

Weekly Wildfire Brief

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Notice: The information in this report is subject to change and may have evolved since the compiling of this report.

BLUE Text = Newly added information and information that has changed since the last wildfire brief.

GRAY Text = Information where nothing new has been posted since the last wildfire brief, unable to reverify the information as still being current.

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Wildfire Summary - November 15, 2018

For reference: 1 sq mile = 640 acres ; 1 football field = approx 1.32 acres

Fire	Acres Burned [Change]	% Contained [Change]	Evacuations	Structures Threatened	Structures Destroyed	Page
Butte County						
Camp Fire	141,000* [+3,000]	40%* [+5%]	YES	17,500	11,902	6-7
Solano County						
Nurse Fire (Final)	1,500 [-1,000]	90% ** [+30%]	None	None	None	8
Tulare County						
Alder Fire	2903 [+897]	55% [+10%]	Area Closure	None	None	9
Eden Fire	375 [+224]	5% [+3%]	None	None	None	10
Mountaineer Fire	1,152 [+624]	50% [+50%]	Area Closure	None	None	11
Ventura County						
Hill Fire	4,531* [+0]	99% [+3%]	None	None	2	12
Ventura & Los Angeles Counties						
Woolsey Fire	98,362* [+0]	62%* [+10%]	YES	None	548	13-14

* Change is since from the November 14 Camp, Hill, and Woolsey Sit Reps; ** Latest data from Nov 9

Legend for National Interagency Fire Center MODIS Fire Activity Maps

Where available MODIS maps are included for the fires in this report. The MODIS maps display the Moderate Resolution Imaging Spectroradiometer (MODIS) fire detection data, which is collected via satellite. Thermal data, for the northern hemisphere, is collected twice a day, at 12:00 AM EST and 2:00 PM EST.

Color Coding Legend: **Red Circles:** fire activity within the last 0-12 hours; **Orange Circles:** fire activity within the last 12-24 hours
Yellow Circles: Fire activity within the last 24-48 hours

Burn area and perimeter lines of current fires are usually shown in yellow, though occasionally for some fires they are green. Perimeter lines of previous fires from this fire season are shown in gray. More Information about MODIS can be found at: https://www.geomac.gov/viewer/help/modis_active.html and <http://modis-fire.umd.edu>

Weather Information

Source: Cal OES Daily Situation Report - November 15, 2018

RH = Relative Humidity

NORTHERN CALIFORNIA

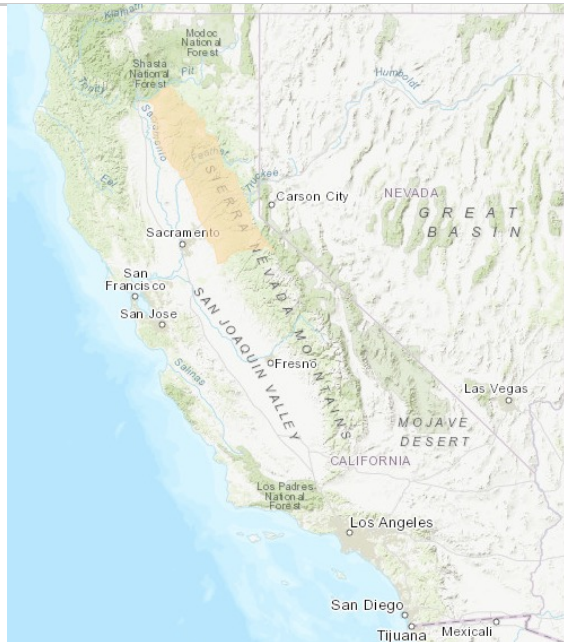
- *** Very dry conditions to continue through Tuesday, with areas of light to moderate night/morning N-NE winds ***
- High pressure will continue to produce warm, dry conditions through Tuesday.
- Night/morning N-NE gusts to 15-25 mph and locally higher in wind-prone spots from the western Cascade-Sierra slopes to the Coast Range through Tuesday, slightly higher Sunday night and Monday. Light up-slope/up-valley winds during afternoons.
- Afternoon Relative Humidity (RH) will be low (5-15%) most afternoons this week with poor overnight recovery (10-25%) in many areas, particularly mid and upper slopes. Some valley locations that have been very dry may see RH will increase in a few days to afternoon minimums of 15-20% and overnight recoveries of 25-35%.
- Afternoon high temperatures will continue 5-10 degrees above normal. Warmest inland areas mostly in the 70s. Overnight lows will be pretty close to seasonal values, and overnight frost/freezing conditions are likely to become a bit more widespread.
- Onshore flow, deeper marine layer and higher RH developing Wednesday. Widespread rain and high elevation snow becoming more likely Thanksgiving Day.

SOUTHERN CALIFORNIA

- A ridge of high pressure will sit over the West Coast through Monday. A series of Pacific troughs will move into the West Coast starting Tuesday of next week.
- There will be local northeast winds of 10 to 20 mph with gusts to 30 mph across the mountains and below the canyons and passes of Southern California this morning, otherwise winds will be light through the middle of next week.
- There will be Widespread single digit minimum humidity through Friday and then minimum humidity will increase into the teens this weekend through Monday. There will be very poor overnight humidity recovery tonight then nighttime humidity recovery will increase Friday through Monday.
- Temperatures will be near to a little above normal through Monday, with mid 50s to mid 60s across the mountains and 70s to low 80s in the valleys.
- Temperatures will cool to a little below normal and humidity will become fairly high Tuesday through the middle of next week.

