

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 2004 for annual estimates of carbon emissions. A rule-based decision process is used to select the best burned area representation from a number of available data sources. // La CNSB est un outil de cartographie nationale et géospatiale des superficies brûlées compilé chaque année depuis 2004 afin d'en calculer annuellement les émissions de carbone. Un processus décisionnel axé sur les règles permet de sélectionner les meilleures sources 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 (<http://www.nrcan.gc.ca/earth-sciences/geomatics/satellite-imagery-air-photos/applications-development/10822>) (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 (<http://www.nrcan.gc.ca/forests/fire/13143>), forest carbon accounting (<http://www.nrcan.gc.ca/forests/climate-change/13087>) and remote sensing.

NBAC is a national product compiled annually since 2004 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 <http://www.nrcan.gc.ca/forests/fire/13159> and carbon accounting - disturbance monitoring website (<http://www.nrcan.gc.ca/forests/climate-change/13109>) 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. Not all fires are mapped and in areas where there was not a lot of fire activity to warrant satellite image mapping, agency data is used.

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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 (<http://www.nrcan.gc.ca/sciences-terre/geomatique/imagerie-satellitaire-photos-aeriennes/developpement-applications/10972>) (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 (<http://www.rncan.gc.ca/forets/feux/13144>), de comptabilisation du carbone forestier (<http://www.rncan.gc.ca/forets/changements-climatiques/13088>) et de télédétection.

CNSB est un produit national compilé annuellement depuis 2004 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 (<http://www.rncan.gc.ca/forets/feux/13160>) et la comptabilisation du carbone forestier - surveillance des perturbations (<http://www.rncan.gc.ca/forets/changements-climatiques/13110>).

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. Tous les incendies ne sont pas cartographiés; dans les régions où il n'y a pas eu beaucoup d'incendies pour justifier le recours à la cartographie par imagerie satellitaire, les données fournies par les organismes ont été utilisées.

Credits

There are no credits for this item.

Use limitations

There are no access and use limitations for this item.

Extent

West -145.652018 **East** -38.229549
North 72.471877 **South** 40.492735

Scale Range

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

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE boundaries, environment, biota

* CONTENT TYPE Downloadable Data

PLACE KEYWORDS Canada

THEME KEYWORDS wildland fires

THEME KEYWORDS wildfires

THEME KEYWORDS forest fires

THEME KEYWORDS burned area

THEME KEYWORDS fire history

THEME KEYWORDS satellite remote sensing

THEME KEYWORDS natural disturbance

THEME KEYWORDS feux de forêt

THESAURUS'S LANGUAGE French (CANADA)

THEME KEYWORDS incendies de forêt

THESAURUS'S LANGUAGE French (CANADA)

THEME KEYWORDS superficie brûlée

THESAURUS'S LANGUAGE French (CANADA)

THEME KEYWORDS historique des feux

THESAURUS'S LANGUAGE French (CANADA)

THEME KEYWORDS télédétection satellitaire

THESAURUS'S LANGUAGE French (CANADA)

THEME KEYWORDS perturbation naturelle

THESAURUS'S LANGUAGE French (CANADA)

[Hide Topics and Keywords ▲](#)

Citation ►

* TITLE nbac_2016_r2_20170707_1114

CREATION DATE 2017-07-07 11:14:00

PRESENTATION FORMATS * digital map

FGDC GEOSPATIAL PRESENTATION FORMAT map

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

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'S ROLE point of contact

[Hide Citation Contacts ▲](#)

Resource Details ►

DATASET LANGUAGES * English (CANADA)

DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS on-going

SPATIAL REPRESENTATION TYPE * vector

GRAPHIC OVERVIEW

FILE NAME <http://www.nrcan.gc.ca/sites/www.nrcan.gc.ca/files/forest/canada-nbac-800-en.png>

FILE DESCRIPTION Burned areas mapped annually from NBAC

FILE TYPE PNG

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.2.3552

ARCGIS ITEM PROPERTIES

* NAME nbac_2016_r2_20170707_1114

* SIZE 20.663

* LOCATION file:///S:/EDM-Berg/WorkGroups/EDM/MAFiMS/datamarts/common/burnarea/nbac/NIR_2018\nbac_2016_r2_20170707_1114.shp

