

Land Information Ontario Data Description

Provincially Tracked Species 1KM

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LIO Class Description

Provincially Tracked Species 1KM Grid

Class Short Name: PROVTRKG

Version Number: 1

Class Description:

This 1km x 1km grid is referenced by the Natural Heritage Information Centre to provide supplemental information and links about provincially tracked species, wildlife concentration areas, natural areas and plant communities. Only 1 km grid squares having associated species occurrence data records covering that geographic area will be featured in this layer. The scope of data class sources used to derive this information includes: 1) Species Occurrence, Provincially Tracked (SPEOCCPT) 2) Wildlife Concentration Area, Provincially Tracked (WCAOCCPT) 3) Plant Community Occurrence, Provincially Tracked (PCOCCPT) Note: The spatial data for this layer is derived from the UTM 1KM Grid (UTM1KM) spatial data class. A 1km x 1km Universal Transverse Mercator (UTM) grid that is a standard reference index for Ontario. This data class will primarily support the NHIC Biodiversity Explorer II application.

Abstract Class Name: NONSPATIAL

Abstract Class Description:

A tabular-only recordset that can exist independently, but MAY be associated to a spatial feature. Example: "Observation Collection Project, Caribou", where metadata about a project can be associated to mapped Caribou observations.

Metadata URL:

Tables in LIO Class:

Provincially Tracked Species 1KM Grid

PROV_TRK_SPECIES_1KM_GRID_FT

This 1km x 1km grid is referenced by the Natural Heritage Information Centre to provide supplemental information and links about provincially tracked species, wildlife concentration areas, natural areas and plant communities. Only 1 km grid squares having associated species occurrence data records covering that geographic area will be featured in this layer. The scope of data class sources used to derive this information includes: 1) Species Occurrence, Provincially Tracked (SPEOCCPT) 2) Wildlife Concentration Area, Provincially Tracked (WCAOCCPT) 3) Plant Community Occurrence, Provincially Tracked (PCOCCPT) Note: The spatial data for this layer is derived from the UTM 1KM Grid (UTM1KM) spatial data class. A 1km x 1km Universal Transverse Mercator (UTM) grid that is a standard reference index for Ontario.

Column Name	Column Type	Mandatory	Short Name	Valid Values
OGF_ID	NUMBER(13,0)	Yes	OGF_ID	
System generated identifier, unique at the application level.				
UTM_ZONE	NUMBER(2,0)	Yes	UTM_ZONE	
A geographic reference zone within the province. The Earth is divided into 60 UTM zones running west to east from the Central Median in 6 degree longitudinal strips extending from 80 degrees South latitude to 84 degrees North latitude. In Ontario the 4 zones are 15, 16, 17 and 18.				
EASTING_LOWER_LEFT_CORNER	NUMBER(6,0)	Yes	EASTING	
The UTM NAD83 X-coordinate or Easting in the lower left corner of a full grid square.				
NORTHING_LOWER_LEFT_CORNER	NUMBER(7,0)	Yes	NORTHING	
The UTM NAD83 Y-coordinate or Northing in the lower left corner of a full grid square.				
MGRS_NAD83_IDENT	VARCHAR2(9)	Yes	MGRS_83	
A unique identifier that identifies a specific Military Grid Reference System (MGRS) grid cell. (e.g. 17TPM7017). See http://maps.nrcan.gc.ca/topo101/mil_ref_e.php for additional information.				
ATLAS_NAD83_IDENT	VARCHAR2(8)	Yes	ATLAS_83	
A unique identifier that identifies a specific grid cell. (e.g. 17PM7017) Although similar to the Military Grid Reference System the Atlas Identifier does not include the Grid Zone Designation (e.g. T) typical of the Military Grid Reference System and is considered a derivative. See http://maps.nrcan.gc.ca/topo101/mil_ref_e.php for additional information.				
PROVINCIAL_IND	VARCHAR2(3)	Yes	PROV_IND	

Indication of a grid cell contained in whole or in part within the jurisdictional boundary of the province of Ontario.

