

## Incident Status Summary (ICS-209)

Incident: **CALDOR**

1. Incident Name: <b>CALDOR</b>		2. Incident Number: <b>CA-ENF-024030</b>	
3. Report Version (check one box): Initial <input checked="" type="checkbox"/> Update Final	4. Incident Commander(s) & Agency or Organization: <b>Jeff Veik, CAL FIRE IMT6</b> <b>Joe Reinarz, USFS NIMO 2</b> <b>Rocky Opliger, CIIMT4</b>	5. Incident Management Organization: <b>Type 1 Team</b> <input checked="" type="checkbox"/> Unified Command	6. Incident Start Date/Time: Date: <b>08/14/2021</b> Time: <b>1854 PDT</b>
7. Current Incident Size or Area Involved (use unit label – e.g., "Acres", "Square Miles"): <b>212907 Acres</b>	8a. Percent (%) Contained or Completed: <b>29 %</b>	9. Incident Type: <b>Wildfire</b> B. Incident Description: C. Cause: <b>Undetermined</b> D. Fire Suppression Strategy:	10. Incident Complexity Level: <input checked="" type="checkbox"/> Single Complex  <b>Unified command between CAL FIRE and USFS</b>
	b. Total Percentage (%) of Perimeter that will be Contained or Completed: <b>100 %</b>		
12. Prepared By: Print Name: <b>Dorus Van Goidsenhoven - SITL(T)</b> Date/Time Prepared: <b>09/03/2021 0600 PDT</b>		13. Approved By: Print Name: <b>Dusty Martin - DPIC</b> Signature: _____	
14. Date/Time Submitted: <b>09/03/2021 0549 PDT</b>		15. Primary Location, Organization, or Agency Sent To: <b>ONCC</b>	
16. State: <b>CA</b>	17. County / Parish / Borough: <b>El Dorado</b>	18. City:	
19. Unit or Other:	20. Incident Jurisdiction: <b>CA-ENF</b>	21. Incident Location Ownership (if different than jurisdiction):	
22. Latitude/Longitude: Latitude: <b>38° 35' 10"</b> Longitude: <b>120° 32' 16"</b>	23. US National Grid Reference: Grid Zone: x-Coordinate: y-Coordinate:	24. Legal Description: Principal Meridian: Township:      Range:      Section: 1/4 Sec: of 1/4 Sec:	
25. Short Location or Area Description (list all affected areas or a reference point): <b>2 Miles East of Omo Ranch, 4 miles South of Grizzly Flat</b>			26. UTM Coordinates: Zone:      Easting: Northing:
27. Note any geospatial data available (indicate data format, content, and collection time information and labels): <a href="https://ftp.wildfire.gov/public/incident_specific_data/calif_n/!CALFIRE/!2021_Incidents/CA-ENF-024030_Caldor/GIS/">https://ftp.wildfire.gov/public/incident_specific_data/calif_n/!CALFIRE/!2021_Incidents/CA-ENF-024030_Caldor/GIS/</a>			
28. Observed Fire Behavior or Significant Events for the Time Period Reported (describe fire behavior using accepted terminology. For non-fire incidents, describe significant events related to the materials or other causal agents):  <b>Active</b> <b>Short-range Spotting</b> <b>Torching</b>  Narrative: <b>WEST ZONE:</b> <b>The fire activity decreased overnight due to the moderate humidity recovery and decrease in winds. Spot fires from the wind event 2 days ago continue to be found and engaged when safe to do so. The fire has finished backing into the Hwy 50 corridor and continues to burn out the heavy surface fuels. Resources were able to work direct in Div I due to the decrease in fire activity. Down canyon winds continued to test the divisions along Hwy 50 and Div D. Minimal growth occurred in the Kirkwood area.</b>  <b>EAST ZONE:</b> <b>Fuel moistures remain critically low for both live and dead fuels. The Energy Release Component is just below the 90th percentile. The Burning Index is above the 97th percentile. Wind is one of the major contributing factors to fire spread and growth. Potential remains for wind driven surface fire due to alignment with fuels and terrain. Expect most of the fire</b>			

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**growth to be to the north and northeast. Expect an increase in fire activity with clear air. Anticipate extreme fire behavior near the escarpment. Fire behavior moderated the previous shift, expect similar fire activity.**

29. Primary Fuel Model, Materials, or Hazards Involved (hazardous chemicals, fuel types, infectious agents, radiation, etc):

**Timber (Litter and Understory)  
Light Logging Slash  
Brush (2 feet)**

Narrative:

**There is a heavy dead and down component with drought-stressed fuels. The fire area is categorized with extreme to exceptional drought conditions. Live fuels are cured to levels normally seen in late September, and fuels are extremely receptive to spot fires. Fuel moistures are historically low. Northern California remains under a Fuels and Fire Behavior Advisory. ERC's are above the 97th percentile. 100 hr and 1000hr fuels are below the 3rd percentile.**

