



Natural Resources
Canada

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CanVec

Release note

2016-11-16

**Natural Resources Canada
Earth and Sciences Sector
Canada Centre for Mapping and Earth Observation**

GeoGratis Client Services

Telephone: +01-819-564-4857

1-800-661-2638 (Canada and USA)

Fax: +01-819-564-5698

E-mail: NRCan.Geoinfo.RNCan@Canada.ca

URL : www.geogratiss.gc.ca

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RELEASES HISTORY

Date	Description
2016-11-16	New release
2016-09-22	New release
2016-07-19	New release
2016-05-18	New release
2016-03-17	New release
2016-01-14	Original version

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OVERVIEW

CanVec is a digital cartographical reference product produced by Natural Resources Canada. It originates from the best available data sources covering the Canadian territory. This product offers quality topographical information in vector format in compliance with international geomatics standards.

This new CanVec is the result of an improved data model whose goal to provide of providing seamless data layer coverage across Canada. Currently, only Atlas data and the Transportation theme data sourced from the National Road Network (NRN) and the National Railway Network (NRWN) are available seamlessly. Future releases will include additional seamless data layers.

Note: Since October 2015, the Aboriginal Lands data have not been supported in the CanVec product. Please download the [GeoBase - Aboriginal Lands of Canada](#) to obtain updated information.

RELEASE DATE

November 16, 2016

RELEASE NOTE

The CanVec product includes the following improvements and modifications (datasets listed below are in reference to the National Topographic System (NTS) at the scale of 1:50 000):

- Correction of discrepancies for datasets and metadata in the CanVec product:
 - Commission of an entity occurrence **Contour**, (2 datasets, discrepancy no 03385);
 - Commission of some attribute values NAMEID_1 for **Network linear flow**, (2 datasets, discrepancy no 03386);
 - Error of structuration for some entity occurrences **Permanent snow and ice**, (8 datasets, discrepancy no 03388);
 - Error of elevation values for some entity occurrence **Contour**, (1 dataset, discrepancy no 03395);
 - Commission of attribute value for some entity occurrences **Waterbody**, (6 datasets, discrepancy no 03398);
 - Commission of some entity occurrences **Named feature** - Point Geometry, (1 dataset, discrepancy no 03399);
 - Commission of some entity occurrences **Named feature** - Area Geometry, (1 dataset, discrepancy no 03400);
 - Commission of attribute values for some entity occurrences **Island**, (1 dataset, discrepancy no 03401);
 - Commission and omission of attribute values - **Municipal Boundaries**, (1 dataset, discrepancy no 03402);
 - Error of attribute values for some occurrences **Aboriginal Land**, (1 dataset, discrepancy no 03403);
 - Omission of some entity occurrences – **Waterbody**, (1 dataset, discrepancy no 03409);
 - Error of RIVID_1 attribute value for some entity occurrences **Waterbody**, (1 dataset, discrepancy no 03410);
 - Commission of attribute value NAMEID_1 for some occurrences **Network linear flow**, (2 datasets, discrepancy no 03411);
 - Commission of attribute value RIVID_1 for some occurrences **Waterbody**, (2 datasets, discrepancy no 03412);

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- Error of attribute value for some entity occurrences **Named feature** – Area, (2 datasets, discrepancy no 03413);
 - Error of attribute value **Waterbody**, (1 dataset, discrepancy no 03414);
 - Error of attribute value NAMEID for some entity occurrences **Named feature**, (2 datasets, discrepancy no 03417);
 - Error of attribute value LAKEID_1 for an entity occurrence **Waterbody**, (1 dataset, discrepancy no 03418);
 - Commission of attribute value NAMEID_1 for some occurrences **Network linear flow**, (1 dataset, discrepancy no 03419);
 - Omission of an entity occurrence **Waterbody** – Fort McMurray, (1 dataset, discrepancy no 03427);
 - Error of attribute value NAMEID for entity occurrences **Named feature** and toponyms in attribute.