Red Flag Warnings/Watches

Red Flag Warnings & Watches



 = Fire Weather Warning
 = Fire Weather Watch
 Source: <https://www.weather.gov/fire/>

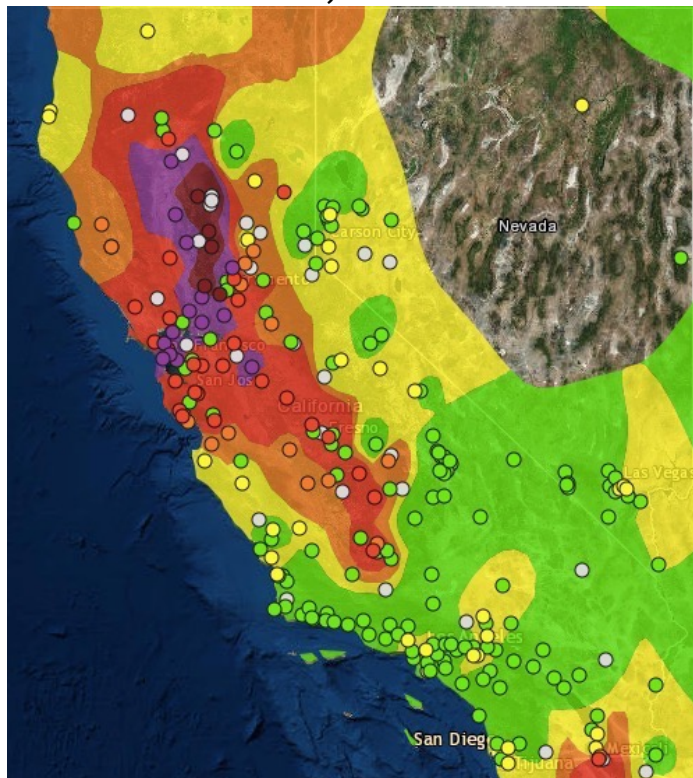
Current Watches, Warnings or Advisories for California Link

<https://alerts.weather.gov/cap/ca.php?x=1>

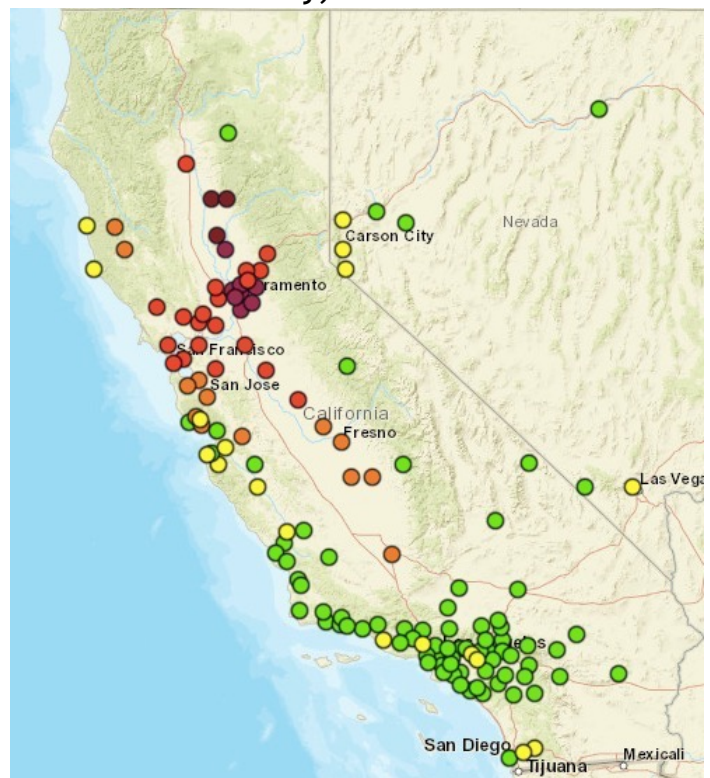
Fire Weather Watch in effect throughout 10:00pm Saturday, November 17 for Northern Motherlode From 1000 to 3000 Ft. From Yuba To Amador Counties; Northern Sierra Foothills from 1000 to 3000 Ft. Includes Nevada-Yuba-Placer RU and Anador-Eldorado RU; Northern Sierra Including Lassen NP and Plumas and Lassen NF, S West of the Sierra Crest - West of Evans Peak, Grizzly Peak, Beckworth Peak; Tahoe - Eldorado National Forest

Air Quality

Current Air Quality as of Nov 16, 2018 12:00am



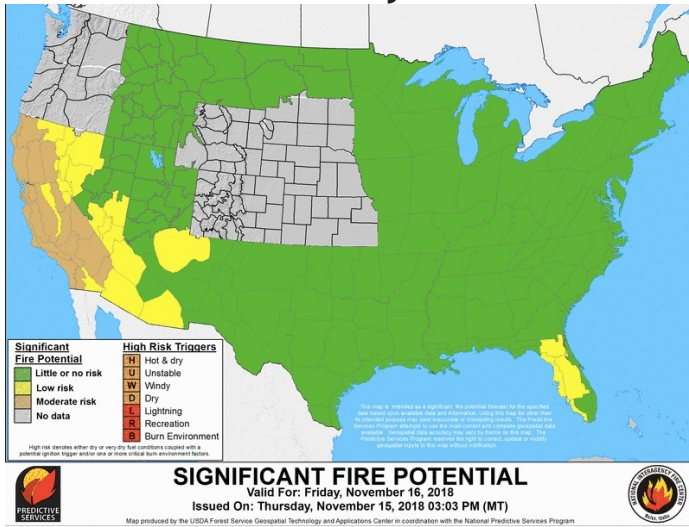
Air Quality Forecast for Friday, November 16



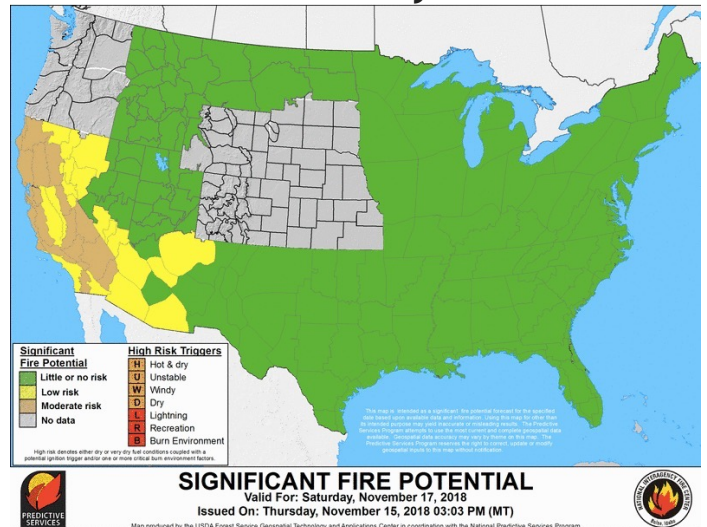
Source: <https://gispub.epa.gov/airnow/>

