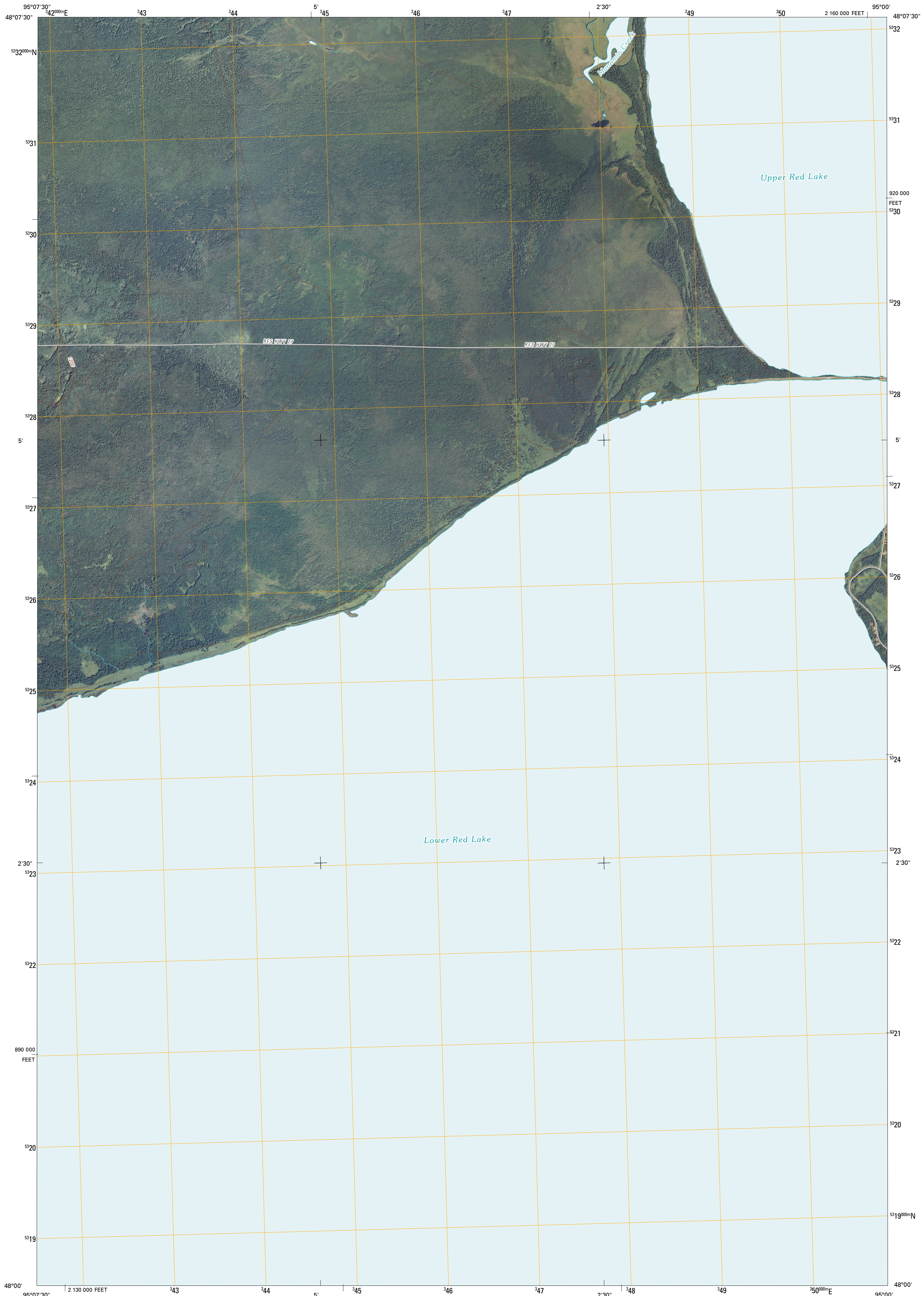




U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY



MANOMIN CREEK SE QUADRANGLE
MINNESOTA
7.5-MINUTE SERIES

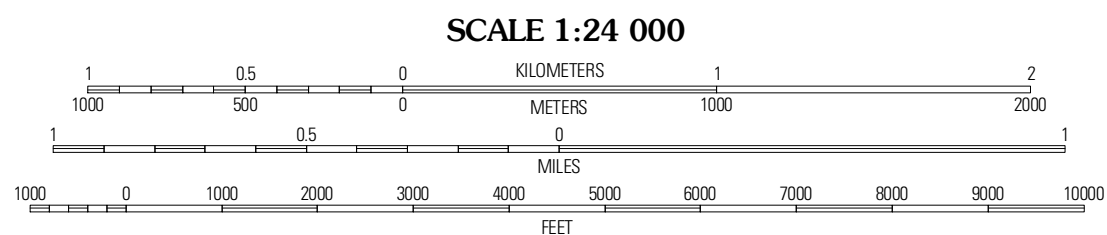


Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 15U
10 000-foot ticks: Minnesota Coordinate System of 1983
(north zone)

Imagery.....NAIP, August 2009
Roads.....©2006-2010 Tele Atlas
Names.....GNIS, 2008
Hydrography.....National Hydrography Dataset, 2009
Contours.....National Elevation Dataset, 1999

UTM GRID AND 2010 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

| |
|-----------------------|
| U.S. National Grid |
| 100,000-m Square ID |
| UP |
| Grid Zone Designation |
| 15U |



CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with version 0.5.10 of the
draft USGS Standards for 7.5-Minute Quadrangle Maps.
A metadata file associated with this product is draft version 0.5.11



QUADRANGLE LOCATION

| | | |
|------------------------|------------------------|---------------|
| Thorhult | Manomin Creek | Ponemah NW |
| Manomin Creek SE | Manomin Creek SE | Ponemah |
| Red Lake OE N | Red Lake OE N | Redby OE N |

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION

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

Interstate Route
 US Route
 State Route

MANOMIN CREEK SE, MN
2010