



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



MULLIGAN LAKE NW 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)
1000-meter grid: Universal Transverse Mercator, Zone 15U
10 000-foot ticks: Minnesota Coordinate System of 1983
(north zone)

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

UTM GRID AND 2011 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

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

SCALE 1:24 000

1 0.5 0 0.5 1 2
1000 500 0 1000 2000
KILOMETERS
1 0.5 0 0.5 1
1000 500 0 1000 2000
METERS
1 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
MILES
FEET

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		
Sold	Warroad SW	Warroad SE
Warroad NE	Mulligan Lake NW	Mulligan Lake NE
Skaneateles	Mulligan Lake SW	Mulligan Lake

ADJOINING 7.5 QUADRANGLES

ROAD CLASSIFICATION

Interstate Route
US Route
Ramp

State Route
Local Road
4WD

MULLIGAN LAKE NW, MN
2010