Significant Fire Potential Maps

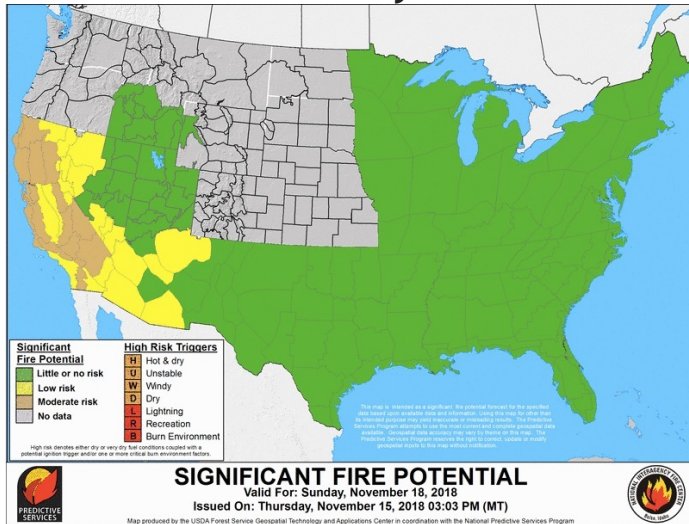
Friday



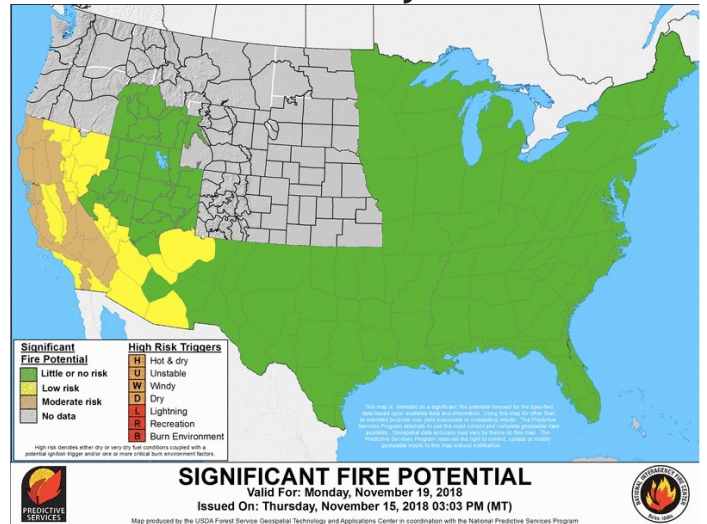
Saturday



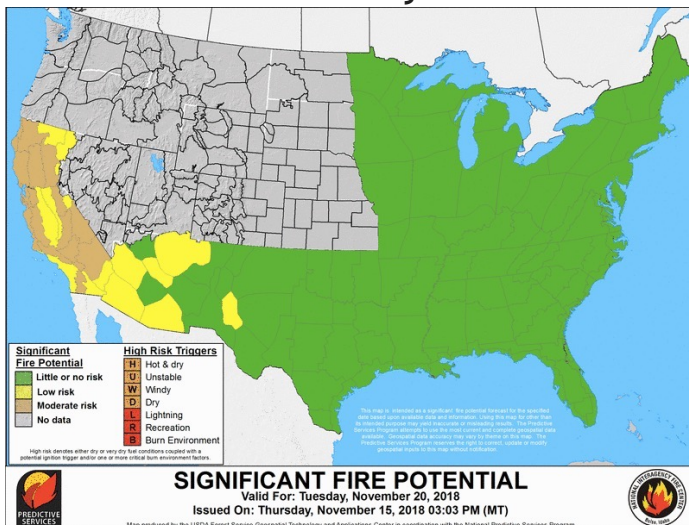
Sunday



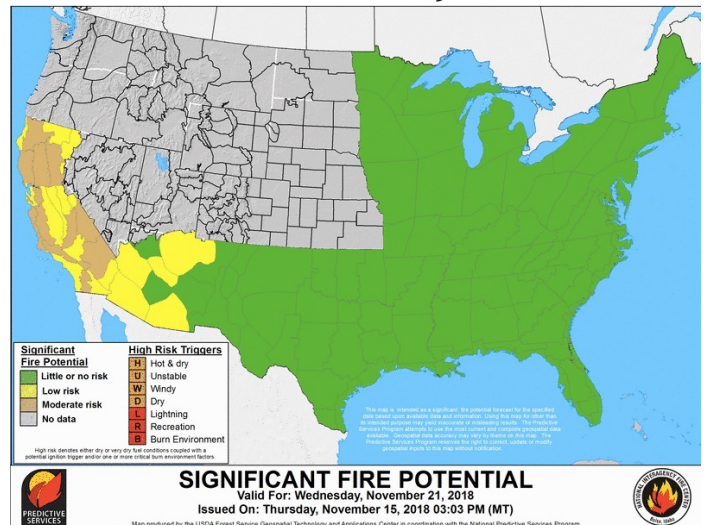
Monday



Tuesday



Wednesday



Source: <http://psgeodata.fs.fed.us/staticmap.html>

Santa Ana WildfireThreat Index



	Threat Level				
	Friday	Saturday	Sunday	Monday	Tuesday
Zone 1: LA-Ventura					
Zone 2: Orange-Inland Empire					
Zone 3: San Diego					
Zone 4: Santa Barbara					

Threat Level

No Rating

Marginal

Moderate

High

Extreme

Description

Winds are either not expected, will not contribute to significant fire activity.

Upon ignition, fires may grow rapidly.

Upon ignition, fires will grow rapidly and will be difficult to control.

Upon ignition, fires will grow very rapidly, will burn intensely, and will be very difficult to control.

Upon ignition, fires will have extreme growth, will burn very intensely, and will be uncontrollable.

Source: <https://fsapps.nwcg.gov/psp/sawti> (Forecast Issued: November 15, 2018 1:32am)

Camp Fire - Butte County

Sources reference number (#) corresponds to number in the information sources at the end of the section.

