

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 - October 11, 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
Del Norte & Siskiyou Counties						
Natchez Fire (FINAL)	38,134 [+0]	89% [+5%]	Area Closures	None listed	None	7
Shasta, Siskiyou, & Trinity Counties						
Delta Fire (FINAL)	63,311 [+18]	100% [+3%]	Area Closure	None	45	8
Solano County						
Branscombe Fire* (FINAL)	4,500	90%	None listed	Unknown	2	9
Tehama County						
Sun Fire * (FINAL)	3,889	92%	Lifted	None	None	10

* Newly added fire

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>



Current Wildland Fires

as of October 11 2018 - 0800 Hours



Active Fire(1)

LRA - Local Responsibility Area
SRA - State Responsibility Area
FRA - Federal Responsibility Area



QR Code

October 11 2018 - 0800 hrs
Produced by: Cal OES GIS Division
Source: CalOES, FAMWEB 200s, IRWIN
Active_Incident\Fires\Statewide_Daily_Fire_Maps
Statewide_Daily_Fire_Maps.aprx

Weather Information

Source: Cal OES Daily Situation Report - [October 11, 2018](#)

RH = Relative Humidity

NORTHERN CALIFORNIA

- A weak upper level disturbance will move from N-S over Northern California today, keeping temps near normal with seasonal relative humidity (RH) values. Isolated light showers are possible in the Tahoe area.
- High pressure building in from the Eastern Pacific will dominate Northern California's weather tonight through much of next week.
- N-NE/Offshore winds expected from the Western Cascade-Sierra slopes-coast from late today through much of next week. Strongest night/morning gusts 30-35 mph on the lower Western Cascade-Sierra slopes and nearby foothills, and 25-30 mph Sacramento Valley to Lake, Napa, and Sonoma Counties in Mid Coast PSA Friday-Sunday. Strongest afternoon gusts to 25 mph same areas today-Sunday.
- Windy areas will see min p.m. RH 8-18% Friday-Sunday and overnight recovery to 15-30% Friday night through early Monday. These conditions may continue Monday-next Thursday, with lighter winds.
- Afternoon high temperatures near normal today then 3-7 degrees above normal Friday-Thursday.

SOUTHERN CALIFORNIA

- Cool, onshore flow will continue today near the coast while a few spotty showers will be possible in the Sierras. The flow aloft will turn northeast tonight, leading to weak offshore winds Friday, mainly across the mountains of Southern California. Temperatures will warm up Friday, but more humid, showery weather may occur Saturday. Much warmer/drier will develop early next week as stronger offshore flow develops.
- Temperatures today remaining in the 60s in the mountains to the upper 70s in the valleys. Expect highs to warm back into the 80s in the valleys Friday through the weekend.
- Local northeast winds 10-20 mph with gusts to 30 mph over Southern California, mainly above 2,500 feet. Winds ending Friday night.
- Isolated showers will be possible over the Sierra Thursday afternoon. Saturday, up to a half inch of rain may occur across the Cleveland National Forest with trace amounts possible over the rest of Southern California.
- Offshore winds increasing to 15-30 mph with higher gusts Monday over Southern California. The strongest winds may occur over Los Angeles and Ventura Counties.
- Temperatures may reach 90 in the valleys Monday and Tuesday with RH falling into the 8-15% range.

Red Flag Warnings/Watches & Air Quality

Red Flag Warnings & Watches

As of Oct 11, 2018 @ 9:00pm



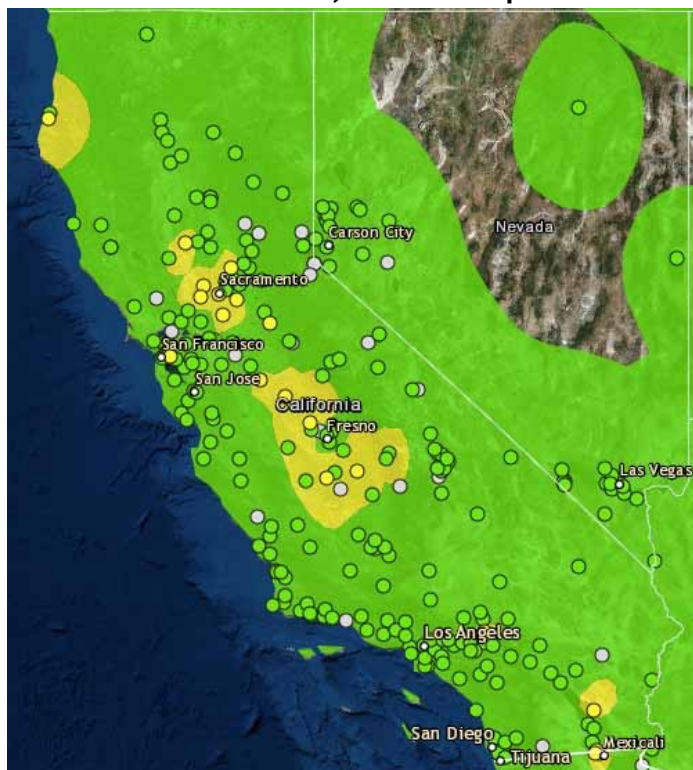
No active Red Flag watches or warnings currently.