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

TEMPORAL EXTENT

BEGINNING DATE 2016-01-01 00:00:00
ENDING DATE 2016-12-31 23:59:59

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching
* WEST LONGITUDE -145.652018
* EAST LONGITUDE -38.229549
* NORTH LATITUDE 72.471877
* SOUTH LATITUDE 40.492735
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -2144328.381804
* EAST LONGITUDE 2603529.928108
* SOUTH LATITUDE -324039.156754
* NORTH LATITUDE 2556260.363378
* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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USE CONSTRAINTS copyright

LEGAL CONSTRAINTS

LIMITATIONS OF USE

Open Government Licence - Canada (<http://data.gc.ca/eng/open-government-licence-canada>)

Licence du gouvernement ouvert - Canada (<http://donnees.gc.ca/fra/licence-du-gouvernement-ouvert-canada>)

ACCESS CONSTRAINTS license

USE CONSTRAINTS license

[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

* TYPE Projected
* GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
* PROJECTION Canada_Lambert_Conformal_Conic
* COORDINATE REFERENCE DETAILS
PROJECTED COORDINATE SYSTEM
X ORIGIN -34655800
Y ORIGIN -30001600
XY SCALE 129952262.74881823
Z ORIGIN -100000
Z SCALE 10000

M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 0.001
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true
WELL-KNOWN TEXT PROJCS["Canada_Lambert_Conformal_Conic",GEOGCS
["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID
["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT
["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER
["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-
95.0],PARAMETER["Standard_Parallel_1",49.0],PARAMETER["Standard_Parallel_2",77.0],PARAMETER
["Latitude_Of_Origin",49.0],UNIT["Meter",1.0]]

REFERENCE SYSTEM IDENTIFIER

DIMENSION horizontal
VALUE EPSG::3978
CODESPACE <http://www.epsg-registry.org>
VERSION 8.4

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME nbac_2016_r2_20170707_1114
* OBJECT TYPE composite
* OBJECT COUNT 985

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME nbac_2016_r2_20170707_1114
* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE
* FEATURE COUNT 985
* SPATIAL INDEX FALSE
* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Lineage ►

LINEAGE STATEMENT

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 20161128):

- 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).
- "Restricted" legal access and use constraints removed.

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 VGT (coarse-resolution) 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.

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTION FORMAT

VERSION 1000

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 20.663

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT nbac_2016_r2_20170707_1114 ►

* TYPE Feature Class

* ROW COUNT 985

DEFINITION

A homogeneous collection of common features having the same spatial representation, such as points, lines, or polygons, and a common set of attribute columns.

DEFINITION SOURCE

Esri

FIELD FID ►

* ALIAS FID

* DATA TYPE OID

* WIDTH 4

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Feature IDentifier (generated by ESRI). Internal feature number.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

Hide Field FID ▲

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.

Hide Field Shape ▲

FIELD NFIREID ►

* ALIAS NFIREID

* DATA TYPE Double

* WIDTH 11

* PRECISION 11

* SCALE 0

FIELD DESCRIPTION

National Fire IDentifier is uniquely assigned to each "fire event" over a spatial region and for a specific year. It is the common ID used to link multi-source fire polygons over the same fire event.

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

Hide Field NFIREID ▲

FIELD BASRC ►

* ALIAS BASRC

* DATA TYPE Double

* WIDTH 11

* PRECISION 11

* SCALE 0

FIELD DESCRIPTION

Burned Area SouRCe identifies the data provider

DESCRIPTION SOURCE

None

LIST OF VALUES

VALUE 0

DESCRIPTION Data source not defined

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 1

DESCRIPTION NRCan - CFS/CCRS fine spatial resolution derived products from SAFiMS or MAFiMS software.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 2

DESCRIPTION NRCan - CCRS coarse spatial resolution derived products from HANDS algorithm.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 3

DESCRIPTION Fire agency (provincial, territorial, Parks Canada)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 4

DESCRIPTION Medium spatial resolution derived products.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

