CWFIS GeoNetwork catalogue (PROD)

Large Fire Database fire point data

The Large Fire Database (LFDB) is a collection of forest fire locations as provided by Canadian fire management agencies including provinces, territories, and Parks Canada. The data set includes only fires greater than 200 hectares in final size for years 1959 through 1999. This version was released in May 2002, and a detailed analysis was published by Stocks et al. in 2002. The LFDB is no longer maintained, but it has been replaced by the National Fire Database.

The LFDB can be used for spatial and temporal analyses of landscape-scale fire impacts. For information on smaller fires (up to 200 ha in final size), please contact individual fire agencies.

- Identification
- Distribution
- Quality
- Spatial rep.
- Ref. system Reference Systems
- Content
- Portrayal
- Metadata
- Md. constraints
- Md. maintenance
- Schema info

Identification

Data identification

Citation

Date (Creation)	2017-11-06
Date (Publication)	2017-11-06

Point of contact
Government of Canada; Natural Resources Canada; Canadian Forest Service - Data Owner (Data Owner)
5320-122nd Street, Edmonton, Alberta, T6H 3S5, Canada
780-000-0000

Status	Completed

Custodian
Government of Canada; Natural Resources Canada; Canadian Forest Service - Data Custodian (Data Custodian)
5320-122nd Street, Edmonton, Alberta, T6H 3S5, Canada
780-000-0000

Maintenance and Update Frequency	Annually
Government of Canada Core Subject Thesaurus	• Forest fires
CWFIF Data Themes	• Fire mapping and monitoring
CWFIF Internal Workflow	• wf-prod • wf-test • wf-sbx
Security Classification	Unclassified

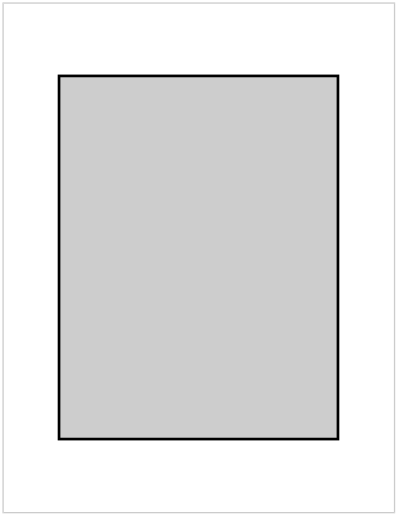
Legal constraints

Use Limitation	Open Government Licence - Canada (https://open.canada.ca/en/open-government-licence-canada)
Access Constraints	License

Spatial representation type	Vector
Language	eng; CAN

Topic category	• Environment
Begin Date	1959
End Date	1999

83.11	N	41.68	S	-52.62	E	-141.00	W



Supplemental Information	The CNFDB is compiled and maintained by the Canadian Forest Service and includes data from the previously released Large Fire Database (LFDB). The LFDB is no longer maintained separately from the CNFDB. Note that the data contained in the LFDB are not complete nor are they without error. Locations are approximate. Not all fires have been mapped, and data accuracy varies due to different mapping techniques. This collection includes only data that has been contributed by the agencies. Data completeness and quality vary among agencies and between years. For analyses for a single province or territory or for Parks Canada, we suggest you contact the appropriate agency. Links to the agency web sites can be found at http://fire.cfs.nrcan.gc.ca/links-liens-eng.php, or can be found through the Canadian Interagency Forest Fire Centre (CIFFC) website at http://www.ciffc.ca The database is a large collaborative effort by all Canadian fire agencies. We thank the many individuals who contributed to this effort, including fire crews, field personnel, photo interpreters, pilots, digitizers, and analysts. Compilation of the Canada-wide database was partially supported by the Canadian government programs of ENFOR (ENergy from the FORest), the Program on Energy Research and Development, the Climate Change Action Fund, and Action Plan 2000. The following papers present analyses of this database. We encourage users to read these before attempting further analyses. Stocks, B.J.; Mason, J.A.; Todd, J.B.; Bosch, E.M.; Wotton, B.M.; Amiro, B.D.; Flannigan, M.D.;Hirsch, K.G.; Logan, K.A.; Martell, D.L.; Skinner, W.R. 2003. Large forest fires in Canada, 1959–1997. Journal of Geophysical Research 108, D1: FFR5, 1-12. doi:10.1029/2001 JD000484 Amiro, B.D.; Todd, J.B.; Wotton, B.M.; Logan, K.A.; Flannigan, M.D.; Stocks, B.J.; Mason, J.A.; Martell, D.L.; Hirsch, K.G. 2001. Direct carbon emissions from Canadian forest fires, 1959 to 1999. Canadian Journal of Forest Research 31:512–525.

