



Natural Resources  
Canada

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# **Toporama**

## **Release notes**

### **Edition 3.0**

### **2009-10-14**

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**RELEASES HISTORY**

<b>Date</b>	<b>Edition</b>	<b>Description</b>
2009-10-14	3.0	Third edition
2009-04-14	2.0	Second edition
2008-10-20	1.0	Original edition

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## 1 OVERVIEW

Toporama is a digital topographic reference product developed by Natural Resources Canada. Toporama integrates the best available data sources that cover the Canadian landmass to provide quality topographical information in raster format. This product is essentially based on the CanVec product.

## 2 DATE OF PRODUCTION

Current release date: October 14, 2009.

This publication of Toporama product corresponds to CanVec product fifth edition. Toporama product is designed to be released generally every six (6) month, usually during spring and autumn.

## 3 CURRENT RELEASE NOTES

The third edition of this product includes following novelties and modifications:

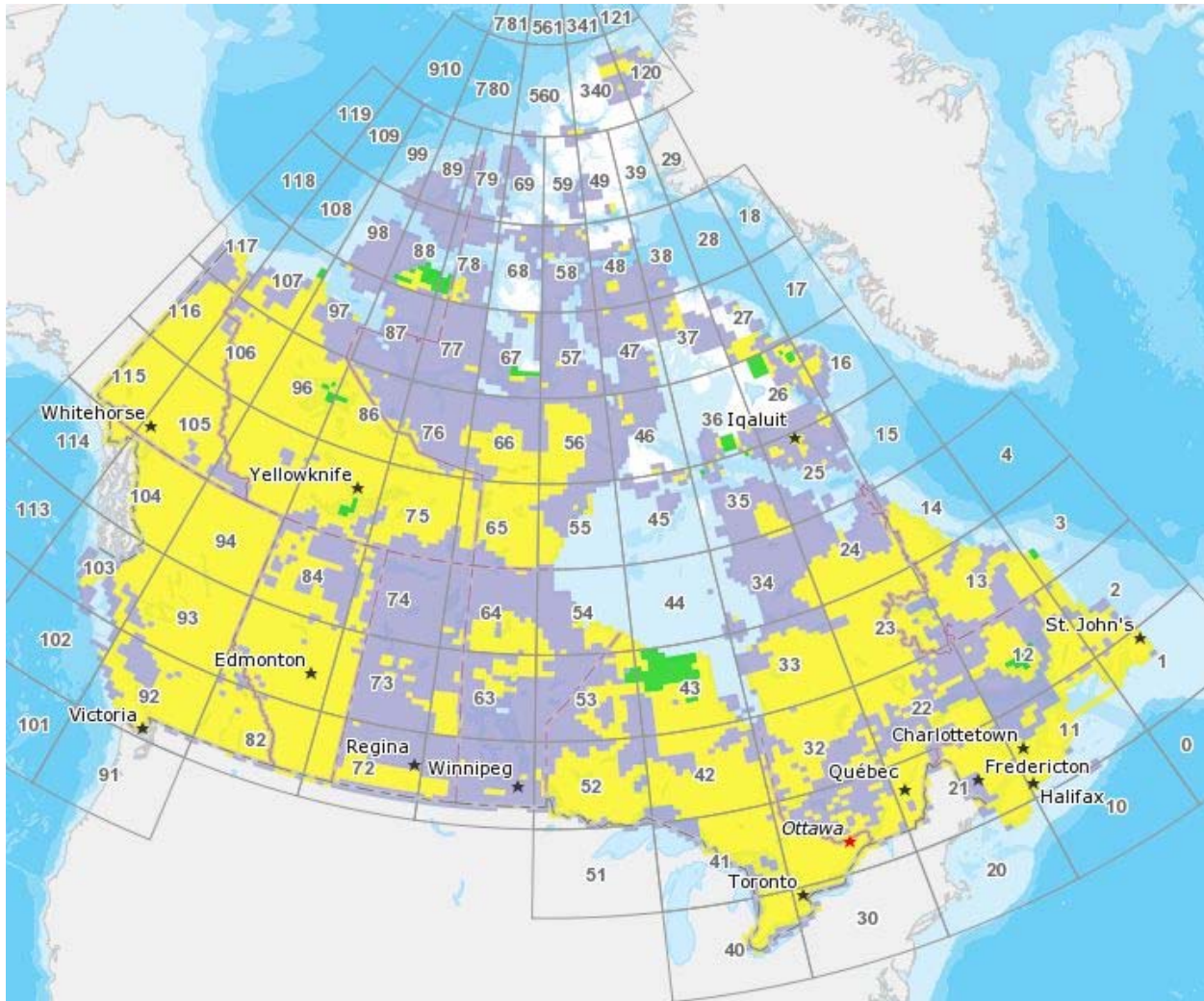
- Addition of 154 new datasets for which the majority comes from the project Mapping of the North (123 datasets), from the transfer of GeoBase National Hydro Network (NHN) data to CanVec (30 datasets) and from the transfer of GeoBase National Road Network (NRN) data to CanVec (one dataset).
- Update of National Road Network (NRN) into CanVec product. The following province/territory datasets have been actualized: Alberta, British Columbia, Nova Scotia, Newfoundland and Labrador, Northwest Territories and Yukon; Prince Edward Island (addition of place and street names); Nunavut and Ontario (addition of addresses and place and street names). A total of 2 516 datasets have been updated.
- The hydrography (Hydrographic obstacle entity, Island, Manmade hydrographic entity, Single line watercourse and Waterbody) that comes from GeoBase National Hydro Network (NHN) has been updated. More than 4 327 datasets located in Yukon, in central and southern Northwest Territories, in Nunavut (about ten drainage areas), in northern British Columbia, in central Quebec and in Newfoundland and Labrador (a dozen of drainage areas) have been actualized.
- Update of geographical names for the entity Named feature. Toponyms from Canadian Geographical Name Data Base (CGNDB) have been actualized for the entire modified datasets of this release. Furthermore, there are 263 datasets that the Toponymy has been added.
- Three hundred and twenty-four (324) datasets now contain the entities Contour and Elevation point (metric). The metrification process aims to create new metric hypsographical data or to replace imperial hypsographical data (entities Contour imperial and Elevation point imperial).
- Correction of discrepancies for datasets and metadata:
  - Wrong attribute value for Permanency on some entity occurrences of **Waterbody** (3 datasets, discrepancy no 01848);
  - Omission of some entity occurrences of **many entities** (one dataset, discrepancy no 01856);
  - Geometry error on some entity occurrences of **Palsa bog, String bog, Tundra pond** and **Wetland** (one dataset, discrepancy no 01885);