Source: <https://www.weather.gov/fire/>

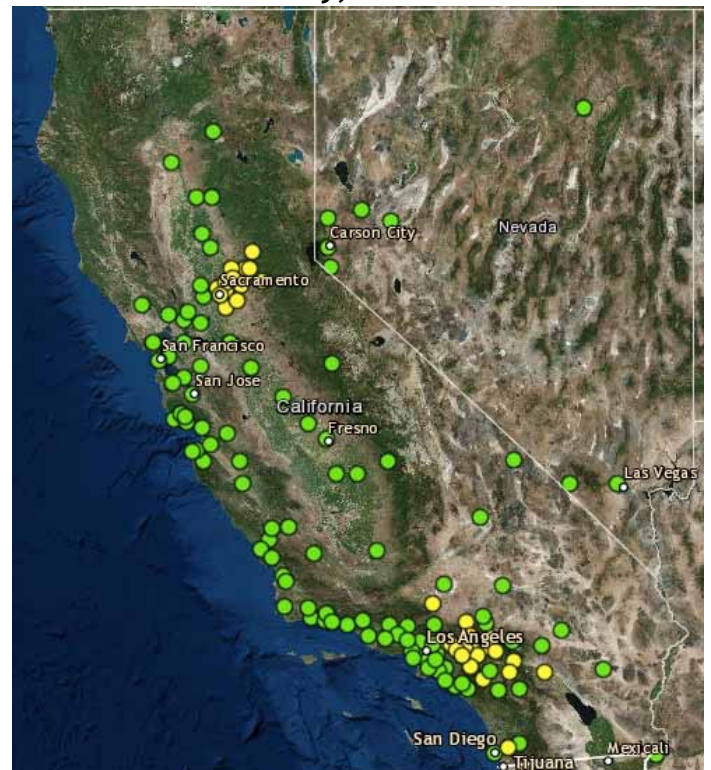
Current Watches, Warnings or Advisories for California Link

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

Current Air Quality as of Oct 11, 2018 8:00pm



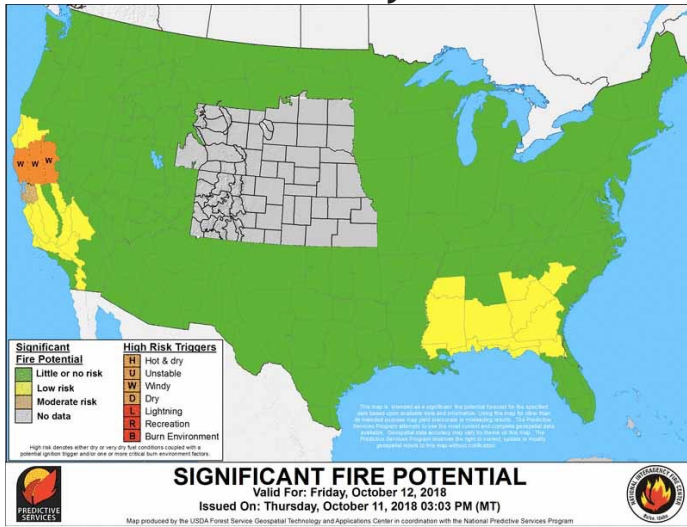
Air Quality Forecast for Friday, October 12



