

NBAC_metadata_20260513

Type Shapefile

Tags wildland fires, wildfires, forest fires, burned area, fire history, satellite remote sensing, natural disturbance, feux de forêt, incendies de forêt, superficie brûlée, historique des feux, télédétection satellitaire, perturbation naturelle, Canada

Summary

The NBAC is a national, geospatial burned area product compiled annually since 1972 for annual estimates of carbon emissions. A rule-based decision process is used to select the best burned area perimeters from a number of available data providers. // La CNSB est un outil de cartographie nationale et géospatiale des superficies brûlées compilé chaque année depuis 1972 afin d'en calculer annuellement les émissions de carbone. Un processus décisionnel axé sur les règles permet de sélectionner les meilleures fournisseurs de données disponibles pour représenter une situation de feu donnée.

Description

The National Burned Area Composite (NBAC) is a product created as a component of the Fire Monitoring, Accounting and Reporting System (FireMARS), jointly developed by the Canada Centre for Mapping and Earth Observation (formerly the Canada Centre for Remote Sensing) of Natural Resources Canada and the Canadian Forest Service. FireMARS was initially developed with funding support from the Canadian Space Agency Government Related Initiatives Program (<http://www4.asc-csa.gc.ca/auot-eoau/eng/grip/about.aspx>) through a collaboration of those in fire research (<https://natural-resources.canada.ca/forests-forestry/wildland-fires/forest-fires>), forest carbon accounting (<https://natural-resources.canada.ca/forests-forestry/wildland-fires/reporting-emissions-wildland-fires>) and remote sensing.

NBAC is a national product compiled annually since 1972 by the FireMARS system which tracks forest fires for annual estimates of carbon emissions and to help identify National Forest Inventory plots that may have been disturbed by fire. See the FireMARS website at <https://natural-resources.canada.ca/forests-forestry/wildland-fires/fire-monitoring-accounting-reporting-system> and carbon accounting - disturbance monitoring website (<https://natural-resources.canada.ca/climate-change/climate-change-impacts-forests/disturbance-monitoring>) for additional information.

Data from two types of providers is used to generate NBAC:

- 1) Natural Resources Canada, and
- 2) Provincial, Territorial, and Parks Canada agencies.

A rule-based decision process is used to select the best data source for each fire event based on factors such as how well the burn polygon follows the shape of the fire as observed on post-burn satellite imagery, the data source itself, and what methods were used to delineate the burn.

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La Composite nationale des superficies brûlées (CNSB) fait partie du système FireMARS (Fire Monitoring, Accounting and Reporting System) mis au point par le Centre canadien de cartographie et d'observation de la Terre (anciennement le Centre canadien de télédétection) et le Service canadien des forêts. Le système FireMARS a d'abord été rendu possible grâce à un soutien financier du Programme d'initiatives gouvernementales en observation de la Terre (IGOT) de l'Agence spatiale canadienne (<http://www4.asc-csa.gc.ca/auot-eoau/fra/igot/About%20Grip.aspx>) en collaboration avec les initiatives de recherche sur les feux (<https://natural-resources.canada.ca/forests-forestry/wildland-fires/forest-fires>), de comptabilisation du carbone forestier (<https://natural-resources.canada.ca/forests-forestry/wildland-fires/reporting-emissions-wildland-fires>) et de télédétection.

CNSB est un produit national compilé annuellement depuis 1972 par le système FireMARS (Fire Monitoring, Accounting and Reporting System), qui fait le suivi des incendies de forêt afin d'estimer les émissions annuelles de carbone et de déterminer les parcelles de l'Inventaire forestier national (IFN) qui peuvent avoir été perturbées par les incendies. Pour obtenir plus de renseignements, consulter la page Web sur le système FireMARS (<https://natural-resources.canada.ca/forests-forestry/wildland-fires/fire-monitoring-accounting-reporting-system>) et la comptabilisation du carbone forestier - surveillance des perturbations (<https://natural-resources.canada.ca/climate-change/climate-change-impacts-forests/disturbance-monitoring>).

Pour générer la CNSB, on utilise des données provenant de deux types de sources :

- 1) Ressources naturelles Canada;
- 2) les organismes provinciaux et territoriaux et Parcs Canada.

