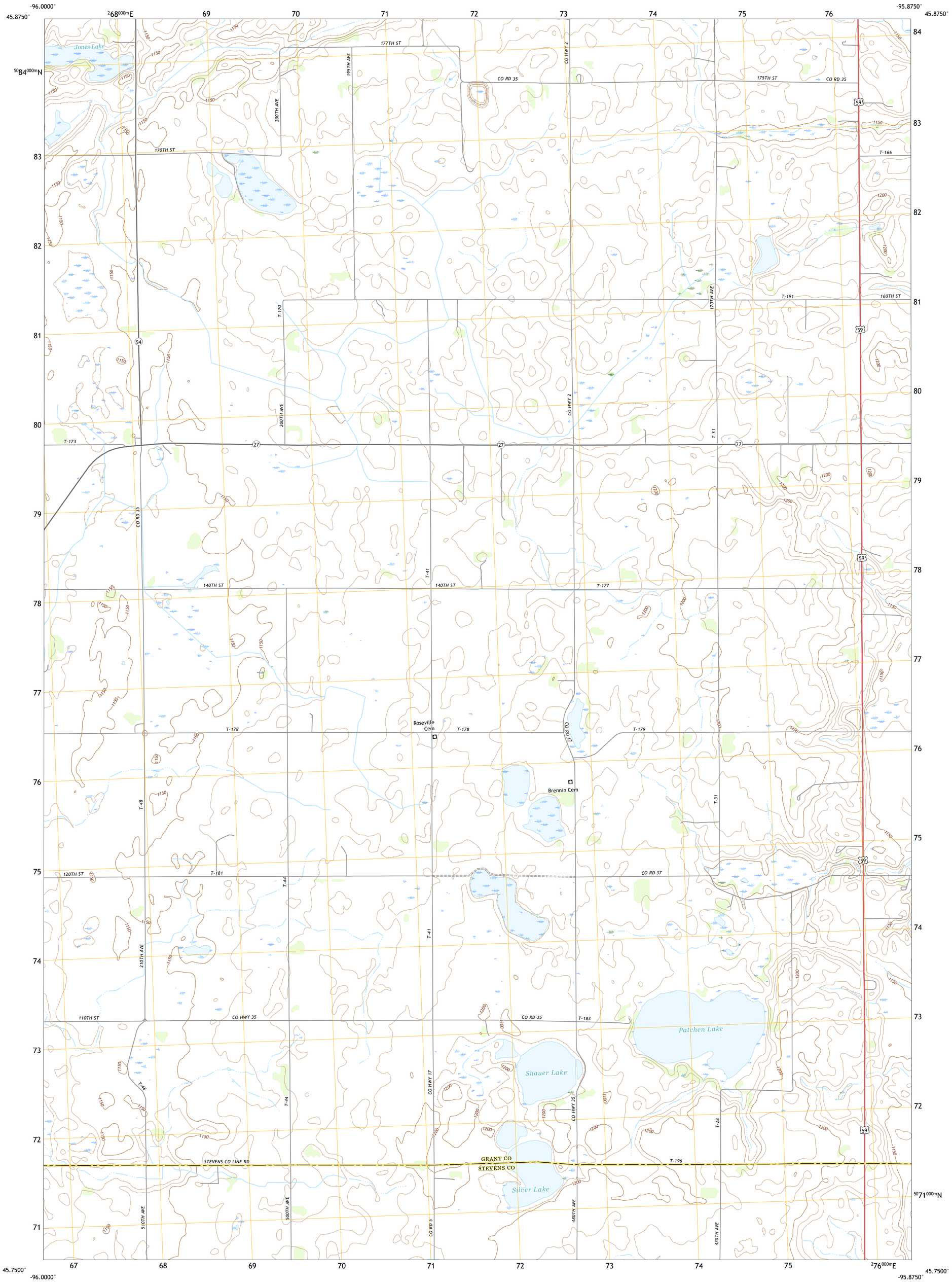
USGS science for a changing world

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

The National Map US Topo

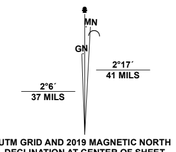
PATCHEN LAKE QUADRANGLE
MINNESOTA
7.5-MINUTE SERIES



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\15T

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
Hydrography	National Hydrography Dataset,	2002 - 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



UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
QR
00
TL
Grid Zone Designation
14T
15T
48°N

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.

QUADRANGLE LOCATION

ROAD CLASSIFICATION

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

1	2	3
4		5
6	7	8

ADJOINING QUADRANGLES

1 Trisko Lake
2 Elbow Lake
3 Erdahl
4 Niemackl Lakes
5 Hoffman
6 Donnelly
7 Wintermute Lake
8 Pomme De Terre Lakes

PATCHEN LAKE, MN
2022

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