Daily Severity Rating - FWI1987

The Daily Severity Rating is an additional component of the Canadian Forest Fire Weather Index (FWI) System. It is a simple transformation of the FWI which provides a better relative indicator of the effort required to suppress a fire. It is typically summarized over months or a full fire season to illustrate how challenging the fire weather has been during a period at a specific location or over a region.

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)	2024
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	• Forest fires • Meteorology • Risk management • Meteorological data
CWFIF Data Themes	• Weather • Fire weather
CFWIF Evaluation Method	• Analysis • Forecast
CWFIF Model Method	• FWI 1987
CWFIF Temporal Type	• Local Noon
	• Observations

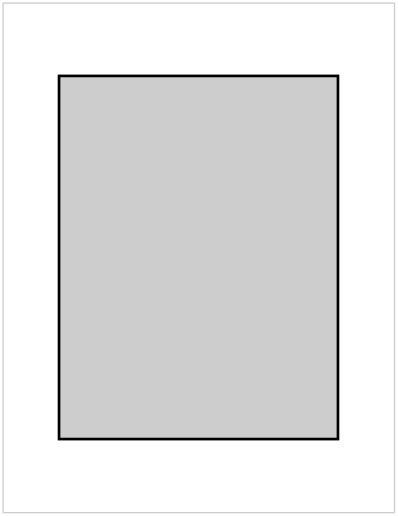
CWFIF Weather Dataset Source	• NAEFS • Scribe Meteocode
CWFIF Internal Workflow	• wf-prod • wf-test • wf-sbx
Fire Weather	• Fire Weather Index (FWI)
Security Classification	Unclassified

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

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	Daily Severity Rating (HTTPS) Dataset;GeoTIF;eng,fra
Online Resource	Daily Severity Rating (HTTPS) Web Service;Web App;eng,fra
Online Resource	Daily Severity Rating (HTTPS) Web Service;PNG;eng
Online Resource	Information about CWFIS Geoserver Layers (HTTPS) Supporting Document;Web App;eng,fra
Online Resource	Daily Severity Rating (HTTP) Web Service;Web App;eng,fra
Online Resource	Daily Severity Rating (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:dsr (OGC:WMS) API;WMS;eng
Online Resource	public:dsr (OGC:WMS) API;WMS;fra

Quality

Data quality

Hierarchy level	Dataset
Source	• Fire Weather Index - FWI1987

Ref. system Reference Systems

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

Metadata

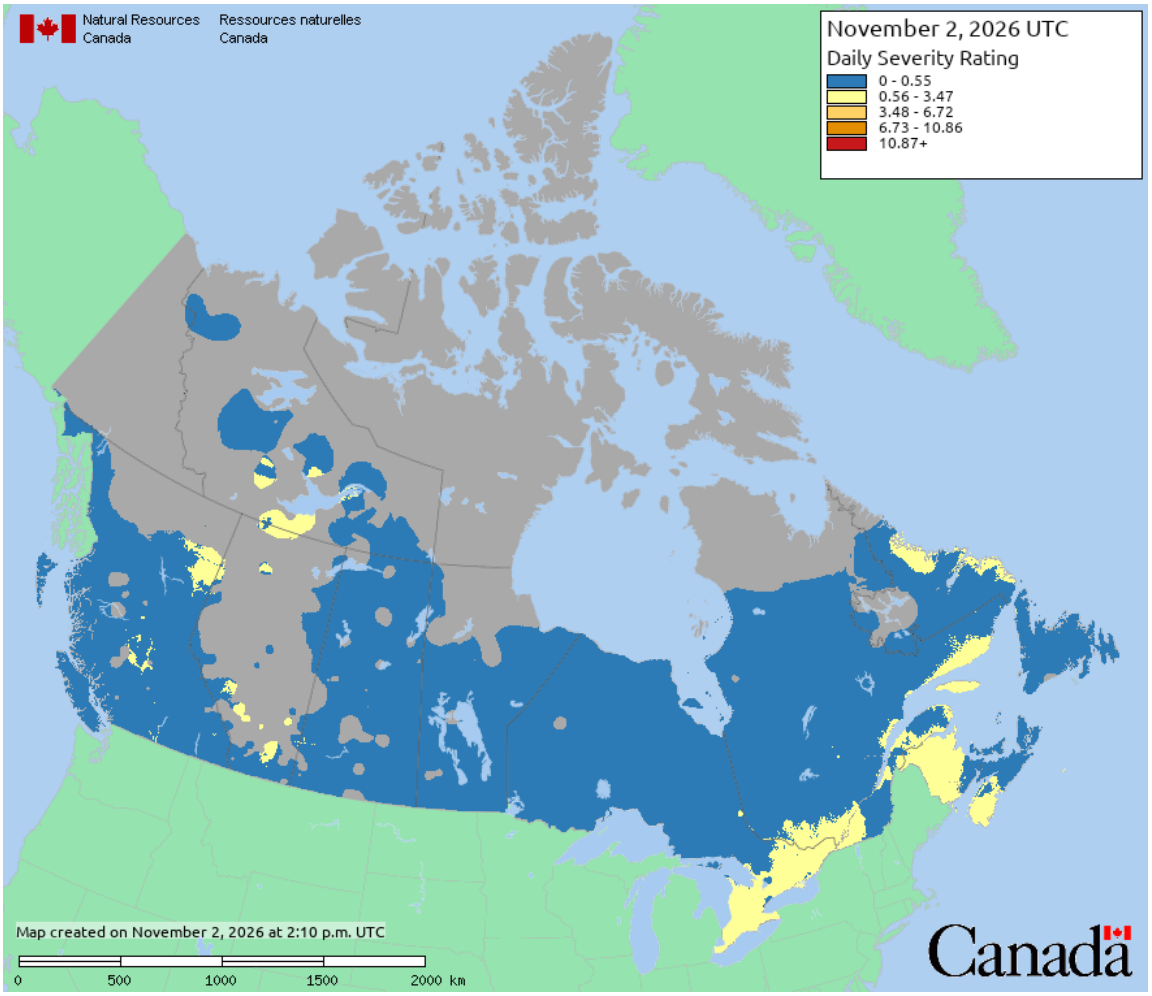
Metadata

File Identifier	b25c8231-f9b1-46f0-baf7-dd3680afca09 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	2026-07-16T14:30:20.87Z
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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780-000-0000

Overviews



Daily Severity Rating

Provided by