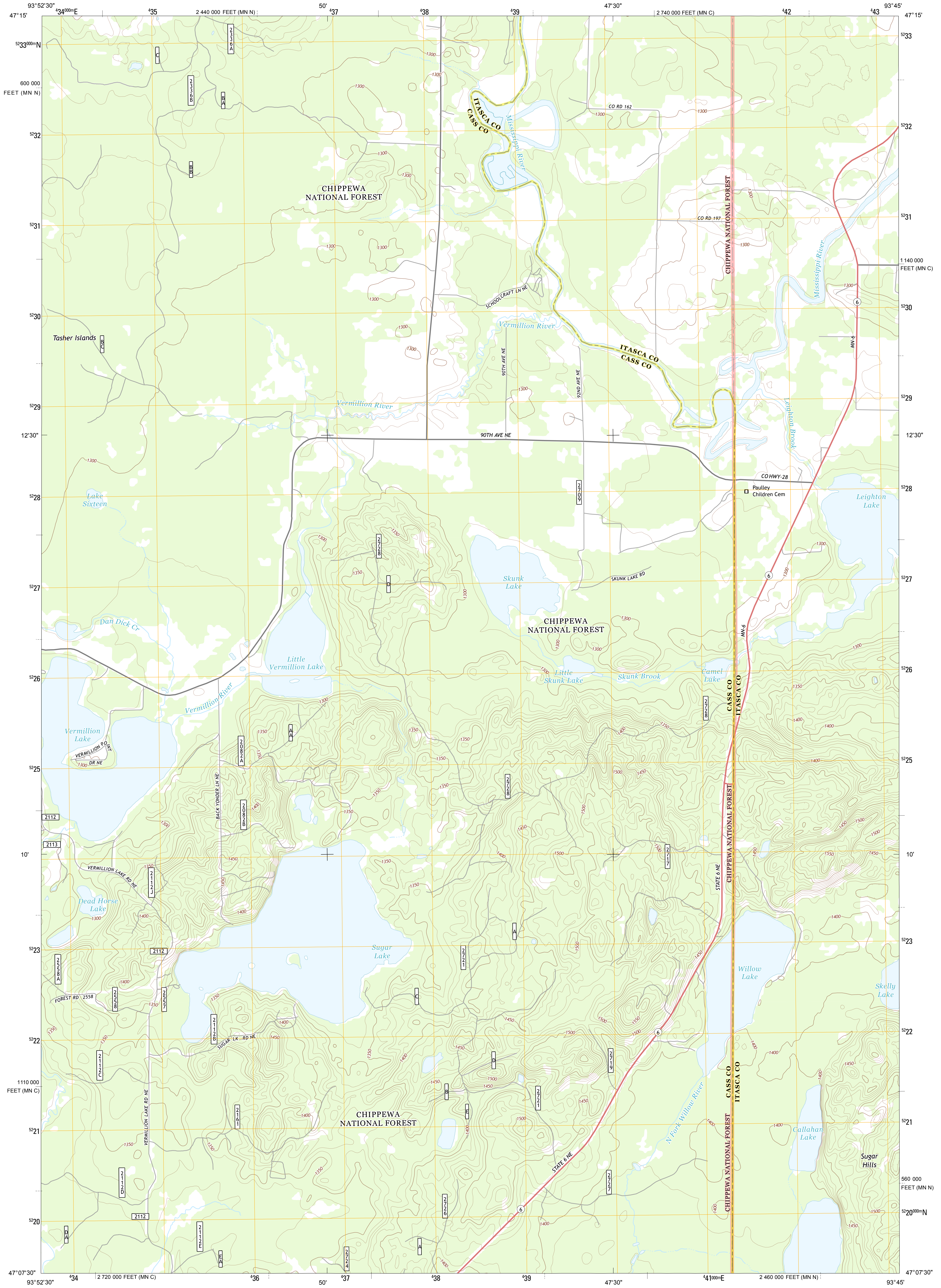
USGS
science for a changing world

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

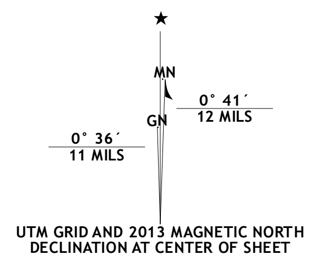
The National Map US Topo

SUGAR LAKE QUADRANGLE
MINNESOTA
7.5-MINUTE SERIES


93°52'30"
47°15'
434000mE
435
2 440 000 FEET (MN N)
50'
437
438
439
47'30"
2 740 000 FEET (MN C)
442
443
93°45'
47°15'
5233000mN
600 000
FEET (MN N)
5232
5231
5230
5229
12'30"
5228
5227
5226
5225
10'
5223
5222
1110 000
FEET (MN C)
5221
5220
1 140 000
FEET (MN C)
560 000
FEET (MN N)
5220000mN
47°07'30"
93°52'30"
434
2 720 000 FEET (MN C)
436
50'
437
438
439
47'30"
441000mE
2 460 000 FEET (MN N)
93°45'
47°07'30"
CHIPPEWA NATIONAL FOREST
ITASCA CO
CASS CO
Mississippi River
CO RD 162
CO RD 197
SCHOOLCRAFT LN NE
Vermillion River
Tasher Islands
90TH AVE NE
92ND AVE NE
CO HWY-28
Paulley Children Cem
Leighton Brook
Leighton Lake
MN-6
6
Lake Sixteen
Skunk Lake
SKUNK LAKE RD
Dan Dick Cr
Little Vermillion Lake
Little Skunk Lake
Skunk Brook
Camel Lake
Vermillion Lake
VERMILLION POINT DR NE
BACK YONDER LN NE
VERMILLION LAKE RD NE
Dead Horse Lake
Sugar Lake
FOREST RD 2558
SUGAR LK RD NE
STATE 6 NE
Willow Lake
Skelly Lake