Un processus de décision basé sur des règles est utilisé dans la sélection des meilleures sources de données pour chaque incendie, en fonction de divers facteurs : dans quelle mesure le polygone des surfaces brûlées correspond-elle à la forme de l'incendie observée sur l'imagerie satellitaire post-incendie, la source de données elle-même, ainsi que les méthodes qui ont été utilisées pour la délimitation de l'aire brûlée.

Credits

There are no credits for this item.

Use limitations

There are no access and use limitations for this item.

Extent

West -151.262049 East -30.854110
North 74.367738 South 35.945802

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

Topics and Keywords ►

Themes or categories of the resource Biota, Environment

Content type ⇌ Downloadable Data

Export to FGDC CSDGM XML format as Resource Description No

Citation ►

Title NBAC_metadata_20260513

Creation date 2024-05-16 00:00:00

Presentation formats ⇌ digital map
FGDC geospatial presentation format map

Resource Details ▶

Dataset languages ⇌ English (CANADA)
Dataset character set utf8 - 8 bit UCS Transfer Format

Spatial representation type ⇌ vector

Processing environment ⇌ Microsoft Windows 10 Version 10.0 (Build 22631) ; Esri ArcGIS 13.6.3.59530

ArcGIS item properties

Name ⇌ NBAC_merged_1972_to_2025_20260513
Size ⇌ 1789.024
Location ⇌ file:///S:/EDM-Berg/WorkGroups/EDM/MAFiMS/datamarts/common/burnarea/nbac/NIR_2027/NBAC_merged_1972_to_2025_20260513.shp
Access protocol ⇌ Local Area Network

Extents ▶

Extent
Geographic extent
Bounding rectangle
Extent type
Extent used for searching
West longitude ⇌ -151.262049
East longitude ⇌ -30.854110
North latitude ⇌ 74.367738
South latitude ⇌ 35.945802
Extent contains the resource ⇌ Yes

Extent in the item's coordinate system
westBL ⇌ -2307184.843700
eastBL ⇌ 2998755.322000
southBL ⇌ -716411.552400
northBL ⇌ 2764440.964400
exTypeCode ⇌ Yes

Resource Points of Contact ▶

Point of contact - point of contact
Individual's name Rob Skakun
Organization's name Government of Canada; Natural Resources Canada; Canadian Forest Service; Northern Forestry Centre; Canadian Wildland Fire Information System (CWFIS)
Group

Contact information ▶
Address
Type
Delivery point 5320 122 Street
City Edmonton
Administrative area Alberta
Postal code T6H 3S5
Country CA
e-mail address Rob.Skakun@canada.ca

Resource Maintenance ▶

Resource maintenance
Update frequency as needed

Spatial Reference ▶

ArcGIS coordinate system
Type ⇌ Projected
Geographic coordinate reference ⇌ GCS_North_American_1983
Projection ⇌ Canada_Lambert_Conformal_Conic
Coordinate reference details ⇌
ProjectedCoordinateSystem
XOrigin -34655800
YOrigin -30001600
XYScale 129952262.74881823
ZOrigin -100000
ZScale 10000
MOrigin -100000
MScale 10000
XYTolerance 0.001
ZTolerance 0.001
MTolerance 0.001
HighPrecision true
WKT
PROJCS["Canada_Lambert_Conformal_Conic",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIME

Reference system identifier

Dimension horizontal
 Value EPSG::3978
 Codespace <http://www.epsg-registry.org>
 Version 8.4

Spatial Data Properties ►

Vector ►

Level of topology for this dataset ⇔ geometry only

Geometric objects

Feature class name NBAC_merged_1972_to_2025_20260513
 Object type ⇔ composite
 Object count ⇔ 52610

ArcGIS Feature Class Properties ►

Feature class name NBAC_merged_1972_to_2025_20260513
 Feature type ⇔ Simple
 Geometry type ⇔ Polygon
 Has topology ⇔ FALSE
 Feature count ⇔ 52610
 Spatial index ⇔ TRUE
 Linear referencing ⇔ FALSE

Data Quality ►

Scope of quality information ►

Resource level dataset

Lineage ►

Lineage statement

NBAC v20260513

- changed field ADMIN_AREA to ADMIN_NAME, and field NAT_PARK to ADMIN_DIV
- added Parks Canada national historic sites and Department of National Defense military bases to ADMIN_NAME and ADMIN_DIV
- includes improved agency data from Alberta for years 2021 to 2024
- includes new mapped fires that were previously missed for years 1984 to 2024
- includes remapped agency polygons using MAFIMS for years 1984 to 2024

