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

The National Map US Topo

LEADER QUADRANGLE
MINNESOTA-CASS CO.
7.5-MINUTE SERIES

94°45' 46°37'30" 367 000mE 68 69 42'30" 70 71 72 40' 73 74 2 530 000 FEET 94°37'30" 46°37'30"
920 000 FEET
5164 000mN 63 62 61 35' 60 59 58 57 56 32'30" 55 54 53
880 000 FEET
46°30' 366 2 500 000 FEET 67 68 42'30" 70 71 40' 73 74 375 000mE 94°37'30" 46°30'
5164 63 62 61 35' 60 59 58 57 56 32'30" 55 54 53 5151 000mN

52ND ST SW
56TH ST SW
60TH ST SW
64TH ST SW
68TH ST SW
72ND ST SW
80TH ST SW
TOWNSHIP RD
HULETT RD
MN-64
CO HWY-24
83RD AVENUE S W
86TH AVENUE S W
87 AVE SW
83RD AVE SW
82ND ST SW
75TH AVENUE S W
69TH AVE SW
66TH AVE SW

Poplar
Leader
Ellis
Poplar Cem

Farnham Cr
Martin Cr
Tower Cr
Swan Cr
Little Swan Cr
Hardwood Lake
Mud Lake

1400 1500 1300

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 (central zone)

Imagery.....NAIP, June 2010
Roads.....©2006-2012 TomTom
Names.....GNIS, 2013
Hydrography.....National Hydrography Dataset, 2010
Contours.....National Elevation Dataset, 1999
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2012

MN
GN
1° 32' 27 MILS
1° 13' 22 MILS
UTM GRID AND 2013 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
UM
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 10 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 0.6.11

MINNESOTA
QUADRANGLE LOCATION

Burgen Lake	Spider Lake	Bungo Creek
Oylen	Leader	Graff
Staples NE	Motley NW	Casino

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Local Connector
Local Road
4WD
Interstate Route
US Route
State Route

LEADER, MN
2013