USGS science for a changing world

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

The National Map US Topo

LAKE INSULA QUADRANGLE
MINNESOTA-LAKE CO.
7.5-MINUTE SERIES

91°22'30" 6 22 000mE 23 24 20' 25 26 27 17'30" 28 3 070 000 FEET 29 30 91°15'
48°00' 880 000 FEET
53 17 000mN 16 15 14 57'30" 13 12 11 10 09 55' 08 07 06 840 000 FEET 05 04 47°52'30"

Magnet Lake
Alworth Lake
Vivid Lake
Disappointment Mtn
Bullrush Lake
Kobe Lake
Birdsey Lake
Moiyaka Lake
Thomas Lake
Disappointment Lake
Muzzle Lake
Lulu Lake
Medas Lake
Drumstick Lake
Kiana Lake
Sable Lake
Beam Lake
Coon Lake
Recline Lake
Jut Lake
Benezie Lake
Drumstick Cr
Fast Lake
Blinker Lake
Starlight Lake
Cache Lake
Lake Carol
Hood Lake
Museum Lake
Drag Lake
Lake Insula
Fire Lake
Brunch Lake
The Rock
Hudson Lake
Tremolo Lake
Almoo Creek
Zitkala Lake
Promise Lake
Tornado Lake
Almoo Cr
Briddle Lake

OLD PINES LOOP
SNOWBANK SPUR
MUZZLE - KOBE
KOBE - THOMAS
KEKEKABIC TRAIL
THOMAS LAKE WINTER TRAIL
DISAPPOINTMENT - MUZZLE
KIANA-INSULA
HUDSON-INSULA

SUPERIOR NATIONAL FOREST
Williamson Island

3 050 000 FEET

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 15T
10 000-foot ticks: Minnesota Coordinate System of 1983 (north zone)

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery.....NAIP, June 2013
Roads..... U.S. Census Bureau, 2015 - 2016
Roads within US Forest Service Lands.....FSTopo Data with limited Forest Service updates, 2012 - 2016
Names.....GNIS, 2016
Hydrography.....National Hydrography Dataset, 2013
Contours.....National Elevation Dataset, 2016
Boundaries.....Multiple sources; see metadata file 1972 - 2016
Public Land Survey System.....BLM, 2014
Wetlands.....FWS National Wetlands Inventory 1977 - 2014

MN 1° 47′ 32 MILS GN 1° 15′ 22 MILS
UTM GRID AND 2016 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
XP
Grid Zone Designation
15T

SCALE 1:24 000
1 0.5 0 KILOMETERS 1 2
1000 500 0 METERS 1000 2000
1 0.5 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET

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 0.6.19

MINNESOTA
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

ADJOINING QUADRANGLES
1 Ensign Lake West
2 Ensign Lake East
3 Kekekabic Lake
4 Snowbank Lake
5 Alice Lake
6 Quadga Lake
7 Isabella Lake
8 Perent Lake

ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Local Connector
Local Road
4WD
Interstate Route
US Route
State Route
FS Primary Route
FS Passenger Route
FS High Clearance Route

Check with local Forest Service unit for current travel conditions and restrictions.

LAKE INSULA, MN
2016

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