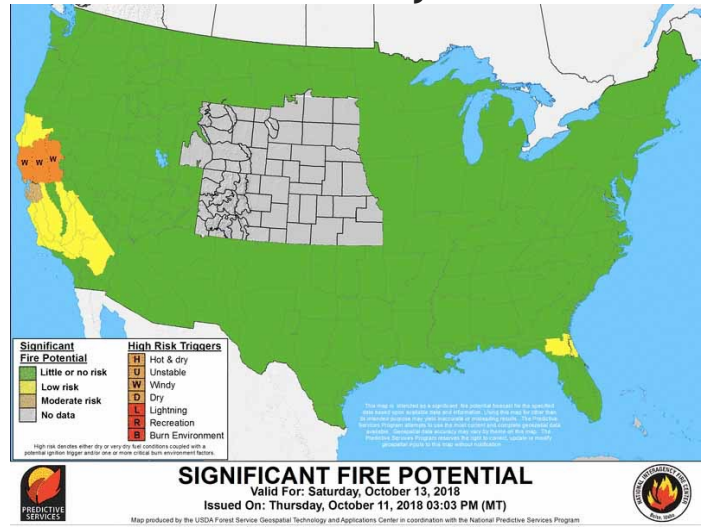
Source: <https://gispub.epa.gov/airnow/>