Hide Field BASRC ▲

FIELD FIREMAPS ►

* ALIAS FIREMAPS

* DATA TYPE Double

* WIDTH 11

* PRECISION 11

* SCALE 0

FIELD DESCRIPTION

FIRE MAP data Source describes the means used to identify the burn

DESCRIPTION SOURCE

None

LIST OF VALUES

VALUE 0

DESCRIPTION Undefined: Source of detection not defined

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 1

DESCRIPTION Other: Other sources, could also be field or airborne if information not provided

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 2

DESCRIPTION Field survey: Burn delineation from field survey

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 3

DESCRIPTION Airborne platform: Airborne platform from helicopter or fixed-wing aircraft

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 4

DESCRIPTION Aerial photograph: Digital or analogue aerial photographs

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 5

DESCRIPTION Satellite hotspots: Fire mapped from hotspots using Moderate Resolution Imaging Spectroradiometer (MODIS), Advanced Very High Resolution Radiometer (AVHRR), Along Track Scanning Radiometer (ATS), or other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 6

DESCRIPTION Satellite Imagery - other: Fire mapped from Advanced Wide Field Sensor (AWiFS), Disaster Monitoring Constellation (DMC), or any other imagery not explicitly coded to another value
ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 7

DESCRIPTION Satellite Imagery - SPOT VGT: Fire mapped from pre and post-burn SPOT VEGETATION (VGT) imagery, at 1000 metre spatial resolution
ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 8

DESCRIPTION Satellite Imagery - MODIS: Fire mapped from Moderate Resolution Imaging Spectroradiometer (MODIS) imagery, at 250 or 500m spatial resolution
ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 9

DESCRIPTION Satellite Imagery - Landsat : Fire mapped from Landsat 5, 7, or 8 imagery, single post-burn or pre and post-burn imagery
ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 10

DESCRIPTION Satellite Imagery - Sentinel-2: Fire mapped using Sentinel-2 imagery
ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 11

DESCRIPTION Satellite Imagery - Proba-V: Fire mapped using Proba-V imagery
ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

Hide Field FIREMAPS ▲

FIELD FIREMAPM ►

- * ALIAS FIREMAPM
- * DATA TYPE Double
- * WIDTH 11
- * PRECISION 11
- * SCALE 0

FIELD DESCRIPTION

FIRE MAPPING Method is how the data was captured

DESCRIPTION SOURCE

None

LIST OF VALUES

VALUE 0

DESCRIPTION Undefined: Method of burned area mapping not defined
ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 1

DESCRIPTION Other: Other methods
ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 2

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 3

DESCRIPTION GPS: Digitized from a Global Positioning System (GPS) unit
ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 4

DESCRIPTION Processed - other remote sensing methods: Digitized using other automated remote sensing methods (eg. burn severity threshold)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 5

DESCRIPTION Processed - buffered points: Digitized by buffering a fire location

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 6

DESCRIPTION Processed - RS HANDS: Digitized using remote sensing Hotspot and NDVI Differencing Synergy (HANDS)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 7

DESCRIPTION Processed - RS SAFiMS or MAFiMS: Digitized using remote sensing Single Acquisition Fire Mapping System (SAFiMS) or Multi Acquisition Fire Mapping System (MAFiMS)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

[Hide Field FIREMAPM ▲](#)

FIELD FIRECAUS ►

* ALIAS FIRECAUS

* DATA TYPE Double

* WIDTH 11

* PRECISION 11

* SCALE 0

FIELD DESCRIPTION

Agency Fire CAUSE when available. The cause of the fire recorded by the agency.

DESCRIPTION SOURCE

None

LIST OF VALUES

VALUE 0

DESCRIPTION Undefined: Cause of fire unavailable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 1

DESCRIPTION Other: Other causes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 2

DESCRIPTION Lightning: Lightning

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 3

DESCRIPTION Industry Eg. forestry, oil and gas, rail, agriculture, prescribed burn, or other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 4

DESCRIPTION Human: Non-industrial human activity, eg. recreational (campfire, ATV, etc), arson, or other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

[Hide Field FIRECAUS ▲](#)

FIELD BURNCLAS ►

* ALIAS BURNCLAS

* DATA TYPE Double

* WIDTH 11

* PRECISION 11

* SCALE 0

FIELD DESCRIPTION

BURN CLASs provided by agency fire data (to date, only provided by Alberta). Where partial burn is not provided, it is assumed to be full burn.