For NBAC v20240530:

- Includes changes from v20240228 and new fire perimeters from Parks Canada

For NBAC v20240228:

- extended the NBAC time series back to 1972
- added new fire perimeters mapped in northern Canada (see <https://doi.org/10.3390/rs16020230>)
- remapped perimeters derived by the HANDS data source with MAFIMS.
- integrated updated fire perimeters from Parks Canada (for years 1972 to 2021)
- significant changes to the attribute table:
 - replaced numeric codes with descriptive text for BASRC, FIREMAPS, FIREMAPM, FIRECAUS
 - reclassified FIRECAUS into 3 categories (Undetermined, Natural, Human)
 - renamed date fields to easily distinguish hotspot and agency dates
 - added a field for prescribed fires
 - added a separate field for national parks (NATPARKS) to query by park

August 10, 2021

version 20210810

- updated Parks Canada data for years 1986 to 2017 using CNFDB v20201005
- applied an adjusted area burned to Agency conventional perimeters for all years in ADH_HA (where ADJ_FLAG = 2)

September 21 2020

- updated MAFIMS fire polygons for nfireid's 1448, 1115, 1136 for year 1989 (version 20200921)
- corrected YT fire cause for years 1986 to 2003 (version 20200921)

July 03, 2020

2018 - AB agency updates ingested (version 20200703)

2015 - Replaced MAFIMS with updated PC agency data in WBNP (nfireid404,337,262,344,328,322,327,287,302,265,286,240,249,256,250,245,271,273), (version 20200703)

2004 - Corrected SDATE and EDATE hotspot dates (version 20200703)

November 29, 2019

1990, 1991, 1995, 1996, 1997, 2000, 2006, 2007 (version 20191129)

- C2C fire polygon nfireid 1 in year 1990 replaced with agency polygon
- C2C fire polygon nfireid 14 in year 1991 replaced with agency polygon
- C2C fire polygon nfireid 1108 in year 1995 replaced with agency polygon
- C2C fire polygon nfireid 182 in year 1996 replaced with agency polygon
- C2C fire polygon nfireid 462 in year 1997 replaced with agency polygon
- Agency fire polygon nfireid 1011 in year 2000 added
- C2C fire polygon nfireid 671 in year 2006 replaced with agency polygon
- C2C fire polygon nfireid 386 in year 2007 replaced with agency polygon

September 19, 2019

1986 - 2018 NBAC (version 20190919)

- C2C (BASRC 4) fire polygons added to years 1986 to 2013
- Ruleset 9 (r9) includes best-available polygons from MAFiMS, C2C, Agency, and HANDS
- Attribute modifications include: YEAR (new); BASRC (includes value 4); SDATE EDATE AFSDATE AFEDATE and CAPDATE (change datetime to date); POLY_HA (was TOTAREA); ADJ_HA (was UTOTAREA); ADJ_FLAG (was AREAMODT); AGENCY (new); VERSION (was NBACVERS); COMMENTS (was COMM); SALVAGE (removed); PB_HARV (removed); AREAMODA (removed); AREAMODB (removed); AREAMODV (removed); CDATE (removed, contained in version)
- NBAC burn polygons subdivided by provincial, territorial, and national parks boundaries
- New MAFiMS polygons for years 1986 to 2018

June 26, 2019

2018 NBAC (version 20190626_1020)

August 29, 2018

2003 NBAC (version 20180829_1112)

- Agency fire polygon nfireid 5 in year 2003 (location NWT) removed. Mapped with MAFiMS nfireid 3
- 1993 NBAC (version 20180829_1113)
- Agency fire polygon nfireid 255 in year 1993 (location Onatrio) changed to nfireid 248
- 1992 NBAC (version 20180829_1113)
- Agency fire polygon nfireid 204 in year 1992 (location Ontario) changed to nfireid 215
- 1991 NBAC (version 20180829_1113)
- Agency fire polygon nfireid 373 in year 1991 (location Ontario) changed to nfireid 383
- MAFiMS fire polygon nfireid 382 in year 1991 removed. Fire burned in 1990.
- 1990 NBAC (version 20180829_1114)
- Agency fire polygon nfireid 321 in year 1990 (location Ontario) changed to nfireid 342
- 1989 NBAC (version 20180829_1114)
- Agency fire polygon nfireid 1058 in year 1989 (location Sask) removed. Mapped with MAFiMS nfireid 917
- 1987 NBAC (version 20180829_1115)
- Agency fire polygon nfireid 378 in year 1987 (location Ontario) changed to nfireid 397