30. Damage Assessment Information (summarize damage and/or restriction of use or availability to residential or commercial property, natural resources, critical infrastructure and key resources, etc):

**Damage inspections are in progress with apx 65% of structures within the current fire perimeter having been inspected to date. 1,446 structures have been inspected with no damage noted. Reconciliation with the El Dorado County website will be ongoing.**

**One school, one church, a post office, and two fire stations (Grizzly Flats Forest Service and Pioneer F.D Station 35) were destroyed. A large commercial maintenance building was destroyed at the Sierra-at-Tahoe resort.**

**Critical elements of infrastructure have been damaged and destroyed. This includes portions of E.I.D wooden flumes, valued at \$20m, necessary for the transportation of potable water. A critical fiberoptic line along HWY 50 has been destroyed and will have a significant effect on communications.**

**Numerous power outages are ongoing as a result of the damage and shutdowns.**

**Barton Memorial Hospital has been evacuated.**

A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed
E. Single Residences	26,476	34	661
F. Multiple Residences	4,402	2	0
G. Mixed Commercial / Residential	0	0	0
H. Nonresidential Commercial Property	1,023	4	12
I. Other Minor Structures	0	15	184

31. Public Status Summary:

*C. Indicate the Number of Civilians (Public) Below:*

	Previous Report Total	A. # this Reporting Period	B. Total # to-date
D. Fatalities	0	0	0
E. With Injuries/Illness	2	0	2
F. Trapped/In Need of Rescue	0	0	0
G. Missing	0	0	0
H. Evacuated	49,171	0	49,171
I. Sheltering in Place	0	0	0
J. In Temporary Shelters	633	0	633
K. Have Received Mass Immunizations	0	0	0
L. Require Immunizations	0	0	0
M. In Quarantine	0	0	0

32. Responder Status Summary:

*C. Indicate the Number of Responders Below:*

	Previous Report Total	A. # this Reporting Period	B. Total # to-date
D. Fatalities	0	0	0
E. With Injuries/Illness	3	1	4
F. Trapped/In Need of Rescue	0	0	0
G. Missing	0	0	0
H. Evacuated	0	0	0
I. Sheltering in Place	0	0	0
J. In Temporary Shelters	0	0	0
K. Have Received Mass Immunizations	0	0	0
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Incident: **CALDOR**

	Previous Report Total	A. # this Reporting Period	B. Total # to-date		Previous Report Total	A. # this Reporting Period	B. Total # to-date
<b>N. Total # Civilians (Public) Affected:</b>	<b>49,806</b>	<b>0</b>	<b>49,806</b>	<b>N. Total # Responders Affected:</b>	<b>3</b>	<b>1</b>	<b>4</b>

