

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"): 214112 Acres	8a. Percent (%) Contained or Completed: 43 %	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: 09/04/2021 1745 PDT		13. Approved By: Print Name: Dusty Martin, DPIC Signature: _____	
14. Date/Time Submitted: 09/04/2021 1750 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: Fire behavior decreased in divisions due to the low winds speeds across the fire. A morning smoke inversion also aided in decreasing fire activity. The Probability of Ignition remained at 88% with some group and single tree torching that produced ember cast near the control lines. Hot material continues to be found near and threaten the control lines in the north and eastern divisions. Fire weakened timber continues to burn out and release across the incident. No growth occurred in the south, west, and northwest areas. Rates of spread slowed as the fire entered the sub-alpine fuels and rocky terrain. EAST ZONE: Several days of moderated weather have assisted crews with reaching containment objectives. Fuel moistures remain critically low for both live and dead fuels. The Energy Release Component is above the 97th percentile. The Burning Index is just above the 90th percentile. Wind is one of the major contributing factors to fire spread and growth. Potential for wind driven surface fire due to alignment. Expect most of the fire growth to be to the north 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):			

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**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.

<p>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 80% of structures within the current fire perimeter having been inspected to date. 2,306 structures have been inspected with no damage noted. Reconciliation with the El Dorado County website will be ongoing. Resources timing out and/or requiring resets necessitate the need for new resource orders.</p> <p>Numerous structures have been damaged or destroyed including a school, post office, fire stations, residences, and commercial buildings.</p> <p>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.</p> <p>Numerous power outages are ongoing as a result of the damage and shutdowns.</p> <p>Barton Memorial Hospital has been evacuated.</p> <p>This is not an official report.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">A. Structural Summary</th> <th style="width: 20%;">B. # Threatened (up to 72 hrs)</th> <th style="width: 20%;">C. # Damaged</th> <th style="width: 30%;">D. # Destroyed</th> </tr> </thead> <tbody> <tr> <td>E. Single Residences</td> <td style="text-align: right;">22,474</td> <td style="text-align: right;">46</td> <td style="text-align: right;">712</td> </tr> <tr> <td>F. Multiple Residences</td> <td style="text-align: right;">4,201</td> <td style="text-align: right;">2</td> <td style="text-align: right;">0</td> </tr> <tr> <td>G. Mixed Commercial / Residential</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>H. Nonresidential Commercial Property</td> <td style="text-align: right;">995</td> <td style="text-align: right;">8</td> <td style="text-align: right;">18</td> </tr> <tr> <td>I. Other Minor Structures</td> <td style="text-align: right;">0</td> <td style="text-align: right;">17</td> <td style="text-align: right;">190</td> </tr> </tbody> </table>	A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed	E. Single Residences	22,474	46	712	F. Multiple Residences	4,201	2	0	G. Mixed Commercial / Residential	0	0	0	H. Nonresidential Commercial Property	995	8	18	I. Other Minor Structures	0	17	190
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<p>33. Life, Safety, and Health Status/Threat Remarks: There are 8 evacuation shelters established and two are at maximum capacity.</p>	<p>34. Life, Safety, and Health Threat Management:</p>
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<p>The following Evacuation Orders have been downgraded to Evacuation Warnings in El Dorado County:</p> <p>The evacuation order for El Dorado County, Greater Grizzly East, has been reduced to a warning - The area described as South of Mormon Emigrant Trail, West of North South Road, North of Omo Ranch Road, East of the intersection of Omo Ranch and Slug Gulch Road, South of the Community of Blue Mountain, East of the intersection of Capps Crossing Road and Cypress Point Road. This does not include the Community of Grizzly Flats. Grizzly Flats Road will remain closed at Steely Ridge Road.</p> <p>The following zones had the evacuation warning lifted:</p> <p>The evacuation warning for the Ant Hill area has been lifted - Described as South of Bucks Bar Road, North of Fairplay Road, West of the intersection of Perry Creek Road and Slug Gulch Road, East of the West end of Highview Drive.</p> <p>The evacuation warning for the area South of Omo Ranch Road between Fairplay Road and North South Road in El Dorado County has been lifted.</p> <p>The evacuation warning for the Springer / Leisure areas have been lifted - Described as the area described as South of Pleasant Valley between Bucks Bar Road and New town Road, East of Bucks Bar Road to Mt. Aukum Road. This includes the area of Gopher Hole Road and Moonshadow.</p> <p>The evacuation warning for South of Omo Ranch Road between Fairplay and North South Road in the County of El Dorado has been lifted.</p> <p>The evacuation warning for the Camino Heights / Newtown are has been lifted - South of Highway 50, North of Pleasant Valley, West of Snows Road.</p> <p>EXISTING ORDERS AND WARNINGS</p> <p>In Douglas County, NV: Evacuation Orders in Upper Kingsbury and Lower Kingsbury have been downgraded to Evacuation Warnings.