GEOMETRY_UPDATE_DATETIME	DATE	No	GEO_UPT_DT
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Date/time the geometry was created or last modified in the source database.

EFFECTIVE_DATETIME	DATE	No	EFF_DATE
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Date/time the record was created or last modified in the source database.

SHAPE	SDO_GEOMETRY	No	SHAPE
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Geometry attribute.

PROV TRK SPECIES GRID DETAIL

Non-spatial table providing publicly available details for individual provincially tracked feature records within a referenced UTM 1KM Grid. This table supports the spatial Provincially Tracked Species Data 1KM Grid data class.

Column Name	Column Type	Mandatory	Short Name	Valid Values
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PROV_TRK_SPECIES_1KM_GRID_ID	NUMBER (13,0)	Yes	GRID_ID	
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System generated identifier, unique at the application level.

NHIC_EO_ID	NUMBER (13,0)	Yes	NHIC_EO_ID	
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The referenced Element Occurrence ID assigned to a feature by the Natural Heritage Information Centre (NHIC). NHIC_EO_ID values originate from the following data class sources: EO_ID from...
 1) Species Occurrence, Provincially Tracked (SPEOCCPT) 2) Wildlife Concentration Area, Provincially Tracked (WCAOCCPT) 3) Plant Community Occurrence, Provincially Tracked (PCOCCPT) NHIC database field: NHIC_ID

ELEMENT_TYPE	VARCHAR2 (100)	No	ELEMENT_T	
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Natural Heritage Information Centre (NHIC) and Department of Fisheries and Oceans (DFO) Species Habitat Types. Note: A value of "Restricted Species" represents Species and Wildlife Concentration Areas with publicly restricted access to taxonomic and locational information. NHIC database field: VALUE_TYPE

SCIENTIFIC_NAME	VARCHAR2 (254)	No	SCI_NAME	
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The scientific name is the binomial name that the Ontario Government applies to the Element, typically following standard classification systems or taxonomic sources where available. Note: This column's value will come from the SPECIES_MASTER_LIST lookup table for the relevant species. NHIC database field: SCI_NAME

COMMON_NAME	VARCHAR2 No (254)	COM_NAME
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The primary common name used for the Element (Species, Plant Community, or Wildlife Concentration Area) or Natural Area in Ontario. Note: This column's value will come from the SPECIES_MASTER_LIST lookup table for the relevant species. NHIC database field: COMMNAME

SUBNATIONAL_RANK_CODE	VARCHAR2 No (15)	SRANK
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Subnational rank code value that best characterizes the relative rarity or endangerment of a native taxon within the geographic boundaries of Ontario. These codes are further described in the NHIC Glossary. Note: This column's value will come from the SPECIES_MASTER_LIST lookup table for the relevant species. NHIC database field: S_RANK

COSEWIC_STATUS	VARCHAR2 No (15)	COSEWIC
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The official endangerment status the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) assigns to this Element. Note: This column's value will come from the SPECIES_MASTER_LIST lookup table for the relevant species. NHIC database field: COSEWIC

SARO_STATUS	VARCHAR2 No (15)	SARO_STAT
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The official endangerment status of the Committee on the Status of Species at Risk in Ontario (COSSARO) assigns to this Element. Note: This column's value will come from the SPECIES_MASTER_LIST lookup table for the relevant species. NHIC database field: S_RANK

LAST_OBS_DATE	VARCHAR2 No (20)	LAST_OBS
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The most recent (character) date the species was observed. Note: This column's value will come from the corresponding column found in the relevant occurrence data class. NHIC database field: LAST_OBS

EXTIRPATED_IND	VARCHAR2 No (1)	EXTIRP_IND
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A Yes/No indicator if an Occurrence is extirpated (locally extinct). A value of "Y" means that the Occurrence no longer exists in the geographical extent of the UTM 1 KM grid square. Note: This column's value will come from where the OCCURRENCE_RANK indicator = Extirpated in the relevant occurrence data class. NHIC database field: EXTIRPATED

