FIRE_BURN_HISTORY

Tags

Fire, Fire history, Fire perimeters, Wildfire

Summary:

Provides a reasonable view of the spatial distribution of past large fires within the San Diego County region. Due to missing perimeters (see completeness report) this layer should not be used for statistical analysis and reporting.

Feature Type: Polygon

Number of Records: 1552

Publication Date: 2023-06-30

Date of Data (Temporal Period Extent): 2023-06-30

Extent: San Diego County

Extent in Longitude Latitude

North 33.664130
West -117.619747   **East** -114.565111
South 32.522421

Extent in the item's coordinate system

North 2185279.697841
West 6144859.062474   **East** 7074385.655515
South 1773950.787278

Description:

CAL FIRE, USDA Forest Service Region 5, BLM, NPS, Contract Counties and other agencies jointly maintain a comprehensive fire perimeter GIS layer for public and private lands throughout the state. The data covers fires back to 1878 and of 10 acres and greater. Some attributes have been modified to match the existing SANGIS.FIRE_BURN_HISTORY data layer.

Credits:

CAL FIRE recognizes the various federal, state, and local agencies that have contributed to this dataset, including USDA Forest Service Region 5, BLM, National Park Service, and numerous local agencies.

Use Limitation:

see Citation section for additional constraints

Topics and Keywords

Topic Categories: Environment

Themes:

FIRE

Resource Details:

Status: Completed
Type: Vector
Update Frequency: Annually
Next Update: Not specified

Spatial Reference System:

Type: Projected
Reference: GCS_North_American_1983
Projection: NAD_1983_StatePlane_California_VI_FIPS_0406_Feet

Identifier: 2230
Codespace: EPSG
Version: 5.3(9.0.0)

Contacts:

Point of Contact

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Distributor

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San Diego, California. 92123
Data Librarian
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Distribution Ordering Instructions:

Data can be downloaded in shapefile format from the SanGIS Data Warehouse at
https://rdw.sandag.org/Account/Login

Refer to SanGIS website (www.sangis.org) to obtain further information on mapping and

data extraction services available from SanGIS.

Fields:

Overview:
AGENCY CODE
CDF - CalFire
BLM - Bureau of Land Management
CCO - Contract Counties
DOD - Department of Defense
LRA - Local response area
USF - United States Forest Service

UNIT_ID = a three letter designation of the "unit of responsible agency where the fire started".
MVU = San Diego CDF Unit
CCD = Carson City District BLM
CNF = Cleveland National Forest
MCP = Marine Corp Pendelton
ORC = Orange County
RRU = Riverside CDF unit

CAUSECODE = coded value of the cause of the fire incident
1 - Lightning
2 - Equipment Use
3 - Smoking
4 - Campfire
5 - Debris
6 - Railroad
7 - Arson
8 - Playing with fire
9 - Miscellaneous
10 - Vehicle
11 - Powerline
12 - Firefigher training
13 - Non-firefighter training
14 - Unknown / Unidentified
15 - Structure
16 - Aircraft
17 - Volcanic
18 - Escaped Prescribed Burn
19 - Illegal Alien campfire

C_METHOD = method used to capture fire perimeter data
1 - GPS ground
2 - GPS air
3 - Infrared
4 - Other Imagery
5 - Photo Interpretation
6 - Hand Drawn
7 - Mixed Collection methods
8 - Unknown

OBJECTIVE
1 - Suppression
2 - Resource Benefit (Wildland Fire Use)

Citation:

As of Jan 1st, 2007 the term CAL FIRE will be used in reference to CDF and The California Department of Forestry and Fire Protection. 2006 fire perimeters still use the term "CDF".

FID (OID)
Internal feature number.

Shape (Geometry)
Feature geometry.

YEAR_ (String)
Year fire started

UNIT_ID (String)
Unit of responsible agency where fire started (Refer to UNIT_ID code in Overview)

FIRE_NUM (String)
Number assigned to fire by responsible agency. Usually six numbers, but can contain letters.

FIRE_NAME (String)
Name assigned to fire by responsible agency

ALARM_DATE (Integer)
Date fire was reported to agency YYYYMMDD

CONT_DATE (Integer)
Date fire was contained or stopped. Contained is defined as having a line around the fire stopping its growth. YYYYMMDD

C_METHOD (Integer)
Method used to capture fire perimeter data (Refer to C_METHOD code in Overview)

CAUSE (String)
Reason fire ignited

INC_NUM (String)
The Incident number; a consecutive number assigned by the Emergency Command Center of the responsible agency for the fire.

UNIQUE_ID (String)
A combination of the year the fire occurred, the unit of the AGENCY and either the INC_NUM or FIRE_NUM. This is NOT a unique number.

OBJECTIVE (Integer)
Either suppression or resource benefit (a fire that is allowed to burn in order to encourage environmental health). (Refer to OBJECTIVE code in Overview)

COST (Integer)
Estimated dollar cost of damage or loss caused by the fire

COMMENTS (String)
Miscellaneous comments made by CalFIRE regarding a particular fire perimeter

REPORT_AC (Double)
Estimated area consumed in fire

GIS_ACRES (Double)
Calculated area in acres based on Shape_Area.

AGENCY_MAT (String)

The Agency responsible for working the fire (Refer to Agency code in Overview)

CAUSECODE (Double)
A coded value identifying the cause of the fire. For cause details, refer to the
CAUSE attribute for definitions (Refer to CAUSECODE code in the Overview)

Shape_Leng (Double)
Length of feature in internal units.

PERIMETER (Double)
Calculated perimeter in meters

ACRES_CALC (Double)
Calculated acres for each perimeter

DAY_ (Double)
The day out of the month when the fire began

MONTH_ (Double)
The month when the fire began

Metadata Last Update: 2023-07-07