DESCRIPTION SOURCE

None

LIST OF VALUES

VALUE 1

DESCRIPTION Partially burned area: 1% - 25% burned as proportion of polygon estimated to have burned

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 2

DESCRIPTION Partially burned area: 26% - 50% burned as proportion of polygon estimated to have burned

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 3

DESCRIPTION Partially burned area: 51% - 75% burned as proportion of polygon estimated to have burned

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 4

DESCRIPTION Fully burned area: 76% - 100% burned

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

Hide Field BURNCLAS ▲

FIELD COMM ►

* ALIAS COMM

* DATA TYPE String

* WIDTH 254

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

COMMENTS during processing. Where the burn area source is agency (ie. BASRC = 3), other agency information is captured under this field as field:value.

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

free text

Hide Field COMM ▲

FIELD CDATE ►

* ALIAS CDATE

* DATA TYPE String

* WIDTH 29

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Creation DATE/time of the shapefile (GMT) (YYYY-MM-DD HH:MM:SS)

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

YYYY-MM-DD HH:MM:SS

Hide Field CDATE ▲

FIELD SDATE ►

- * ALIAS SDATE
- * DATA TYPE String
- * WIDTH 29
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Start DATE/time according to the first detected hotspots within the spatial extent of the NFIREID region (any satellite sources). If no hotspots were detected it is January 1 of the fire year, eg. 2004-01-01 00:00:00.

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

YYYY-MM-DD HH:MM:SS

Hide Field SDATE ▲

FIELD EDATE ►

- * ALIAS EDATE
- * DATA TYPE String
- * WIDTH 29
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

End DATE/time of the last detected hotspots within the spatial extent of the national fire ID region (any satellite sources). If no hotspots were detected it is January 1 of the fire year, eg. 2004-01-01 00:00:00.

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

YYYY-MM-DD HH:MM:SS

Hide Field EDATE ▲

FIELD AFSDATE ►

- * ALIAS AFSDATE
- * DATA TYPE String
- * WIDTH 29
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Agency Fire Start DATE is the start date reported by the agency. If agency date was not provided it is January 1 of the fire year, eg. 2004-01-01 00:00:00.

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

YYYY-MM-DD HH:MM:SS

Hide Field AFSDATE ▲

FIELD AFEDATE ►

- * ALIAS AFEDATE

- * DATA TYPE String
- * WIDTH 29
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Agency Fire End DATE is the end date of the fire reported by the agency. If agency date was not provided it is January 1 of the fire year, eg. 2004-01-01 00:00:00.

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

YYYY-MM-DD HH:MM:SS

Hide Field AFEDATE ▲

FIELD CAPDATE ►

- * ALIAS CAPDATE
- * DATA TYPE String
- * WIDTH 29
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Capture DATE of source data. Examples include date of GPS acquisition, air photo acquisition, Landsat image for mapping. This field links to the National Forest Inventory INFO_DATE

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

YYYY-MM-DD HH:MM:SS

Hide Field CAPDATE ▲

FIELD BT_GID ►

- * ALIAS BT_GID
- * DATA TYPE Double
- * WIDTH 11
- * PRECISION 11
- * SCALE 0

FIELD DESCRIPTION

Business Table Identifier, internal use

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

Hide Field BT_GID ▲

FIELD SALVAGE ►

- * ALIAS SALVAGE
- * DATA TYPE Double
- * WIDTH 11
- * PRECISION 11
- * SCALE 0

FIELD DESCRIPTION

SALVAGE logging flag based on visual inspection of post-burn Landsat used in MAFiMS.

DESCRIPTION SOURCE

None

LIST OF VALUES

VALUE 0

DESCRIPTION Not evaluated

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 1

DESCRIPTION False

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 2

DESCRIPTION True

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

Hide Field SALVAGE ▲

FIELD PB_HARV ►

* ALIAS PB_HARV

* DATA TYPE Double

* WIDTH 11

* PRECISION 11

* SCALE 0

FIELD DESCRIPTION

Pre-Burn HARVesting flag based on visual inspection of post-burn Landsat used in MAFiMS.