Acres Burned [Change]	% Contained [Change]
141,000 (1)* [+3,000]	40% (1)* [+5%]

* Change from 11/14/18 Sit Rep

Start Date	Estimated Containment Date
November 8, 2018 (1)	November 30, 2018 (2)

Lead Agency(ies)
Unified Command: CAL FIRE, Butte County Sheriff Department, Paradise Police Department, U.S. Forest Service (1)

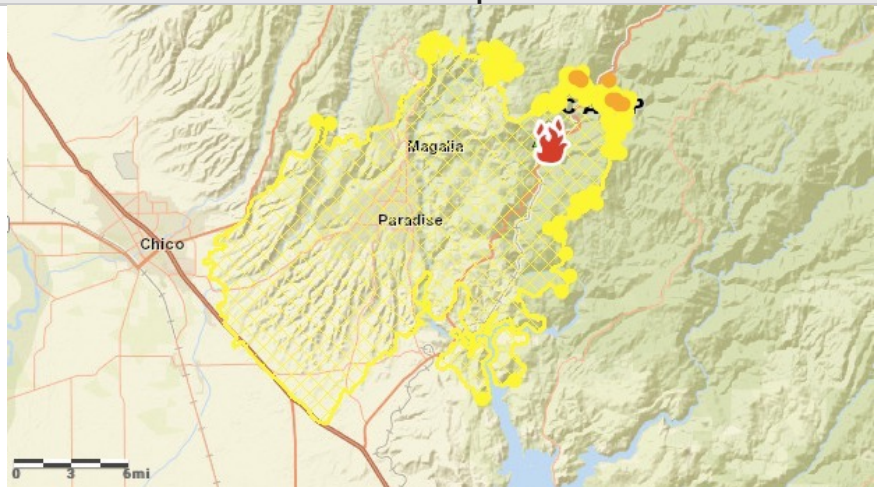
Initial Location
Pulga Road at Camp Creek Road near Jarbo Gap (1)



Cause of the Fire
Under Investigation (1)

Projected Fire Activity
Firefighters worked throughout the day in all areas of the fire to continue suppression efforts while working to strengthen and improve control lines. Firefighters implemented both indirect and direct fire attack methods to make progress in containing the fire. Many portions of the fire are burning in steep and rugged terrain where direct fire attack is difficult. Established containment lines are holding and firefighters continue to patrol the interior of the fire for hot spots. (1)

Hashtags
#CampFire

Fire Maps

Source: National Interagency Fire Center (Nov 15, 2018)
Zip Codes Where the Fire Burned: 95916, 95928, 95938, 95954, 95965, 95967, 95969, 95978, 95980
Zip Codes "Nearby" in the direction the fire active per MODIS: 95940, 95942, 95966

Evacuations

Changes to Evacuation Orders since November 14 Sit Rep

- Little Chico Creek Area (north) the evacuation order is lifted and the area will remain in an evacuation warning. (3)
- Humbug Zone- the evacuation order is lifted. (3)
- Forest Ranch Zone- the evacuation warning for the Forest Ranch zone is lifted. (3)

Evacuation map: <http://nifc.maps.arcgis.com/apps/webappviewer/index.html?id=41fe4499192a4e008a1d0c69a96d6284>

Camp Fire - Butte County (Continued)

Critical Infrastructure Impacts

No significant changes from the November 14 Sit Rep

Transportation Infrastructure

Highways	Changes from November 14 Sit Rep <ul style="list-style-type: none">Highway 32 - no restrictions (5)
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Structures	Threatened	Damaged	Destroyed
Single Residences	15,500 (4)	155 (4)	9,700 (4)
Multiple Residences	-	14 (4)	118 (4)
Mixed Residential/Commercial			4 (4)
Commercial	2,000 (4)	50 (4)	290 (4)
Other Structures		51 (4)	1,790 (4)
Total	17,500	270	11,902

Damage assessments are still ongoing (4)

Damage Assessment Map: <http://calfire-forestry.maps.arcgis.com/apps/webappviewer/index.html?id=5306cc8cf38c4252830a38d467d33728&extent=-13547810.5486%2C4824920.1673%2C-13518764.4778%2C4841526.1117%2C102100>

Fatalities

63 (2)

Firefighter Injuries

3 (2)

Recovery

Disaster Recovery Center opening 11/16/18 at Chico Mall - Sears, 1982 E. 20th St., Chico, 0900-2100 hours. (6)

Information Sources

- 1) Cal Fire Incident Page - Camp Fire: http://www.fire.ca.gov/current_incidents/incidentdetails/Index/2277 (November 15, 2018 7:20 pm)
- 2) Cal Fire Incident Updated - Camp Fire: http://cdfdata.fire.ca.gov/admin8327985/cdf/images/incidentfile2277_4251.pdf (Updated: November 15, 2018 7:00pm)
- 3) Cal Fire Incident Update - Some Evacuation Orders Reduced And Warnings Lifted In Camp Fire Area: http://cdfdata.fire.ca.gov/pub/cdf/images/incidentfile2277_4247.pdf (Updated: November 15, 2018 2:30pm)
- 4) Northern California Geographical Area Coordination Center - Short Briefing 209 Summary Report - Camp Fire (Updated: November 15, 2018 5:50pm)
- 5) Cal Trans Current Conditions - Hwy 32: <http://www.dot.ca.gov/cgi-bin/roads.cgi?roadnumber=32&submit=Search> (Viewed: November 15, 2018 11:33pm)
- 6) Cal OES Daily Situation Brief - November 15, 2018

Nurse Fire - Solano County

Sources reference number (#) corresponds to number in the information sources at the end of the section.

— FINAL —

Acres Burned [Change]	% Contained [Change]
1,500 (1) [-1,000]	90% (1)* [+30%]

*The last report found for the Nurse fire was from Nov 9.

Start Date	Estimated Containment Date
November 8, 2018 (1)	-

Lead Agency(ies)
Suisun City Fire Protection District (1)

Initial Location
off Highway 12 and Nurse Blue Road, Suisun City (1)

Structures Threatened	Structures Destroyed
-	-

Evacuations
Structure threat has been mitigated and all evacuations have been lifted. (2)

Other Infrastructure Threats
None listed

Projected Fire Activity
-

Cause of the Fire
Not listed

Hashtags
#NurseFire



Fire Maps
Source: NASA FIRMS Map (burn area in black)
Impacted Zip Codes: 94585

Information Sources

- 1) Cal Fire Incident Page - Nurse Fire: http://www.fire.ca.gov/current_incidents/incidentdetails/Index/2280 (Updated: November 09, 2018 11:56 am)
- 2) Northern California Geographic Coordination Center News & Notes - Nurse Fire: <https://gacc.nifc.gov/oncc/news.php> (Updated: November 8, 2018 4:30pm)

Alder Fire - Tulare County

Sources reference number (#) corresponds to number in the information sources at the end of the section.

