



Fire and Resource Assessment Program
California Department of Forestry and Fire Protection

HISTORIC WILDLAND FIRE PERIMETERS

METADATA

firep23_1

Hosted Feature Service

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Summary

Provides a reasonable view of the spatial distribution of past large fires but is in no way complete. Due to missing perimeters (please see Use Limitations) this data should be used carefully for statistical analysis and reporting. Please contact the California Department of Forestry and Fire Protection's Fire and Resource Assessment Program for a detailed explanation of the limitations of the data. This data is updated annually in the spring with fire perimeters from the previous fire season.

CAL FIRE (including contract counties), USDA Forest Service Region 5, USDI Bureau of Land Management & National Park Service, 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.

Description

Current criteria for data collection

CAL FIRE (including contract counties) submit perimeters ≥ 10 acres in timber, ≥ 50 acres in brush, or ≥ 300 acres in grass, and/or ≥ 3 damaged/ destroyed residential or commercial structures, and/or caused ≥ 1 fatality.

All cooperating agencies submit perimeters ≥ 10 acres.

Current Version Information

Firep23_1 was released in May 2024. Two hundred eighty-four fires from the 2023 fire season were added to the database (21 from BLM, 102 from CAL FIRE, 72 from Contract Counties, 19 from LRA, 9 from NPS, 57 from USFS and 4 from USFW). The 2020 Cottonwood fire, 2021 Lone Rock and Union fires, as well as the 2022 Lost Lake fire were added. USFW submitted a higher accuracy perimeter to replace the 2022 River perimeter. Additionally, 48 perimeters were digitized from an historical map included in a publication from Weeks, d. et al. The Utilization of El Dorado County Land. May 1934, Bulletin 572. University of California, Berkeley. Two thousand eighteen perimeters had attributes updated, the bulk of which had IRWIN IDs added. A duplicate 2020 Erbes perimeter was removed. The following fires were identified as meeting our collection criteria, but are not included in this version and will hopefully be added in the next update: Big Hill #2 (2023-CAHIA-001020).

YEAR_ field changed to a short integer type. San Diego CAL FIRE UNIT_ID changed to SDU (the former code MVU is maintained in the UNIT_ID domains). COMPLEX_INCNUM renamed to COMPLEX_ID and is in process of transitioning from local incident number to the complex IRWIN ID. Perimeters managed in a complex in 2023 are added with the complex IRWIN ID. Those previously added will transition to complex IRWIN IDs in a future update.

If you would like a full briefing on these adjustments, please contact the data steward, Kim Wallin (kimberly.wallin@fire.ca.gov), CAL FIRE FRAP.



Discrepancies between wildfire perimeter data and CAL FIRE Redbook Large, Damaging Fires

Large, Damaging fires in California were first defined by the CAL FIRE Redbook, and has changed over time, and differs from the definition initially used to define wildfires required to be submitted for the initial compilation of this digital fire perimeter data.

In contrast, the definition of fires whose perimeter should be collected has changed once in the approximately 30 years the data has been in existence. Below are descriptions of changes in data collection criteria used when compiling these two datasets.

To facilitate comparison, this metadata includes a summary, by year, of fires in the Redbook, that do not appear in this fire perimeter dataset. It is followed by an enumeration of each “Redbook” fire missing from the spatial data.

History of Wildfire Perimeter criteria

~1991: 10 acres timber, 30 acres brush, 300 acres grass, damages or destroys three residence or one commercial structure or does \$300,000 worth of damage

2002: 10 acres timber, 50 acres brush, 300 acres grass, damages or destroys three or more structures, or does \$300,000 worth of damage

~2010: 10 acres timber, 30 acres brush, 300 acres grass, damages or destroys three or more structures (doesn't include out building, sheds, chicken coops, etc.)