0=Not evaluated, 1=False, and 2=True.

DESCRIPTION SOURCE

None

LIST OF VALUES

VALUE 0

DESCRIPTION Not evaluated

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 1

DESCRIPTION False

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 2

DESCRIPTION True

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

Hide Field PB_HARV ▲

FIELD UTOTAREA ►

* ALIAS UTOTAREA

* DATA TYPE Double

* WIDTH 32

* PRECISION 31

* SCALE 10

FIELD DESCRIPTION

TOTAL AREA that has been adjusted with application of a non-parametric linear Theil Sen regression function when a coarse resolution burned area has been generated (BASRC=2). The field is expressed in hectares and computed using the Canada Albers Equal Area Conic projection.

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

Positive real numbers.

Hide Field UTOTAREA ▲

FIELD NBACVERS ►

- * ALIAS NBACVERS
- * DATA TYPE String
- * WIDTH 30
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

NBAC version.

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

Format: NNNN_rX_YYYYMMDD_HHMM where NNNN: year of the processed fire season; rX: NBAC rule set used to generate the shapefile; YYYYMMDD_HHMM: the file creation timestamp (year, month, day, hour and minute).

Hide Field NBACVERS ▲

FIELD TOTAREA ►

- * ALIAS TOTAREA
- * DATA TYPE Double
- * WIDTH 32
- * PRECISION 31
- * SCALE 10

FIELD DESCRIPTION

TOTAl AREA is calculated in hectares using the Canada Albers Equal Area Conic projection.

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

Positive real numbers.

Hide Field TOTAREA ▲

FIELD AREAMODA ►

- * ALIAS AREAMODA
- * DATA TYPE Double
- * WIDTH 32
- * PRECISION 31
- * SCALE 10

FIELD DESCRIPTION

AREA MODEL "A" is the slope of the non-parametric linear Theil Sen regression function used to calibrate the coarse resolution burned area to a more representative burned area. A value of 1 is used when the BASRC (Burned Area SouRCe) is Landsat or Fire Agency as these burned area data sources do not require calibration.

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

Positive real numbers.

[Hide Field AREAMODA ▲](#)

FIELD **AREAMODB** ►

- * ALIAS AREAMODB
- * DATA TYPE Double
- * WIDTH 32
- * PRECISION 31
- * SCALE 10

FIELD DESCRIPTION

AREA MODEL "B" is the y-intercept of the non-parametric linear Theil Sen regression function used to calibrate the coarse resolution burned area to a more representative burned area. A value of 0 is used when the BASRC (Burned Area SouRCe) is Landsat or Fire Agency as these burned area data sources do not require calibration.

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

Positive real numbers.

[Hide Field AREAMODB ▲](#)

FIELD **AREAMODT** ►

- * ALIAS AREAMODT
- * DATA TYPE Double
- * WIDTH 11
- * PRECISION 11
- * SCALE 0

FIELD DESCRIPTION

AREA MODEL Type is a flag field of value 0 or 1 depending on whether the non-parametric linear Theil Sen regression function was applied to calculate UTOTAREA.

DESCRIPTION SOURCE

None

LIST OF VALUES

VALUE 0

DESCRIPTION no model has been applied to calculate UTOTAREA

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

VALUE 1

DESCRIPTION a model has been applied to calculate UTOTAREA

ENUMERATED DOMAIN VALUE DEFINITION SOURCE None

[Hide Field AREAMODT ▲](#)

FIELD **AREAMODV** ►

- * ALIAS AREAMODV
- * DATA TYPE Double
- * WIDTH 32
- * PRECISION 31
- * SCALE 10

FIELD DESCRIPTION

AREA MODEL Version is the year of the fire season the model was developed.