Acres Burned [Change]	% Contained [Change]
2903 (1) [+897]	55% (1) [+0%]

Start Date	Estimated Containment Date
October 4, 2018 (1)	November 30, 2018 (1)

Lead Agency(ies)
Sequoia National Forest (1)

Initial Location
5 miles N of Camp Nelson, in Giant Sequoia National Monument (1)

Structures Threatened	Structures Destroyed
None (3)	None (3)

Area Closure / Evacuations
Area Closure still in effect (2)

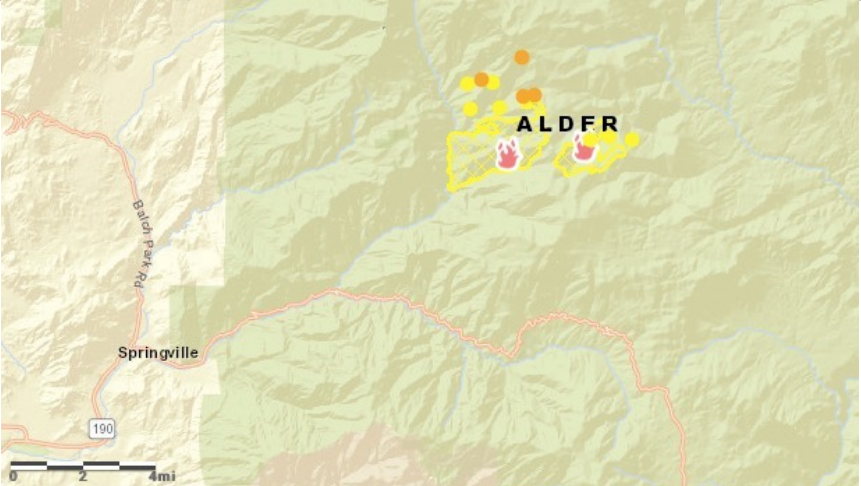
Other Infrastructure Threats
None listed

Cause of the Fire
Lightning (1)

Additional Maps
https://inciweb.nwcg.gov/incident/maps/6238/

Hashtags
#alderfire



Fire Maps

Source: National Interagency Fire Center Map (Nov 15, 2018)
Impacted Zip Codes: 93265
Nearby Zip Codes: -
Fire Information Line: 559-539-2607 ext. 2212
Projected Fire Activity
Late afternoon Wednesday, the Alder fire spotted across Burro Creek, and spread northwest towards Mountain Home Demonstration State Forest (Mountain Home). The wildfire grew an estimated 200 acres, burned through a portion of Mountain Home, and is advancing towards an area burned in the 2016 Hidden wildfire. (2)

Information Sources

- 1) InciWeb Incident Page - Alder Fire and Mountaineer Fire and Moses Fire: <https://inciweb.nwcg.gov/incident/6238/> (Updated: November 15, 2018 2:56pm)
- 2) InciWeb Incident Update - Wildfire Update - Alder, Mountaineer and Moses Wildfires: <https://inciweb.nwcg.gov/incident/article/6238/48782/> (Updated: November 15, 2018)
- 3) Southern California Area Coordination Center Situation Report - Alder Fire (Updated: November 15, 2018 12:49pm)

Eden Fire - Tulare County

Sources reference number (#) corresponds to number in the information sources at the end of the section.

Acres Burned [Change]	% Contained [Change]
375 (1) [+224]	5% (2) [+3%]

Start Date	Estimated Containment Date
October 4, 2018 (1)	Not listed

Lead Agency(ies)
Sequoia and Kings Canyon National Parks (1)

Initial Location
Eden Grove, John Krebs Wilderness, Sequoia National Park (1)

Structures Threatened	Structures Destroyed
None (2)	None (2)

Evacuations
Burning in wilderness (1)

Other Infrastructure Threats
no threats listed

Projected Fire Activity
Fire has slowed its progress in the Eden Creek drainage on the western edge of the fire. Fire however has established itself on the east side of the eastern branch of Eden Creek drainage. (1)

Cause of the Fire
Lightning (1)

Hashtags
#EdenFire



Fire Maps
Source: National Interagency Fire Center (Nov 15, 2018)
Impacted Zip Codes: 93271
Fire Information Line: 559-565-3704 or seki_fire_info@nps.gov
Fire Maps: https://inciweb.nwcg.gov/incident/maps/6248/

Information Sources

- 1) InciWeb Incident Page - Eden Fire: <https://inciweb.nwcg.gov/incident/6248/> (Updated: November 14, 2018 12:59pm)
- 2) Southern California Area Coordination Center Situation Report - Eden Fire (Updated: November 15, 2018 2:15pm)

Mountaineer Fire - Tulare County

Sources reference number (#) corresponds to number in the information sources at the end of the section.

Acres Burned [Change]	% Contained [Change]
1,152 (1) [+624]	50% (1) [+50%]

Start Date	Estimated Containment Date
October 13, 2018 (2)	November 30, 2018 (1)

Lead Agency(ies)
Sequoia National Forest (1)

Initial Location
N of Summit trailhead and .5 miles E of Alder Fire, in Golden Trout Wilderness. (1)

Structures Threatened	Structures Destroyed
None (3)	None (3)

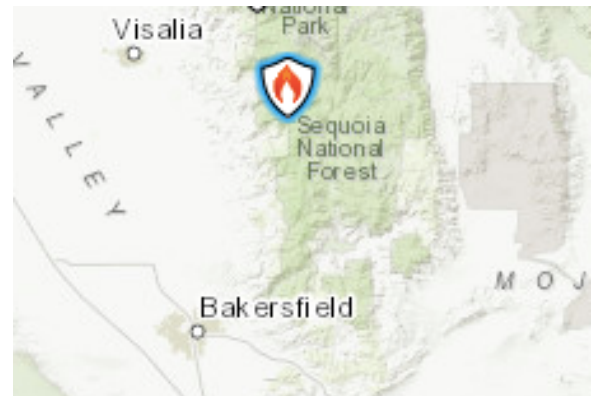
Area Closure / Evacuations
Area Closure still in effect (3)