<p>33. Life, Safety, and Health Status/Threat Remarks:  <b>There are 8 evacuation shelters established and two are at maximum capacity.</b></p> <p><b>9/2/21: The following Evacuation Warnings have been lifted in El Dorado County:</b>  <b>CEMENT HILL: South of Omo Ranch Road accessed from Farnham Ridge Road.</b>  <b>FARNHAM RIDGE: South of Omo Ranch Road East of 8N62 to the Amador County Line.</b>  <b>COSUMNES: South of Farnham Ridge, North of the Amador/El Dorado County Line, and East of Bridgeport School Road.</b>  <b>MT AUKUM: East of Mt. Aukum (E16) from Perry Creek Road to Omo Ranch Road. North of Omo Ranch Road to the intersection of Omo Ranch Road and Fairplay Road.</b>  <b>COYOTEVILLE: South of Omo Ranch Road to the El Dorado County Line between Mt. Aukum Road (E16) and Fairplay Road to include Coyoteville Road, Cedar Creek and tributary roads.</b>  <b>MOSQUITO: Mosquito Road from the bridge north to include the community of Swansboro.</b>  <b>CARSON WHITE OAK: North of Highway 50 to Slab Creek between Union Ridge and Snows Road</b></p> <p><b>The following Evacuation Orders have been downgraded to Evacuation Warnings in El Dorado County:</b>  <b>WEST OMO: Omo Ranch Road between Fairplay Road to Slug Gulch Road. Slug Gulch Road and Grey Rock Road, outside the fire line.</b>  <b>OMO RANCH: The town of Omo Ranch south of the Middle Fork of the Consumnes River, Omo Ranch Road East from Slug Gulch Road to 8N62 outside the fire line.</b>  <b>BARNEY RIDGE: North of Omo Ranch Road, east of 8N62 Road crossing both sides of Sopiago Creek, outside the fire line.</b></p> <p><b>EXISTING EVACUATIONS</b></p> <p><b>DOUGLAS COUNTY, NV ORDERS: Upper Kingsbury, Lower Kingsbury.</b>  <b>DOUGLAS COUNTY, NV WARNINGS: Douglas Zone 2</b></p> <p><b>El Dorado County Orders:</b>  <b>North Camino to Ice House, North US 50 East of Forebay to Ice House, South Pollock &amp; Camino Zone, East Sly Park to Ice House Rd, South Sly Park, Leisure, West Happy Valley, Happy Valley, Grizzly Flat West, Cole Station, Omo South, Omo East, Henry's Diggings, Leoni Meadows, Dogtown Creek, Big Mountain, Caldor, Greater Grizzly, Crystal Basin, US 50 South to Kyburz, Caples Creek, Mormon Emigrant Trail to HWY 88, Echo North, Echo South, Christmas Valley, Hell Hole, Washoe Meadows, Meyers, Tahoe Island, Tahoe Keys, Sierra Tract, Al Tahoe, Bijou, Heavenly, Stateline, Tahoma, Fallen Leaf, Trimmer, Pioneer, Gardner Mountain</b></p> <p><b>El Dorado County Warnings:</b>  <b>Dry Lakes, South of Wentworth Springs, Highway 50 South /Newton, Springer, Ant Hill, Pi Pi, North Camino</b></p> <p><b>Amador County Orders: Zone 4a, Zone 5a</b></p>	<p>34. Life, Safety, and Health Threat Management:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 85%;"></th> <th style="width: 15%;">Active?</th> </tr> </thead> <tbody> <tr><td>A. No Likely Threat</td><td></td></tr> <tr><td>B. Potential Future Threat</td><td></td></tr> <tr><td>C. Mass Notifications in Progress</td><td></td></tr> <tr><td>D. Mass Notifications Completed</td><td></td></tr> <tr><td>E. No Evacuation(s) Imminent</td><td></td></tr> <tr><td>F. Planning for Evacuation</td><td></td></tr> <tr><td>G. Planning for Shelter-in-Place</td><td></td></tr> <tr><td>H. Evacuation(s) in Progress</td><td></td></tr> <tr><td>I. Shelter-in-Place in Progress</td><td></td></tr> <tr><td>J. Repopulation in Progress</td><td></td></tr> <tr><td>K. Mass Immunization in Progress</td><td></td></tr> <tr><td>L. Mass Immunization Complete</td><td></td></tr> <tr><td>M. Quarantine in Progress</td><td></td></tr> <tr><td>N. Area Restriction in Effect</td><td></td></tr> <tr><td>O. Road Closure</td><td style="text-align: center;"><b>X</b></td></tr> <tr><td>P. Trail Closure</td><td style="text-align: center;"><b>X</b></td></tr> <tr><td>Q. Area Closure</td><td style="text-align: center;"><b>X</b></td></tr> </tbody> </table>		Active?	A. No Likely Threat		B. Potential Future Threat		C. Mass Notifications in Progress		D. Mass Notifications Completed		E. No Evacuation(s) Imminent		F. Planning for Evacuation		G. Planning for Shelter-in-Place		H. Evacuation(s) in Progress		I. Shelter-in-Place in Progress		J. Repopulation in Progress		K. Mass Immunization in Progress		L. Mass Immunization Complete		M. Quarantine in Progress		N. Area Restriction in Effect		O. Road Closure	<b>X</b>	P. Trail Closure	<b>X</b>	Q. Area Closure	<b>X</b>
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**Amador County Warnings: Zone 1, Zone 2, Zone 3, Zone 4b, Zone 5b**

**Alpine County Orders: Zones 19, 20, 21, and 22**

**Alpine County Warnings: Zones 23, 24, and 22A.**

**\*Evacuation areas are listed according to zones established by the respective county and law enforcement agencies and include orders but not warnings. Full descriptions are available on county websites.**

35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern):

**WEST ZONE:**

**Observed: Downslope and down canyon winds developed at around 2100 and prevailed through the night. Lows ranged from 45-55 over the higher elevations to 55-62 in lower drainages. Relative humidity recovery was modest, reaching the 25-30 percent range.**

**Forecast for Friday: Sunny with patchy smoke. Highs 73-83 upper elevations and 83-92 lower drainages. Winds downslope down canyon through mid morning then becoming upslope and up canyon 5-10 mph with gusts to 15 mph in the afternoon. Gusts to 25 mph possible along the Highway 50 corridor. Relative humidity minimums 11-16 percent.**

**EAST ZONE:**

**Observations:**

**Breezy southwest ridge winds lightened and turned out of the south overnight, eventually turning to the east by early morning with wind speeds around 10 mph. In the lower elevations, winds became downslope 3 to 6 mph with good recoveries in the valleys. Strong inversions formed overnight with very poor humidity recoveries only reaching 20 to 35% along the mid-slopes and ridgelines.**

