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

USGS science for a changing world

The National Map US Topo

BIG THUNDER PEAK QUADRANGLE
MINNESOTA
7.5-MINUTE SERIES

93°45' | 2 750 000 FEET (MN C) | 45000mE | 46 | 42'30" | 47 | 48 | 49 | 40' | 50 | 51 | 2 490 000 FEET (MN N) | 93°37'30"

47°07'30" N

Big Thunder Peak
Sugar Hills
Muskeg Lake
Morrison Brook
Smith Cr
Little Hill River
Little Hill River Wildlife Impoundment
Perry Lake
Holy Water Lake
Hills Lake
Bible Lake

SMITH CREEK TRL
HILL RD
SPANG RD
WALKER RD
690TH LN
380TH AVE

ITASCA CO
AITKIN CO

5'
2'30"
47°00'

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 and central zones)

Imagery.....NAIP, September 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 0° 36' 11 MILS
GN 0° 30' 9 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 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

Sugar Lake	Siseebakwet Lake	Grand Rapids
Shingle Mill Lake	Big Thunder Peak	Mountain Ash Lake
Shovel Lake	Swatara	Hill City

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION

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

BIG THUNDER PEAK, MN
2013