

Map References

Maps containing

- Roads (Ontario Road Network, 2020) – provided and contains information licensed under the Open Government Licence, Ontario. www.ontario.ca/page/open-government-licence-ontario
- Municipal Boundaries (2019) – provided and contains information licensed under the Open Government Licence, Ontario. www.ontario.ca/page/open-government-licence-ontario
- Watercourses – Upper Thames River Conservation Authority (UTRCA) as defined using 2015 Southwestern Ontario Orthoimagery Project (SWOOP) digital aerial photography.
- Upper Thames River Watershed Boundaries – created by Upper Thames River Conservation Authority (2021) using 2017 Digital Terrain Model.
- Forest/Woodland and Meadow and Thicket – Upper Thames River Conservation Authority as defined using 2015 Southwestern Ontario Orthoimagery Project (SWOOP) aerial photography.
- Significant Natural Features – Information collected and summarized by Upper Thames River Conservation Authority (UTRCA) (2020).
- Surface Water Quality Monitoring Sites used for Report Cards
 - Provincial Water Quality Monitoring Sites (2020) – Provincial (Stream) Water Quality Monitoring Network (PWQMN), Ontario Ministry of Environment, Conservation, and Parks (MECP).
 - City of London Water Quality Monitoring Sites (2020) – Corporation of the City of London
 - UTRCA Water Quality Monitoring Sites (2020) – Upper Thames River Conservation Authority

Map 1 Thames Watershed

- Watercourse – contains information licensed under the Open Government Licence – Ontario. www.ontario.ca/page/open-government-licence-ontario

Map 2 The Upper Thames Watershed

- Conservation Authority (C.A.) Boundaries – UTRCA watershed boundary created by Upper Thames River Conservation Authority using 2017 Digital Terrain Model. Surrounding watersheds provided by and contains information licensed under the Open Government Licence – Ontario. www.ontario.ca/page/open-government-licence-ontario.

Map 3 Upper Thames River Main Watersheds

- Conservation Authority (C.A.) Boundaries – UTRCA river watershed boundaries created by Upper Thames River Conservation Authority using 2017 Digital Terrain Model. Surrounding watersheds provided by and contains information licensed under the Open Government Licence – Ontario. www.ontario.ca/page/open-government-licence-ontario.

Map 4 The 28 Watersheds in the Upper Thames River Watershed

- UTRCA watershed boundaries created by Upper Thames River Conservation Authority using 2017 Digital Terrain Model. Surrounding watersheds provided by and contains information licensed under the Open Government Licence – Ontario. www.ontario.ca/page/open-government-licence-ontario.

Map 5 Benthic Monitoring Sites used for Report Cards

- Benthic Monitoring Sites – Upper Thames River Conservation Authority 2016 to and including 2020.

Map 6 Surface Water Quality Monitoring Sites used for Report Cards

- Provincial Water Quality Monitoring Sites (2020) – Provincial (Stream) Water Quality Monitoring Network (PWQMN), Ontario Ministry of Environment, Conservation and Parks.
- City of London Water Quality Monitoring Sites – Corporation of the City of London
- UTRCA Water Quality Monitoring Sites – Upper Thames River Conservation Authority

Map 7 Surface Water Quality Grades

- Watershed Surface Water Quality Grades – Grades defined by Upper Thames River Conservation Authority as per Conservation Ontario: Guide to Developing 2023 Conservation Authority Watershed Report Cards (2022).

Map 8 Forest Condition Grades by Watershed

- Watershed Forest Condition Grades – Grades defined by Upper Thames River Conservation Authority as per Conservation Ontario: Guide to Developing 2023 Conservation Authority Watershed Report Cards (2022).
- Woodland/Forest – Upper Thames River Conservation Authority (UTRCA) as defined using 2015 Southwestern Ontario Orthoimagery Project (SWOOP) digital aerial photography.

Map 9 Groundwater Information

- Municipal Wells, Wellhead Protection Areas, Highly Vulnerable Aquifers, and Significant Groundwater Recharge Areas – According to: Assessment Reports and Source Protection Plan (SPP), Upper Thames River. SPP approved September 16, 2015.

Map 10 Groundwater Monitoring Network Sites

- Groundwater monitoring sites (2020) – Provincial Groundwater Monitoring Network (PGMN) Program: Groundwater Level Data, Groundwater Chemistry Data, and Precipitation Data (Ministry of Environment, Conservation and Parks).

Map 11 Estimated Populations by Watershed, 2020 Census

- Estimated Population in Watershed – Statistics Canada, 2021. Census Profile. 2021 Census of Population. Released February 9, 2022.

Map 12 Number of Reported Spills per Watershed, 2016 – 2020

- Spills Data – Acquired from Spills Action Centre (Ministry of the Environment, Conservation and Parks), Freedom Of Information Request, May 2022.

Map 13 Clean Water Program Projects 2016-2020

- Clean Water Program Projects Completed – information collected and summarized by Upper Thames River Conservation Authority, 2020.

Map 14 Trees Planted Through UTRCA Programs 2016-2020

- Trees Planted in Watershed – information collected and summarized by Upper Thames River Conservation Authority, 2020.