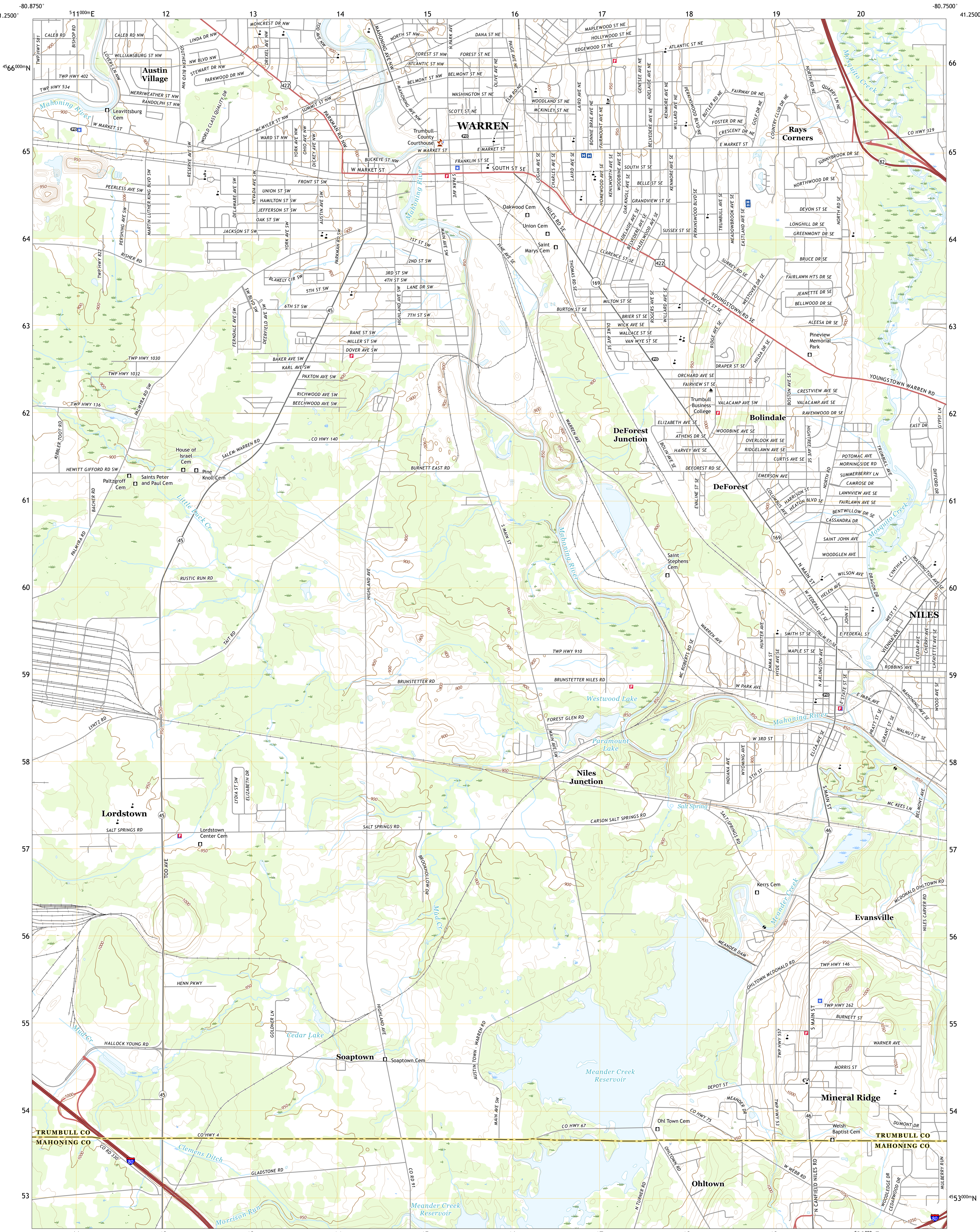
USGS science for a changing world

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

The National Map US Topo

WARREN QUADRANGLE
OHIO
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, June 2015 - October 2015
Roads....U.S. Census Bureau, 2016
Names....GNIS, 1979 - 2019
Hydrography....National Hydrography Dataset, 2004
Contours....National Elevation Dataset, 2010
Boundaries....Multiple sources; see metadata file 2017 - 2018
Wetlands....FWS National Wetlands Inventory 2004 - 2007

MN
GN
8°56´
159 MILS
0°7´
2 MILS
UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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

SCALE 1:24 000

1 0.5 0 1 2 KILOMETERS
1000 500 0 1000 2000 METERS
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 0.6.18

OHIO
QUADRANGLE LOCATION

ADJOINING QUADRANGLES
1 Southington
2 Champion
3 Cortland
4 Newton Falls
5 Girard
6 Lake Milton
7 Canfield
8 Youngstown

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

WARREN, OH
2019

NSN. 7643016388047
NGA REF NO. USGSX24K47506