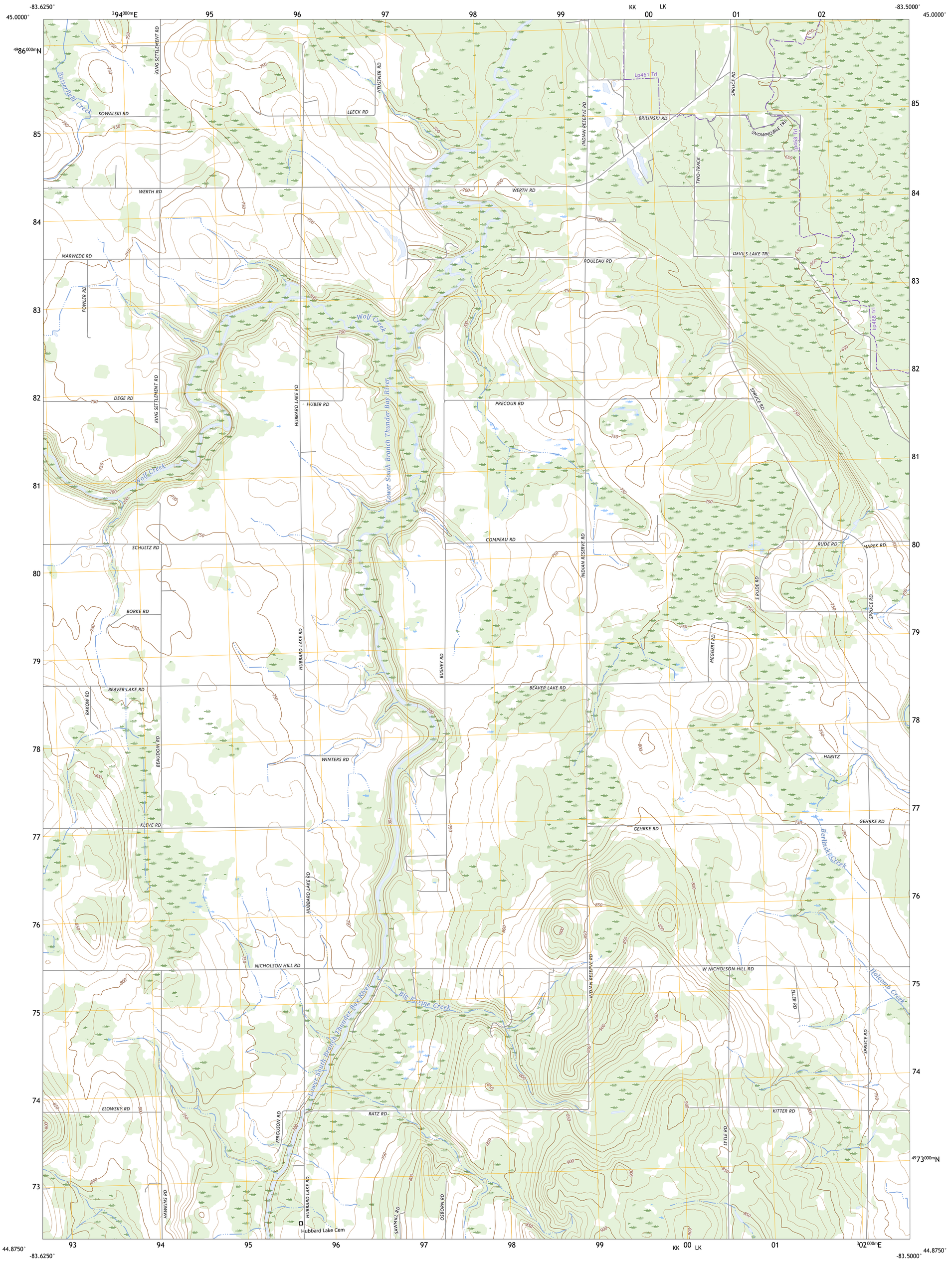
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map US Topo

BIG RAVINE CREEK QUADRANGLE
MICHIGAN - ALPENA 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 17T

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, September 2020 - September 2020
Roads	U.S. Census Bureau, 2016
Names	GNIS, Not Available
Hydrography	National Hydrography Dataset, 2003 - 2019
Contours	National Elevation Dataset, 1998
Boundaries	Multiple sources; see metadata file 2020 - 2022
Public Land Survey System	BLM, 2018
Wetlands	FWS National Wetlands Inventory Not Available

MN
GN
7°39'
136 MILS
1°49'
32 MILS
UTM GRID AND 2023 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
100
KK | LK
Grid Zone Designation
17T

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

1	2	3
4		5
6	7	8

1 Lachine
2 Lake Winyah
3 Alpena
4 Evans Creek
5 Ossineke
6 Hubbard Lake SW
7 Hubbard Lake
8 Spruce

ADJOINING QUADRANGLES

ROAD CLASSIFICATION

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

BIG RAVINE CREEK, MI
2023

NSN. 7643016370740
NGA REF NO. USGSX24K3805