Distribution

Distribution

Distribution format	• SHP (ESRI shapefiles geospatial vector data format)

Publisher

Government of Canada; Natural Resources Canada; Canadian Forest Service - Distributor (Distributor)
5320-122nd Street, Edmonton, Alberta, T6H 3S5, Canada
780-000-0000

Digital transfer options

Online Resource	Large Fire Database fire point data (HTTP) Dataset;SHP;eng,fra

Ref. system Reference Systems

Reference system identifier	http://www.epsg-registry.org / EPSG:3978 /

Metadata

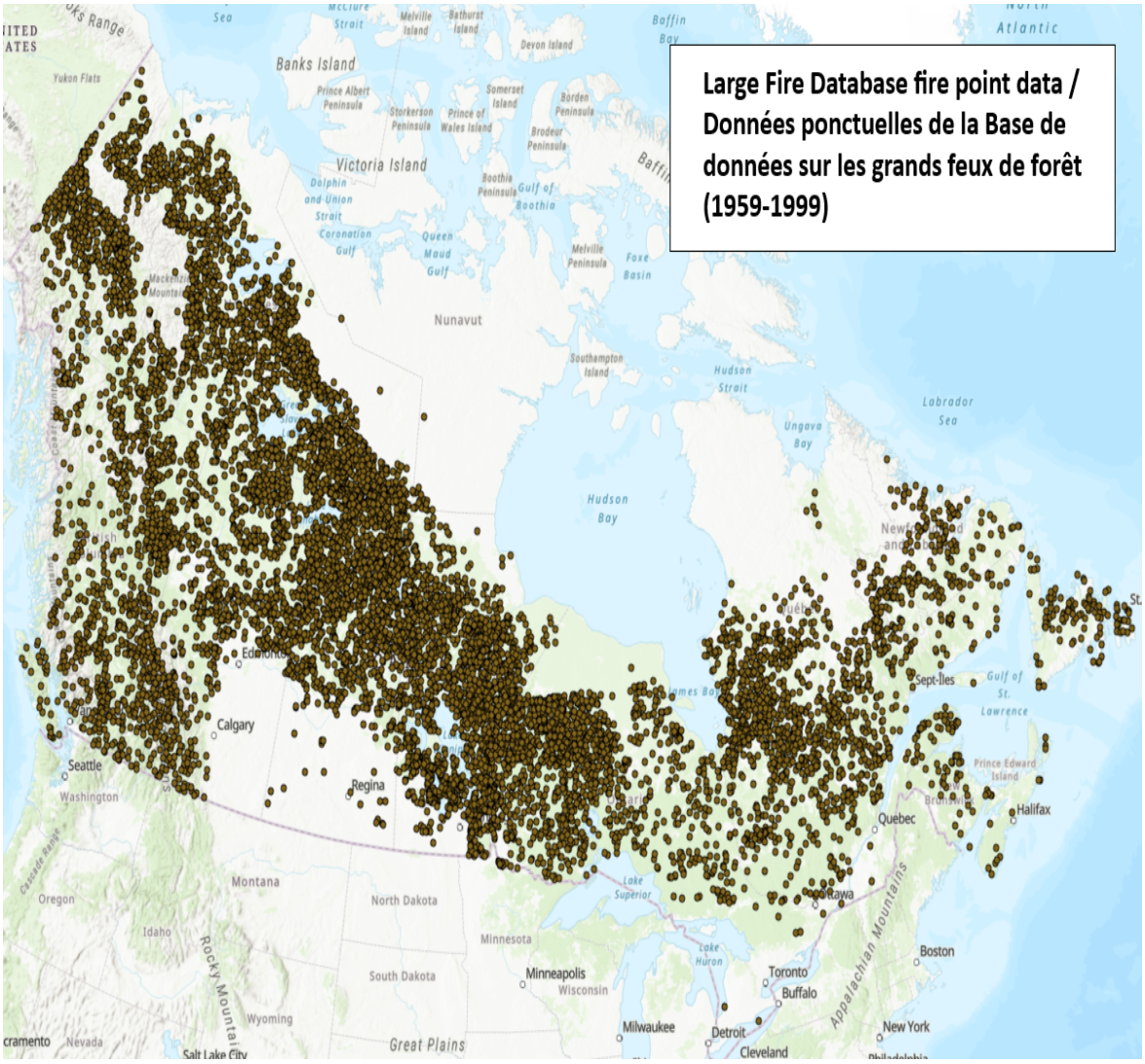
Metadata

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Metadata language	eng; CAN
Character set	UTF8
Hierarchy Level	Dataset
Date Stamp	2026-05-11T17:55:26.796Z
Metadata standard name	North American Profile of ISO 19115:2003 - Geographic information - Metadata
Metadata standard version	CAN/CGSB-171.100-2009

Point of contact

Government of Canada; Natural Resources Canada; Canadian Forest Service - Metadata Steward (Metadata Steward)
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Overviews



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