**Friday Forecast:**

**Extremely dry air will remain over the fire area on Friday with a warming trend through the weekend as high pressure builds over the west. Humidities will drop into the low to mid-teens at all elevations during the day with good recoveries in the valleys and very poor recoveries mid-slope and on ridges. Winds will be generally terrain driven with upslope winds 4 to 8 mph during the afternoon and gusts up to 15 mph in canyons. Ridge winds will be out of the east 10 to 15 mph with poor smoke dispersion.**

36. Projected Incident Activity, Potential, Movement, Escalation, or Spread and influencing factors during the next operational period and in 12-, 24-, 48-, and 72-hour time frames:

**WEST ZONE:**

**Clear air over all areas early except the northeast side. Thin inversion layer building into the lower elevations overnight. Low daytime and overnight humidity recovery is expected over the entire fire area again. Spotting distances will again be between .50 and .75 miles with the Probability of Ignition still above 90%. Rates of spread will slow as the fire enters the sub-alpine fuels, but spotting will continue to be the main contributor to fire growth to the north and northeast. Active and passive crown fire runs will continue to occur due to tight tree canopies, topography, and large amounts of surface and ladder fuels. Minimal spread in the southern, western, northwestern, and southeastern divisions. Fire weakened timber continues to release and threaten control lines.**

12 hours:

**EAST ZONE:**

**Temperatures will be in the 70s. Forecasted winds will be SE-SW 12 mph. Potential for wind-driven surface fire, isolated torching and spotting. Moderate overnight recoveries may provide opportunity for line construction and managing spot fires. Local thresholds will be exceeded. Expect comparable fire behavior as the previous operational period. The majority of fire growth will most likely be to the northeast and east due to sustained SW winds.**

24 hours: **WEST ZONE:**

## Incident Status Summary (ICS-209)

Incident: CALDOR

Fire growth will continue to the north, northeast, and east. Spotting and the extremely dry fuels will continue to allow new fires to become established easily but will progress slower due to the decrease in winds. The diurnal wind patterns will return producing normal wind flows. Minimal growth is expected in the south, western, northwestern, and southeastern portions of the incident. The probability of ignition will remain around 90% with the spotting distances between .50 and .75miles. Fuels will continue to be extremely receptive to any ember cast. Hot material will continue to be found near the control lines. Moderate overnight and daytime humidity levels return to the area.

**EAST ZONE:**

Temperatures will be in the 70s. Forecasted winds will be SE-SW 12 mph. Potential for wind driven surface fire, isolated torching and spotting. Moderate overnight recoveries may provide opportunity for line construction and managing spot fires. Local thresholds will be exceeded. Expect comparable fire behavior as the previous operational period. The majority of fire growth will most likely be to the Northeast and East due to sustained SW winds.

**WEST ZONE:**

Diurnal winds return with slow ridgetop speeds. Spotting potential and distances will decrease to .5miles with the Probability of Ignition just below 90%. Minimal growth is expected in the south, west, northwestern, eastern areas. Firing operations will be a factor for increased fire growth in order to connect control lines. Fire weakened timber will continue to release in all areas of the fire and threaten control lines and delay mop-up. The fire area will begin to receive moderate overnight humidity recovery and higher daytime humidity. This will aid in slowing the rates of spread in areas outside of the main drainages.

48 hours:

**EAST ZONE:**

Moderate risk burn environment. Temperatures will be in the mid 70s today and tomorrow. The atmosphere will be unstable due to a Haines of 5. Winds will be E-SW 14 mph. Fire behavior will include wind driven surface fire, potential for group torching and spotting. Moderate overnight recoveries will provide opportunity for line construction and managing spots. Local thresholds will be exceeded. Expect an increase in fire activity with clear air.

**WEST ZONE:**

Diurnal winds return with slow ridgetop speeds. Spotting potential and distances will decrease to .5miles with the Probability of Ignition just below 90%. Minimal growth is expected in the south, west, northwestern, eastern areas. Fire weakened timber will continue to release in all areas of the fire and threaten control lines and delay mop-up. The fire area will begin to receive moderate overnight humidity recovery and higher daytime humidity. This will aid in slowing the rates of spread in areas outside of the main drainages.

72 hours:

**EAST ZONE:**

Expect similar burning conditions. Temperatures will remain in the high 70s throughout the week.

Anticipated after 72 hours: **Expect similar burning conditions. Temperatures will remain in the high 70s throughout the week.**

37. Strategic Objectives (define planned end-state for incident):

**Leaders Intent:**

**Work effectively with cooperative partners towards a common goal of protecting values in a safe and efficient manner. All incident assigned personnel should be prepared to take appropriate actions regarding:**

- Personal safety and safety of others, including driving slowly, safely, and defensively while implementing tactics that offer a high probability of success.
- Professional conduct and timely/effective communications.
- Manage fatigue by taking breaks and maintaining work rest guidelines.
- All line supervision personnel, including crew leaders and strike team leaders, must attend the Operational Briefing.

