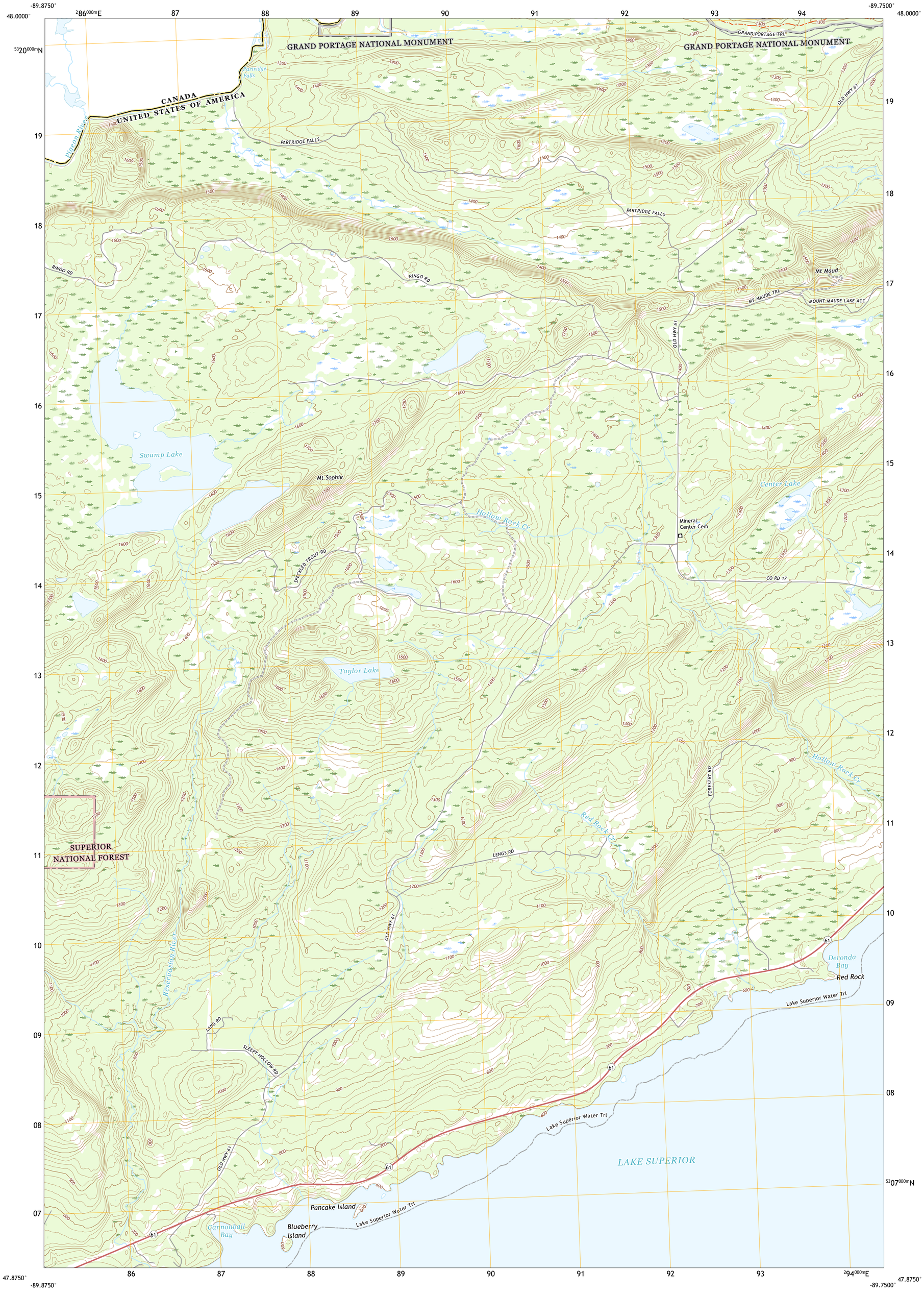
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map US Topo

MINERAL CENTER QUADRANGLE
MINNESOTA - COOK COUNTY
7.5-MINUTE SERIES



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 16T

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, August 2017 - November 2017
Roads....U.S. Census Bureau, 2016
Roads within US Forest Service Lands....FSTopo Data with limited Forest Service updates, 2016
Names....GNIS, 1980 - 2018
Hydrography....National Hydrography Dataset, 2003 - 2019
Contours....National Elevation Dataset, 2016
Boundaries....Multiple sources; see metadata file 2015 - 2021
Public Land Survey System....BLM, 2020
Wetlands....FWS National Wetlands Inventory 2011

MN
GN
3°8'
56 MILS
2°5'
37 MILS

UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
BU
Grid Zone Designation
16T
48°N
16T

SCALE 1:24 000

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

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.

MINNESOTA
QUADRANGLE LOCATION

1	2	3
4		5
6	7	

ADJOINING QUADRANGLES

1 South Fowl Lake
2 The Cascades
3 Grand Portage OE N
4 Farquhar Peak
5 Grand Portage
6 Hovland
7 Mineral Center OE S

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.

MINERAL CENTER, MN, ON
2022

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