DESCRIPTION SOURCE

None

DESCRIPTION OF VALUES

Four digit whole numbers: YYYY

[Hide Field AREAMODV ▲](#)

[Hide Details for object nbac_2016_r2_20170707_1114 ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

* METADATA LANGUAGE English (CANADA)
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER E28DB39B-A2EE-4DEB-BBBF-B75733DE7E92
FUNCTION OF THE RESOURCE information

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset
SCOPE NAME * dataset

* LAST UPDATE 2017-09-18

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
METADATA STYLE North American Profile of ISO19115 2003
STANDARD OR PROFILE USED TO EDIT METADATA NAP

CREATED IN ARCGIS FOR THE ITEM 2017-09-18 15:01:03
LAST MODIFIED IN ARCGIS FOR THE ITEM 2017-09-18 15:02:18

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2017-09-18 15:01:09

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA 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'S ROLE editor

[Hide Metadata Contacts ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL
THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ►

Entities and Attributes ►

DETAILED DESCRIPTION

ENTITY TYPE

ENTITY TYPE LABEL nbac_2016_r2_20170707_1114

ENTITY TYPE DEFINITION

A homogeneous collection of common features having the same spatial representation, such as points, lines, or polygons, and a common set of attribute columns.

ENTITY TYPE DEFINITION SOURCE Esri

ATTRIBUTE

ATTRIBUTE LABEL FID

ATTRIBUTE DEFINITION

Feature IDentifier (generated by ESRI). Internal feature number.

ATTRIBUTE DEFINITION SOURCE Esri

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Sequential unique whole numbers that are automatically generated.

ATTRIBUTE

ATTRIBUTE LABEL Shape

ATTRIBUTE DEFINITION

Feature geometry.

ATTRIBUTE DEFINITION SOURCE Esri

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Coordinates defining the features.

ATTRIBUTE

ATTRIBUTE LABEL NFIREID

ATTRIBUTE DEFINITION

National Fire IDentifier is uniquely assigned to each "fire event" over a spatial region and for a specific year. It is the common ID used to link multi-source fire polygons over the same fire event.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Sequential unique whole numbers that are automatically generated.

ATTRIBUTE

ATTRIBUTE LABEL BASRC

ATTRIBUTE DEFINITION

Burned Area SouRCe identifies the data provider

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

Data source not defined

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

NRCAN - CFS/CCRS fine spatial resolution derived products from SAFiMS or MAFiMS software.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

NRCAN - CCRS coarse spatial resolution derived products from HANDS algorithm.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Fire agency (provincial, territorial, Parks Canada)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 4
ENUMERATED DOMAIN VALUE DEFINITION
Medium spatial resolution derived products.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
None

ATTRIBUTE

ATTRIBUTE LABEL FIREMAPS

ATTRIBUTE DEFINITION

FIRE MAP data Source describes the means used to identify the burn

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

Undefined: Source of detection not defined

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

Other: Other sources, could also be field or airborne if information not provided

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Field survey: Burn delineation from field survey

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Airborne platform: Airborne platform from helicopter or fixed-wing aircraft

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 4

ENUMERATED DOMAIN VALUE DEFINITION

Aerial photograph: Digital or analogue aerial photographs

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

Satellite hotspots: Fire mapped from hotspots using Moderate Resolution Imaging

Spectroradiometer (MODIS), Advanced Very High Resolution Radiometer (AVHRR), Along Track

Scanning Radiometer (ATS), or other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 6

ENUMERATED DOMAIN VALUE DEFINITION

Satellite Imagery - other: Fire mapped from Advanced Wide Field Sensor (AWiFS), Disaster

Monitoring Constellation (DMC), or any other imagery not explicitly coded to another value

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 7

ENUMERATED DOMAIN VALUE DEFINITION

Satellite Imagery - SPOT VGT: Fire mapped from pre and post-burn SPOT VEGETATION (VGT)

imagery, at 1000 metre spatial resolution

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 8
ENUMERATED DOMAIN VALUE DEFINITION
Satellite Imagery - MODIS: Fire mapped from Moderate Resolution Imaging Spectroradiometer (MODIS) imagery, at 250 or 500m spatial resolution
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
None

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 9
ENUMERATED DOMAIN VALUE DEFINITION
Satellite Imagery - Landsat : Fire mapped from Landsat 5, 7, or 8 imagery, single post-burn or pre and post-burn imagery
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
None

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 10
ENUMERATED DOMAIN VALUE DEFINITION
Satellite Imagery - Sentinel-2: Fire mapped using Sentinel-2 imagery
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
None