July 24, 2018

2017 NBAC (version 20180725_1603)

2016 NBAC (version 20180725_1602)

- Repair Geometry tool applied (reduced burned area by 33 ha from version 20180420_1321)
- 2015 NBAC (version 20180724_0843)
- Removed HANDS fire polygon nfireid 75 (No fire occurred at this location)
- 2012 NBAC (version 20180724_0849)
- Added Parks Canada fire polygon nfireid 106
- Replaced HANDS fire polygon nfireid 95 and 100 with Parks Canada fire polygons
- 2009 NBAC (version 20180724_0854)
- Added Parks Canada fire polygon nfireid 36 and 2365
- Replaced HANDS fire polygon nfireid 45 and 46 with Parks Canada fire polygons
- 2006 NBAC (version 20180724_0857)
- Added NWT fire polygon nfireid 64
- 2005 NBAC (version 20180724_0858)
- Added NWT fire polygon nfireid 1094
- 2004 NBAC (version 20180724_0859)
- Added NWT fire polygon nfireid 190
- Replaced HANDS fire polygon nfireid 150, 191, 194, and 171 with NWT fire polygons
- 1986-2003 NBAC (preliminary version 20180724)
- NFDB Provincial and Territorial Government and Parks Canada agency data
- HANDS source for 1995-2003 only
- MAFiMS source for NWT only, all years

April 24, 2018

2016 NBAC (version 20180420_1321)

- NFIREID 255 Agency aerial photography delineation replaces MAFiMS

January 8, 2018

2012 NBAC updates (new version is 20180103_0935)

- Updates to MAFiMS polygon NFIREID's 252, 1067, 256, 260, 253, 258, 304, 317, 332, 345, 340, 367

September 18, 2017

2015 NBAC (version 20170707_1448):

- 1 new fire event from HANDS mapped in Newfoundland and Labrador
- 16 fire events from MAFiMS remapped in Saskatchewan

July 12, 2017

2016 NBAC (version 20170707_1144):

- NFIREID 255 was created by integrating aerial photo delineated and MAFiMS polygons over the burned area. This fire event will be updated in NBAC upon receiving a revised burned area polygon from the Gov't of Alberta.

December 22, 2016

2004 to 2015 NBAC updates (version 10161128):

- Replaced Northwest Territories agency fires with Landsat data sources and the MAFiMS mapping method for years 2004 to 2013.
- Ingested all agency fire polygons less than 10 ha for years 2004 to current (see September 9, 2016 below).
- Replaced Quebec and Parks Canada agency data with updated fire polygons and attribution for years 2004 to 2014.
- Corrections to year of burn in the agency fire attribution where found (4 fire events in 2005 and 2010 from British Columbia, Alberta, Saskatchewan, Quebec).
- Removed duplicate polygons from agency data located over the same fire event where found (6 fire events in 2006, 2010, 2013, 2014 from Northwest Territories, British Columbia, Saskatchewan, Manitoba).
- Clipped agency polygon boundaries to correct year of burn (14 fire events in 2006, 2008, 2010 to 2015 from Yukon, British Columbia, Alberta, Saskatchewan, Manitoba).

September 9, 2016

2015 NBAC (version 20160914_1144):

- removed the 10 ha minimum size filter for agency burns

December 30, 2015
2014 NBAC updated (version 20151230_1002):
- 6 HANDS polygons < 250 ha were added that previously had been missed

December 1, 2015
2004 to 2014 NBAC updated (version 20151126):
- New Quebec data is added. Upon request, Quebec provided updated shapefiles with more accurate mapping method and data source. Polygons did not change.
- Changes to NWT crosswalk to NBAC attributes. Image delineation method was changed from 4 (other) to 2 (sketchmap).
- NFIREID 731 for 2013 was replaced with MAFIMS. This fire was previously mapped by Agency (Quebec) in NBAC.

Distribution ►

Distribution format
Version 1000
Name ⇌ Shapefile

Transfer options
Transfer size ⇌ 1789.024

Fields ►

Details for object NBAC_merged_1972_to_2025_20260513 ►

Type ⇌ Feature Class
Row count ⇌ 52610
Definition
None

Definition source
None

Field FID ►

Alias ⇌ FID
Data type ⇌ OID
Width ⇌ 4
Precision ⇌ 0
Scale ⇌ 0

Field description
Internal feature number

Description source ⇌
Esri

Description of values ⇌
Sequential unique whole numbers that are automatically generated.