Other Infrastructure Threats
None listed

Projected Fire Activity
The fire continues to burn north of Summit Trailhead northeast along South Mountaineer Creek, and towards Jacobson Creek in the Golden Trout Wilderness. Fire intensity is low as the wildfire continues to spread through dead trees and ground vegetation. (2)

Cause of the Fire
Lightning (1)

Hashtags
#MountaineerFire



Fire Maps
Source: National Interagency Fire Center Map (Nov 15, 2018)
Impacted Zip Codes: 93265
Nearby Zip Codes: -
Fire Information Line: 559-539-2607 ext. 2212

Information Sources

- 1) InciWeb Incident Page - Alder Fire and Mountaineer Fire and Moses Fire: <https://inciweb.nwcg.gov/incident/6238/> (Updated: November 15, 2018 2:56pm)
- 2) InciWeb Incident Update - Wildfire Update - Alder, Mountaineer and Moses Wildfires: <https://inciweb.nwcg.gov/incident/article/6238/48782/> (Updated: November 15, 2018)
- 3) Southern California Area Coordination Center Situation Report - Mountaineer Fire (Updated: November 15, 2018 11:56am)

Hill Fire - Ventura County

Sources reference number (#) corresponds to number in the information sources at the end of the section.

Acres Burned [Change]	% Contained [Change]
4,531 (1) [+0]	99% (1) [+3%]

* Change from 11/14/18 Sit Rep

Start Date	Estimated Containment Date
November 8, 2018 (1)	November 16, 2018 (2)

Lead Agency(ies)
Cal Fire, Ventura County Fire, Ventura Sheriff Dept (2)

Initial Location
Hill Canyon Rd and Santa Rosa Rd, Santa Rosa Valley (1)



Structures Damaged	Structures Destroyed
2 (1)	2 (1)

Evacuations
None (2)

Infrastructure Impacts
See Woolsey Fire for changes to utility infrastructure since the November 14 Sit Rep

Cause of the Fire
Under Investigation (1)

Hashtags
#HillInc

Fire Maps

A map of Ventura County showing the areas affected by Hill and Woolsey fires. Hill Fire is indicated by a red flame icon near Camarillo, and Woolsey Fire is indicated by a red flame icon near Thousand Oaks. The map shows major roads and geographical features. A scale bar indicates 0 to 10 miles.

Source: [National Interagency Fire Center \(Nov 15, 2018\)](#)

Zip Codes Where the Fire Burned: 91320, 91360, 93012,

Fire Information Line: 805-465-6650

Projected Fire Activity

Fire suppression repair teams are actively engaged working around the fire perimeter and affected areas. For Thursday night, weak downcanyon flow is anticipated with weak northeasterly winds at the ridges. Relative humidity will exhibit moderate recovery overnight at the lower elevations and poor recovery across the ridges and upper slopes. (2)

Recovery

Ventura County Local Assistance Center - Grant B. Brimhall Library, 1401 E. Janass Rod, Thousand Oaks. Open until November 20. FEMA will have a mobile LAC parked outside until they open the Disaster Assistance Center next Wednesday (3)

Information Sources

- 1) Cal Fire Incident Page - Hill Fire: http://www.fire.ca.gov/current_incidents/incidentdetails/Index/2281 (Updated: November 15, 2018 6:50 pm)
- 2) Cal Fire Incident Update - Hill Fire: http://cdfdata.fire.ca.gov/pub/cdf/images/incidentfile2281_4254.pdf (Updated: November 15, 2018 7:00pm)
- 3) Cal OES Daily Situation Report - November 15, 2018

Woolsey Fire - Los Angeles & Ventura Counties

Sources reference number (#) corresponds to number in the information sources at the end of the section.

Acres Burned [Change]	% Contained [Change]
98,362 (1)* [+0]	62% (1)* [+10%]

* Change from 11/14/18 Sit Rep

Start Date	Estimated Containment Date
November 8, 2018 (1)	November 19, 2018 (2)

Lead Agency(ies)
CAL FIRE, Ventura County Fire Dept., Ventura County Sheriff Dept., Los Angeles County Fire Dept., Los Angeles City Fire Dept., Los Angeles County Sheriff Dept., National Park Service (2)

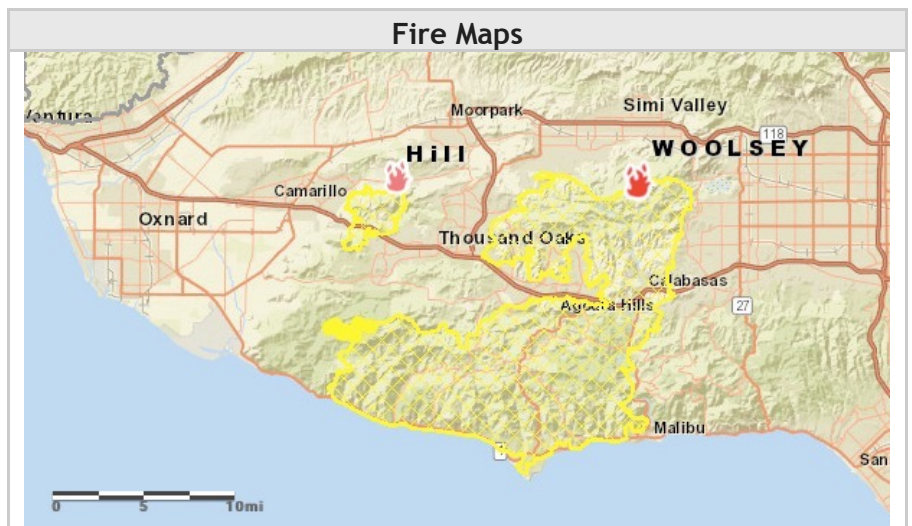
Location
Thousand Oaks, Oak Park, Westlake Village, Agoura Hills, West Hills, Simi Valley, Chatsworth, Bell Canyon, Hidden Hills, Malibu and Calabasas (2)

Structures		
Threatened	Damaged	Destroyed
None (5)	157 (1)	548 (1)

Currently 53% of the burn assessment is complete. (1)

Cause of the Fire
Under Investigation (1)

Hashtags
#woolseyfire



Source: [National Interagency Fire Center \(Nov 15, 2018\)](#)

Zip Codes Where the Fire Burned: 90265, 91301, 91302, 91304, 91307, 91308, 91311, 91361, 91362, 91367, 91377, 93062, 93064, 93065

Zip Codes Near Where Fire is Active per MODIS: 91320, 93012

Projected Fire Activity

For Thursday night, weak down canyon flow is anticipated with weak northwesterly winds at the ridges. Relative humidity will exhibit moderate recovery overnight at lower elevations and poor recovery across the ridges and upper slopes. Firefighting resources will pursue opportunities to build and improve direct line to minimize further perimeter growth and support containment objectives. Fire suppression repair teams are actively engaged working around the fire perimeter and affected areas. (1)

Woolsey Fire - Los Angeles & Ventura Counties (cont.)

