

Incident Status Summary (ICS-209)

Incident: **CALDOR**

1. Incident Name: CALDOR		2. Incident Number: CA-ENF-024030	
3. Report Version (check one box): Initial <input checked="" type="checkbox"/> Update Final	4. Incident Commander(s) & Agency or Organization: Jeff Veik, CAL FIRE IMT6 Joe Reinarz, USFS NIMO 2 Rocky Opliger, CIIMT4	5. Incident Management Organization: Type 1 Team <input checked="" type="checkbox"/> Unified Command	6. Incident Start Date/Time: Date: 08/14/2021 Time: 1854 PDT
7. Current Incident Size or Area Involved (use unit label – e.g., "Acres", "Square Miles"): 217007 Acres	8a. Percent (%) Contained or Completed: 50 %	9. Incident Type: Wildfire B. Incident Description: Vegetation C. Cause: Undetermined D. Fire Suppression Strategy:	10. Incident Complexity Level: <input checked="" type="checkbox"/> Single Complex Unified command between CAL FIRE and USFS
	b. Total Percentage (%) of Perimeter that will be Contained or Completed: 100 %		
12. Prepared By: Print Name: Topher Byrd, SITL-T Date/Time Prepared: 09/07/2021 1745 PDT		13. Approved By: Print Name: Dusty Martin, DPIC Signature: _____	
14. Date/Time Submitted: 09/07/2021 1746 PDT		15. Primary Location, Organization, or Agency Sent To: ONCC	
16. State: CA	17. County / Parish / Borough: El Dorado	18. City:	
19. Unit or Other:	20. Incident Jurisdiction:	21. Incident Location Ownership (if different than jurisdiction): CA-ENF	
22. Latitude/Longitude: Latitude: 38° 35' 10" Longitude: 120° 32' 16"	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): 2 Miles East of Omo Ranch, 4 miles South of Grizzly Flat			26. UTM Coordinates: Zone: Easting: Northing:
27. Note any geospatial data available (indicate data format, content, and collection time information and labels): https://ftp.wildfire.gov/public/incident_specific_data/calif_n/!CALFIRE/!2021_Incidents/CA-ENF-024030_Caldor/GIS/			
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): Active Short-range Spotting Torching Smoldering Narrative: WEST ZONE: The fire continued to remain active in the Div I and Div N areas due to the poor overnight and daytime humidity recovery coupled with the high daytime temperatures. Short range spotting continue to occur along Hwy 88 and within interior islands due to the Probability of Ignition remaining at 89%. Hot material continues to be found near the control lines in the north and eastern divisions. Interior islands and stringers of timber continued to burn out. No growth occurred in the south, west, and northwest areas. Increase in calls for service in the recently repopulated areas. EAST ZONE: Several days of moderated weather have assisted crews with reaching containment objectives. Southwest wind forecasted for today. Fuel moistures remain critically low for both live and dead fuels. SW winds are forecasted for next week and are associated with large fire growth. The Energy Release Component is above the 97th percentile. The Burning Index is just above the 90th percentile. Potential for wind-driven surface fire due to alignment. Expect most of the fire growth to be to the north			

Incident Status Summary (ICS-209)

Incident: CALDOR

and northeast. Expect an increase in fire activity with clear air. 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 1000 hr 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 approximately 95% of structures within the current fire perimeter having been inspected to date. 3,331 structures have been inspected with no damage noted. Reconciliation with the El Dorado County website will be ongoing.

Numerous structures have been damaged or destroyed including a school, post office, fire stations, residences, and commercial buildings.

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.

This is not an official report.