History of Redbook criteria

1979 - Fires of a minimum of 300 acres that burn at least: 30 acres timber or 300 acres brush, or 1500 acres woodland or grass

1981 - 1979 criteria plus fires that took ,3000 hours of California Department of Forestry and Fire Protection personnel time to suppress

1992 - 1981 criteria plus 1500 acres ag products, or destroys three residence or one commercial structure or does \$300,000 damage

1993 - 1992 criteria but “three or more structures destroyed” replaces “destroys three residence or one commercial structure” and the 3,000 hours of California Department of Forestry personnel time to suppress is removed

2006 - 300 acres or larger and burned at least: 30 acres of timber, or 300 acres of brush, or 1,500 acres of woodland, or 1,500 acres of grass, or 1,500 acres of agricultural products, or 3 or more structures destroyed, or \$300,000 or more dollar damage loss.

2008 - 300 acres and larger

Year	# of Missing Redbook Fires
1979	22

Year	# of Missing Redbook Fires
1980	13

Year	# of Missing Redbook Fires
1981	15



Year	# of Missing Redbook Fires
1982	6
1983	3
1984	20
1985	52
1986	12
1987	56
1988	23
1989	8
1990	9
1991	2
1992	16
1993	17
1994	22
1995	9

Year	# of Missing Redbook Fires
1996	15
1997	9
1998	10
1999	7
2000	4
2001	5
2002	16
2003	5
2004	2
2005	1
2006	11
2007	3
2008	43
2009	3

Year	# of Missing Redbook Fires
2010	2
2011	0
2012	4
2013	2
2014	7
2015	10
2016	2
2017	11
2018	6
2019	2
2020	3
2021	0
2022	0
2023	0
Total	483

Enumeration of fires in the Redbook that are missing from Fire Perimeter dataset.

Three letter unit code follows fire name.

1979-Sylvandale (HUU), Kiefer (AEU), Taylor(TUU), Parker#2(TCU), PGE#10, Crocker(SLU), Silver Spur (SLU), Parkhill (SLU), Tar Springs #2 (SLU), Langdon (SCU), Truelson (RRU), Bautista (RRU), Crocker (SLU), Spanish Ranch (SLU), Parkhill (SLU), Oak Springs(BDU), Ruddell (BDF), Santa Ana (BDU), Asst. #61 (MVU), Bernardo (MVU), Otay #20

1980– Lightning series (SKU), Lavidia (RRU), Mission Creek (RRU), Horse (RRU), Providence (RRU), Almond (BDU), Dam (BDU), Jones (BDU), Sycamore (BDU), Lightning (MVU), Assist 73, 85, 138 (MVU)

1981– Basalt (LNU), Lightning #25(LMU), Likely (MNF), USFS#5 (SNF), Round Valley (TUU), St. Elmo (KRN), Buchanan (TCU), Murietta (RRU), Goetz (RRU), Morongo #29 (RRU), Rancho (RRU), Euclid (BDU), Oat Mt. (LAC & VNC), Outside Origin #1 (MVU), Moreno (MVU)

1982- Duzen (SRF), Rave (LMU), Sheep's trail (KRN), Jury (KRN), Village (RRU), Yuma (BDF)

1983- Lightning #4 (FKU), Kern Co. #13, #18 (KRN)

1984-Bidwell (BTU), BLM D 284,337, PNF #115, Mill Creek (TGU), China hat (MMU), fey ranch, Kern Co #10, 25,26,27, Woodrow (KRN), Salt springs, Quartz (TCU), Bonanza (BEU), Pasquel (SBC), Orco asst. (ORC), Canel (local), Rattlesnake (BDF)



1985- Hidden Valley, Magic (LNU), Bald Mt. (LNU), Iron Peak (MEU), Murrer (LMU), Rock Creek (BTU), USFS #29, 33, Bluenose, Amador, 8 mile (AEU), Backbone, Panoche, Los Gatos series, Panoche (FKU), Stan #7, Falls #2 (MMU), USFS #5 (TUU), Grizzley, Gann (TCU), Bumb, Piney Creek, HUNTER LIGGETT ASST#2, Pine, Lowes, Seco, Gorda-rat, Cherry (BEU), Las pilitas, Hwy 58 #2 (SLO), Lexington, Finley (SCU), Onions, Owens (BDU), Cabazon, Gavalin, Orco, Skinner, Shell, Pala (RRU), South Mt., Wheeler, Black Mt., Ferndale, (VNC), Archibald, Parsons, Pioneer (BDU), Decker, Gleason(LAC), Gopher, Roblar, Assist #38 (MVU)