**Management Objectives:**

- Provide for emergency personnel and public safety at all times.
- Ensure COVID-19 precautions and best practices are met at all times.
- Protect property, improvements, and infrastructure.

## Incident Status Summary (ICS-209)

Incident: **CALDOR**

- **Ensure accurate coordinated, timely and accurate release of public information.**
- **Foster and maintain relationships with all cooperators and stakeholders.**
- **Protect economic, natural, cultural and heritage resources.**
- **Maintain fiscal accountability and keep costs commensurate with values at risk.**

### **Control Objectives: EAST**

- **Keep the fire South of Mosquito Pass and road systems to N16A, 2N20A, 2N08, and 2N21.**
- **Keep the fire North of HWY 88.**
- **Keep the fire West of El Dorado and Alpine County and State line boundary.**

### **Control Objectives: WEST**

- **Keep the fire North of HWY 4.**
- **Keep the fire South of Wentworth Springs Rd.**
- **Keep the fire East of E16 and Fiddletown Rd.**

38. Current Incident Threat Summary and Risk Information in 12-, 24-, 48-, and 72-hour timeframes and beyond. Summarize primary incident threats to life, property, communities and community stability, residences, health care facilities, other critical infrastructure and key resources, commercial facilities, natural and environmental resources, cultural resources, and continuity of operations and/or business. Identify corresponding incident-related potential economic or cascading impacts:

#### **Communities at risk:**

- **Significant threat and potential devastation (greater than 75 percent of community loss) to the communities of Camino, Camp Richardson, Caples Lake, Cedar Grove, Christmas Valley, Emerald Bay, Fair Play, Fresh Pond, Grizzly Flats, Happy Valley, Kirkwood, Kit Carson, Kyburz, Lake Valley, Leoni Meadows, Lower Forni, Meeks Bay, Meyers, Newtown, Omo Ranch, Phillips, Plasse, Pleasant Valley, Pollock Pines, Randal Tract, River Pines, Riverton, Sierra Springs, Sierra-at-Tahoe, Silver Lake, Sly Park, Sly Park Hills, Somerset, South Lake Tahoe, Spring Valley, Strawberry, Sweenys Crossing, Tahoma, Twin Bridges, White Hall. In the State of Nevada, Stateline, Kingsbury, and Round Hill Village are threatened.**

#### **Facilities:**

**The following repeaters, used by CAL FIRE and other public safety agencies, are all threatened: Alder Ridge Repeater, Leek Springs Repeater, Willow Repeater, Union Hill Repeater**

**Public safety facilities threatened include Pioneer Fire Protection District Stations, Amador-El Dorado Unit Headquarters, and the Eldorado National Forest-Pacific Ranger Station.**

12 hours:

**Many school districts in El Dorado County have either evacuated, canceled school or postponed the start of school due to the fire.**

#### **Powerlines and/or electrical distribution:**

**PG&E has numerous assets and critical infrastructure threatened including overhead distributions lines, transmission lines, the El Dorado Powerhouse hydro-facility, distribution substations, telecommunications towers, fiber optic resources, and associated equipment. These assets provide power to thousands of customers in El Dorado and the surrounding counties. The approximate value of assets at risk is \$11,300,000.**

**Liberty Utilities has assets of critical infrastructure threatened including distribution lines, transformers, and a substation. Disruption would leave apx 20k customers without water and potable water as their infrastructure provides power for water distribution.**

**Volcano Telephone has a fiberoptic line threatened that runs from Pine Grove to Kirkwood as well as a critical central office location. Disruption would leave apx 5000 people without cellular or telephone coverage.**

## **Incident Status Summary (ICS-209)**

Incident: **CALDOR**

**NV Energy has distribution, transmission, and telecom assets in Stateline, Kingsbury, Roundhill, and Carson Valley, Nevada. NV Energy facilities supply power to the entire South Lake Tahoe area which includes delivery points to Liberty Utilities at Meyers and Stateline Substations. The loss of the #111 and #112 (120kV) transmission lines would result in a regional power outage that would extend from Glenbrook, NV to approximately Homewood, CA around the south side of Lake Tahoe. The outages would impact approximately 50,000 NV Energy and Liberty Utility customers.**

### **Domestic Water Systems:**

**The Grizzly Flats CSD has been heavily impacted by the fire including damage to water storage and distribution infrastructure. The district relies on water from surface collection and diversions, both of which are impacted and will result in the loss of water supply to apx 1,200 customers.**

**The El Dorado Irrigation District (130,000 population) also relies on surface water collection in the area of the fire. They operate a diversion facility and 23-mile conveyance system with wooden flumes (have been damaged) of critical importance for the supply of 1/3 of the district's water supply. Replacement cost is estimated at \$68 million dollars and over a year to rebuild.**