Field Shape ►

Alias ⇌ Shape
Data type ⇌ Geometry
Width ⇌ 0
Precision ⇌ 0
Scale ⇌ 0

Field description
Feature geometry

Description source ⇌
Esri

Description of values ⇌
Coordinates defining the features.

Field YEAR ►

Alias ⇌ YEAR
Data type ⇌ Double
Width ⇌ 19
Precision ⇌ 0
Scale ⇌ 0

Field description
YEAR is the fire year.

Description source
None

Field NFIREID ►

Alias ⇌ NFIREID
Data type ⇌ Double
Width ⇌ 19

Precision ⇔ 0

Scale ⇔ 0

Field description

NFIREID is a uniquely assigned ID to each fire event over a spatial region and for a specific year. It is the common ID used to link a fire event crossing a provincial, territorial, or national park boundary for a specific year.

Description source

None

Field BASRC ►

Alias ⇔ BASRC

Data type ⇔ String

Width ⇔ 254

Precision ⇔ 0

Scale ⇔ 0

Field description

BASRC identifies the burned area product from a data provider.

Description source

None

List of values

Value MAFiMS

Description MAFiMS (Multi-Acquisition Fire Mapping System) is a burned area product created by the Canadian Forest Service of Natural Resources Canada.

<https://doi.org/10.1071/WF19201>

Enumerated domain value definition source None

Value C2C

Description C2C (Composite to Change) is a burned area product created by the Canadian Forest Service of Natural Resources Canada.

<https://doi.org/10.1016/j.rse.2017.03.035>

Enumerated domain value definition source None

Value TFMS

Description TFMS (Tundra Fire Mapping System) is a burned area product created by the Canadian Forest Service of Natural Resources Canada.

<https://doi.org/10.3390/rs16020230>

Enumerated domain value definition source None

Value Agency

Description Agency are burned area products created by the Provincial, Territorial, and Parks Canada fire management agencies.

Enumerated domain value definition source None

Field FIREMAPS ►

Alias ⇔ FIREMAPS

Data type ⇔ String

Width ⇔ 254

Precision ⇔ 0

Scale ⇔ 0

Field description

FIREMAPS describes the data source or platform used to identify the burn.

Description source

None

List of values

Value Undefined

Description Source of detection not defined

Enumerated domain value definition source None

Value Ground survey

Description Ground or field survey

Enumerated domain value definition source None

Value Aerial survey

Description Helicopter or fixed-wing aircraft

Enumerated domain value definition source None

Value Aerial photography

Description Digital or analogue aerial photographs

Enumerated domain value definition source None

Value Satellite hotspots

Description Point hotspot derived from satellite (MODIS, AVHRR, VIIRS-AF, VIIRS-I)

Enumerated domain value definition source None

Value Satellite undefined

Description Source of satellite undefined

Enumerated domain value definition source None

Value MODIS

Description Moderate Resolution Imaging Spectroradiometer (MODIS) satellite imagery

Enumerated domain value definition source None

Value Landsat

Description Landsat 5, 7, 8, or 9 satellite imagery (30m resolution)

Enumerated domain value definition source None

Value Landsat MSS

Description Landsat Multi-Spectral Scanner (60m resolution)

Enumerated domain value definition source None

Value Sentinel-2

Description Sentinel-2 satellite imagery

Enumerated domain value definition source None

Value Other sources

Description A defined source that is not part of the categories (ex. FireMapper)

Enumerated domain value definition source None

Value Drone (UAV)

Description Unmanned Aerial Vehicle, often referred to as a drone.

Enumerated domain value definition source None

Field FIREMAPM ►

Alias ⇔ FIREMAPM

Data type ⇔ String

Width ⇔ 254

Precision ⇔ 0

Scale ⇔ 0

Field description

FIREMAPM describes the method used to delineate the burn polygon.

