Natural Resources
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# CanVec

# Release Note

# 2017-12-20

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**RELEASES HISTORY**

| Date | Description |
|------|-------------|
| 2017-12-20 | New release |
| 2017-10-18 | New release |
| 2017-08-16 | New release |
| 2017-06-21 | New release |
| 2017-04-19 | New release |
| 2017-02-02 | New release |
| 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 |

## 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.

Main URLs for the CanVec WMS by official language
- CanVec WMS English*: http://maps.geogratis.gc.ca/wms/canvec_en?
- CanVec WMS French*: http://maps.geogratis.gc.ca/wms/canvec_fr?
*For use in a WMS Client, for example in GIS software and applications.

**Note 1:** The data at the scale 1:250 000 comes from static data of the National Topographic Data Base (NTDB) and a generalization of the National Road Network (NRN) and National Railway Network (NRWN) in January 2014. To obtain the up-to-date data, you must download the CanVec data at the scale 1:50 000.

**Note 2:** April 19, 2017 release - Addition of three entities: Natural Gas Processing Plant, Petroleum Refinery and Power Plant at the scale 1:250 000.

**Note 2:** October 18, 2017 release – Aboriginal Lands and Municipal Boundaries products are no longer available in the CanVec product. From now on, please download Aboriginal Lands of Canada Legislative Boundaries to obtain up-to-date data. The Municipal Boundaries product is available in the Natural Resources Canada Archive directory.

## RELEASE DATE

December 20, 2017

## RELEASE NOTE

The CanVec product includes the following improvements and modifications:

- Update of toponyms

- Correction of 3 discrepancies for datasets and metadata in the CanVec product (datasets listed below are in reference to the National Topographic System (NTS) at the scale of 1:50 000):

    o Error of attribute value nameid_1 for an occurrence **Island** - Sheppard Island to modify by Île Kachinwaniskaw, (1 dataset, discrepancy no 03495);

    o Omission of an entity occurrence **Waterbody**, (1 dataset, discrepancy no 03498);

    o Commission of some entity occurrences **Contour** - Metric, (1 dataset, discrepancy no 03519).

  o 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 | 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 | language_other |
| | | | 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 | rail_ferry_1 | track_owner_reporting_mark | missing |
| | | | | |
| | Hydro | 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 |
|---|---|---|---|---|
| | | | | |
| | 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 |
| | | | | |
| | | 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 | 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.