A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed
E. Single Residences	19,589	49	776
F. Multiple Residences	4,102	2	0
G. Mixed Commercial / Residential	0	0	0
H. Nonresidential Commercial Property	956	8	18
I. Other Minor Structures	0	20	202

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
E. With Injuries/Illness	2	0	2
F. Trapped/In Need of Rescue	0		0
G. Missing	0		0
H. Evacuated	11,557	-731	10,826
I. Sheltering in Place	0		0
J. In Temporary Shelters	142	0	142
K. Have Received Mass Immunizations	0		0
L. Require Immunizations	0		0
M. In Quarantine	0		0
N. Total # Civilians (Public) Affected:	11,701	-731	10,970

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
E. With Injuries/Illness	7	0	7
F. Trapped/In Need of Rescue	0		0
G. Missing	0		0
H. Evacuated	0		0
I. Sheltering in Place	0		0
J. In Temporary Shelters	0		0
K. Have Received Mass Immunizations	0		0
L. Require Immunizations	0		0
M. In Quarantine	0		0
N. Total # Responders Affected:	7	0	7

33. Life, Safety, and Health Status/Threat Remarks:
There are 5 evacuation shelters established.

34. Life, Safety, and Health Threat Management:

Incident Status Summary (ICS-209)

Incident: CALDOR

<p>Effective 9/7: The evacuation order for El Dorado County, Pioneer Zone, has been reduced to a warning - All homes accessed from both sides of Pioneer Trail from the city limits starting at Al Tahoe Blvd and moving west stopping before Elks Club.</p> <p>The evacuation order for El Dorado County, Crystal Basin A Zone, has been reduced to a warning & The area described as West of Ice House road from the Placer County Line, South to Highway 50 and East of Junction Reservoir.</p> <p>The evacuation warning for El Dorado County, Dry Lakes Zone, has been lifted. The area described as Southwest from the intersection of Wentworth Springs Road and Placer County line, through the Gerle Creek Divide Reservoir to Wentworth Springs Road, Northwest to the Placer County Line and East and South of the Placer County line.</p> <p>The evacuation warning for El Dorado County, South of Wentworth Springs Zone, has been lifted. The area described as North of Slab Creek, South of Wentworth Springs Road, West of Junction Reservoir, and East of Sand Mountain.</p> <p>The evacuation warning for El Dorado County, Northeast Pollock Zone, has been lifted. The area described as North of Highway 50 between Forebay Road and Ice House Road extending to the North to include Spring Valley Road.</p> <p>The evacuation warning for El Dorado County, Grizzly Flats West, has been lifted & The area described as East of Highway E16, west of Steely Ridge Road, South of the North Fork of the Cosumnes River and North of the Middle Fork of the Cosumnes River.</p> <p>The evacuation warning for El Dorado County, West Omo, has been lifted- The area described as North of Omo Ranch Road, South of Grizzly Flat Road, East of Fairplay Road, West of Slug Gulch Road and Omo Ranch Road.</p> <p>The evacuation warning for El Dorado County, Omo Ranch, has been lifted. The area described as the town of Omo Ranch South of the Middle fork of the Cosumnes River, North of Omo Ranch Road from Slug Gulch Road to 8N54.</p> <p>The evacuation warning for El Dorado County, Barney Ridge Zone, has been lifted. The area described as North of Omo Ranch Road East to North South Road, crossing both sides of Sopiago Creek.</p> <p>The evacuation warning for El Dorado County, Southeast Camino and Southwest Pollock, has been lifted. The area described as South of US Highway 50, North of Starkes Grade Road, East of Snows Road and West of Fresh Pond.</p> <p>The evacuation warning for El Dorado County, Northeast Camino and Northwest Pollock, has been lifted. North of Highway 50, South of Slab Creek Reservoir, East of Snows Road, West of Sly Park Road</p> <p>EXISTING ORDERS AND WARNINGS</p> <p>Douglas County (NV) Warnings: Upper Kingsbury, Lower Kingsbury</p> <p>El Dorado County Orders: Caples Creek, Caldor, Christmas Valley, Crystal Basin, Desolation, Desolation East, Desolation North, Fallen Leaf B, Grizzly Flat Proper, Heavenly, Hell Hole, MET to Hwy 88, Meyers, North Echo, South Echo, Trimmer, US 50 South to Kyburz, Washoe Meadows.</p> <p>El Dorado County Warnings: Dry Lakes, South of Wentworth Springs, Northeast Camino and Northwest Pollock, Southeast Camino and Southwest Pollock, Greater Grizzly East, PiPi, Barney Ridge, Omo Ranch, West Omo, Grizzly Flat West, Happy Valley, Tahoma, City of South Lake Tahoe, Northeast Pollock, Southeast Pollock, Pioneer.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%; text-align: center;">Active?</th> </tr> </thead> <tbody> <tr><td>A. 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Incident Status Summary (ICS-209)