1986- Knopki (SRF), USFS #10 (NEU), Galvin (RRU), Powerline (RRU), Scout, Inscription (BDU), Intake (BDF), Assist #42 (MVU), Lightning series (FKU), Yosemite #1 (YNP), USFS Asst. (BEU), Dutch Kern #30 (KRN)

1987- Peach (RRU), Ave 32 (TUU), Conover (RRU), Eagle #1 (LNU), State 767 aka Bull (RRU), Denny (TUU), Dog Bar (NEU), Crank (LMU), White Deer (FKU), Briceburg (LMU), Post (RRU), Antelope (RRU), Cougar-I (SKU), Pilitas (SLU) Frenner (SHU), Fouts Complex (LNU), Slides (TGU), French (BTU), Clark (PNF), Fay/Top (SQF), Under, Flume, Bear Wallow, Gulch, Bear-1, Trinity, Jessie, friendly, Cold, Tule, Strause, China/Chance, Bear, Backbone, Doe, (SHF) Travis Complex, Blake, Longwood (SRF), River-II, Jarrell, Stanislaus Complex 14k (STF), Big, Palmer, Indian (TNF) Branham (BLM), Paul, Snag (NPS), Sycamore, Trail, Stallion Spring, Middle (KRN), SLU-864

1988- Hwy 175 (LNU), Rumsey (LNU), Shell Creek (MEU), PG&E #19 (LNU), Fields (BTU), BLM 4516, 417 (LMU), Campbell (LNF), Burney (SHF), USFS #41 (SHF), Trinity (USFS #32), State #837 (RRU), State (RRU), State (350 acres), RRU, State #1807, Orange Co. Asst (RRU), State #1825 (RRU), State #2025, Spoor (BDU), State (MVU), Tonzi (AEU), Kern co #7,9 (KRN), Stent (TCU),

1989- Rock (Plumas), Feather (LMU), Olivas (BDU), State 1116 (RRU), Concorida (RRU), Prado (RRU), Black Mt. (MVU), Vail (CNF)

1990- Shipman (HUU), Lightning 379 (LMU), Mud, Dye (TGU), State 914 (RRU), Shultz (Yorba) (BDU), Bingo Rincon #3 (MVU), Dehesa #2 (MVU), SLU 1626 (SLU)

1991- Church (HUU), Kutras (SHF)

1992- Lincoln, Fawn (NEU), Clover, fountain (SHU), state, state 891, state, state (RRU), Aberdeen (BDU), Wildcat, Rincon (MVU), Cleveland (AEU), Dry Creek (MMU), Arroyo Seco, Slick Rock (BEU), STF #135 (TCU)

1993- Hoisington (HUU), PG&E #27 (with an undetermined cause, lol), Hall (TGU), state, assist, local (RRU), Stoddard, Opal Mt., Mill Creek (BDU), Otay #18, Assist/ Old coach (MVU), Eagle (CNF), Chevron USA, Sycamore (FKU), Guerrero, Duck

1994- Schindel Escape (SHU), blank (PNF), lightning #58 (LMU), Bridge (NEU), Barkley (BTU), Lightning #66 (LMU), Local (RRU), Assist #22 & #79 (SLU), Branch (SLO), Piute (BDU), Assist/ Opal#2 (BDU), Local, State, State (RRU), Gilman fire 7/24 (RRU), Highway #74 (RRU), San Felipe, Assist #42, Scissors #2 (MVU), Assist/ Opal#2 (BDU), Complex (BDF), Spanish (SBC)

1995- State 1983 acres, Lost Lake, State # 1030, State (1335 acres), State (5000 acres), Jenny, City (BDU), Marron #4, Asist #51 (SLO/VNC)

