



Canada Complete Documentation

Introduction:

Canada Complete provides alternate city names per postal code. The regular base product has a few hundred alternate names, but there are even more valid place names (about 375,000) which we were able to derive from an additional file from Canada Post.

We've received enough requests for this unique file that we developed this new product.

File Names:

The files come packaged inside a .zip file, which makes it easy to extract. The .zip file will begin with 'cc' and if there are any add-on products, it will have the following letters for each add-on: 'l' for latitude/longitude, 'a' for area codes, and a 't' for time zones.

It will contain this PDF file, along with the data file. The data file will be named as follows:

PREFIX:

- The file name begins with 'cc'.

ADD-ONS:

- If Latitude/Longitude is included, the next character will be an 'l'.
- If Area Codes are included, the next character will be an 'a'.
- If Time Zones are included, the next character will be a 't'.

FULL or DEMO:

- Full versions of the file will have '-full' as the next characters in the name. Demo versions will have '-demo'.

SUFFIX:

- The file name will end in '.txt' if a comma-delimited text file or '.fix' if a fixed-length file format.
- Demo files will have 20,000 records and full versions will be over 1.2 million records.

EXAMPLE:

- If you've ordered the file with latitude & longitude, plus area codes, the file would be called, 'ccla.txt'.

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File Layout:

The standard file is in a comma-delimited, ASCII format. The character fields are *not* quoted, in order to save space.

Base Product:

1) The postal code is 7 characters long in the following format: ANA NAN. Please note that there is a space in the 4th position.

2) The Province code is 2 characters long.

The current Canadian Province codes are as follows:

AB - Alberta

BC - British Columbia

MB - Manitoba

NB - New Brunswick

NL - Newfoundland & Labrador

NT - Northwest Territories

NU - Nunavut

NS - Nova Scotia

ON - Ontario

PE - Prince Edward Island

QC - Quebec

SK - Saskatchewan

YT - Yukon Territory

3) The city/town is up to 30 characters long.

4) The sequence number is up to 2 digits long. This will be a '1' for the primary city for that postal code and would be a 2, 3, etc. for alternate cities for that postal code.

Add-on Products:

If you purchased any add-on products, the fields will be listed in the following *relative* order, depending on whether you purchased that add-on or not:

- Latitude & Longitude. The format for Latitude is: 99.999999 and the format for Longitude is: -999.999999. Note that west longitudes (all of the Canadian locations), contain a negative number.
- Area Code (3 digits long).

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- Time Zones. The format is: -9999 (2-digit hours and 2-digit minutes). Note that all Time Zones in the Western Hemisphere are negative, just like longitudes. '-0500' hours is for the Eastern Time Zone, '-0600' is for the Central Time Zone, etc. **Note:** we list hours and minutes because of Newfoundland *Island* (not the mainland) where it is -0330 in our files because it's minus 3 hours and 30 minutes before GMT. The mainland of Newfoundland is -0400 hours.
- Daylight Savings Time flag (part of the Time Zone add-on). It will be 'Y' if the area observes Daylight Savings Time and 'N' if it doesn't.

Fixed File formats:

If you have received this data in a fixed format, the record layout will contain no commas or filler and the field lengths will be the maximum length indicated. The order that the fields appear will be in the same *relative* order mentioned above. For instance, the base product has the following layout:

- 01-07 Postal Code
- 08-09 Province Code
- 10-39 City/Town Name
- 40-41 Sequence Number
- 42-43 Primary or Alternate city name code ('P' or 'A')

Optional Fields (these will appear in the order listed):

- Latitude (Format: 99.999999)
- Longitude (Format: -999.999999)
- Area Code (Format: 999)
- Time Zones (Format: -9999)
- Daylight Savings (1 Character)

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