



Land Information Ontario

CLUPA Web Map Service

Version 1.0
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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 CLUPA 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/wms_clupa

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/wms_clupa?VERSION=1.1.1&SERVICE=WMS&REQUEST=GetCapabilities
GetMap	Produce a map image	http://www.lio.ontario.ca/wmsconnector/com.esri.wsit.WMSServlet/wms_clupa?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/wms_clupa?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	Attributes Available	SNIF Report	Comments
0	N/A	N/A	N/A	N/A	N/A	
1	N/A	N/A	N/A	N/A	N/A	
2	N/A	N/A	N/A	N/A	N/A	
3	N/A	N/A	N/A	N/A	N/A	
A_5_million	N/A	N/A	N/A	N/A	N/A	
B_3_million	N/A	N/A	N/A	N/A	N/A	
C_2_million	N/A	N/A	N/A	N/A	N/A	
CLUPA_MOD	N/A	N/A	CLUPA Modifying Land Use Area	DESIGNATION_ENG POLICY_IDENT FMF_OBJECT_ID	CLUPA Modifying Land Use Area	
CLUPA_MOD_1M	N/A	N/A	CLUPA Modifying Land Use Area	DESIGNATION_ENG POLICY_IDENT FMF_OBJECT_ID	CLUPA Modifying Land Use Area	
CLUPA_MOD_250	N/A	N/A	CLUPA Modifying Land Use Area	DESIGNATION_ENG POLICY_IDENT FMF_OBJECT_ID	CLUPA Modifying Land Use Area	
CLUPA_MOD_500	N/A	N/A	CLUPA Modifying Land Use Area	DESIGNATION_ENG POLICY_IDENT FMF_OBJECT_ID	CLUPA Modifying Land Use Area	

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Layer	Largest Display Scale	Smallest Display Scale	Metadata Record	Attributes Available	SNIF Report	Comments
CLUPA_PRI	N/A	N/A	CLUPA Primary Modifying Land Use Area	POLICY_IDENT POLICY_OBJECT_ID DESIGNATION_ENG OFFICIAL_NAME_ENG CATEGORY_ENG	CLUPA Primary Land Use Area	
CLUPA_PRI_100	N/A	N/A	CLUPA Primary Modifying Land Use Area	POLICY_IDENT POLICY_OBJECT_ID DESIGNATION_ENG OFFICIAL_NAME_ENG CATEGORY_ENG	CLUPA Primary Land Use Area	
CLUPA_PRI_1M	N/A	N/A	CLUPA Primary Modifying Land Use Area	POLICY_IDENT POLICY_OBJECT_ID DESIGNATION_ENG OFFICIAL_NAME_ENG CATEGORY_ENG	CLUPA Primary Land Use Area	
CLUPA_PRI_250	N/A	N/A	CLUPA Primary Modifying Land Use Area	POLICY_IDENT POLICY_OBJECT_ID DESIGNATION_ENG OFFICIAL_NAME_ENG CATEGORY_ENG	CLUPA Primary Land Use Area	
CLUPA_PRI_500	N/A	N/A	CLUPA Primary Modifying Land Use Area	POLICY_IDENT POLICY_OBJECT_ID DESIGNATION_ENG OFFICIAL_NAME_ENG CATEGORY_ENG	CLUPA Primary Land Use Area	
D_1_million	N/A	N/A	N/A	N/A	N/A	
E_500000	N/A	N/A	N/A	N/A	N/A	
ECODIST	N/A	N/A	EcoDistrict	ECODIST	EcoDistrict	
F_100000	N/A	N/A	N/A	N/A	N/A	
G_50000	N/A	N/A	N/A	N/A	N/A	

Layer	Largest Display Scale	Smallest Display Scale	Metadata Record	Attributes Available	SNIF Report	Comments
MUN_BDRY_100	N/A	N/A	Municipal Boundaries 1996	FMF_OBJECT LABEL mun_bdry_master100.name	N/A	
MUN_BDRY_1M	N/A	N/A	Municipal Boundaries 1996	mun_bdry_master1mil.name FMF_OBJECT LABEL	N/A	
MUN_BDRY_250	N/A	N/A	Municipal Boundaries 1996	FMF_OBJECT LABEL mun_bdry_master250.name	N/A	
MUN_BDRY_500	N/A	N/A	Municipal Boundaries 1996	FMF_OBJECT LABEL mun_bdry_master500.name	N/A	
MUN_BDRY_LOWER_100	N/A	N/A	Municipal Boundaries 1996	FMF_OBJECT LABEL mun_bdry_lower_master100.name	N/A	
MUN_BDRY_LOWER_1M	N/A	N/A	Municipal Boundaries 1996	MF_OBJECT LABEL mun_bdry_lower_master1mil.name	N/A	
MUN_BDRY_LOWER_250	N/A	N/A	Municipal Boundaries 1996	FMF_OBJECT LABEL mun_bdry_lower_master250.name	N/A	
MUN_BDRY_LOWER_500	N/A	N/A	Municipal Boundaries 1996	FMF_OBJECT LABEL mun_bdry_lower_master500.NAME	N/A	
MUNIC_BND_UPPER_1MIL	N/A	N/A	Municipal Boundary – Upper Tier and District	FMF_OBJECT_ID LABEL_ITEM OFFICIAL_NAME	Municipal Boundary- Upper Tier and District	

Layer	Largest Display Scale	Smallest Display Scale	Metadata Record	Attributes Available	SNIF Report	Comments
MUNIC_BND_UPPER_500K	N/A	N/A	Municipal Boundary – Upper Tier and District	FMF_OBJECT_ID LABEL_ITEM OFFICIAL_NAME	Municipal Boundary- Upper Tier and District	
MUNIC_BND_UPPER_250K	N/A	N/A	Municipal Boundary – Upper Tier and District	FMF_OBJECT_ID LABEL_ITEM OFFICIAL_NAME	Municipal Boundary- Upper Tier and District	
MUNIC_BND_UPPER_100K	N/A	N/A	Municipal Boundary – Upper Tier and District	FMF_OBJECT_ID LABEL_ITEM OFFICIAL_NAME	Municipal Boundary- Upper Tier and District	
MUNIC_BND_LOWER_1MIL	N/A	N/A	Municipal Boundary – Lower and Single Tier	FMF_OBJECT_ID LABEL_ITEM OFFICIAL_NAME	Municipal Boundary- Lower and Single Tier	
MUNIC_BND_LOWER_500K	N/A	N/A	Municipal Boundary – Lower and Single Tier	FMF_OBJECT_ID LABEL_ITEM OFFICIAL_NAME	Municipal Boundary- Lower and Single Tier	
MUNIC_BND_LOWER_250K	N/A	N/A	Municipal Boundary – Lower and Single Tier	FMF_OBJECT_ID LABEL_ITEM OFFICIAL_NAME	Municipal Boundary- Lower and Single Tier	
MUNIC_BND_LOWER_100K	N/A	N/A	Municipal Boundary – Lower and Single Tier	FMF_OBJECT_ID LABEL_ITEM OFFICIAL_NAME	Municipal Boundary- Lower and Single Tier	