1996- Modoc NF 707 (Ambrose), Borrego (MVU), Assist #16 (SLU), Deep Creek (BDU), Weber (BDU), State (Wesley) 500 acres (RRU), Weaver (MMU), Wasioja (SBC/LPF), Gale (FKU), FKU 15832 (FKU), State (Wesley) 500 acres, Cabazon (RRU), State Assist (aka Bee) (RRU), Borrego, Otay #269 (MVU), Slaughter house (MVU), Oak Flat (TUU)



1997- Lightning #70 (LMU), Jackrabbit (RRU), Fernandez (TUU), Assist 84 (Military AFV) (SLU), Metz #4 (BEU), Copperhead (BEU), Millstream, Correia (MMU), Fernandez (TUU)

1998- Worden, Swift, PG&E 39 (MMU), Chariot, Featherstone, Wildcat, Emery, Deluz (MVU), Cajalco Santiago (RRU)

1999- Musty #2,3 (BTU), Border # 95 (MVU), Andrews, Roadside 9323 (MMU), Lacy (BDU), Range (SCU)

2000- Latrobe (AEU), Shell (SLU), Happy Camp (Inyo), Golden Fire (BDU)

2001- Pacheco (MMU), Orosco (CNF/MVU), Observation (LNF), Modoc Complex (LMU), Happy Camp Complex (SKU)

2002- Nicholas (MMU), Aliso Assist #73 (MVU), Assist, Leona, Williams (BDU), BLM D596, horse complex (LMU), KNF Assist #15 (SKU), Cajalco Evening State 925 (RRU), Airport, Bouquet, Copper, Inyo Complex (BDU)

2003- F.K.U. 7076 (LOC) 15k, Local (2) 12k 2k (RRU), MNF 964 Assist (LNU) 3+k

2004- F.K.U. 7654, NOD BBT4

2005- Pine (TUU)

2006- Phelps (FKU), BLM-2 (FKU), Olive (MMU), Alpaugh (TUU), Lgt. # 11,26, 53 (LMU), Cort, Coyote, Orchard Ranch (RRU)

2007- Little 5 (FKU), Brokeoff (SHU), Avenue 26/ Rd 195 (MMU/local)

2008- Jonson VMP (RRU), 85 (LNU), Wagers (MEU), STA 57 ONO CDF IGO 2 C2(SHU), Whitmore Rd/ Old Cow C2(SHU), Coleman,Fish Hatchery (SHU), EO2A (SHU), Igo 6,13, 15,16,17,18 (SHU), Lakehead (SHU), Daugherty (MEU), Breakneck (BTU), West Branch,Frey,Flea,Valley,Lynch (BTU), Squaw 1 Lightning 2 (MEU), Venture (SHU), 5-8,Cliff,Lightning, Popcorn (LMU), Juan Creek Lightning (MEU), Dixie (LMU), Alder Creek Beach Rd (MEU), Dino,Hwy 152 (MMU), Smokey Rim Empire Camp (BTU), Turkey (BEU), Rodeo 2 (TUU), Lackerman (BTU), Long (BTU)

2009- Oliver (RRU), Ash (MMU), One-Eleven (SHU L complex),

2010- Whites (FKU), Flynn (SCU-002885),

2011- None

2012- Billy (MMU), Lassen (FKU), Grape (KRN), Rushmore (RRU)

2013- River (MMU), Fox (LMU)

2014- Pierce (RRU), 59 (TCU), Gun Club (MMU), Kelley (MMU), Stony Loop (Monterey), Modoc Complex

2015- Carl Motar Grenade (MIL), Peanut (Monterey), Mad River Complex (SRF), GASQUET (SRF), Horno (MIL), Deer (KRN), Forebay Creek (MMU)

2016- Fort Flat (KRN)

2017- Deluz (MVU), Range (MIL Monterey), Quail Complex (KRN), Farad (HTF), Orleans Complex (SRF), R-21 (BLM), Summit Complex (STF), Rose (KRN), Buffalo (MIL MVU), Chris (HTF), Liberty (Local RRU)

