CWFIS GeoNetwork catalogue (PROD)

Drought Code - FWI1987

The Drought Code is a component of the Canadian Forest Fire Weather Index (FWI) System. Higher values mean drier conditions in the deeper and denser decaying material in the forest floor. This is a useful indicator of seasonal drought effects on forest fuels. Operationally, it is used to indicate the tendency to have significant and longer-lasting combustion within deeper pockets of fuel in the forest floor and in larger logs on the surface ("larger logs" indicates those with a typical diameter of 10-12 centimetres).

Values over 500 are common by late summer in much of western Canada, with very hot and dry years occasionally producing values over 1000.

Detailed information is found in the parent document, "Canadian Forest Fire Weather Index (FWI) System -- Daily Maps", linked above. Additional information may also appear in Supplemental Information below.

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

Identification

Data identification

Citation

Date (Publication)	2026
Date (Creation)	2017-01-01

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

Other citation details	Canadian Forest Service. yyyy. Canadian Wildland Fire Information System (CWFIS), Natural Resources Canada, Canadian Forest Service, Northern Forestry Centre, Edmonton, Alberta. https://cwfis.cfs.nrcan.gc.ca.
Status	On going

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	Daily
Government of Canada Core Subject Thesaurus	• Risk management • Forest fires
CWFIF Data Themes	• Fire weather
CFWIF Evaluation Method	• Analysis • Forecast
CWFIF Model Method	• FWI 1987
CWFIF Temporal Type	• Local Noon
CWFIF Weather Dataset Source	• Scribe Meteocode • Observations

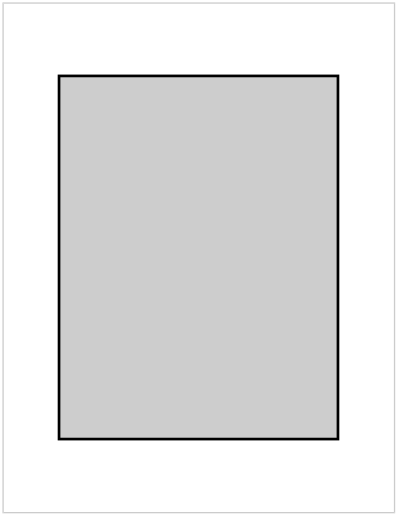
CWFIF Internal Workflow	• wf-test • wf-prod • wf-sbx
Security Classification	Unclassified

Legal constraints

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

Spatial representation type	Grid
Language	eng
Topic category	• Environment
Begin Date	2017
End Date	2026

83.12	N	41.67	S	-52.62	E	-141.01	W



Supplemental Information	Some fire management agencies may use a different number of classes, different class boundaries, or differing descriptive interpretations of values.

Distribution

Distribution

Distribution format	• WMS (PNG, PNG8, JPEG, GIF, TIFF, TIFF8, GeoTIFF, GeoTIFF8, SVG, PDF, GeoRSS, KML, KMZ, OpenLayers) • TIFF (TIFF)

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	Drought Code (HTTPS) Dataset;GeoTIF;eng,fra
Online Resource	Drought Code (HTTPS) Web Service;Web App;eng,fra
Online Resource	Drought Code (HTTPS) Web Service;PNG;eng
Online Resource	Drought Code (HTTP) Web Service;Web App;eng,fra
Online Resource	Drought Code (HTTPS) Web Service;PNG;fra

Digital transfer options

No information provided.

Digital transfer options

No information provided.

Digital transfer options

No information provided.

Digital transfer options

No information provided.

Digital transfer options

No information provided.