- Note: Some discrepancies between the attribute names in the catalogue and in the CanVec product have been found. The following table shows them and there could be few others. We are working to correct the situation. Confirmed by October 31st, 2016

Scale	Theme	Feature name	Attribute name in the catalogue	Attribute name in CanVec
50K	Admin	municipal_boundary_2	name_legal_other_language	name_legal_other
			name_legal_other_language_fr	missing
			name_legal_other_language_en	missing
			name_other_language_fr	missing
			name_other_language_en	missing
		aboriginal_land_2	name_other_language_fr	missing
			name_other_language_en	missing
	Hydro	water_linear_flow_1	name_other_language	language_other
			name_other_language_fr	missing
			name_other_language_en	missing
		watercourse_1	name_other_language	language_other
			name_other_language_fr	missing
			name_other_language_en	missing
		waterbody_2	name_other_language	language_other
			name_other_language_fr	missing
			name_other_language_en	missing
			permanent_snow_and_ice_2	name_other_language
name_other_language_fr				missing
name_other_language_en				missing
		hydro_junction_0	Table does not exist	table should not exist
Toponymy	bdg_named_feature_*	md_horiz_position_accuracy_min	missing	
		md_horiz_position_accuracy_max	Missing	
		name_other_language	language_other	
		name_other_language-fr	missing	
		name_other_language_en	missing	
Transport		railway_station_0	track_geobase_nid	missing
Land	island_2	name_other_language	language_other	
		name_other_language_fr	missing	
		name_other_language_en	missing	
250K	ManMade	dam_*	country	missing

			country_fr	missing
			country_en	missing
			map_selection	missing
			map_selection_fr	missing
			map_selection_en	missing
		protection_structure_1	country	missing
			country_fr	missing
			country_en	missing
			map_selection	missing
			map_selection_fr	missing
			map_selection_en	missing
	Hydro	hydro_obstacle_*	country	missing
			country_fr	missing
			country_en	missing
			map_selection	missing
			map_selection_fr	missing
			map_selection_en	missing
		watercourse_1	name_other_language	language_other
			name_other_language_fr	missing
			name_other_language_en	missing
		waterbody_2	name_other_language	language_other
			name_other_language_fr	missing
			name_other_language_en	missing
		permanent_snow_and_ice_2	name_other_language	language_other
			name_other_language_fr	missing
			name_other_language_en	missing
			map_selection	missing
			map_selection_fr	missing
			map_selection_en	missing
	Transport	nautical_facility	country	missing
			country_fr	missing
			country_en	missing
			map_selection	missing
			map_selection_fr	missing
			map_selection_en	missing
1M	Transport	port_0	port_responsibility	port_responsability

			port_responsibility_fr	port_responsability_fr
			port_responsibility_en	port_responsability_en
		rail_ferry_1	track_owner_reporting_mark	missing
	Hydro	permanent_snow_and_ice_2	name_other_language_fr	missing
			name_other_language_en	missing
		watercourse_1	name_other_language_fr	missing
			name_other_language_en	missing
		water_linear_flow_1	name_other_language_fr	missing
			name_other_language_en	missing
		waterbody_2	name_other_language_fr	missing
			name_other_language_en	missing
		hydro_junction	missing	Intersection – See note1
			missing	intersection_fr
			missing	Intersection_en
	Toponymy	atlas_named_feature_0	area_km2	missing - See note2
			name_other_language_fr	missing
			name_other_language_en	missing
		atlas_named_feature_2	name_other_language_fr	missing
			name_other_language_en	missing
	Land	island_2	name_other_language_fr	Missing
			name_other_language_en	Missing
5M	Hydro	water_linear_flow_1	name_other_language_fr	missing
			name_other_language_en	missing
		permanent_snow_and_ice_2	name_other_language_fr	missing
			name_other_language_en	missing
		watercourse_1	name_other_language_fr	missing
			name_other_language_en	missing
		waterbody_2	name_other_language_fr	missing
			name_other_language_en	missing
	Transport	rail_ferry_1	track_owner_reporting_mark	missing
	Land	island_2	name_other_language_fr	missing
			name_other_language_en	missing

15M	Hydro	permanent_snow_and_ice_2	name_other_language_fr	missing
			name_other_language_en	missing
		watercourse_1	name_other_language_fr	missing
			name_other_language_en	missing
		waterbody_2	name_other_language_fr	missing
			name_other_language_en	missing
		water_linear_flow_1	name_other_language_fr	missing
			name_other_language_en	missing

Note1: the attributes "intersection", "intersection_fr" and "intersection_en" should not exist, always empty for the moment.

Note2 : the attribute "area_km2" should not be present in the catalogue.