Description source

None

List of values

Value Undefined

Description Method of burned area mapping not defined

Enumerated domain value definition source None

Value Manually delineated

Description Sketch mapping or manual (human) interpretation. May be manually delineated onto a map and subsequently digitized or digitized directly using a digital tablet or computer monitor

Enumerated domain value definition source None

Value Direct from GPS

Description Digitized from a Global Positioning System (GPS) unit

Enumerated domain value definition source None

Value Processed imagery

Description Digitized using automated remote sensing methods

Enumerated domain value definition source None

Value Buffered points

Description Digitized by buffering a fire location

Enumerated domain value definition source None

Field FIRECAUS ►

Alias ⇔ FIRECAUS

Data type ⇔ String

Width ⇔ 254

Precision ⇔ 0

Scale ⇔ 0

Field description

FIRECAUS describes the ignition source of the fire recorded by the agency.

Description source

None

List of values

Value Undetermined

Description Ignition source undetermined.

Enumerated domain value definition source None

Value Natural

Description Ignition source by natural cause. Most often lightning.

Enumerated domain value definition source None

Value Human

Description Ignition source by human cause. Examples include non-industrial activity, industrial activity, prescribed burn, arson, and miscellaneous activity.

Enumerated domain value definition source None

Field HS_SDATE ►

Alias ⇔ HS_SDATE
 Data type ⇔ Date
 Width ⇔ 8
 Precision ⇔ 0
 Scale ⇔ 0

Field description

HS_SDATE is the date of the first detected hotspot within the spatial extent of the fire event. Null if no hotspots were detected. AVHRR hotspots are used from 1989 to 2000. MODIS hotspots are from 2001 to current.

Description source

None

Field HS_EDATE ►

Alias ⇔ HS_EDATE
 Data type ⇔ Date
 Width ⇔ 8
 Precision ⇔ 0
 Scale ⇔ 0

Field description

HS_EDATE is the date of the last detected hotspot within the spatial extent of the fire event. Null if no hotspots were detected. AVHRR hotspots are used from 1989 to 2000. MODIS hotspots are from 2001 to current.

Description source

None

Field AG_SDATE ►

Alias ⇔ AG_SDATE
 Data type ⇔ Date
 Width ⇔ 8
 Precision ⇔ 0
 Scale ⇔ 0

Field description

AG_SDATE is the fire start date reported by the agency. The date could also represent the recorded date or detection date of the fire by the agency. Where different dates are recorded by agencies for cross-border fires, NBAC uses the earliest date. Null if agency date was not provided.

Description source

None

Field AG_EDATE ►

Alias ⇔ AG_EDATE
 Data type ⇔ Date
 Width ⇔ 8
 Precision ⇔ 0
 Scale ⇔ 0

Field description

AG_EDATE is the fire end date reported by the agency. Where different dates are recorded by agencies for cross-border fires, NBAC uses the last date. Null if agency date was not provided.

Description source

None

Field CAPDATE ►

Alias ⇔ CAPDATE
 Data type ⇔ Date
 Width ⇔ 8
 Precision ⇔ 0
 Scale ⇔ 0

Field description

CAPDATE is the acquisition date of the source data. Examples include date of GPS acquisition, air photo acquisition, and satellite image. Null if not provided.

Description source

None

Field POLY_HA ►

Alias ⇔ POLY_HA
 Data type ⇔ Double
 Width ⇔ 19
 Precision ⇔ 0
 Scale ⇔ 0

Field description

POLY_HA is the total area calculated in hectares using the Canada Albers Equal Area Conic projection.

Description source
None

Field ADJ_HA ►

Alias ↔ ADJ_HA
Data type ↔ Double
Width ↔ 19
Precision ↔ 0
Scale ↔ 0

Field description
ADJ_HA is an adjusted area burn calculated in hectares. Area burned adjustment models are described in <https://doi.org/10.1088/1748-9326/abfb2c>.

Description source
None

Field ADJ_FLAG ►

Alias ↔ ADJ_FLAG
Data type ↔ String
Width ↔ 254
Precision ↔ 0
Scale ↔ 0

Field description
ADJ_FLAG identifies adjusted area calculations.

Description source
None

List of values
Value true
Description True is when an adjustment area model is applied.
Enumerated domain value definition source None

Field ADMIN_NAME ►

Alias ↔ ADMIN_NAME
Data type ↔ String
Width ↔ 254
Precision ↔ 0
Scale ↔ 0

Field description
ADMIN_NAME is the location (Province, Territory, Parks Canada, or Department of National Defense) where the fire perimeter is mapped.