Incident: CALDOR

<p>Amador County Orders: Zone 4a, Zone 5a</p> <p>Amador County Warnings: Zone 4b, Zone 5b</p> <p>Alpine County Orders: Zones 19, 20, 21A, and 22A</p> <p>Alpine County Warnings: Zones 23, 21B, and 22B.</p> <p>*Evacuation areas are listed according to zones established by the respective county and law enforcement agencies. Full descriptions are available on county websites.</p>	
<p>35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern):</p> <p>WEST ZONE: Observed: The inversion over the fire area broke around 0900 this morning with a very dry air mass. Temperatures reached mid-80's to lower 90's at higher elevations and the mid-90's at lower elevations. Relative humidity values ranged from 14% to 21% by 1400. Winds were generally out of the west 5-10 MPH with gusts to 14 MPH.</p> <p>Forecast for tonight: Clear with areas of smoke. Inversions setting in after 2000 and persisting through the night. Temperatures will drop to 57-67 at the highest elevations and 70 to 80 in the lower elevations. Humidity recovery poor at 25-35 percent. Winds becoming downslope/downcanyon 4-9 MPH with gusts to 13 MPH in deepest drainages.</p> <p>EAST ZONE: Observations: High pressure and very dry air remained over the region with humidities dropping into the upper teens throughout the fire area again today. Ridge level wind were calm this morning and picked up out of the west and southwest with gusts around 20 mph in the afternoon. Surface winds were terrain driven over the fire, upslope and upcanyon during the day, with gusts around 15 mph in the late afternoon.</p> <p>Wednesday Forecast: Dry and warm conditions will remain over the fire area on Wednesday with above average temperatures continuing as high pressure remains over the west. Humidities will drop into the mid-teens at all elevations again during the day with poor recoveries on mid-slopes and ridges. Light ridge winds in the morning will become westerly during the afternoon. Surface winds remain terrain driven with upslope winds 4 to 8 mph during the afternoon and gusts up to 15 mph in canyons.</p>	

<p>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:</p>	
12 hours:	<p>WEST ZONE: Continued diurnal down canyon flow overnight. Poor humidity recovery overnight will allow for fuels to continue burning and threaten the control lines. Fire growth in Division I and N will be minimal. No growth is expected in the south, west, northwest, and eastern divisions. A thin smoke layer will settle into the lower elevations overnight.</p> <p>EAST ZONE: Good overnight conditions. Expect the fire activity to decrease through the evening hours. Overnight recovery will be between 65-85% (valleys), thermal belts 20-30%. Potential for crews to make progress on building containment lines and manage spot fires.</p>
24 hours:	<p>WEST ZONE: Clear skies again with warm temperatures and poor overnight humidity recover is expected over the entire fire area. Spotting distances will be near .50 miles with the Probability of Ignition near 90%. The fire will continue to burn through the rocky sub-alpine fuels where left unchecked. The main fire growth will continue to be in Div I and Div N. No spread is expected in the southern, western, northwestern and southeastern divisions. Interior islands and stringers of fuel will continue to burn out and threaten control lines. Hot material continues to be found near and threaten the control lines in the north and eastern divisions. Winds begin to increase from the southwest due to a trough entering the area.</p>

Incident Status Summary (ICS-209)