- Wrong attribute value for Hypsometric value on all entity occurrences of **Contour** (one dataset, discrepancy no 01876);
  - Omission of all entity occurrences of **Transmission line** (2 datasets, discrepancy no 01894);
  - Wrong attribute value for Water definition on some entity occurrences of **Waterbody** (one dataset, discrepancy no 01887);
  - Commission (excessive data) of some entity occurrences of **Contour** (2 datasets, discrepancy no 01903);
  - Omission of some entity occurrences of **Waterbody** (one dataset, discrepancy no 01922);
  - Wrong value for some attributes of entity **Manmade hydrographic entity** (one dataset, discrepancy no 01927);
  - Omission of all attributes or commission of some entity occurrences of **Named feature** (49 datasets, discrepancy no 01946);
  - Wrong attribute value for Contour type on some entity occurrences of **Contour** (390 datasets, discrepancy no 01952);
  - Wrong **metadata** for some datasets: bounding coordinates (Spatial domain) for some datasets are erroneous (205 datasets, discrepancy no 01958);
  - Wrong **metadata** for some datasets: the altitude distance unit (Vertical coordinate system definition) is erroneous. It indicates “feet” instead of “meters” or vice versa (113 datasets, discrepancy no 01962);
  - Wrong **metadata** for some datasets: horizontal datum name (Horizontal coordinate system definition/Geodetic model) for some datasets is erroneous and indicates “NAD83CSRS (North American Datum 1983 in Canadian Spatial Reference System)” instead of “North American Datum of 1983” or “NAD83” (4 549 datasets, discrepancy no 01967).
- To be noticed is that **metadata** discrepancies (01958, 01962 and 01967) don't have any effect on the geometry of the associated datasets and it's only metadata files (in HTML and XML formats) that have been corrected.

### 4 COVERAGE OF TOPORAMA PRODUCT

A total of 12 824 datasets is part of the edition 3.0 of Toporama product where 154 are new and 7 064 are modified or corrected. The 5 656 datasets remaining are unchanged from previous edition.

Coverage of Toporama product – Edition 3.0



#### Legend

- New (154 datasets)
- Modified/corrected (7 064 datasets)
- Identical/unchanged (5 656 datasets)