Evacuations

Changes since November 14 Sit Rep - Evacuations Lifted

- The mandatory evacuation orders have been lifted for homes adjacent to Pacific Coast Highway (HWY 1) between Las Posas Road and the Ventura / Los Angeles County Line. Residents will be required to provide identification of residence at the Las Posas Road at Pacific Coast Highway road closure to access the area. (2)
- The following areas inside of the City of Calabasas will be opened to residents only beginning at 6:00 p.m. on Thursday afternoon: Old Topanga Canyon Road from Mulholland Highway to Calabasas City limit (2)

Evacuation map: <http://calfire-forestry.maps.arcgis.com/apps/webappviewer/index.html?id=94af3440d4504c5da3048f6124fc53d5>

Utility Infrastructure Impacts

Only showing changes to Utility Infrastructure since the November 14 Sit Rep

Power	As of 12:00 p.m. Thursday, approximately 6,400 customers were without power due to the Woolsey and Hill fires. (3)
	Woolsey Fire Restoration Update as of 11/15/18 @ 1200: https://www.edison.com/content/dam/eix/documents/woolsey_update.pdf
	Woolsey Fire Restoration Map 11/14/18 1300: https://www.edison.com/content/dam/eix/documents/dat-overview-20181115.pdf
Communications	17 AT&T sites, 28 T-Mobile sites, 3 Verizon, and 15 Sprint sites down. (4)

Fatalities

3 (2)

Firefighter Injuries

3 (2)

Recovery

Ventura County Local Assistance Center - Grant B. Brimhall Library, 1401 E. Janass Rod, Thousand Oaks. Open until November 20. FEMA will have a mobile LAC parked outside until they open the Disaster Assistance Center next Wednesday (4)

SBA Business Recovery Center opening 11/16/18 at Ventura County Community Foundation Building Economic Development Collaborative (EDC), Mon-Sat 0900-1800, Closed 11/22/18 (4)

Los Angeles County anticipates opening Disaster Assistance Centers (DAC) in Malibu and Agoura Hills as early as 11/17/2018 (4)

Information Sources

- 1) Cal Fire Incident Page - Woolsey Fire: http://www.fire.ca.gov/current_incidents/incidentdetails/Index/2282 (Updated: November 15, 2018 7:57 pm)
- 2) Cal Fire Incident Update - Woolsey Fire: http://cdfdata.fire.ca.gov/admin8327985/cdf/images/incidentfile2282_4253.pdf (Updated: November 15, 2018 7:00pm)
- 3) Southern California Edison - Fire-Related Outages: <https://www.sce.com/wps/portal/home/outage-center/major-outages/> (Updated: November 15, 2018 4:00pm)
- 4) Cal OES Daily Situation Report - November 15, 2018
- 5) Southern California Area Coordination Center Situation Report - Woolsey Fire (Updated: November 15, 2018 5:42pm)

General Recovery Resources

Missing People & Check-Ins	Red Cross Safe & Well: https://safeandwell.communityos.org/cms/index.php
Volunteering	California Volunteers Current Incidents Page: https://californiavolunteers.ca.gov/current-disasters/
Donations - Financial	List of Organizations coordinating financial contribution: https://californiavolunteers.ca.gov/current-disasters/
Donations - Goods	<p><i>Please do not send in-kind donations without first coordinating with the receiving agency. Unsolicited in-kind donations strain the system.</i></p> <p>California Volunteers Current Incidents Page: https://californiavolunteers.ca.gov/current-disasters/</p> <p>Cal OES Business Operations Center: businessOP@caloes.ca.gov</p>
Coping with Disaster Resources	<p>National Disaster Distress Helpline, 1-800-985-5990 or text TalkWithUs to 66746, available 24 hours a day, seven days a week is a hotline dedicated to providing immediate crisis counseling for people who are experiencing emotional distress related to any natural or human-caused disaster. https://www.samhsa.gov/find-help/disaster-distress-helpline</p> <p>Parent Guidelines for Helping Children Impacted by Wildfires: https://www.nctsn.org/sites/default/files/resources/parents_guidelines_for_helping_children_impacted_by_wildfires.pdf</p> <p>US Department Health & Human Services: Tips for Survivors of a Traumatic Event Managing Your Stress: https://store.samhsa.gov/shin/content/NMH05-0209R/NMH05-0209R.pdf</p> <p>National Institute of Mental Health: Coping with Traumatic Events: https://www.nimh.nih.gov/health/topics/coping-with-traumatic-events/index.shtml</p> <p>FEMA - Coping with Disaster: https://www.fema.gov/coping-disaster</p>
Debris Removal	<p>State/Federal Wildfire Debris Removal Program Eligibility Chart: https://www.co.shasta.ca.us/docs/libraries/resource-management-docs/ehd-docs/State-Federal-Wildfire-Debris-Removal-Program.pdf</p> <p>California Wildfires Household Hazardous Waste and Consolidated Debris Removal Programs Fact Sheet: https://www.co.shasta.ca.us/docs/libraries/resource-management-docs/ehd-docs/fact-sheet-hhw-and-debris-removal.pdf</p> <p>EPA - Dealing with Debris and Damaged Buildings: https://www.epa.gov/natural-disasters/dealing-debris-and-damaged-buildings</p> <p>Cal EPA - Fact Sheet: Protecting Public Health from Home and Building Fire Ash: http://calepa.ca.gov/wp-content/uploads/sites/34/2016/10/Disaster-Documents-FireAsh.pdf</p> <p>Department of Toxic Substances Control - Handling Ash, Debris and other Hazardous Materials from Burned Structures: http://www.dtsc.ca.gov/HazardousWaste/upload/Fire_Emergency_Guidance_FS_1.pdf</p> <p>Safe Cleanup of Fire Ash: https://www.arb.ca.gov/carpa/toolkit/emerg-response/safe-cleanup-fire-ash.pdf</p>
Food Waste	Refrigerated Foods and Power Outages: When to Save and When to Throw Out: http://www.mariposacounty.org/DocumentCenter/View/66552