2018- Alpha (MIL MVU), Yankee (MIL SLO), Pendleton Complex, West (CNF), Nacimiento (MIL Monterey), Branscome (SUI local)

2019- Reche (RRU-130198), Stuhr (SCU-003879)

2020- Candy (RRU-124873), Range (BOB-006492), Beale (BEA-000000)



2021- None

2022- None

2023- None

Lineage: Historic Update Information

Firep22_1 was released in April 2023. Three hundred five fires from the 2022 fire season were added to the database (1 from BIA, 8 from BLM, 176 from CAL FIRE, 49 from Contract Counties, 14 from LRA, 8 from NPS, 38 from USFS, and 11 from USFW). The 2021 Dotta (part of Beckwourth Complex), Greenhorn, and Hartman fire perimeters were added. Another 45 fires were added by USFW from 2015-2021. The 1988 Hessel fire was added in LNU. The 2019 Cave fire was replaced with a more detailed perimeter submitted by Santa Barbara County. The 2017 Hudson, 2017 Lake, 2017 Jones, 2017 "37", 2019 Tucker, and 2019 Refuge perimeters were replaced with imagery digitized perimeters from USFW. Attributes were updated for 32 records. One hundred ten perimeters were removed due to duplication or being completely contained outside of California state borders. The field IRWINID was added to provide a unique ID; fires before 2022 are lacking this attribution (with the exception of those added in this publication where possible). The following fires were identified as meeting our collection criteria, but are not included in this version and will hopefully be added in the next update: 2022 Cable (CAL FIRE, AEU), 2022 All American (BIA, CRA).

Firep21_2 was released in October 2022. The fields COMPLEX_NAME and COMPLEX_INCNUM were added to the dataset; historical complex fires were updated as such to the best of current ability. COMPLEX_NAME is for fires that were initially individual fires (with their own name) and then became part of a complex and thus were given a new name. COMPLEX_INCNUM was created for the same reason as COMPLEX_NAME. Ten fires were added (5 CAL FIRE, 5 USDA Forest Service). The 2008 Paradise fire perimeter was spatially adjusted to more accurately account for its location. Six perimeters were removed, becoming a complex. The 1996 Columbia Hill and Shields Camp perimeters were removed due to confirmation of their status of prescribed burn. The 2014 Coffee fire was replaced by a more accurate polygon. Thirty-two records' attributes were updated, mostly CAUSE data from 2019 and 2020.

Firep21_1 was released in April 2022. Three hundred seventy-two wildfires from the 2021 fire season were added to the database (21 from BLM, 223 from CAL FIRE, 3 from DOD, 40 from LRA, 15 from NPS, 66 from USFS, 2 from BIA, and 2 from USFW). The following fires were identified as meeting our collection criteria, but are not included in this version and will hopefully be added in the next update: Dotta (part of Beckwourth Complex), Greenhorn, Hartman, Lone Rock, Union, and Nelson. The 1933 Griffith Park fire, 2018 Bridal fire, 2020 Kare fire, 2020 Green fire, 2020 Indian fire, 2020 Tripp fire, 2020 Apple fire, and the 2020 Gulch fire were added. A duplicated 1912 fire was removed, 31 perimeters were replaced with more accurate perimeters, and 6 perimeters' attributes were adjusted.

Firep20_1 was released in April, 2021. Five hundred wildfires from the 2020 fire season were added to the database (12 from NPS, 277 from CAL FIRE, 76 from USFS, 37 from BLM, 3 other). Two previous fires were modified, the 1994 Steckel fire was deleted and the two 1979 Hernandez were merged into one fire.



Firep19_1 was released April 30th, 2020. Three hundred twelve wildfires from the 2019 fire season were added to the database (4 from the NPS, 180 from CAL FIRE, 68 from USFS, 21 from BLM).

Firep18_1 was released May 1st, 2019. 413 wildfires from the 2018 fire season were added to the database. There are two fires on BIA managed land that do not have 3 letter code identifiers and thus "Unit" was left blank. A hand drawn perimeter of the 1990 San Juan Canyon fire in BEU was submitted by a fire fighter who worked on the fire. The perimeter of the Thomas fire of 2017 was replaced this year by one collected by SBC that is based on someone walking some parts of the perimeter for better accuracy.

