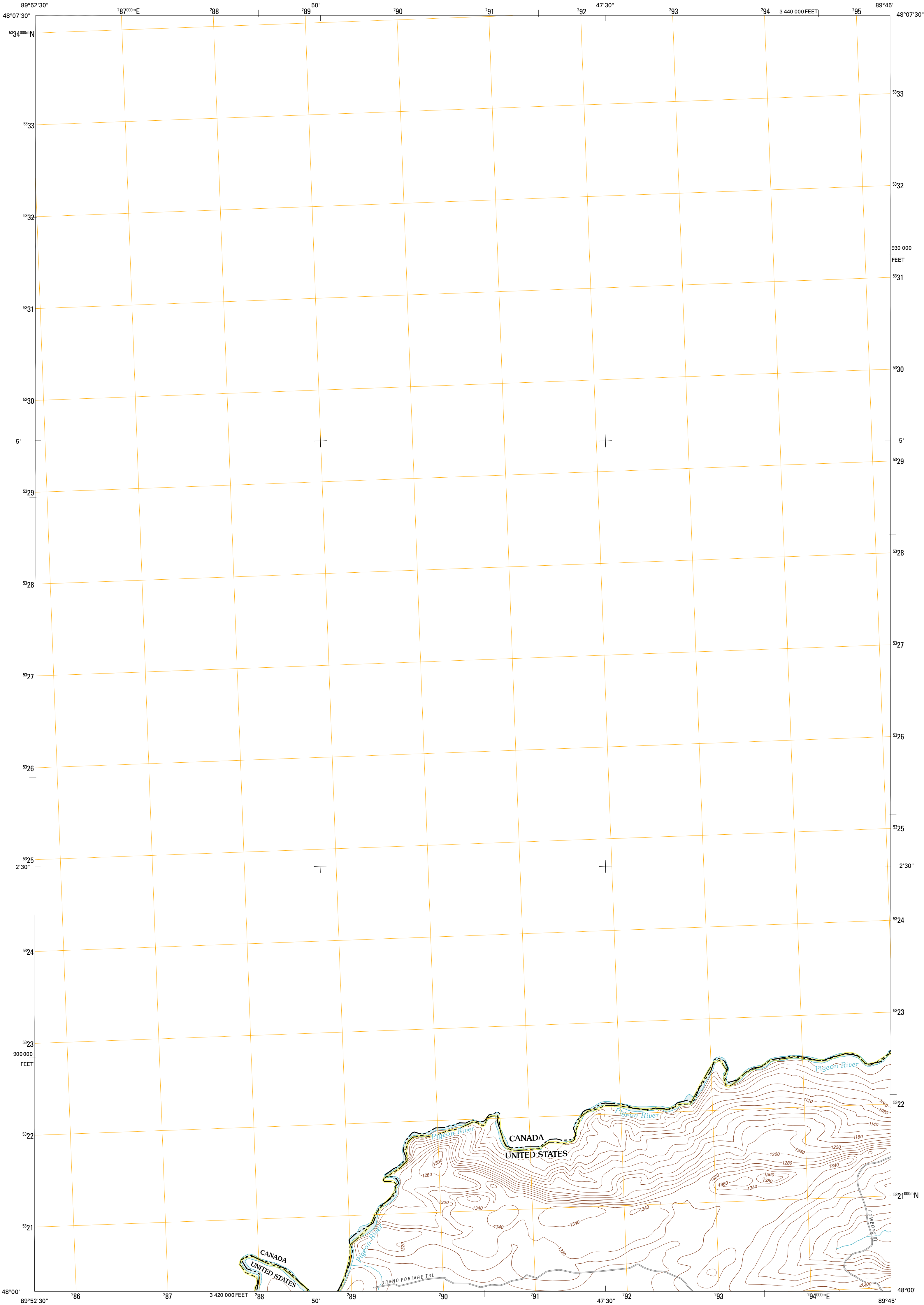




U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY



THE CASCADES QUADRANGLE
MINNESOTA-ONTARIO
7.5-MINUTE SERIES

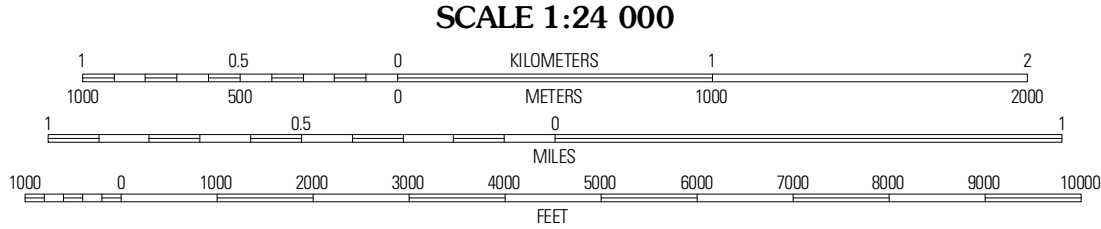


Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84): Projection and
1 000-meter grid; Universal Transverse Mercator, Zone 16U
10 000-foot ticks; Minnesota Coordinate System of 1983
(north zone)

Imagery.....NAIP, 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
100,000-m 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
Fangphar Peak	Mineral Center	Grand Portage

ADJOINING 7.5' QUADRANGLES

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

THE CASCADES, MN-ON
2011