Description source
None

List of values
Value AB
Description Alberta
Enumerated domain value definition source None

Value BC
Description British Columbia
Enumerated domain value definition source None

Value MB
Description Manitoba
Enumerated domain value definition source None

Value NB
Description New Brunswick
Enumerated domain value definition source None

Value NL
Description Newfoundland and Labrador
Enumerated domain value definition source None

Value NS
Description Nova Scotia
Enumerated domain value definition source None

Value NT
Description Northwest Territories
Enumerated domain value definition source None

Value NU
Description Nunavut
Enumerated domain value definition source None

Value ON
Description Ontario
Enumerated domain value definition source None

Value PC
Description Parks Canada
Enumerated domain value definition source None

Value PE
Description Prince Edward Island
Enumerated domain value definition source None

Value QC
Description Quebec
Enumerated domain value definition source None

Value SK
Description Saskatchewan
Enumerated domain value definition source None

Value YT
Description Yukon Territory
Enumerated domain value definition source None

Value DND
Description Department of National Defense
Enumerated domain value definition source None

Field ADMIN_DIV ►

Alias ↔ ADMIN_DIV
Data type ↔ String
Width ↔ 254
Precision ↔ 0
Scale ↔ 0

Field description
ADMIN_DIV is the name of the national park or historical site of Parks Canada, or military base of the Department of National Defense, of where the fire perimeter is mapped.

Description source
None

List of values

Value MM
Description Mealy Mountains National Park Reserve of Canada
Enumerated domain value definition source None

Value AL
Description Aulavik National Park of Canada
Enumerated domain value definition source None

Value AY
Description Auyuittuq National Park of Canada
Enumerated domain value definition source None

Value BA
Description Banff National Park of Canada
Enumerated domain value definition source None

Value BP
Description Bruce Peninsula National Park of Canada
Enumerated domain value definition source None

Value CB
Description Cape Breton Highlands National Park of Canada
Enumerated domain value definition source None

Value EI
Description Elk Island National Park of Canada
Enumerated domain value definition source None

Value FO
Description Forillon National Park of Canada
Enumerated domain value definition source None

Value FU
Description Fundy National Park of Canada
Enumerated domain value definition source None

Value GB
Description Georgian Bay Islands National Park of Canada
Enumerated domain value definition source None

Value GL
Description Glacier National Park of Canada
Enumerated domain value definition source None

Value GR
Description Grasslands National Park of Canada
Enumerated domain value definition source None

Value GM
Description Gros Morne National Park of Canada
Enumerated domain value definition source None

Value GF
Description Gulf Islands National Park Reserve of Canada
Enumerated domain value definition source None

Value IV
Description Ivvavik National Park of Canada
Enumerated domain value definition source None

Value JA
Description Jasper National Park of Canada
Enumerated domain value definition source None

Value KE
Description Kejimikujik National Park and National Historic Site of Canada
Enumerated domain value definition source None

Value KL
Description Kluane National Park Reserve of Canada
Enumerated domain value definition source None

Value KO
Description Kootenay National Park of Canada
Enumerated domain value definition source None

Value KG
Description Kouchibouguac National Park of Canada
Enumerated domain value definition source None

Value LM
Description La Mauricie National Park of Canada
Enumerated domain value definition source None

Value MI
Description Mingan Archipelago National Park Reserve of Canada
Enumerated domain value definition source None

Value RE
Description Mount Revelstoke National Park of Canada
Enumerated domain value definition source None

Value NA
Description Nahanni National Park Reserve of Canada
Enumerated domain value definition source None

Value PR
Description Pacific Rim National Park Reserve of Canada
Enumerated domain value definition source None

Value PP
Description Point Pelee National Park of Canada
Enumerated domain value definition source None

Value PA
Description Prince Albert National Park of Canada
Enumerated domain value definition source None

Value PE
Description Prince Edward Island National Park of Canada
Enumerated domain value definition source None

Value PU
Description Pukaskwa National Park of Canada
Enumerated domain value definition source None

Value QU
Description Quttinirpaaq National Park of Canada
Enumerated domain value definition source None

Value RM
Description Riding Mountain National Park of Canada
Enumerated domain value definition source None

Value SI
Description Sirmilik National Park of Canada
Enumerated domain value definition source None

Value TN

Description Terra Nova National Park of Canada
Enumerated domain value definition source None

Value TI
Description Thousand Islands National Park of Canada
Enumerated domain value definition source None

Value TM
Description Torngat Mountains National Park Reserve of Canada
Enumerated domain value definition source None

Value TU
Description Tuktot Nogait National Park of Canada
Enumerated domain value definition source None