Firep17_1 was released April 13th, 2018. 612 wildfires from the 2017 fire season were added to the database. Three USFS wildfires from previous years were also added (1 from 2014, and 2 from 2016). Attributes from 3 USFS wildfires were also corrected (Willow 2015, Gilman and Meadow 2016). Two new USFS Forest were added to the domain list of Units (Rogue River-Siskiyou NF & Fremont NF). The Barry Point Fire is now attributed to the Rogue River-Siskiyou, previously it was attributed to other (as a unit). There are two fires for 2018 already in the database.

Firep16_1 was released May 4nd, 2017. 1 2014 VNC fire perimeter was replaced by a more accurate version. 3 new perimeters from 2014 were added (VNC). A new perimeter from 2013 added. 66 new perimeters from 2015 were added. 92 new perimeters in Marin County, from 1917 to 1934 were added. They were hand drawn by the Marin County fire Chief Garber and digitized and submitted by NPS. 8 duplicate fire perimeters were deleted.

Firep15_1 was released June 9th, 2016. The ALARM_DATE and CONT_DATE fields have been changed from STRING fields to DATE fields. In the many cases where only the year of a fire existed (ex. 19170000) the tool couldn't process the data and the entry is NULL. In those cases, the year can be found in the YEAR field.

Firep14_1 was released in May, 2015. After release, the NPS supplied corrections for 14 wildfires and 67 prescribed burns. The corrected data was posted to FRAP's data download page as fire14_1 in late May. An effort was made to ensure multipart polygons were standardized throughout the dataset.

Firep14_2 was released in July, 2015 to reflect that changes had been made to the original release in late May. Version 14_1 from late May is an exact copy of version 14_2 released in July.

Fields

Name	Type	Size ¹	Domain?	Notes
STATE	Text	2	Yes	State in which the fire started
YEAR_	Short Integer	4		Year in which the fire started
AGENCY	Text	3	Yes	Direct protection agency responding to fire
UNIT_ID	Text	3	Yes	ICS code for unit responding to fire
FIRE_NAME	Text	50		Name of the fire



<i>INC_NUM</i>	Text	8		Number assigned by the Emergency Command Center of the responsible agency for the fire
<i>IRWINID</i>	Text	40		IRWIN stands for Integrated Reporting of Wildland Fire Information, a global unique identifier assigned at the onset of an incident.
<i>ALARM_DATE</i>	Date	8		DD/MM/YYYY format, date of fire discovery
<i>CONT_DATE</i>	Date	8		DD/MM/YYYY format, Containment date for the fire
<i>CAUSE</i>	Short Integer	2	Yes	Reason fire ignited
<i>C_METHOD</i>	Short Integer	2	Yes	Method used to collect perimeter data
<i>OBJECTIVE</i>	Short Integer	1	Yes	Tactic for fire response
<i>GIS_ACRES</i>	Float	4		GIS calculated area, in acres
<i>COMPLEX_NAME</i>	Text	50		If part of complex, the complex name
<i>COMPLEX_ID</i>	Text	40		If part of complex, the complex IRWIN ID, however, transitions from incident number previous to 2023 in future update.
<i>COMMENTS</i>	Text	100		Miscellaneous comments
<i>FIRE_NUM</i>	Text	8		Historical numbering system preceding incident numbers

Notes

- For type Text, this column indicates the maximum number of characters allowed. For types Short Integer and Float, this column indicates the maximum number of numeric digits allowed. For type Double, the first number indicates the maximum number of numeric digits allowed, including the ones after the decimal point, and the second number (after the comma) indicates the number of digits after the decimal point.

