



Land Information Ontario

Habitat 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 Habitat 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_habitat

ACTION NAME	ACTION DESCRIPTION	URL
GetCapabilities	What the WMS can do and what feature types, as discrete layers it offers	http://www.lio.ontario.ca/wmsconnector/com.esri.wsit.WMSServlet/wms_habitat?VERSION=1.1.1&SERVICE=WMS&REQUEST=GetCapabilities
GetMap	Produce a map image	http://www.lio.ontario.ca/wmsconnector/com.esri.wsit.WMSServlet/wms_habitat?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_habitat?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
AQUATIC_FEEDING_AREA	1:800000	N/A	Aquatic Feeding Area	FMF_OBJECT_ID LABEL_ITEM GEOG_UNIT_TYPE_NUM	Aquatic Feeding Area	
BREEDING_AREA	N/A	N/A	Breeding Area	FMF_OBJECT_ID LABEL_ITEM GEOG_UNIT_TYPE_NUM	Breeding Area	
CALVING_FAWNING_SITE	N/A	N/A	Calving Fawning Site	FMF_OBJECT_ID GEOG_UNIT_TYPE_NUM LABEL_ITEM	Calving Fawning Site	
DEN_SITE	N/A	N/A	Den Site	FMF_OBJECT_ID LABEL_ITEM	Den Site	
NESTING_SITE	N/A	N/A	Nesting Site	FMF_OBJECT_ID LABEL_ITEM	Nesting Site	
NURSERY_AREA_WILDLIFE	N/A	N/A	Nursery Area, Wildlife	FMF_OBJECT_ID LABEL_ITEM GEOG_UNIT_TYPE_NUM	Nursery Area, Wildlife	
SPAWNING_AREA	N/A	N/A	Spawning Area	FMF_OBJECT_ID LABEL_ITEM	Spawning Area	
STAGING_AREA_WILDLIFE	N/A	N/A	Staging Area, Wildlife	FMF_OBJECT_ID LABEL_ITEM	Staging Area, Wildlife	
WINTERING_AREA	N/A	N/A	Wintering Area	FMF_OBJECT_ID GEOG_UNIT_TYPE_NUM GEOG_UNIT_TYPE_NAME	Wintering Area	GEOG_UNIT_TYPE_NAME is the name associated with the number in the GEOG_UNIT_TYPE_NUM field

Layer	Largest Display Scale	Smallest Display Scale	Metadata Record	Attributes Available	SNIF Report	Comments
HABITAT_PLANNING_RANGE	N/A	N/A	Habitat Planning Range	FMF_OBJECT_ID GEOG_UNIT_TYPE_NUM LABEL_ITEM	Habitat Planning Range	
CROWN_GAME_PRESERVE	N/A	N/A	Crown Game Preserves	FMF_OBJECT_ID OFFICIAL_NAME	Crown Game Preserves	
CONSERVATION_RESERVE	N/A	N/A	Conservation Reserves	PROTECTED_AREA_NAME_ENG FMF_OBJECT_ID PROTECTED_SITE_IDENT RESERVE_NAME REGULATED_AREA	Conservation Reserve Regulated	
WILDERNESS_AREA	N/A	N/A	Wilderness Area	FMF_OBJECT_ID PROTECTED_SITE_IDENT PROTECTED_AREA_NAME_ENG STATUS_ENG REGULATION_DATE	Wilderness Area	