Value UK
Description Ukkusiksalik National Park of Canada
Enumerated domain value definition source None

Value VU
Description Vuntut National Park of Canada
Enumerated domain value definition source None

Value WP
Description Wapusk National Park of Canada
Enumerated domain value definition source None

Value WL
Description Waterton Lakes National Park of Canada
Enumerated domain value definition source None

Value WB
Description Wood Buffalo National Park of Canada
Enumerated domain value definition source None

Value YO
Description Yoho National Park of Canada
Enumerated domain value definition source None

Value TH
Description Thaidene Nene National Park Reserve of Canada
Enumerated domain value definition source None

Value GH
Description Gwaii Haanas National Park Reserve and Haida Heritage Site
Enumerated domain value definition source None

Value SE
Description Saoyú-Tehdacho National Historic Site of Canada
Enumerated domain value definition source None

Value NI
Description Navy Island National Historic Site of Canada
Enumerated domain value definition source None

Value GI
Description Grosse Île and the Irish Memorial National Historic Site of Canada
Enumerated domain value definition source None

Value LO
Description Fortress of Louisbourg National Historic Site of Canada
Enumerated domain value definition source None

Value LE
Description Fort Lennox National Historic Site of Canada
Enumerated domain value definition source None

Value GE
Description Fort George National Historic Site (Paradise Grove)
Enumerated domain value definition source None

Value BI
Description Boishébert National Historic Site of Canada
Enumerated domain value definition source None

Value WW
Description CFB Wainwright
Enumerated domain value definition source None

Value VA
Description CFB Valcartier
Enumerated domain value definition source None

Value SF
Description CFB Suffield
Enumerated domain value definition source None

- Value

PW
- Description

CFB Petawawa
- Enumerated domain value definition source

None
- Value

GB
- Description

CFB Goose Bay
- Enumerated domain value definition source

None
- Value

GT
- Description

CFB Gagetown
- Enumerated domain value definition source

None
- Value

ED
- Description

CFB Edmonton
- Enumerated domain value definition source

None
- Value

DD
- Description

CFB Dundurn
- Enumerated domain value definition source

None
- Value

CL
- Description

CFB Cold Lake
- Enumerated domain value definition source

None
- Value

BO
- Description

CFB Borden
- Enumerated domain value definition source

None

Field PRESCRIBED ▶

- Alias

↔ PRESCRIBED
- Data type

↔ String
- Width

↔ 254
- Precision

↔ 0
- Scale

↔ 0
- Field description

PRESCRIBED identifies a prescribed fire as reported by the agency.
- Description source

None
- List of values

Value

true

Description

True is when a prescribed fire is reported by the agency

Enumerated domain value definition source

None

Field VERSION ▶

- Alias

↔ VERSION
- Data type

↔ String
- Width

↔ 254
- Precision

↔ 0
- Scale

↔ 0
- Field description

VERSION identifies the annual dataset version.
- Description source

None

Field GID ▶

- Alias

↔ GID
- Data type

↔ String
- Width

↔ 254
- Precision

↔ 0
- Scale

↔ 0
- Field description

GID is a Global Identifier that concatenates the fire year and NFIREID. This identifier is useful for selecting unique fire records merged by year.
- Description source

None

Metadata Details ▶

- Metadata language

↔ English (CANADA)
- Metadata character set

utf8 - 8 bit UCS Transfer Format
- Metadata identifier

89F989F9-48CE-429B-B4F1-3718CE4BAFDC
- Scope of the data described by the metadata

↔ dataset

Scope name ⇌ dataset

Last update ⇌ 2026-05-15

ArcGIS metadata properties

Metadata format ArcGIS 1.0

Standard or profile used to edit metadata NAP

Created in ArcGIS for the item 2024-10-16 17:15:38

Last modified in ArcGIS for the item 2026-05-15 10:24:46

Automatic updates

Have been performed Yes

Last update 2026-05-14 13:44:20

Metadata Contacts ▶

Metadata contact - point of contact

Individual's name Rob Skakun

Organization's name Government of Canada; Natural Resources Canada; Canadian Forest Service; Northern Forestry Centre; Canadian Wildland Fire Information System (CWFIS) Group

Contact information ▶

Address

Delivery point 5320 122 Street

City Edmonton

Administrative area Alberta

Postal code T6H 3S5

Country CA

e-mail address Rob.Skakun@canada.ca

Metadata Maintenance ▶

Maintenance

Update frequency as needed