</p> <p>DOUGLAS COUNTY, NV WARNINGS: Douglas Zone 2, Upper Kingsbury, Lower Kingsbury</p> <p>El Dorado County Orders: Carson White Oak, Cement Hill, Cosumnes, Coyoteville, Farnham Ranch, Mosquito, Mt Aukum, Al Tahoe , Bijou, Caples Creek, Caldor, Christmas Valley, Crystal Basin, Desolation, Desolation East, Desolation North, Dogtown Creek, Fallen Leaf, Gardner Mountain, Grizzly Flat Proper, Heavenly, Hell Hole, MET to Hwy 88, Meyers, Northeast Camino and Northwest Pollock, North Echo, Northeast Pollock, Pioneer, Sierra Tract, South Echo, Southeast Pollock, Stateline, Tahoe Island, Tahoe Keys, Tahoma, 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, South Sly Park, Greater Grizzly East, PiPi, Barney Ridge, Omo Ranch, West Omo, Grizzly Flat West, Happy Valley</p> <p>Amador County Orders: Zone 4a, Zone 5a</p> <p>Amador County Warnings: Zone 3, 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>	<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. 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 style="text-align: center;">X</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 style="text-align: center;">X</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;">X</td></tr> <tr><td>P. Trail Closure</td><td style="text-align: center;">X</td></tr> <tr><td>Q. Area Closure</td><td style="text-align: center;">X</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	X	G. Planning for Shelter-in-Place		H. Evacuation(s) in Progress		I. Shelter-in-Place in Progress		J. Repopulation in Progress	X	K. Mass Immunization in Progress		L. Mass Immunization Complete		M. Quarantine in Progress		N. Area Restriction in Effect		O. Road Closure	X	P. Trail Closure	X	Q. Area Closure	X
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<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: Inversion remained strong and held smoke in place through mid day before breaking. Under high pressure, high temperatures ranged from 74-80 at higher elevations and 80-90 over lower elevations and drainages. Minimum relative humidity values fell into the 10-15 percent range. Winds were generally terrain driven, upslope and up canyon 5-10 mph with gusts to 18 mph along the Highway 50 corridor.</p> <p>Forecast for tonight: Clear with areas of smoke. Inversions setting in after 2000 and persisting through the night. 50-56 highest elevations to 56-63 lower elevations. Humidity recovery poor at 20-25 percent. Winds becoming downslope/downcanyon 4-9 mph with gusts to 13 mph in deepest drainages.</p> <p>EAST ZONE: Observations: Very dry air remained over the region with humidities dropping into the teens throughout the fire area today. Ridge level wind directions fairly light and variable keeping smoke trapped over the area. Surface winds were terrain driven over the fire, upslope and upcanyon during the day, with gusts around 15 mph.</p> <p>Saturday Forecast: Strong inversions formed overnight with very poor humidity recoveries only reaching 20 to 30% along the mid-slopes and ridgelines. Good recoveries occurred in the lower valleys with poor recoveries above 6600' only reaching 20 to 30% overnight. Ridge winds remained variable with downslope terrain driven winds over the rest of the fire area.</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>	
<p>WEST ZONE: Continued diurnal down canyon flow overnight. Moderate humidity recovery will allow fire activity to decrease and facilitate direct attack when safe. Fire growth in Division I will be minimal. No growth is expected in the south, west, northwest, and eastern divisions. Smoke will settle into the lower elevation as the inversion builds in the early morning hours.</p> <p>12 hours:</p> <p>EAST ZONE: Moderate overnight conditions. Expect the fire activity to decrease through the evening hours. Overnight recovery will be between 50-60% (valleys), thermal belts 20-30%. Potential for crews to make progress on building containment lines and manage spot fires.</p>	
<p>WEST ZONE: Limited visibility due to the smokey inversion layer that built overnight. Low overnight humidity recover is expected over the entire fire area again. Spotting distances will again be near .50 miles with the Probability of Ignition just below 90%. Rates of spread will slow as the fire enters the rocky sub-alpine fuels, but spotting will continue to be the main contributor to fire growth to the north and northeast. Main fire growth will be in Div I and Div N. Minimal spread in the southern, western, northwestern and southeastern divisions. Fire weakened timber continues to release and threaten control lines. Interior islands will continue to burn out. Hot material continues to be found near and threaten the control lines in the north and eastern divisions.</p> <p>24 hours:</p> <p>EAST ZONE: Temperatures will be in the 80's. Forecasted winds will be SE 10 mph. Anticipate surface fire, isolated torching, and spotting. Poor overnight recoveries will keep fuels receptive. Local thresholds will be exceeded. Expect comparable fire behavior as the previous operational period.</p>	
<p>WEST ZONE: Minimal fire growth will continue in Div I and Div N. The diurnal wind patterns will return producing normal wind flows. An inversion layer will form again overnight reducing fire activity and visibility in the morning hours. Hot material continues to be found near and threaten the control lines in the north and eastern divisions. No fire growth is expected in the south, west, northwest, east, and southeastern portions of the incident. Probability of Ignition will remain below 90% with the spotting distance near .50 miles</p> <p>48 hours:</p>	