DETAILS_URL	VARCHAR2 No (254)	DET_URL
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An internet hyperlink address (URL) to additional detailed information about this record. NHIC database field: DETAILS_URL

CONTACT_DETAILS	VARCHAR2 No (254)	CONTACT_D
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Contact details for further information about this record (NHIC or relevant OMNRF District). NHIC database field: CONTACT_INFO

COMMENTS	VARCHAR2	No	COMMENTS
	(254)		
Additional comments about the Element. For Natural Areas this includes the type of Natural Area. NHIC database field: COMMENT			

EFFECTIVE_DATETIME	DATE	No	EFF_DATE
Date/time the record was created or last modified in the source database.			

PROV_TRK_SPECIES_GRID_SUMMARY

Table providing 1) internet hyperlinks (URLs) to additional publicly available non-sensitive information on provincially tracked feature data within a referenced UTM 1KM Grid, and 2) flag values for mapping these elements based on their presence/absence or provincial status.

Column Name	Column Type	Mandatory	Short Name	Valid Values
PROV_TRK_SPECIES_1KM_GRID_ID	NUMBER (13,0)	Yes	GRID_ID	
System generated identifier, unique at the application level.				
NHIC_URL	VARCHAR2 (254)	No	NHIC_URL	
An internet hyperlink address (URL) to a report of all Natural Heritage Information Centre (NHIC) records covering the area within the UTM 1KM grid square. NHIC database field: ALL_NHIC_LINK				
SPECIES_REPORT_URL	VARCHAR2 (254)	No	SP_REP_URL	
An internet hyperlink address (URL) to a report of all Natural Heritage Information Centre (NHIC) species records covering the area within the UTM 1KM grid square. NHIC database field: SPE_LINK				
WILDLIFE_CONCENT_AREA_URL	VARCHAR2 (254)	No	WCA_URL	
An internet hyperlink address (URL) to a report of all Natural Heritage Information Centre (NHIC) Wildlife Concentration Area (WCA) records covering the area within the UTM 1KM grid square. NHIC database field: WCA_LINK				
PLANT_COMMUNITY_URL	VARCHAR2 (254)	No	PC_URL	
An internet hyperlink address (URL) to a report of all Natural Heritage Information Centre (NHIC) Plant Community records covering the area within the UTM 1KM grid square. NHIC database field: PC_LINK				
NATURAL_AREA_URL	VARCHAR2 (254)	No	AREA_URL	
An internet hyperlink address (URL) to a report of all Natural Heritage Information Centre (NHIC)				

Natural Area records covering the area within the UTM 1KM grid square. NHIC database field: NA_LINK

SPECIES_FLG	VARCHAR2	No	SP_FLG
	(20)		

Flags the presence, absence or sensitivity of Provincially Tracked Species records covering the area within the UTM 1KM grid square. NHIC database field: SPE_CODE

WILDLIFE_CONCENT_AREA_FLG	VARCHAR2	No	WCA_FLG
	(20)		

Flags the presence, absence or sensitivity of Wildlife Concentration Area (WCA) records covering the area within the UTM 1KM grid square. NHIC database field: WCA_CODE

PLANT_COMMUNITY_FLG	VARCHAR2	No	PC_FLG
	(20)		

Flags the presence, absence or sensitivity of Plant Community records covering the area within the UTM 1KM grid square. NHIC database field: PC_CODE

GENERAL_INFO_URL	VARCHAR2	No	GEN_URL
	(254)		

An internet hyperlink address (URL) to additional general information not necessarily covering the area within the UTM 1KM grid square (e.g. further reporting, glossary of terms, new data collection or analysis tools). NHIC database field: GENERAL_LINK

EFFECTIVE_DATETIME	DATE	No	EFF_DATE
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Date/time the record was created or last modified in the source database.