Significant Fire Potential Maps

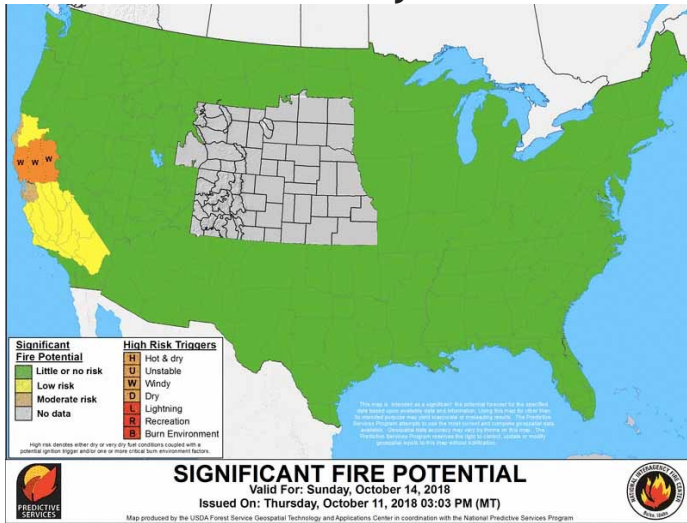
Friday



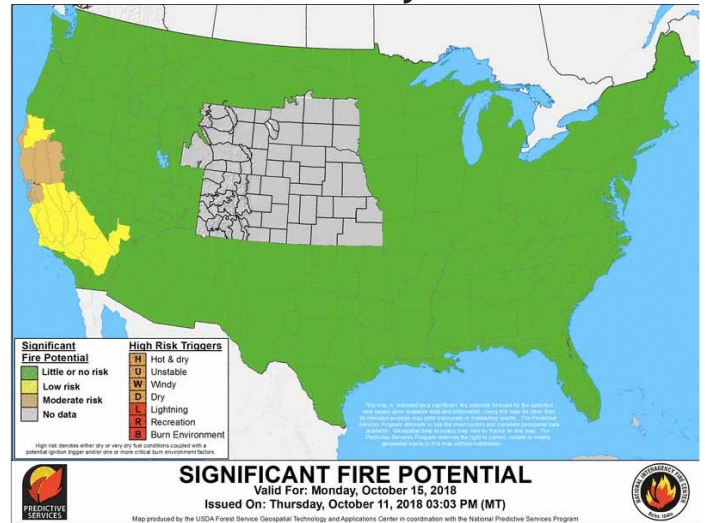
Saturday



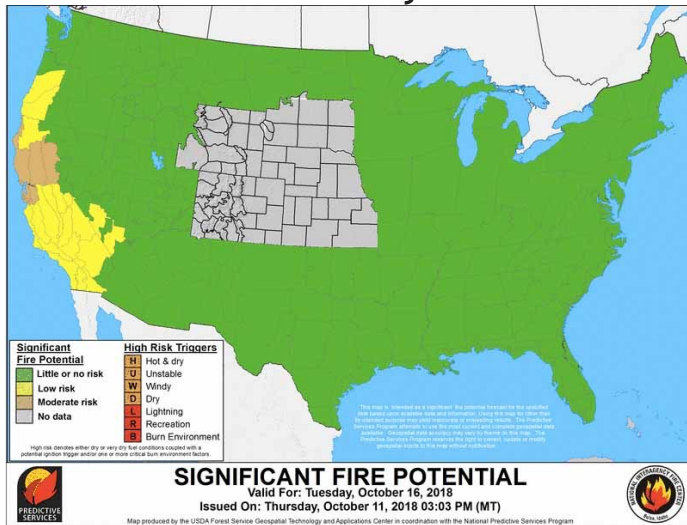
Sunday



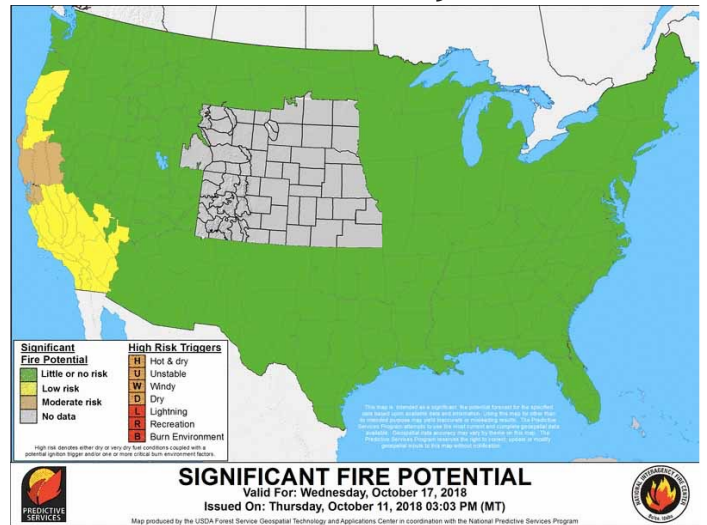
Monday



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	Description
No Rating	Winds are either not expected, will not contribute to significant fire activity.
Marginal	Upon ignition, fires may grow rapidly.
Moderate	Upon ignition, fires will grow rapidly and will be difficult to control.
High	Upon ignition, fires will grow very rapidly, will burn intensely, and will be very difficult to control.
Extreme	Upon ignition, fires will have extreme growth, will burn very intensely, and will be uncontrollable.

Source: <https://fsapps.nwcg.gov/psp/sawti> (Forecast Issued: Oct 8, 2018 2:30am)

Natchez Fire - Del Norte & Siskiyou Counties

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

— FINAL, unless situation changes —

US Forest Service is no longer providing updates as of October 9, if the situation changes and new updates are provided information will be shared.

Acres Burned [Change]	% Contained [Change]
38,134 (1) [+0]	89% (1) [+5%]

Start Date	Estimated Containment Date
July 15, 2018 (1)	October 15, 2018 (1)

Lead Agency(ies)
Klamath National Forest (1)

Initial Location
8 mi NW of Happy Camp, CA & 15 mi SE of Cave Junction, OR (1)

Structures Threatened	Structures Destroyed
None listed	None (2)

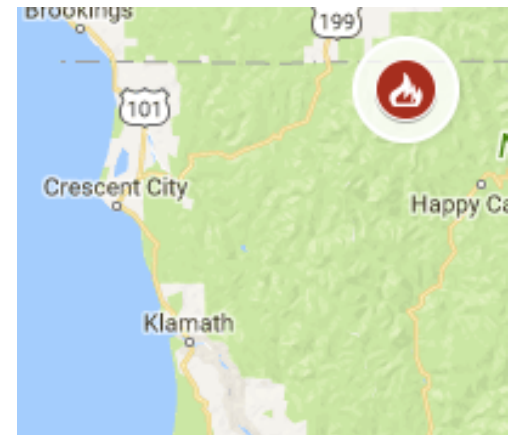
Evacuations / Area Closures
Road closures for the Natchez Fire have been lifted on the Rogue River-Siskiyou and Klamath National Forests; however, trail and wilderness area closures remain in effect. (1)

Infrastructure Impacts
None listed

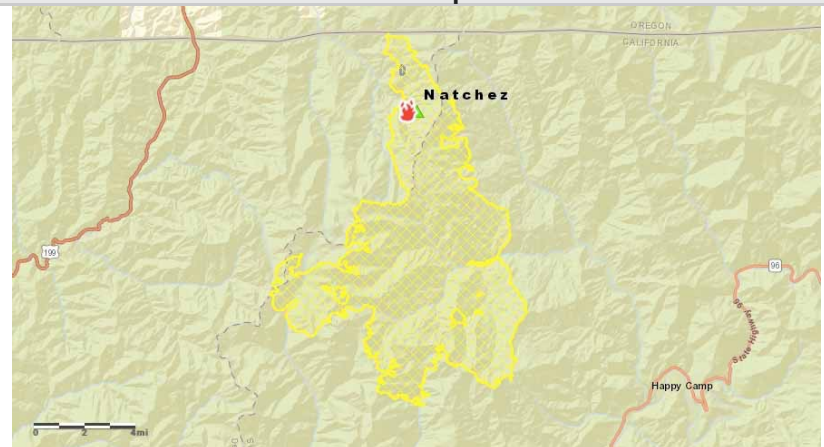
Cause of the Fire
Lightning (1)

