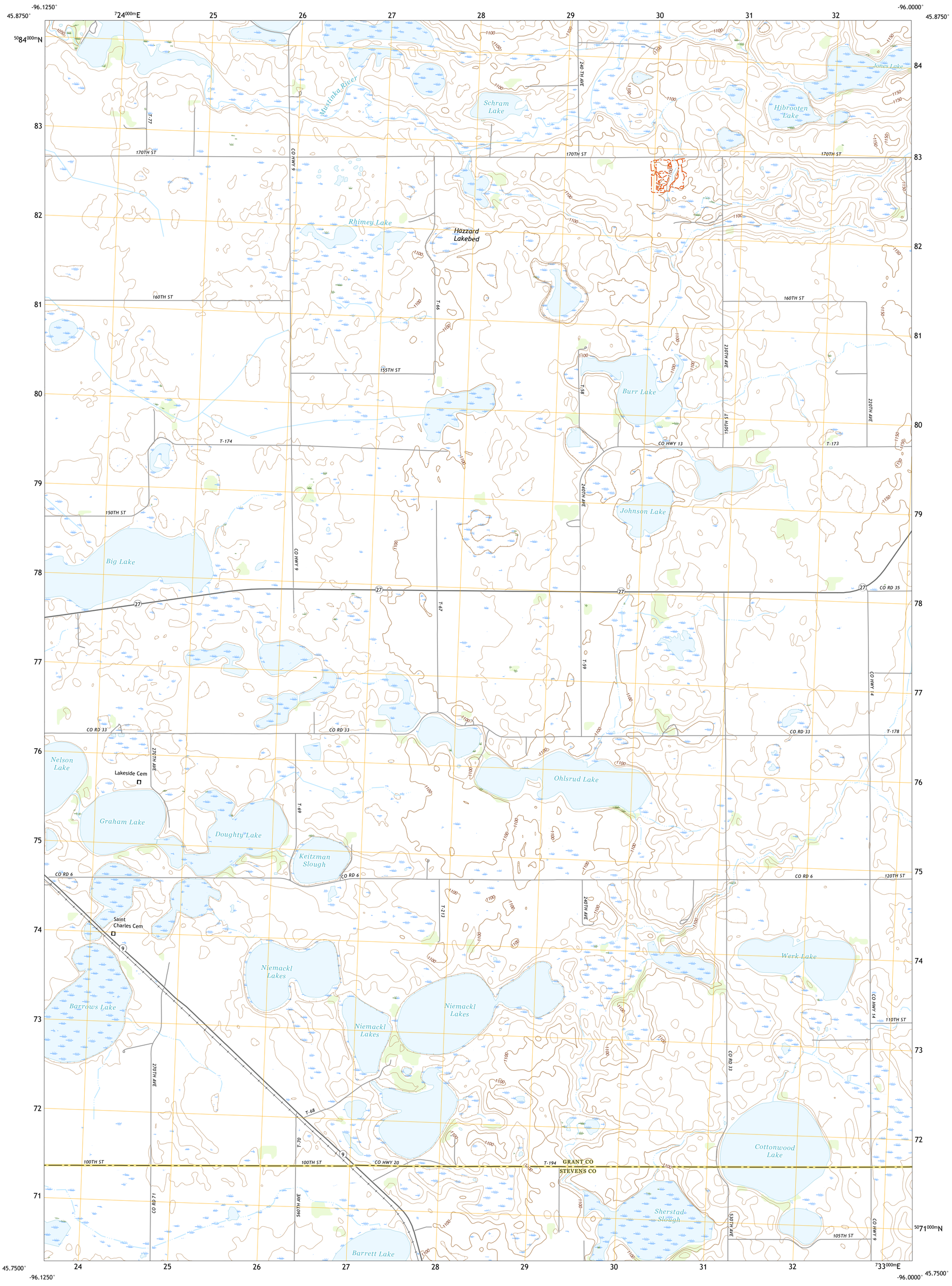
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map US Topo

# NIEMACKL LAKES QUADRANGLE
MINNESOTA
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 14T

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 |
| Names | GNIS, 1980 - | 1998 |
| Hydrography | National Hydrography Dataset, 2003 - | 2018 |
| Contours | National Elevation Dataset, | 2011 |
| Boundaries | Multiple sources; see metadata file 2016 - | 2021 |
| Public Land Survey System | BLM, | 2020 |
| Wetlands | FWS National Wetlands Inventory 1982 - | 1984 |

MN
GN
2°23'
42 MILS
2°6'
37 MILS
UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
QR | TL
96°W
Grid Zone Designation
14T | 15T
96°W

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 10 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 | 8 |

ADJOINING QUADRANGLES

1 Herman NW
2 Trisko Lake
3 Elbow Lake
4 Herman
5 Patchen Lake
6 Chokio NW
7 Donnelly
8 Wintermute Lake

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

NIEMACKL LAKES, MN
2022

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