STATE domain

Display Value	Stored Value
Arizona	AZ
California	CA
Nevada	NV
Oregon	OR



AGENCY domain

Display Value	Stored Value
USDI Bureau of Indian Affairs	BIA
Bureau of Land Management	BLM
California Department of Forestry and Fire Protection	CDF
Contract County	CCO
California State Parks	CSP
Department of Defense	DOD
USDI Fish and Wildlife Service	FWS
Local Responsibility Area	LRA
No Protection	NOP
National Park Service	NPS
Private	PVT
USDA Forest Service	USF
Other	OTH

UNIT_ID domain

Display Value	Stored Value
Amador - El Dorado CAL FIRE	AEU
Angeles National Forest	ANF
Bakersfield District - BLM (retired code)	BBD
Battle Mountain District	BMD
Beale Air Force Base FD	BEA
Bitter Creek National Wildlife Refuge	BRR
Butte CAL FIRE	BTU
CA Desert District - BLM	CDD
Camp Pendleton Marine Corps Base	MCP
Camp Roberts Military Base	CRB
Carson City District - BLM	CCD
Central CA District - BLM	CND
Channel Islands - NPS	CNP
City of Weed Vol. Fire Dept.	WED
Clear Lake National Wildlife Refuge	CLR
Cleveland National Forest	CNF
Colorado River Agency	CRA
Colorado River District	CRD
Coos Bay District	CBD
Death Valley NP	DVP
Delevan National Wildlife Refuge	DLR
Don Edwards San Francisco Bay National Wildlife Refuge	FWR
Eldorado National Forest	ENF



Display Value	Stored Value
Ellicott Slough National Wildlife Refuge	ESR
Fort Hunter Liggett	FHL
Fort Yuma Agency	FYA
Fremont National Forest	FNF
Fresno-Kings CAL FIRE	FKU
Golden Gate National Recreation Area - NPS	GNP
Hoopa Valley Tribe	HIA
Hopper Mountain National Wildlife Refuge	HPR
Humboldt-Toiyabe National Forest	HTF
Humboldt - Del Norte CAL FIRE	HUU
Inyo National Forest	INF
Joshua Tree NP	JTP
Kern County	KRN
Kern National Wildlife Refuge	KRR
Klamath National Forest	KNF
Lake Tahoe Basin Management Unit	TMU
Lakeview District	LAD
Lassen - Modoc CAL FIRE	LMU
Lassen National Forest	LNF
Lassen Volcanic NP	LNP
Lava Beds National Monument	BNP
Linda Fire Department	LFD
Los Angeles City FD	LDF
Los Angeles County	LAC
Los Padres National Forest	LPF
Lower Klamath National Wildlife Refuge	LKR
Madera - Mariposa CAL FIRE	MMU
Marin County	MRN
Medford District	MED
Mendocino CAL FIRE	MEU
Mendocino National Forest	MNF
Merced National Wildlife Refuge	MCR
Modoc National Forest	MDF
Modoc National Wildlife Refuge	MDR
Mojave - NPS	MNP
Monterey - San Benito CAL FIRE	BEU
Naval Weapons Station	TNT
Nevada - Yuba - Placer CAL FIRE	NEU
Northern CA District - BLM	NOD
Orange County	ORC



Display Value	Stored Value
Pinnacles National Park	PIP
Pixley National Wildlife Refuge	PLR
Plumas National Forest	PNF
Point Reyes National Seashore	RNP
Redwood National and State Parks	RWP
Riverside CAL FIRE	RRU
Rogue River - Siskiyou NF	RRS
Sacramento National Wildlife Refuge	SWR
Sacramento River National Wildlife Refuge	SRR
San Bernardino CAL FIRE	BDU
San Bernardino National Forest	BDF
San Diego Bay National Wildlife Refuge	DBR
San Diego CAL FIRE	SDU
San Diego CAL FIRE (retired code)	MVU
San Diego National Wildlife Refuge	TNR
San Joaquin River National Wildlife Refuge	SJR
San Luis National Wildlife Refuge	LUR
San Luis Obispo CAL FIRE	SLU
San Mateo - Santa Cruz CAL FIRE	CZU
San Pablo Bay National Wildlife Refuge	SPR
Santa Barbara County	SBC
Santa Clara CAL FIRE	SCU
Santa Monica Mtns National Recreation Area	SMP
Sequoia - Kings Canyon NP	KNP
Sequoia National Forest	SQF
Shasta-Trinity National Forest	SHF
Shasta - Trinity CAL FIRE	SHU
Sierra National Forest	SNF
Siskiyou CAL FIRE	SKU
Siskiyou National Forest	SIF
Six Rivers National Forest	SRF
Sonny Bono Salton Sea National Wildlife Refuge	SOR
Sonoma - Lake - Napa CAL FIRE	LNU
Sonoma CDF (retired code)	SNU
Southern California Agency	SCA
Southern Nevada District	SND
Stanislaus National Forest	STF
Stone Lakes National Wildlife Refuge	SKR
Sutter National Wildlife Refuge	STR
Tahoe National Forest	TNF