Hashtags
#NatchezFire

Additional Maps
https://inciweb.nwcg.gov/incident/maps/5948/



Fire Maps



Source: [National Interagency Fire Center Map \(Oct 11, 2018\)](#)
Note: Cloud cover can impact data collection

Impacted Zip Codes: 96039

Nearby Zip Codes: -

Fire Information Line: The Fire Information Phone and email will no longer be available. Please contact the Klamath National Forest at 530-841-4485 with any questions.

Projected Fire Activity

Widespread rain over the fire has prohibited fire spread for the past week, and smoke production has been significantly reduced. Fuels continue to smolder on the southwest side of the fire. Mostly clear skies and relatively dry weather conditions are expected over the fire area for the next few days, but wet fuels will prohibit fire spread. (1)

Information Sources

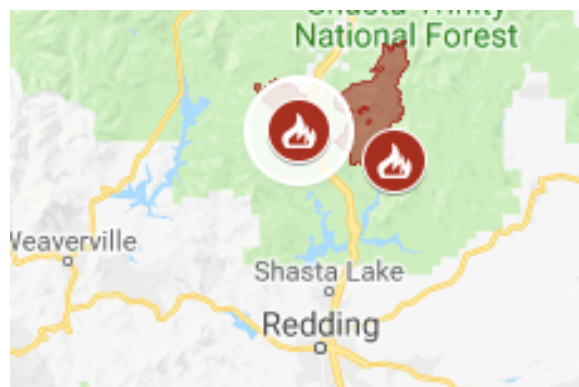
- 1) InciWeb Incident Page - Natchez Fire: <https://inciweb.nwcg.gov/incident/5948/> (Updated: October 6, 2018 9:10am)
- 2) National Interagency Coordination Center Incident Management Situation Report, October 11, 2018 - 0530 MT

Delta Fire - Shasta, Siskiyou, & Trinity Counties

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

— FINAL —

Acres Burned [Change]	% Contained [Change]
63,311 (1) [+18]	100% (1) [+3%]
Start Date	Estimated Containment Date
September 5, 2018 (1)	-
Lead Agency(ies)	
Shasta-Trinity National Forest (1)	
Initial Location	
2 miles north of Lakehead, Ca (1)	



Structures Threatened	Structures Destroyed
None (1)	45 (2), including 20 residential (3)

Evacuations / Area Closures
A Shasta-Trinity National Forest Closure Order is in place for the Delta Fire (1)

Other Infrastructure Threats
None listed

Projected Fire Activity
Crews are continuing to patrol the fires perimeter to insure there is no threat to the fire line. Work on suppression repair is still continuing . (1)

Cause of the Fire
Human (1)

Hashtags
#DeltaFire

Fire Maps
Source: Cal Fire 2018 Incidents Map (October 1, 2018)
Impacted Zip Codes: 96017, 96051, 96091
Nearby Zip Codes: -
Fire Information Line: 530-226-2494
Additional Maps: https://inciweb.nwcg.gov/incident/maps/6191/

Information Sources

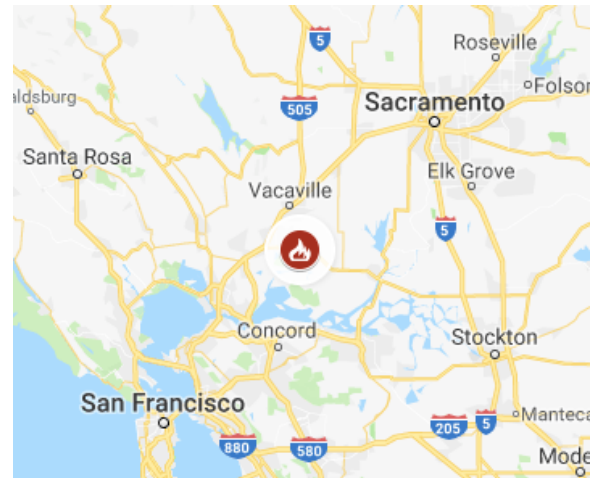
- 1) InciWeb Incident Page - Delta Fire: <https://inciweb.nwcg.gov/incident/6191/> (Updated: October 8, 2018 10:15am)
- 2) National Interagency Coordination Center Incident Management Situation Report, October 11, 2018 - 0530 MT
- 3) Northern California Geographic Coordination Center Short Briefing 209 Summary Report - Delta Fire (Updated: October 4, 2018 5:46pm)

