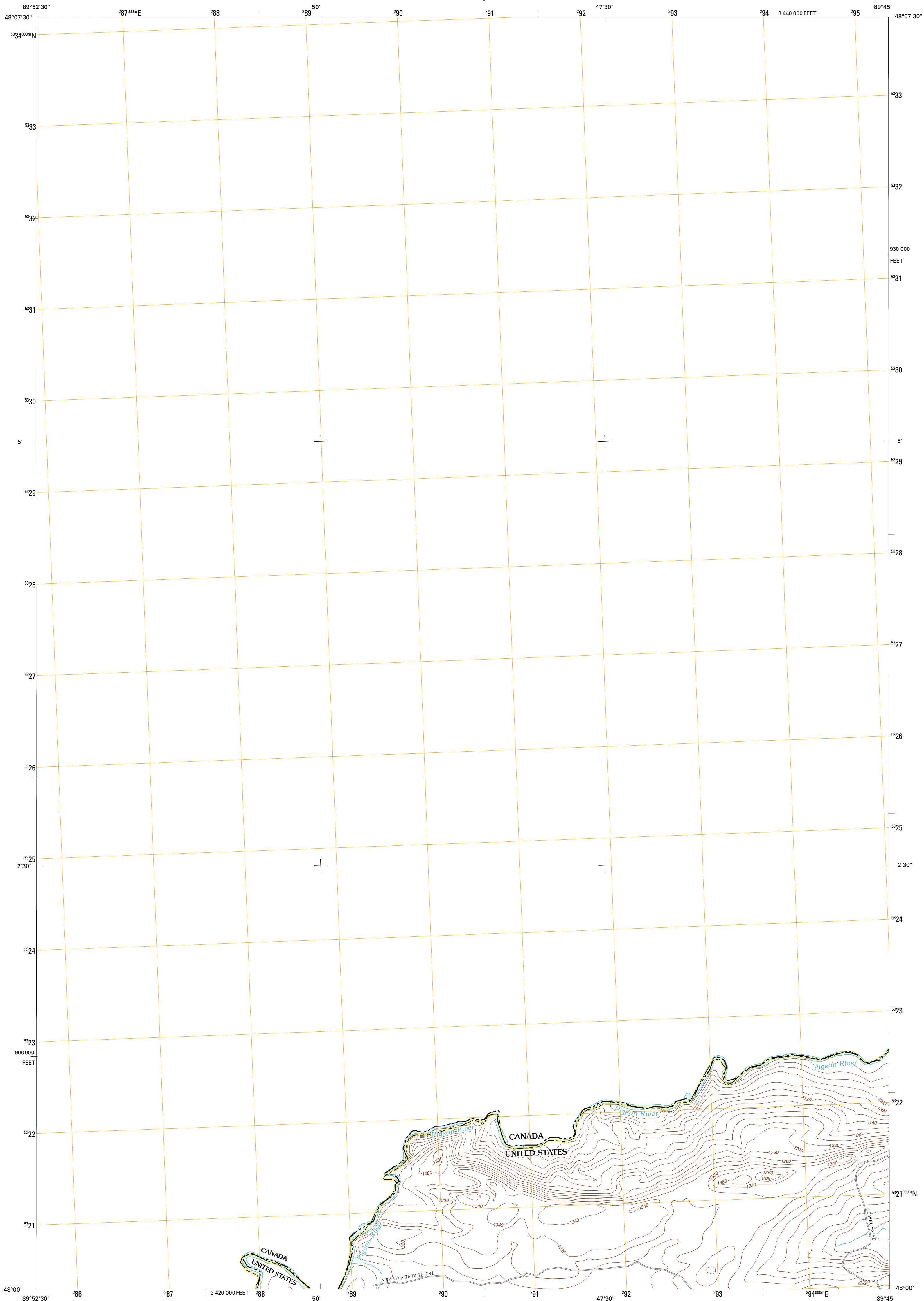




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY



THE CASCADES QUADRANGLE  
MINNESOTA-ONTARIO  
7.5-MINUTE SERIES

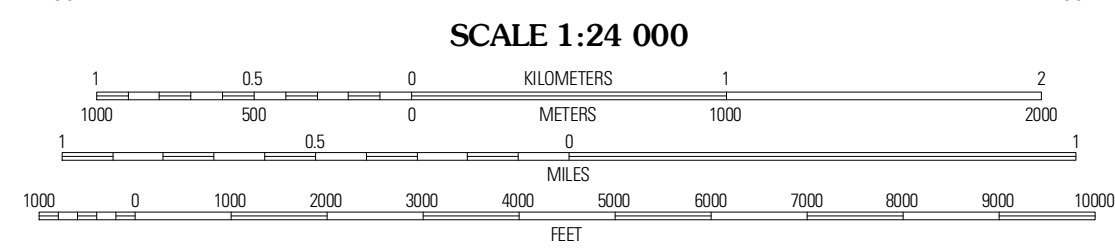


Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 16U  
10 000-foot ticks: Minnesota Coordinate System of 1983  
(north zone)

Imagery.....NAP, June 2010  
Roads.....©2006-2011 TomTom  
Names.....GNIS, 2011  
Hydrography.....National Hydrography Dataset, 2010  
Contours.....National Elevation Dataset, 1999  
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2010

UTM GRID AND 2011 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000m Square ID
BU
Grid Zone Designation
16U



CONTOUR INTERVAL 20 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988

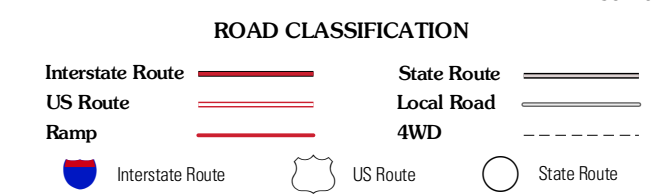
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard, 2011.  
A metadata file associated with this product is draft version 0.6.1



QUADRANGLE LOCATION

South Fowl Lake	The Cascades	Grand Portage OE-N
Fangfar Peak	Mineral Center	Grand Portage

ADJOINING 7.5' QUADRANGLES



THE CASCADES, MN-ON  
2011