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 11
ENUMERATED DOMAIN VALUE DEFINITION
Satellite Imagery - Proba-V: Fire mapped using Proba-V imagery
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
None

ATTRIBUTE

ATTRIBUTE LABEL FIREMAPM

ATTRIBUTE DEFINITION

FIRE MAPping Method is how the data was captured

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 0
ENUMERATED DOMAIN VALUE DEFINITION
Undefined: Method of burned area mapping not defined
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
None

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 1
ENUMERATED DOMAIN VALUE DEFINITION
Other: Other methods
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
None

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 2
ENUMERATED DOMAIN VALUE DEFINITION
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

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 3
ENUMERATED DOMAIN VALUE DEFINITION
GPS: Digitized from a Global Positioning System (GPS) unit
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
None

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE 4
ENUMERATED DOMAIN VALUE DEFINITION
Processed - other remote sensing methods: Digitized using other automated remote sensing methods (eg. burn severity threshold)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 5

ENUMERATED DOMAIN VALUE DEFINITION

Processed - buffered points: Digitized by buffering a fire location

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 6

ENUMERATED DOMAIN VALUE DEFINITION

Processed - RS HANDS: Digitized using remote sensing Hotspot and NDVI Differencing Synergy (HANDS)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 7

ENUMERATED DOMAIN VALUE DEFINITION

Processed - RS SAFiMS or MAFiMS: Digitized using remote sensing Single Acquisition Fire Mapping System (SAFiMS) or Multi Acquisition Fire Mapping System (MAFiMS)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ATTRIBUTE

ATTRIBUTE LABEL FIRECAUS

ATTRIBUTE DEFINITION

Agency Fire CAUSE when available. The cause of the fire recorded by the agency.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

Undefined: Cause of fire unavailable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

Other: Other causes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Lightning: Lightning

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Industry Eg. forestry, oil and gas, rail, agriculture, prescribed burn, or other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 4

ENUMERATED DOMAIN VALUE DEFINITION

Human: Non-industrial human activity, eg. recreational (campfire, ATV, etc), arson, or other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ATTRIBUTE

ATTRIBUTE LABEL BURNCLAS

ATTRIBUTE DEFINITION

BURN CLASs provided by agency fire data (to date, only provided by Alberta). Where partial burn is not provided, it is assumed to be full burn.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

Partially burned area: 1% - 25% burned as proportion of polygon estimated to have burned

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

Partially burned area: 26% - 50% burned as proportion of polygon estimated to have burned

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 3

ENUMERATED DOMAIN VALUE DEFINITION

Partially burned area: 51% - 75% burned as proportion of polygon estimated to have burned

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 4

ENUMERATED DOMAIN VALUE DEFINITION

Fully burned area: 76% - 100% burned

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ATTRIBUTE

ATTRIBUTE LABEL COMM

ATTRIBUTE DEFINITION

COMMENTS during processing. Where the burn area source is agency (ie. BASRC = 3), other agency information is captured under this field as field:value.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

free text

ATTRIBUTE

ATTRIBUTE LABEL CDATE

ATTRIBUTE DEFINITION

Creation DATE/time of the shapefile (GMT) (YYYY-MM-DD HH:MM:SS)

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

YYYY-MM-DD HH:MM:SS

ATTRIBUTE

ATTRIBUTE LABEL SDATE

ATTRIBUTE DEFINITION

Start DATE/time according to the first detected hotspots within the spatial extent of the NFIREID region (any satellite sources). If no hotspots were detected it is January 1 of the fire year, eg. 2004-01-01 00:00:00.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

YYYY-MM-DD HH:MM:SS

ATTRIBUTE

ATTRIBUTE LABEL EDATE

ATTRIBUTE DEFINITION

End DATE/time of the last detected hotspots within the spatial extent of the national fire ID region (any satellite sources). If no hotspots were detected it is January 1 of the fire year, eg. 2004-01-01 00:00:00.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

YYYY-MM-DD HH:MM:SS

ATTRIBUTE

ATTRIBUTE LABEL AFSDATE

ATTRIBUTE DEFINITION

Agency Fire Start DATE is the start date reported by the agency. If agency date was not provided it is January 1 of the fire year, eg. 2004-01-01 00:00:00.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