Continued on Next Page

General Recovery Resources

Guides - Employee Safety / Employer Responsibilities	<p>CA Department of Industrial Relations - Worker Safety and Health During Fire Cleanup: https://www.dir.ca.gov/dosh/wildfire/Worker-Health-and-Safety-During-Fire-Cleanup.html</p> <p>CA Department of Industrial Relations - Respiratory Protection During Fire Cleanup: https://www.dir.ca.gov/dosh/Fire_Resp_Protection.html</p> <p>CA Department of Industrial Relations - Personal Protective Equipment During Fire Cleanup: https://www.dir.ca.gov/dosh/wildfire/Protective-Equipment-During-Fire-Cleanup.html</p>
Insurance	<p>California Department of Insurance - Wildfire Resources Website: http://www.insurance.ca.gov/01-consumers/140-catastrophes/WildfireResources.cfm</p> <p>California Department of Insurance - Resources to Help Recent Wildfire Victims: https://www.insurance.ca.gov/01-consumers/140-catastrophes/WildfireResources.cfm</p>
Replacing Vital Records	<p>USA.gov Replacing Your Vital Records: https://www.usa.gov/replace-vital-documents</p>
Disaster Assistance	<p>USDA Assistance for Rural Homeowners and Rental Tenants and Rural Communities: https://www.co.shasta.ca.us/docs/libraries/resource-management-docs/ehd-docs/ca-disasterresourcesstatewide.pdf?sfvrsn=66cefb89_0</p>
Unemployment Assistance	<p>California Employment Development Department (EDD), provides temporary unemployment benefits to people whose jobs or work hours were directly impacted by the fires. https://www.edd.ca.gov/about_edd/disaster_related_services.htm</p> <p>Disaster Unemployment Assistance: https://www.edd.ca.gov/unemployment/Disaster_Unemployment_Assistance.htm</p>
Recovery Resource Lists	<p>Cal OES Statewide Wildfire Recovery Resources: http://wildfirerecovery.org</p>

Downloadable Map Files

File	Link	Download Guide #	File Types
Air Quality Index (AQI)	https://airnow.gov/index.cfm?action=google_earth.index	A	KML Only
Cal Fire Statewide Fire Map	https://www.google.com/maps/d/viewer?mid=1TOEFA857tOVxtewW1DH6neG1Sm0&hl=en	B	KML & KMZ
NASA Active Fire Data Maps	https://firms.modaps.eosdis.nasa.gov/active_fire/#firms-shapefile	C	Shape files, KML, & CSV

Download Instructions

Guide #	Instructions
A	Step 1 under Instructions for Google Earth has the “click here” download link
B	<ol style="list-style-type: none"> 1) click on the three dots in the red header bar for the more options dropdown menu 2) select “Download KML” 3) Select whether you want a KML or KZM File
C	<ol style="list-style-type: none"> 1) Select Shapefiles, Google Earth KML, or Text (CSV) 2) Select desired timeframe under “USA (Conterminous) and Hawaii”

Guide for Overlaying Zip Code Data in Google Earth

After opening KML or KZM file in Google Earth activate the Postal Code Boundary layer to see the zip codes. Postal Code Boundary layer is located in Google Earth under Layers -> More -> US Government -> Postal Code Boundary. Tip: to make it easier to see the zip code boundaries, turn off the roads layer.

USGS Post-Fire Debris Flow Hazard Assessment Maps

The USGS conducts post-fire debris-flow hazard assessments for select fires in the Western U.S. We use geospatial data related to basin morphometry, burn severity, soil properties, and rainfall characteristics to estimate the probability and volume of debris flows that may occur in response to a design storm. Wildfire can significantly alter the hydrologic response of a watershed to the extent that even modest rainstorms can produce dangerous flash floods and debris flows.

Fire	County(ies)	Link
Carr Fire	Shasta, Trinity	https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=206
Cranston Fire	Riverside	https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=203
Donnell and McCormick Fire	Tuolumne	https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=217
Ferguson Fire	Mariposa	https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=209
Georges Fire	Inyo	https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=193
Hire & Delta Fires	Shasta, Siskiyou, & Trinity	https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=226
Holy Fire	Orange, Riverside	https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=211
Klamathon Fire	Siskiyou	https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=199
Mendocino Complex - Ranch Fire	Lake, Mendocino	https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=214
Mendocino Complex - River Fire	Lake, Mendocino	https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=210
Natchez Fire	Del Norte & Siskiyou	https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=228
Pawnee Fire	Lake	https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=213
Valley Fire	San Bernardino	https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=195

Downloadable Geodatabase and Shape files are available towards the bottom of the linked USGS pages.

Wildfire Resource Links

National Significant Wildland Fire Potential Outlook

https://www.predictiveservices.nifc.gov/outlooks/monthly_seasonal_outlook.pdf

Cal Fire Incident Page

http://www.fire.ca.gov/current_incidents

National Interagency Coordination Center Daily Situation Report (Fire)

<https://www.nifc.gov/nicc/sitreprt.pdf>

CalFire 2018 Wildfire Map

<https://www.google.com/maps/d/viewer?mid=1HacmM5E2ueL-FT2c6QMVzoAmE5M19GAf&hl=en&ll=37.421476393980626%2C-119.27200899999997&z=6>

National 7-Day Significant Fire Potential Map

<http://psgeodata.fs.fed.us/forecast/#/outlooks?state=map>

Air Quality Conditions - Fires Map

https://airnow.gov/index.cfm?action=topics.smoke_wildfires

CDC Wildfire Smoke Exposure

<https://www.cdc.gov/disasters/wildfires/smoke.html>

NOAA Hazard Mapping System Fire and Smoke Product

<http://www.ospo.noaa.gov/Products/land/hms.html>

Red Cross Disaster Shelter Locations

<http://www.redcross.org/get-help/disaster-relief-and-recovery-services/find-an-open-shelter>

USGS Emergency Assessment of Post-Fire Debris-Flow Hazards

https://landslides.usgs.gov/hazards/postfire_debrisflow/

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