Digital transfer options

Online Resource	public:dc (OGC:WMS) API;WMS;eng
Online Resource	public:dc (OGC:WMS) API;WMS;fra

Quality

Data quality

Hierarchy level	Dataset

Lineage

Source	• Temperature - FWI1987 • Precipitation - FWI1987

Ref. system Reference Systems

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

Metadata

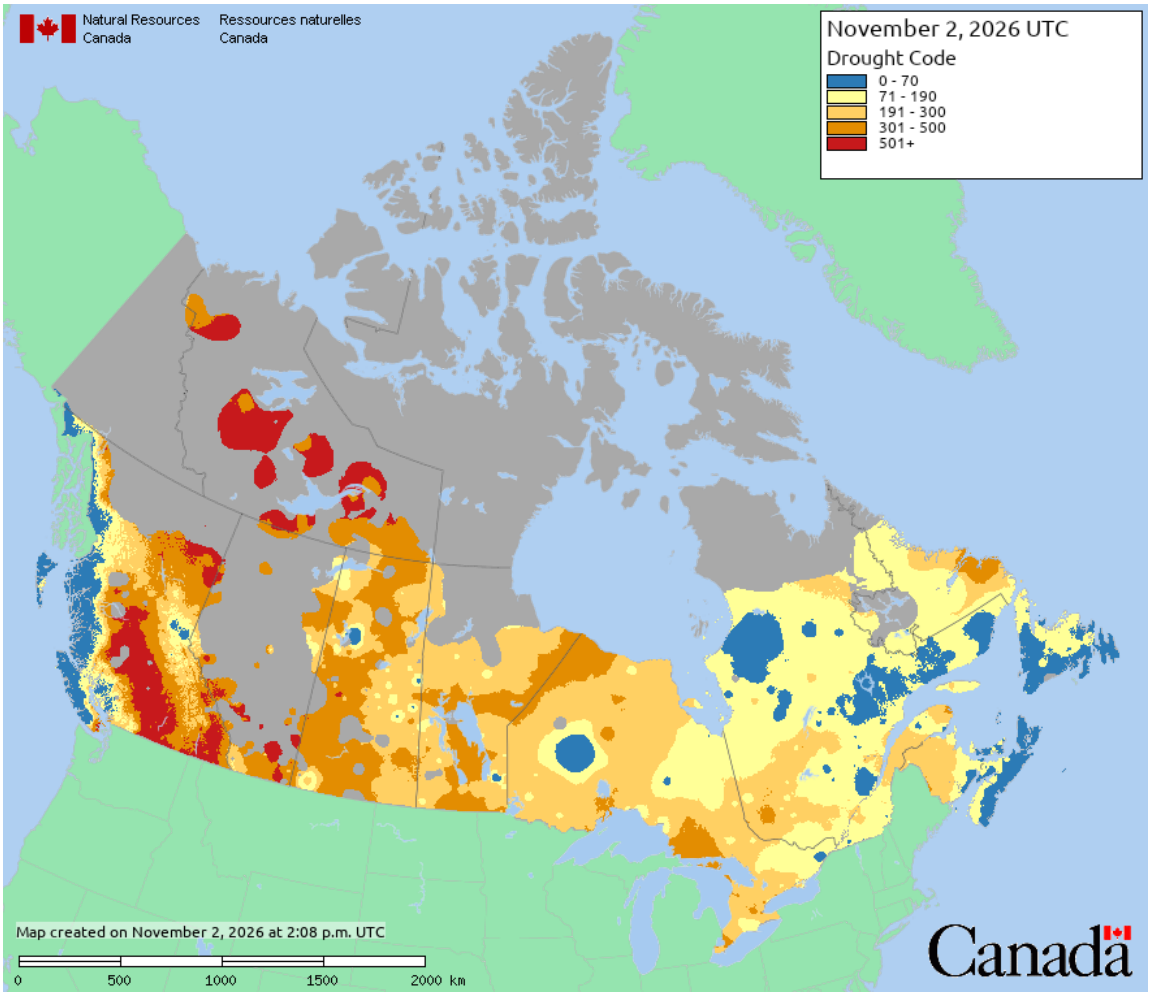
Metadata

File Identifier	51814c79-836f-449f-b6da-7d0bf7bfcdf5 XML
Metadata language	eng; CAN
Character set	UTF8
Parent identifier	Canadian Forest Fire Weather Index (FWI) System - Daily Maps efec0079-273e-47d4-84d7-6940e0af3932
Hierarchy Level	Dataset
Date Stamp	2026-07-16T14:30:34.866Z
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)
5320-122nd Street, Edmonton, Alberta, T6H 3S5, Canada
780-000-0000

Overviews



Drought Code

Provided by