YYYY-MM-DD HH:MM:SS

ATTRIBUTE

ATTRIBUTE LABEL AFEDATE

ATTRIBUTE DEFINITION

Agency Fire End DATE is the end date of the fire reported by the agency. If agency date was not provided it is January 1 of the fire year, eg. 2004-01-01 00:00:00.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

YYYY-MM-DD HH:MM:SS

ATTRIBUTE

ATTRIBUTE LABEL CAPDATE

ATTRIBUTE DEFINITION

Capture DATE of source data. Examples include date of GPS acquisition, air photo acquisition, Landsat image for mapping. This field links to the National Forest Inventory INFO_DATE

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

YYYY-MM-DD HH:MM:SS

ATTRIBUTE

ATTRIBUTE LABEL BT_GID

ATTRIBUTE DEFINITION

Business Table IDentifier, internal use

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Sequential unique whole numbers that are automatically generated.

ATTRIBUTE

ATTRIBUTE LABEL SALVAGE

ATTRIBUTE DEFINITION

SALVAGE logging flag based on visual inspection of post-burn Landsat used in MAFiMS.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

Not evaluated

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

False

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

True

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ATTRIBUTE

ATTRIBUTE LABEL PB_HARV

ATTRIBUTE DEFINITION

Pre-Burn HARVesting flag based on visual inspection of post-burn Landsat used in MAFiMS. 0=Not evaluated, 1=False, and 2=True.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

Not evaluated

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

False

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 2

ENUMERATED DOMAIN VALUE DEFINITION

True

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ATTRIBUTE

ATTRIBUTE LABEL UTOTAREA

ATTRIBUTE DEFINITION

TOTAl AREA that has been adjusted with application of a non-parametric linear Theil Sen regression function when a coarse resolution burned area has been generated (BASRC=2). The field is expressed in hectares and computed using the Canada Albers Equal Area Conic projection.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Positive real numbers.

ATTRIBUTE

ATTRIBUTE LABEL NBACVERS

ATTRIBUTE DEFINITION

NBAC version.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Format: NNNN_rX_YYYYMMDD_HHMM where NNNN: year of the processed fire season; rX: NBAC rule set used to generate the shapefile; YYYYMMDD_HHMM: the file creation timestamp (year, month, day, hour and minute).

ATTRIBUTE

ATTRIBUTE LABEL TOTAREA

ATTRIBUTE DEFINITION

TOTAl AREA is calculated in hectares using the Canada Albers Equal Area Conic projection.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Positive real numbers.

ATTRIBUTE

ATTRIBUTE LABEL AREAMODA

ATTRIBUTE DEFINITION

AREA MODEL "A" is the slope of the non-parametric linear Theil Sen regression function used to calibrate the coarse resolution burned area to a more representative burned area. A value of 1 is used when the BASRC (Burned Area SouRCe) is Landsat or Fire Agency as these burned area data sources do not require calibration.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Positive real numbers.

ATTRIBUTE

ATTRIBUTE LABEL AREAMODB

ATTRIBUTE DEFINITION

AREA MODEL "B" is the y-intercept of the non-parametric linear Theil Sen regression function used to calibrate the coarse resolution burned area to a more representative burned area. A value of 0 is used when the BASRC (Burned Area SouRCe) is Landsat or Fire Agency as these burned area data sources do not require calibration.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN
Positive real numbers.

ATTRIBUTE

ATTRIBUTE LABEL AREAMODT

ATTRIBUTE DEFINITION

AREA MODEL Type is a flag field of value 0 or 1 depending on whether the non-parametric linear Theil Sen regression function was applied to calculate UTOTAREA.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 0

ENUMERATED DOMAIN VALUE DEFINITION

no model has been applied to calculate UTOTAREA

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE 1

ENUMERATED DOMAIN VALUE DEFINITION

a model has been applied to calculate UTOTAREA

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

None

ATTRIBUTE

ATTRIBUTE LABEL AREAMODV

ATTRIBUTE DEFINITION

AREA MODEL Version is the year of the fire season the model was developed.

ATTRIBUTE DEFINITION SOURCE None

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Four digit whole numbers: YYYY

Hide Entities and Attributes ▲