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<p>EAST ZONE: Moderate risk burn environment. Slightly warmer today and tomorrow. Instability in the atmosphere due to a Haines of 4. Winds will be SE 10 mph. Forecasted southwest winds over the next several operational periods. Fire behavior will include surface fire, potential torching, and spotting. Poor overnight recoveries will keep fuels receptive. Local thresholds will be exceeded. Expect an increase in fire activity with clear air.</p>
<p>72 hours: WEST ZONE: Winds begin to increase from the southwest due to a trough entering the area. Spotting distances will be near .50 miles with the Probability of Ignition just below 90%. No growth is expected across the incident. Fire weakened timber will continue to release in all areas of the fire and threaten control lines and delay mop-up. Smoldering material will continue to be found near and threaten the control lines in the north and eastern divisions.</p>
<p>EAST ZONE: Temperatures will be in the 80's today. Expect comparable fire behavior to the previous operational period. Forecasted warm and dry weather through the start of the week.</p>
<p>Anticipated after 72 hours: Expect similar burning conditions. Temperatures will remain in the mid 80's throughout the week.</p>
<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> <ul style="list-style-type: none">-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. <p>Control Objectives: WEST</p> <ul style="list-style-type: none">- Keep the fire North of HWY 4.- Keep the fire South of Wentworth Springs Rd.- Keep the fire East of E16 and Fiddletown Rd.
<p>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,</p>

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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, 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.

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.

12 hours: 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.

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:

24 hours: 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.

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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:

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.

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.