Incident: CALDOR

	<p>EAST ZONE: Temperatures will be in the upper 80's. Forecasted winds will be SW 18 mph. Instability in the atmosphere due to a Haines of 5. Anticipate surface fire, isolated torching and spotting. Moderate overnight recoveries will keep fuels receptive. Local thresholds will be exceeded. Expect comparable fire behavior as the previous operational period. Most of the fire growth will most likely be to the Northeast and East due to sustained W winds.</p>
48 hours:	<p>WEST ZONE: Spotting distances will be above .5miles with the Probability of Ignition above 90%. Southwest winds will be in alignment with the multiple deep drainages throughout the incident. Fire growth in Div I and N will be minimal, but wind tested. Fire weakened timber will continue to release in all areas of the fire and threaten control lines and delay mop-up due to the increase in winds. Interior Islands and stringers will continue to burn out and could threaten control lines due to group torching. Expect an increased amount of service calls due to repopulation and continued smoldering.</p>
	<p>EAST ZONE: Moderate Risk burn environment. Like temperatures as the previous shift. Instability in the atmosphere due to a Haines of 5. Winds will be SW 12mph. Forecasted Southwest winds over the next several operational periods. Fire behavior will include surface fire, potential torching and spotting. Moderate overnight recoveries will keep fuels receptive. Local thresholds will be exceeded. Expect an increase in fire activity with clear air. Potential for thunderstorms.</p>
72 hours:	<p>WEST ZONE: Increase in winds from the southwest with ridgetop gusts possible to 40 mph. Probability of Ignition to remain high at 90% with the spotting between .5 miles and 1 mile. Interior islands will continue to burn out and be a large source of ember cast. Interior islands and stringers of fuel will continue to burn out and could threaten control lines when group torching occurs. The area has the potential to see active crown fire runs during this wind event. Minimal growth is anticipated in Div I and N, but will be wind tested. No growth is expected in all the other divisions. Fire weakened timber will continue to release in all divisions during the high winds. Expect an increased amount of service calls due to repopulation and continued smoldering. Drainages in alignment with the southwest flow will see erratic wind speeds and directional changed (Hwy 50, Strawberry, Div A, Div D, Div I, Div N).</p> <p>EAST ZONE: Temperatures will be in the upper 70's today. Expect comparable fire behavior as the previous operational period. Potential for thunderstorms. Forecasted warm and dry weather through the rest of the week.</p>
Anticipated after 72 hours: Expect similar burning conditions. Temperatures will be in the mid 70's over the next few shifts.	
<p>37. Strategic Objectives (define planned end-state for incident): Leaders Intent:</p> <p>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:</p> <ul style="list-style-type: none">- 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. <p>Management Objectives:</p> <ul style="list-style-type: none">- 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.- 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. <p>Control Objectives: EAST</p>	

Incident Status Summary (ICS-209)

Incident: CALDOR

-Keep the fire south of Mosquito Pass and road systems to N16A, 2N20A, 2N08, and 2N21.

-Keep the fire north of Highway 88.

-Keep the fire west of El Dorado and Alpine County and the 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:

Active burning in heavy, receptive fuel beds presents an imminent threat to values at risk within the fire perimeter and within the path of projected fire growth. Warming and drying conditions will increase the risk of fire activity. Potential still exists for spots to become established well outside of the control lines.

Communities at risk:

Significant threat to the communities of: Camino, Camp Richardson, Caples Lake, Cedar Grove, Christmas Valley, Echo Lake, Fair Play, Fresh Pond, Grizzly Flats, Happy Valley, Hope Valley, Kirkwood, Kit Carson, Kyburz, Lake Valley, Leoni Meadows, Lower Forni, Meyers, Omo Ranch, Phillips, Plasse, Pollock Pines, Randal Tract, Riverton, Sierra-at-Tahoe, Silver Lake, Somerset, Sorensens, Spring Valley, Strawberry, Sweenys Crossing, Twin Bridges, White Hall.

In the State of Nevada, Stateline and Kingsbury are threatened.

Facilities:

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

Public safety facilities threatened include: Amador-El Dorado Unit Headquarters, AEU South Lake Tahoe Fire Station, El Dorado County Fire District Stations, Lake Valley Fire Protection District Stations, South Lake Tahoe Fire Department Stations, Pioneer Fire District Stations, Kirkwood Volunteer Fire Department, USFS Pacific Ranger Station, USFS Placerville Ranger Station, and USFS Grizzly Flats 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 approximately 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 approximately 5000 people without cellular or telephone coverage.

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.

Incident Status Summary (ICS-209)

Incident: CALDOR

Current 12hr threats are continued below...

... Continued from 12-hrs section above:

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 approximately 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.

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, incident logistical support 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.

Airports affected by the TFR and smoke impacts include Lake Tahoe Airport.

