



Natural Resources
Canada

Ressources naturelles
Canada

CanVec

Release notes

Edition 10.0

2012-02-23

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RELEASES HISTORY

Date	Edition	Description
2012-02-23	10.0	Tenth edition
2011-11-18	9.0	Ninth edition
2011-04-18	8.0	Eighth edition
2010-10-12	7.0	Seventh edition
2010-04-12	6.0	Sixth edition
2009-10-14	5.0	Fifth edition
2009-04-14	4.0	Fourth edition
2008-10-20	3.0	Third edition
2008-03-30	2.0	Second edition
2007-03-01	1.0	Original edition

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OVERVIEW

CanVec is a digital cartographical reference product generated by Natural Resources Canada. CanVec offers a complete Canadian coverage by consolidating data from the best available sources. CanVec is a quality vector data that complies with international Geomatics standards.

DATE OF PRODUCTION

Current release date: February 23 2012.

CanVec product is designed to be generally released every six (6) months, usually during spring and autumn.

CURRENT RELEASE NOTES

The tenth edition of CanVec product includes following novelties and modifications:

- Canada complete coverage of planimetry (except for toponymy and contour entities).
- Addition of new datasets from the Mapping of the North project, (56 datasets).
- Addition of hypsographical data, (215 datasets).
- Addition of toponymy from Canadian Geographical Name Data Base (CGNDB), (82 datasets).
- Update of different entities, mainly Hydrography, Relief and landforms, and Industrial and commercial areas themes for the Quebec province, (108 datasets).
- Update of the validity dates (metadata) for the Aboriginal Lands, (3 994 datasets).
- Correction of discrepancies for datasets and metadata in CanVec product:
 - Wrong geometry of some entity occurrences **Island** and **Waterbody** – Hydrography (418 datasets, discrepancy no 01840);
 - Error of codification for an entity occurrence **Waterbody** (1 dataset, discrepancy no 02340);
 - Structure error of some entity occurrences **Island** (1 dataset, discrepancy no 02379);
 - Omission of some entity occurrences **Island** (5 datasets, discrepancy no 02402);
 - Omission of the entity occurrences **Navigational aid** (1 dataset, discrepancy no 02414);
 - Cutting error in the surround of dataset (15 datasets, discrepancy no 02419);
 - Structure error in an entity occurrence **Waterbody** (1 dataset, discrepancy no 02425);
 - Codification error for some entity occurrences **Saturated soil** (49 datasets, discrepancy no 02428);

- Omission and commission of some entity occurrences (15 datasets, discrepancy no 02438).

The project Mapping of the North undertaken by the Centre for Topographic Information is one of the processes developed to generate topographical data for CanVec. This project is realized by putting forward various data acquisition methods:

- Loading of data acquired by stereo-digitizing;
- Loading of data acquired by stereo-digitizing and updated with Landsat 7 or Spot satellite imagery;
- Loading of data acquired by Landsat 7 or Spot satellite imagery.

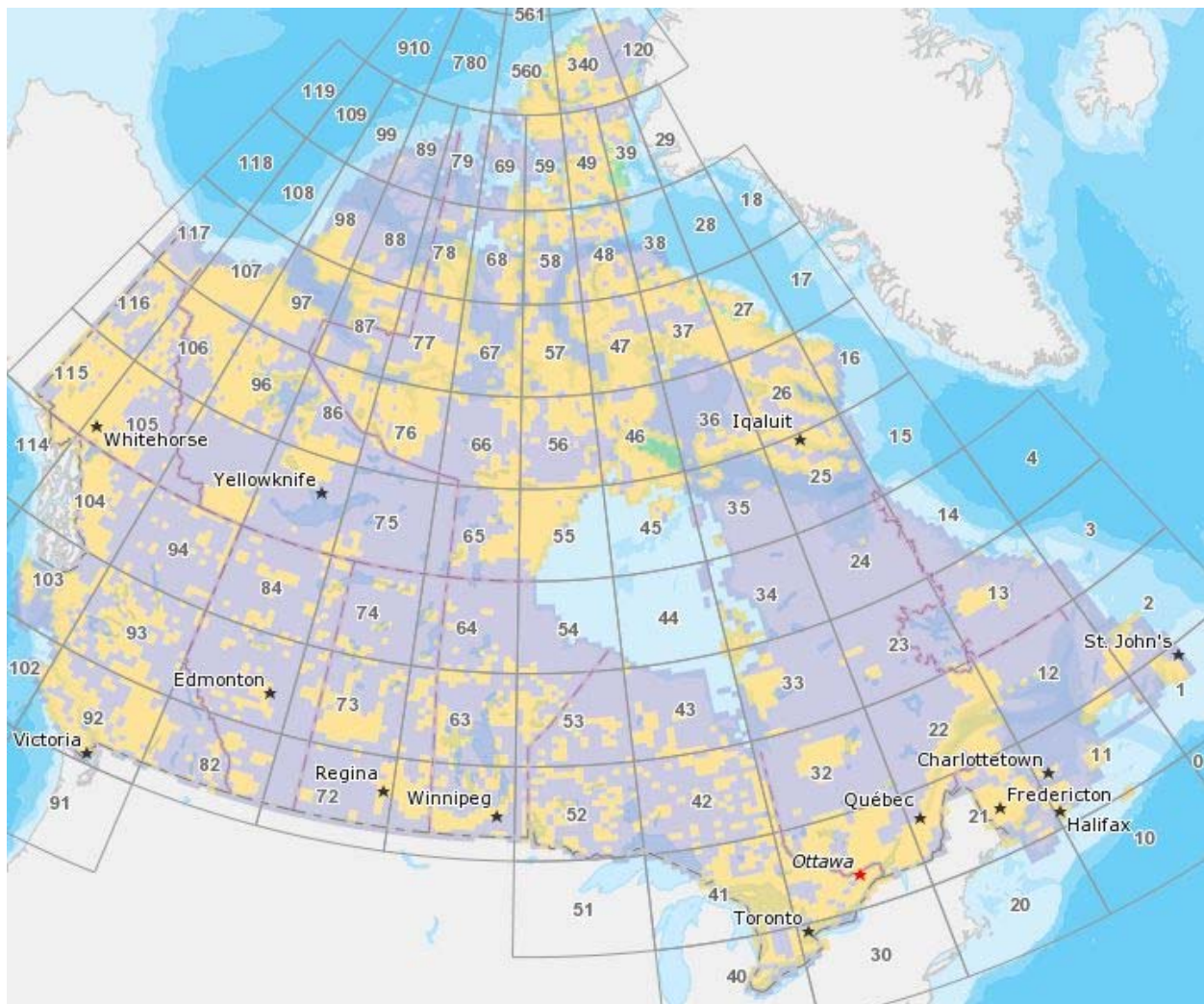
The data processed within the scope of this project includes primary (only) topographical information visible (detectable) on Landsat 7 or Spot satellite imagery. The data related to the hypsography (altimetry) is excluded. Another project aiming to generate contour intervals from Digital Elevation Model (DEM) has been started. Missing data will be added eventually in CanVec datasets.

- Since the first release of CanVec product, 1 789 datasets are issued from Mapping of the North project from which 56 are new in this edition. Hypsography (altimetry) is available for 1 458 datasets and the Toponymy in 1 460 datasets.

COVERAGE OF CANVEC PRODUCT

A total of 14541 datasets is part of the edition 10.0 of CanVec product where 56 are new and 5312 are modified or corrected.

Coverage of CanVec product – Edition 10.0



Legend

- New (56 datasets)
- Identical/unchanged (9173 datasets)
- Modified/corrected (5312 datasets)