N Fork Willow River
Callahan Lake
Sugar Hills
2336A
2336B
2112
2113
2112J
2112B
2112C
2112D
2112E
2082A
2082B
2161
2557
2558
2558A
2709
2717
2719
2721
2724
2726
2727
2728
1300
1350
1400
1450
1500
1550

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 and north zones)

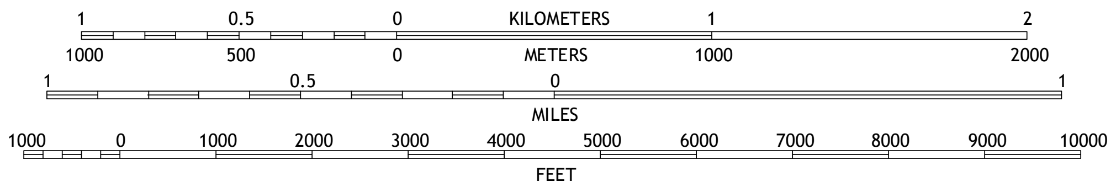
Imagery	NAIP, September 2010
Roads	©2006-2012 TomTom
Roads within US Forest Service Lands	FSTopo Data with limited Forest Service updates, 2013
Names	GNIS, 2013
Hydrography	National Hydrography Dataset, 2010
Contours	National Elevation Dataset, 2006
Boundaries	Census, IBWC, IBC, USGS, 1972 - 2012


★
MN
GN
0° 41´
12 MILS
0° 36´
11 MILS

UTM GRID AND 2013 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
VN
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
MILES
1
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

QUADRANGLE LOCATION

Ball Club	Deer River	Cohasset West
Goose Lake	Sugar Lake	Siseebakwet Lake
Remer	Shingle Mill Lake	Big Thunder Peak

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION

Expressway	▬	Local Connector	▬
Secondary Hwy	▬	Local Road	▬
Ramp	▬	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.

SUGAR LAKE, MN
2013