Display Value	Stored Value
Tehama - Glenn CAL FIRE	TGU
Toiyabe National Forest	TOI
Tulare CAL FIRE	TUU
Tule Lake National Wildlife Refuge	TKR
Tule River Agency	TIA
Tuolumne - Calaveras CAL FIRE	TCU
Vallejo Fire Dept.	VLJ
Vandenberg Air Force Base	AFV
Ventura County	VNC
Whiskeytown National Recreation Area	WNP
Yosemite National Park	YNP

CAUSE domain

Display Value	Stored Value
1 – Lightning	1
2 – Equipment Use	2
3 – Smoking	3
4 – Campfire	4
5 – Debris	5
6 – Railroad	6
7 – Arson	7
8 – Playing with fire	8
9 – Miscellaneous	9
10 – Vehicle	10
11 – Powerline	11
12 – Firefighter Training	12
13 – Non-Firefighter Training	13
14 – Unknown/Unidentified	14
15 – Structure	15
16 – Aircraft	16
17 – Volcanic	17
18 – Escaped Prescribed Burn	18
19 – Illegal Alien Campfire	19

COLLECTION METHOD (C_METHOD) domain

Display Value	Stored Value
1 – GPS Ground	1
2 – GPS Air	2
3 – Infrared	3
4 – Other Imagery	4
5 – Photo Interpretation	5



6 – Hand Drawn	6
7- Mixed Collection Methods	7
8 – Unknown	8

OBJECTIVE domain

Display Value	Stored Value
Suppression (Wildfire)	1
Resource Benefit (WFU)	2

Use limitations

This is the most complete digital record of fire history in California. However, it is still incomplete in many respects. Fires are undoubtedly missing or have missing or incorrect attribute data. Some fires are missing because historical records were lost or damaged, were too small for the minimum cutoffs, had inadequate documentation or have not yet been incorporated into the database. For example, the 2008 Lone Pine fire perimeter has never been collected and may never be.

Other errors with the fire perimeter database include duplicate fires and over-generalization. While the data capture process attempts to identify duplicate fires resulting from multiple data sources (e.g., the USFS and CAL FIRE both captured and submitted the fire perimeter), some duplicates may still exist. Additionally, over-generalization, particularly with large old fires may show unburned "islands" within the final perimeter as burned. Users of the fire perimeter database must exercise caution in application of the data. Careful use of the fire perimeter database will prevent users from drawing inaccurate or erroneous conclusions from the data.

Legal constraints

DISCLAIMER The State of California and the Department of Forestry and Fire Protection make no representations or warranties regarding the accuracy of data or maps. The user will not seek to hold the State or the Department liable under any circumstances for any damages with respect to any claim by the user or any third party on account of or arising from the use of data or maps. The user will cite the Department of Forestry and Fire Protection as the original source of the data, but will clearly denote cases where the original data have been updated, modified, or in any way altered from the original condition. There are no restrictions on distribution of the data by users. However, users are encouraged to refer others to the Department of Forestry and Fire Protection to acquire the data in case updated data become available. There are no restrictions on distribution of the data by users.

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Credits

CAL FIRE recognizes the important partners that have contributed to this dataset, including USDA Forest Service Region 5, USDI's Bureau of Land Management, National Park Service, National Fish and Wildlife Service, and numerous local agencies.

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