Up to five SNOTEL data collection sites are threatened. The SNOTEL network is critical for water management in the region in terms of predicting spring streamflow and Lake Tahoe inflows.

Commercial Resources:

Private businesses, private and federal timberlands (Sierra Pacific Industries), vineyards, and other agricultural lands are threatened and/or impacted. Multiple post offices and places of worship are threatened and/or impacted.

Current 12hr threats are continued below...

48 hours: **... Continued from 24-hrs section above:**

Incident Status Summary (ICS-209)

Incident: **CALDOR**

Economic Impact:

Primary economic impacts are from evacuation orders forcing closures of recreation destinations. This includes ski resorts, numerous 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.

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:

1 - HLCO

1 - OSC

2 - OPBD

5 - DIVS

1 - STF

4 - STG

3 - IHC

3 - HEQB

EAST ZONE:

5 - HEQB

5 - TFLD

4 - Interagency Hotshot Crews

12 hours: **4 - Type 2 IA Crews**

4 - Type 2 Crews

4 - Chippers

1 - RADO

1 - ASGS

1 - HEBM

1 - HEMG

5 - EMPF

5 - EMTF

2 - REMS Modules

3 - SOFR

2 - SEC1

2 - SEC2

1 - PSC1 or PSC2

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:

Steep and rugged terrain, critically dry fuel conditions, and lack of adequate resources have presented control challenges, limiting the ability for direct attack. Specific areas of concern include the Desolation Wilderness (due to extended travel time and limited communications) and Highway 88 (near Silver Lake / Kirkwood). Combined with the complexity of the incident, these factors have created a critical concern for the ability to assure firefighters and public safety. Identified critical resource needs are necessary for continued direct/indirect line construction, holding actions, and mop up. Resources currently assigned that are timing out and/or requiring resets necessitate the need for new resource orders.

EAST ZONE:

East of Highway 89, crews continue to aggressively mop up the direct line from Trimmer Peak to the north side of the large finger. On the south flank of the large finger, crews mopped up line to Saxon Creek and worked to connect the fire line coming from Trimmer peak to the line coming from the Luther Spire area with support from aircraft.

Incident Status Summary (ICS-209)

Incident: CALDOR

On the northwest side of the East Zone near Lower and Upper Echo Lakes, crews constructed direct line east of Ralston Lake and continued perimeter control.

In the Caples Lake area, crews extended direct handline and a hoselay from the eastern end of the lake to the zone break and worked to strengthen existing line.

Crews in and around Meyers and Christmas valley continued to patrol and aggressively mop up around structures and along the fire's edge.

Crews installed hoselays and continued to extend fireline with the support of aircraft in the Scout Peak area.

Wildland fire modules and a heli-rappel crew have been inserted into the Desolation Wilderness to work on containing the northwestern corner of the East Zone with the support of aviation assets.

HEQBs and TFLDs remain a critical need to provide adequate span of control for resources for enhanced safety and coordination. Type 1 and type 2 IA crews are needed to construct line in the remote and rugged Desolation Wilderness, the Trimmer Peak area, and south of Scout Peak.

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.

Heavy mop-up, backhaul of hose, and patrol will continue in areas of DIV A and D. Contingency lines will continue to be constructed in DIV I, and Contingency Branch from Ice House east to the DIV I break. Preparations for potential firing opportunities will occur in DIV N and P. MIST tactics will be used in the Desolation Wilderness. Fire Suppression Repair continues to evaluate repair needs and will implement the Incident's Fire Suppression Repair Plan.

EAST ZONE:

In the Christmas Valley area crews will remain engaged in strengthening direct containment lines with aggressive mop up from Highway 89 west to Scout Peak to reduce the threat to structures. In the Pioneer Trail area, resources will continue to patrol and mop up as necessary and mitigate hazards in preparation for repopulation.

On the northeastern side of the fire, resources will strengthen existing fireline and continue to use a combination of direct and indirect tactics.

On the southern flank of the eastern finger of the fire, a combination of direct hand and dozer line is nearing completion to keep fire from moving to the south and east.