**SMUD operates 17 dams; 11 reservoirs; nine powerhouses (688 MW generation capacity) and other essential facilities critical in providing power to the Sacramento region. This includes a 69kv transmission line with wood poles, 28 miles of tunnels, penstocks, and canals. The Riverton maintenance Yard is critical to ensure all equipment is operational.**

**Current 12hr threats are continued below...**

**... Continued from 12-hrs section above:**

### **Communication Grid:**

**The critical fiberoptic line relied on for 911 systems and cell towers from El Dorado County to Lake Tahoe along HWY 50 has been damaged. Numerous communications sites, including Big Hill, a hub for SMUD, CHP, and several cellular carriers are threatened. This site also includes the ENF's Big Hill fire watchtower.**

### **Transportation:**

**HWY 50, HWY 88, and HWY 89 all have closures in place. These Trans-Sierra highways are vital to commerce, tourism, and emergency evacuation and the impact of their closure is substantial. There are many additional road closures around the fire area with traffic control points in place.**

### **Historical and Significant Cultural Resources:**

**24 hours: Numerous prehistoric and historic cultural resources are threatened, including historic buildings and archaeological sites. This includes heritage sites of the Shingle Springs Band of Miwok Indians and the Washoe Tribe of California and Nevada Historic. Structures threatened to include the Sly Park Guard Station, Harvey West Cabin, Armstrong Lookout, Farni Meadows Cabins, Cody Meadows Cabin, FiPi Footbridge, and Alder Lookout.**

### **Natural Resources:**

**The Desolation Wilderness is impacted and the Mokelumne Wilderness is threatened.**

**The Cosumnes, American River, and Lake Tahoe watersheds are impacted. There is a potential threat to the Mokelumne watershed.**

**Threatened and Endangered (TE) state and/or federally listed species threatened by the Caldor Incident include Foothill yellow-legged frog, California red-legged frog, Sierra Nevada yellow-legged frog, great grey owl, goshawk and spotted Owl, Yosemite toad, Sierra Nevada red fox, California wolverine, bald eagle, western bumblebee, and the Lahontan cutthroat trout.**

**Under the current Southwest flow, smoke from the Caldor fire is impacting the Lake Tahoe Basin causing periods of Unhealthy to Very Unhealthy Air Quality Index (AQI) readings in locations within the Placer County Air Pollution Control District and the El Dorado Air Quality Management District in California.**

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Incident: **CALDOR**

**Commercial Resources:**

**Private businesses, private and federal timberlands (Sierra Pacific Industries), vineyards, and other agricultural lands are threatened and/or impacted.**

**Economic Impact:**

**With the evacuation of South Lake Tahoe and communities in Douglas County, NV, the economic impact on tourism and commerce has been multiplied. This includes ski resorts, campgrounds, hotels, restaurants, and businesses. Recreational sites for camping, hiking, hunting, boating, fishing & horseback riding sites are impacted. Potential loss of jobs to local businesses with the reduction in tourism and evacuation concerns. Cattle grazing lands are impacted. Local agricultural risk to numerous vineyards and apple orchards.**

48 hours: **Same as above**

72 hours: **Same as above**

Anticipated after 72 hours:

39. Critical Resource Needs in 12-, 24-, 48-, and 72-hour timeframes and beyond to meet critical incident objectives. List resource category, kind, and/or type, and amount needed, in priority order:

**WEST ZONE:**

**5 - Type 1 Engine Strike teams (A)**

**8 - Type 3 Engine Strike teams (C)**

**10 - Hand Crew any type**

**8 - Type 6 Engine Strike Teams (F)**

**1 - HLCO**

**1 - Helibase manager**

**1 - Deck**

**1 - Mobile Retardant Plant**

**11 - DIVS**

**10 - HEQB**

**10 - FALM**

12 hours:

**EAST ZONE:**

**10 - HEQB**

**10 - TFLD**

**4 - DIVS**

**4 - Interagency Hotshot Crews**

**4 - Type 2 IA Crews**

**5 - Type 2 Crews**

**4 - Type 1 Engine Strike Teams (A)**

**4 - Type 3 Engines Strike Teams (C)**

**10 - Single increment Type 3(C) or Type 1 (A) Engines**

**1 - RADO**

24 hours: **Same as above**

48 hours: **Same as above**

72 hours: **Same as above**

Anticipated after 72 hours:

40. Strategic Discussion: Explain the relation of overall strategy, constraints, and current available information to:

- 1) critical resource needs identified above,
- 2) the Incident Action Plan and management objectives and targets,
- 3) anticipated results.

Explain major problems and concerns such as operational challenges, incident management problems, and social, political, economic, or environmental concerns or impacts.