Branscombe Fire - Solano County

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

– Newly Added Fire & FINAL unless situation changes –

Acres Burned [Change]	% Contained [Change]
4,500 (1)	90% (1)
Start Date	Estimated Containment Date
October 7, 2018 (1)	Not listed
Lead Agency(ies)	
Suisun Fire Protection District (1)	
Initial Location	
Branscombe Road south of Hwy 12, Suisun City (1)	



Structures Threatened	Structures Destroyed
Unknown	2 structures (2)
Evacuations	
None listed	
Other Infrastructure Threats	
None listed	
Projected Fire Activity	
Fire is expected to continue to smolder for several weeks, due to the dense foliage and bushes along the Montezuma Slough. Fire personnel will remain on scene, keeping a close eye on the situation. (3)	
Cause of the Fire	
Not listed	
Hashtags	
#BranscombeFire	

Fire Maps
Source: NASA FIRMS Map (Combined MODIS & VIIRS fire activity data since start date, latest fire activity data recorded on Oct 9)
Impacted Zip Codes: 94585
Nearby Zip Codes: -

Information Sources

- 1) Cal Fire Incident Page - Branscombe Fire: http://www.fire.ca.gov/current_incidents/incidentdetails/Index/2265 (Updated: October 11, 2018 9:38 am)
- 2) Cal OES Daily Situation Report - October 9, 2018
- 3) Solano County Sheriff's Office Facebook Post: <https://www.facebook.com/SolanoSheriff/videos/2221398014796861/?tn=-R> (Updated: October 10, 2018 3:16pm)

Sun Fire - Tehama County

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

– Newly Added Fire & FINAL unless situation changes –

Acres Burned [Change]	% Contained [Change]
3,889 (1)	92% (1)
Start Date	Estimated Containment Date
October 7, 2018 (1)	October 13, 2018 (2)
Lead Agency(ies)	
CAL FIRE Tehama-Glenn Unit (1)	
Initial Location	
Hwy 36 and Sunriver Road, east of Red Bluff (1)	



Structures Threatened	Structures Destroyed
None (2)	None (2)
Evacuations	
All evacuation orders/warnings have been lifted. (1)	
Other Infrastructure Threats	
All threats have been mitigated (3)	
Projected Fire Activity	
Not listed	
Cause of the Fire	
Unknown (2)	
Hashtags	
#sunfire	

Fire Maps
<p>Source: NASA FIRMS Map (Combined MODIS & VIIRS fire activity data since start date, latest fire activity data recorded on Oct 8)</p>
<p>Impacted Zip Codes: 96075, 96080</p>
<p>Nearby Zip Codes: -</p>

Information Sources

- 1) Cal Fire Incident Page - Sun Fire: http://www.fire.ca.gov/current_incidents/incidentdetails/Index/2263 (Updated: October 11, 2018 6:00 pm)
- 2) Northern California Geographic Coordination Center Short Briefing 209 Summary Report - Sun Fire (Updated: October 11, 2018 5:40am)
- 3) Cal OES Daily Situation Report - October 11, 2018

Downloadable Map Files

Fire	Link	Download Guide #	File Types
Air Quality Index (AQI)	https://airnow.gov/index.cfm?action=google_earth.index	B	KML Only
Cal Fire 2018 Statewide Fire Map	https://www.google.com/maps/d/viewer?mid=1HacmM5E2ueL-FT2c6QMVzoAmE5M19GAf	A	KML & KMZ
NASA FIRMS Map (fire activity)	https://firms.modaps.eosdis.nasa.gov/active_fire/#firms-shapefile	C	Shape & KML

Download Instructions

Guide #	Instructions
A	<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
B	Step 1 under Instructions for Google Earth has the "click here" download link
C	Select the desired map file type and select the desired time period 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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