



Land Information Ontario

NHIC Web Map Service

Version 1.0
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Table of Contents

Introduction	3
Disclaimer	3
Additional Information	3
Related Documentation	3
Overview	4
Layers and Attributes	5

Introduction

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Additional Information

For more information about this document, please contact Land Information Ontario at (705) 755-1878 or lio@ontario.ca.

Related Documentation

[Web Map Service Technical Overview](#)

LIO WMS follows the [OGC WMS specification](#) for versions *1.0, 1.1, 1.1.1*.

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Overview

This document provides technical information about the NHIC (Natural Heritage Information Centre) Web Map Service (WMS). URL's for the WMS functionality are provided as well as the layers and available attributes.

WMS URL

<http://www.lio.ontario.ca/wmsconnector/com.esri.wsit.WMSServlet/nhic>

ACTION NAME	ACTION DESCRIPTION	URL
GetCapabilities	What the WMS and what feature types, as discrete layers it offers	http://www.lio.ontario.ca/wmsconnector/com.esri.wsit.WMSServlet/nhic?VERSION=1.1.1&SERVICE=WMS&REQUEST=GetCapabilities
GetMap	Produce a map image	http://www.lio.ontario.ca/wmsconnector/com.esri.wsit.WMSServlet/nhic?VERSION=1.1.1&REQUEST=GetMap&LAYERS=XXX,XXX,XXX&styles=&SRS=EPSG:4326&BBOX=-95.0,41.0,74.0,56.0&WIDTH=600&HEIGHT=400&FORMAT=XXX
GetFeatureinfo	Return attribute information as per layer definition	http://www.lio.ontario.ca/wmsconnector/com.esri.wsit.WMSServlet/nhic?VERSION=1.1.1&REQUEST=GetFeatureInfo&query_layers=XXXX&LAYERS=XXXX&STYLES=&SRS=EPSG:4326&BBOX=-95.0,41.0,74.0,56.0&WIDTH=600&HEIGHT=400&info_format=text/xml&x=X&y=Y

Layers and Attributes

Layer	Largest Display Scale	Smallest Display Scale	Metadata Record	Available Attributes	SNIF Report	Comments
NHIC_WSHEDQUA	N/A	N/A	Watershed, Quaternary	OBJECT QUATERNARY NHIC_MF_ID	Watershed, Quaternary	
NHIC_WSHEDTER	N/A	N/A	Watershed, Tertiary	OBJECT TERTIARY NHIC_MF_ID	Watershed, Tertiary	
NHIC_MUNICIPAL_UPPER	N/A	N/A	Municipal Boundary – Upper Tier and District	NHIC_MF_ID DATA_SENSI GUT OFFICIAL_N	Municipal Boundary – Upper Tier and District	
NHIC_1KM_VW	1:250000	N/A	N/A	NHIC_1KM_NAD83_IDENT CT_MAP_FEATURE_ID PC_DISPLAY_RANK SP_DISPLAY_RANK WCA_DISPLAY_RANK FMF_OBJECT_ID		Spatial View
NHIC_10KM_VW	1:2000000	N/A	N/A	NHIC_10KM_NAD83_IDENT CT_MAP_FEATURE_ID PC_DISPLAY_RANK SP_DISPLAY_RANK WCA_DISPLAY_RANK FMF_OBJECT_ID		Spatial View