In the northwest part of the zone in the area of Upper and Lower Echo lakes, crews will continue to construct direct fireline toward Ralston Lake. In the Lower and Upper Echo Lake areas, structure prep and line construction operations are complete.

In the Caples Lake area crews will hold line, mop up, and extend fireline toward the zone break.

Wildland fire modules and a heli-rappel crew have been inserted into the Desolation Wilderness to contain the northwestern corner of the East Zone with the support of aircraft. Additional wildland fire modules are on order for this area.

A contingency group is nearing completion on building contingency lines to the northeast of the fire in the event of fire crossing primary containment lines. Mastication and chipping are occurring on road systems south of the east zone of the fire. Crews are also masticating roads in the Fallen Leaf Lake area for contingency purposes.

Planning has occurred to mitigate potential threat to communities in the Foothill Road area east of the fire in the event of continued fire spread to the northeast.

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: **\$127,209,855.00**

46. Projected Final Incident Cost Estimate:

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

A Fire Management Assistance Declaration was declared on August 17, 2021. Incident Period: August 14, 2021, and continuing.

Incident Status Summary (ICS-209)

Incident: CALDOR

(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. CAL FIRE IMT-2 has transitioned with CAL FIRE IMT-6 and will assume command of the West Zone on Wednesday, Sept 8th at 0700 hours.

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.

Box 32: 7 total reportable responder injuries: 3 in the West Zone, 4 in the East Zone.

Box 45: Incident cost is anticipated to increase due to capturing costs not previously reported.

Box 48: Resource reconciliation remains ongoing between the East and West Zones.

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	CR2IA	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	0	4	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	9
BLM	Rsrc	1	1	0	0	0	0	1	0	3	4	0	3	0	0	0	0	0	0	0		
	Pers	20	20	0	0	0	0	8	0	8	17	0	14	0	0	0	0	0	0	0	13	100
C&L	Rsrc	0	0	0	1	6	3	1	30	61	0	1	17	0	11	0	0	0	0	0		
	Pers	0	0	0	21	33	35	11	293	504	0	4	72	0	21	0	0	0	0	0	134	1128
CA	Rsrc	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	56
CA-CDF	Rsrc	20	0	0	3	0	0	0	0	38	0	0	1	5	0	0	0	0	0	0		
	Pers	533	0	0	19	0	0	0	0	460	0	0	12	14	0	0	0	0	0	0	262	1300
DHS	Rsrc	0	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	0	1	1
DOD	Rsrc	0	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	0	1	1
FS	Rsrc	7	2	2	0	0	0	0	0	11	3	0	18	2	3	0	0	0	0	0		
	Pers	144	41	41	0	0	0	0	0	52	17	0	81	7	5	0	0	0	0	0	86	474
FWS	Rsrc	0	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	0	6	0	0	0	0	0	0	0	10	16
NG	Rsrc	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101
NPS	Rsrc	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	14	17
NWS	Rsrc	0	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	0	1	1
OES	Rsrc	0	0	0	0	0	0	0	6	14	0	3	7	0	2	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	50	71	0	11	15	0	4	0	0	0	0	0	9	160
OTHR	Rsrc	0	0	0	0	0	0	0	2	2	1	0	7	0	0	1	0	0	0	0		
	Pers	0	0	0	0	0	0	0	6	8	6	0	22	0	0	2	0	0	0	0	6	50
PRI	Rsrc	0	19	1	0	16	12	3	0	15	8	0	27	48	49	13	14	7	7	6		
	Pers	0	380	21	0	32	16	4	0	52	24	0	82	104	66	15	20	13	10	10	224	1073
ST	Rsrc	0	6	1	0	0	0	0	1	32	1	2	9	2	4	0	0	0	0	0		

Incident Status Summary (ICS-209)

Incident: **CALDOR**

ST	Pers	0	99	21	0	0	0	0	15	120	4	8	30	4	8	0	0	0	0	0	13	322
52. Total Resources		28	29	4	8	22	15	5	39	176	17	6	96	57	69	14	14	7	7	6		4820

53. Additional Cooperating and Assisting Organizations Not Listed Above:
Alpine County Sheriffs Department, Amador County Sheriffs Office, AT&T, 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 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, Paragon Gaming LLC, 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.