**WEST ZONE:**

**Branch 1:**

**DIV D - Interior smokes. Continued mop up**

**Branch 10:**

**DIV F/G - continued heat in drainage.**

**DIV I - Wright's Lake structure group making good progress on east side of lake with dozer line/retardant. Fire pushing into Desolation Wilderness.**

**Branch 20:**

**DIV M - Kirkwood: no fire in bowl (infrastructure/ski area not impacted). Head of fire (finger) continuing N/E slow push**



## Incident Status Summary (ICS-209)

Incident: **CALDOR**

**into East Zone.**

**Remainder of Branch 20 - no significant runs. Fire checked up in mixed fuels/granite. No threats to HWY 88 at this time. Branch 30: no issues.**

**Steep and rugged terrain, critically dry fuel conditions, and lack of adequate resources have presented control challenges, limiting the ability for direct attack. Combined with the complexity of the incident, these factors have created a critical concern for the ability to assure firefighters and public safety.**

**EAST ZONE:**

**Last night on the northwest side of the East Zone, crews continued to prep structures and monitor the fire's edge as it backs down to lower and upper Echo Lakes.**

**Crews continued working around the Highway 50 corridor in the Meyers area patrolling and mopping up.**

**Structure groups remained active through the evening, mopping up adjacent to neighborhoods and patrolling.**

**On the northeastern finger of the fire, crews strengthened containment lines on the lower northern side adjacent to neighborhoods. A combination of direct and indirect tactics extended containment lines to the northeast to mitigate fire growth toward the state line. The southern flank of the finger remained active overnight. Crews opened roads and constructed dozer line.**

**In the Kirkwood area, direct line and some indirect line fortified by firing operations successfully contained the fire where it had crossed the dozer line Thursday afternoon.**

**HEQBs and TFLDs requested are to provide adequate span of control for resources, improving safety and coordination.**

**Type 1 and type 2 IA crews are needed to construct line in the remote and rugged Desolation Wilderness and in the difficult terrain of the Trimmer Peak area to mitigate potential threats to the Nevada line and communities in the Foothill Road communities. Additional engine resources will be utilized for structure prep and defense in the South Lake Tahoe area and surrounding communities.**

41. Planned Actions for Next Operational Period:

**WEST ZONE:**

**Provide for the life safety of citizens and emergency responders. Implement structure and critical infrastructure defense. Construct control lines and take advantage of targets of opportunity as allowed by fire behavior and resource limitations. Improve and hold established control lines. Prepare for firing operations and implement burn plans. Identify and establish contingency lines. Tactical patrol of perimeter contained.**

**EAST ZONE:**

**In the Christmas Valley area crews are continuing to construct direct containment lines from Highway 89 west to Scout Peak to reduce the threat to structures.**

**In the Pioneer Trail area, resources will continue with structure defense tactics, patrolling, prepping structures, and utilizing direct fire suppression tactics where safe to do so.**

**On the northeastern side of the fire in the Cold Creek Drainage area, resources will continue to work with local utility companies to open road systems to connect to dozer line to stem continued fire spread to the northeast.**

**On the north end of the fire, crews will continue to construct direct fireline from Highway 50 to Echo Lake. In the lower Echo Lake area, structure defense operations will continue.**

**A contingency group is locating and building contingency lines to the northeast of the fire in the event of fire crossing primary containment lines.**

**Planning is occurring to mitigate potential threat to communities in the Foothill Road area.**

42. Projected Final Incident Size/Area (use unit label – e.g., "Acres", "Square Miles"):

43. Anticipated Incident Containment or Completion Date: **09/27/2021**

44. Projected Significant Resource Demobilization Start Date:

45. Estimated Incident Costs to Date: **\$91,341,190.00**

46. Projected Final Incident Cost Estimate:

47. Remarks (or continuation of any blocks above – list block number in notation):

## Incident Status Summary (ICS-209)

Incident: **CALDOR**

**A Fire Management Assistance Declaration was declared on August 17, 2021. Incident Period: August 14, 2021, and continuing. (FM-5413-CA)**

**The Governor of California declared a State of Emergency for El Dorado County on August 17, 2021, due to the Caldor Fire.**

**The Eldorado National Forest is closed from August 17, 2021, through September 30, 2021. (Forest Order No. 03-21-14) To better provide public and firefighter safety due to the ongoing California wildfire crisis, USDA Forest Service Pacific Southwest Region announced a temporary closure of all National Forests in California from Aug. 31, 2021 through September 17, 2021.**

**CAL FIRE IMT-6 and NIMO-2 are in command of the West Zone and CIIMT-4 is in command of the East Zone as of 1900hrs 9/1/21.**

**Fuels reduction projects that have been implemented around the community of South Lake Tahoe have been highly effective in providing opportunities for resources to successfully suppress fire.**