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:

- 1 - HLCO
- 1 - Helibase manager
- 1 - Deck
- 1 - OSC
- 2 - OPBD
- 4 - DIVS
- 4 - HEQB

12 hours:

EAST ZONE:

- 10 - HEQB
- 10 - TFLD
- 4 - Interagency Hotshot Crews
- 4 - Type 2 IA Crews

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- 1 - RADO
- 1 - ASGS
- 8 - EMPF
- 3 - SOFR
- 2 - SEC1
- 2 - SEC2
- 1 - PSC1 or PSC2
- 1 - SITL
- 6 - FOBS

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 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:

On the northwest side of the East Zone near Lower and Upper Echo Lakes, crews continued to prep structures and construct direct and indirect line.

Crews in and around the Highway 50 corridor patrolled and aggressively mopped up around structures and along the fire's edge.

East of Highway 89, resources held and strengthened the dozer line on the north flank of the northeastern finger of the fire and worked to extend fireline further to the east to mitigate fire growth toward the state line. On the southern flank of the finger resources continue to construct direct fireline and aggressively mop up.

Crews continue to construct fireline and aggressively mop up lines in the Scout Peak and Caples Lake areas.

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.

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.

Mop-up, backhaul of hose, and patrol will continue in areas of DIV A and D repopulated 9/3. 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. 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 constructing direct containment lines from Highway 89 west to Scout Peak to reduce the threat to structures.

In the Pioneer Trail area, resources will patrol and mop up as necessary.

On the northeastern side of the fire in the Cold Creek Drainage area, resources will continue to use a combination of direct and indirect tactics, working with local utility companies to open road systems to connect to dozer lines to prevent continued fire spread to the northeast.

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

On the northwest part of the zone, crews will continue to construct direct fireline from Highway 50 toward Lower Echo Lake. In the Lower and Upper Echo Lake areas, 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. Mastication and chipping are occurring on road systems south of the east zone of the fire.

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: **\$105,405,690.00**

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. (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 will transition with CAL FIRE IMT-6 and assume command 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	2	0	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	0	10	16
BLM	Rsrc	0	1	0	0	0	0	0	0	4	7	0	3	0	0	0	0	0	0	0	0		
	Pers	0	20	0	0	0	0	0	0	13	29	0	14	0	0	0	0	0	0	0	0	14	90
C&L	Rsrc	0	0	0	0	0	0	0	31	61	0	1	17	0	11	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	301	483	0	4	69	0	21	0	0	0	0	0	0	141	1019
CA	Rsrc	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	43
CA-CDF	Rsrc	22	0	0	3	0	0	0	0	40	0	0	0	10	0	0	0	0	0	0	0		
	Pers	615	0	0	19	0	0	0	0	493	0	0	0	45	0	0	0	0	0	0	0	229	1401
DHS	Rsrc	0	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	0	1	1
DOD	Rsrc	0	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	0	1	1
FS	Rsrc	9	6	0	0	0	0	0	0	13	4	0	15	2	1	0	0	0	0	0	0		

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FS	Pers	189	121	0	0	0	0	0	0	67	23	0	67	7	2	0	0	0	0	94	570
FWS	Rsrc	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	5	0	4	6	0	0	0	0	0	0	0	15
NPS	Rsrc	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	5	0	0	3	0	0	0	0	0	0	5	13
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	0	5	9	0	0	7	0	1	0	0	0	0		
	Pers	0	0	0	0	0	0	0	47	45	0	0	15	0	2	0	0	0	0	11	120
OTHR	Rsrc	0	0	0	0	0	0	0	0	1	1	0	4	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	3	6	0	11	0	0	0	0	0	0	6	26
PRI	Rsrc	0	25	16	0	16	12	3	0	16	12	0	46	76	56	14	14	7	7	6	
	Pers	0	500	11	0	32	16	4	0	55	36	0	138	160	76	17	20	13	10	10	246
ST	Rsrc	0	6	0	0	0	0	0	1	30	1	2	11	2	3	0	0	0	0		
	Pers	0	117	0	0	0	0	0	15	92	4	8	36	2	6	0	0	0	0	14	294
52. Total Resources		31	38	16	7	16	12	3	37	176	25	4	108	90	72	14	14	7	7	6	4954

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.