**Note to box 45: Incident cost is anticipated to increase due to capturing costs not previously reported.**

**Note to box 32: One additional responder injury was reported from the East Zone.**

49. Resources (summarize resources by category, kind, and/or type; show # of resources on top 1/2 of box, show # of personnel associated with resource on bottom 1/2 of box):

48. Agency or Org		CR1	CR2	CRC	HEL1	HEL2	HEL3	ENG1	ENG3	ENG4	ENG5	ENG6	DOZR	WTDT	WTDS	MAST	SKID	EXCV	FELB	50. Ovhd	51. Tot Pers
BIA	Rsrc	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	9	15
BLM	Rsrc	0	1	0	0	0	0	0	4	5	0	2	0	0	0	0	0	0	0		
	Pers	0	20	0	0	0	0	0	15	23	0	7	0	0	0	0	0	0	0	6	71
C&L	Rsrc	2	0	0	0	0	0	78	112	0	1	19	0	10	0	0	0	0	0		
	Pers	29	0	0	0	0	0	312	400	0	4	56	0	20	0	0	0	0	0	129	950
CA	Rsrc	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	43
CA-CDF	Rsrc	36	0	3	0	0	0	0	140	0	0	0	14	0	0	0	0	0	0		
	Pers	582	0	19	0	0	0	0	479	0	0	0	47	0	0	0	0	0	0	226	1353
DHS	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
DOD	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
FS	Rsrc	6	6	0	0	0	0	0	11	3	0	10	2	0	0	0	0	0	0		
	Pers	127	121	0	0	0	0	0	58	17	0	44	7	0	0	0	0	0	0	81	455
FWS	Rsrc	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	5	0	4	3	0	0	0	0	0	0	0	0	12
NPS	Rsrc	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	5	7	0	3	0	0	0	0	0	0	0	3	18
NWS	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OES	Rsrc	0	0	0	0	0	0	13	16	0	0	6	0	1	0	0	0	0	0		
	Pers	0	0	0	0	0	0	55	40	0	0	20	0	2	0	0	0	0	0	10	127
OTHR	Rsrc	0	0	0	0	0	0	0	2	2	0	1	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	9	12	0	3	0	0	0	0	0	0	0	5	29
PRI	Rsrc	0	15	0	16	8	3	0	13	10	0	40	78	56	15	14	7	7	6		
	Pers	0	300	0	32	16	4	0	47	32	0	120	163	74	19	20	13	10	10	250	1110
ST	Rsrc	0	6	0	0	0	0	5	10	1	2	9	1	2	0	0	0	0	0		

## Incident Status Summary (ICS-209)

Incident: **CALDOR**

ST	Pers	0	117	0	0	0	0	15	40	4	7	30	2	4	0	0	0	0	10	229
<b>52. Total Resources</b>		44	28	6	16	8	3	96	310	22	4	91	95	69	15	14	7	7	6	4415

53. Additional Cooperating and Assisting Organizations Not Listed Above:  
**Alpine County Sheriffs Department, Amador County Sheriffs Office, AT&T, Auburn State Recreation Area, Barton Health, Cal EMSA, Cal EPA, Cal Guard, Cal OES Fire, Cal Trans, Campora, Carson City BLM, CCC, CDCR, CHP, Comcast, Douglas County Sheriffs Office, East Fork Fire Protection District, El Dorado County, El Dorado County Dept of Agriculture, El Dorado County Dept of Planning and Building, El Dorado County DOT, El Dorado County EMSA, El Dorado County Fire, El Dorado County OES, El Dorado County Office of Education, El Dorado County Sheriffs Office, El Dorado Hills FD, El Dorado Irrigation District, Fallen Leaf CSD Fire Department, Garden Valley Fire Department, Georgetown Fire Department, Grizzly Flats Community Services District, Heavenly Ski Resort, Indian Diggings School District, KAMPS, Kirkwood Mountain Resort, Lake Valley Fire District, Liberty Utilities, Marshall Medical Center, Mosquito Fire Department, Nevada Department of Emergency Management, Nevada Department of Public Safety, Nevada Department of Transportation, Nevada Division of Emergency Management, Nevada Division of Forestry, Nevada Highway Patrol, North Lake Tahoe Fire Protection District, North Tahoe Fire Protection District, NV Energy, PG&E, Pioneer FD, Placerville Police Department, Shingle Springs Band of Miwok Indians FD, Sierra Pacific Industries, Sierra-at-Tahoe, SMUD, South Lake Tahoe EOC, South Lake Tahoe Fire Department, South Lake Tahoe Police Department, South Lake Tahoe Public Utility District, SWRCB, Tahoe Douglas Fire Protection District, Verizon, Volcano Telephone, Washoe Emergency Operations Center, Washoe Tribe of Nevada and California.**