

Incident Status Summary (ICS-209)

Incident: **MONUMENT**

1. Incident Name: MONUMENT		2. Incident Number: CA-SHF-001187											
3. Report Version (check one box): Initial <input checked="" type="checkbox"/> Update Final	4. Incident Commander(s) & Agency or Organization: Chris Fogle, IC Norm Walker, Deputy IC CIIMT11	5. Incident Management Organization: Type 2 Team	6. Incident Start Date/Time: Date: 07/30/2021 Time: 1810 PDT										
7. Current Incident Size or Area Involved (use unit label – e.g., "Acres", "Square Miles"): 223124 Acres	8a. Percent (%) Contained or Completed: 94 %	9. Incident Type: Wildfire B. Incident Description: C. Cause: Lightning/Natural D. Fire Suppression Strategy:											
	8b. Total Percentage (%) of Perimeter that will be Contained or Completed: 100 %			10. Incident Complexity Level: <input checked="" type="checkbox"/> Single Complex	11. Report Time Period: From Date/Time: 10/18/2021 1800 PDT To Date/Time: 10/19/2021 1500 PDT								
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Strategy</th> <th style="width: 50%;">Percent (%)</th> </tr> </thead> <tbody> <tr> <td>Monitor</td> <td></td> </tr> <tr> <td>Confine</td> <td></td> </tr> <tr> <td>Point Zone Protection</td> <td></td> </tr> <tr> <td>Full Suppression</td> <td style="text-align: center;">100</td> </tr> </tbody> </table>		Strategy	Percent (%)	Monitor		Confine		Point Zone Protection		Full Suppression	100
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12. Prepared By: Print Name: Chris Brenzel Date/Time Prepared: 10/19/2021 1530 PDT		13. Approved By: Print Name: Chris Fogle IC Signature: .											
14. Date/Time Submitted: 10/19/2021 1630 PDT		15. Primary Location, Organization, or Agency Sent To: CA-RICC											
16. State: CA	17. County / Parish / Borough: Trinity	18. City: Del Loma, CA											
19. Unit or Other:	20. Incident Jurisdiction: CA-SHF	21. Incident Location Ownership (if different than jurisdiction): CA-SHF											
22. Latitude/Longitude: Latitude: 40° 45' 8" Longitude: 123° 20' 12"		23. US National Grid Reference: Grid Zone: x-Coordinate: y-Coordinate:											
		24. Legal Description: Principal Meridian: Humboldt Township: 4N Range: 7E Section: 1 1/4 Sec: of 1/4 Sec:											
25. Short Location or Area Description (list all affected areas or a reference point): Del Loma, CA near Monument Peak		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/!2021_FEDERAL_Incidents/CA-SHF-001187_Monument/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): Minimal Smoldering													

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Narrative:

The fire continues to be confined to scattered heavy logs, stump holes and snags well interior of control lines. As the forecasted heavy rains impact the fire area over the next 7-10 days the fire should be all but extinguished.

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

**Timber (Grass and Understory)
Timber (Litter and Understory)
Brush (2 feet)**

Narrative:

The primary carrier of fire at lower elevations is grass and shrub mix. In the mid to upper elevation the fuels are heavy forest litter with shrubs and small trees. There are pockets of heavy dead and down. Fuels are fully cured and available for ignition.

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):	A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed
	E. Single Residences	0	3	20
	F. Multiple Residences	0	0	0
	G. Mixed Commercial / Residential	0	0	0
	H. Nonresidential Commercial Property	0	0	1
	I. Other Minor Structures	0	0	31

31. Public Status Summary: <i>C. Indicate the Number of Civilians (Public) Below:</i>				32. Responder Status Summary: <i>C. Indicate the Number of Responders Below:</i>			
	Previous Report Total	A. # this Reporting Period	B. Total # to-date		Previous Report Total	A. # this Reporting Period	B. Total # to-date
D. Fatalities	0		0	D. Fatalities	0		0
E. With Injuries/Illness	0		0	E. With Injuries/Illness	14	0	14
F. Trapped/In Need of Rescue	0		0	F. Trapped/In Need of Rescue	0		0
G. Missing	0		0	G. Missing	0		0
H. Evacuated	0		0	H. Evacuated	0		0
I. Sheltering in Place	0		0	I. Sheltering in Place	0		0
J. In Temporary Shelters	0		0	J. In Temporary Shelters	0		0
K. Have Received Mass Immunizations	0		0	K. Have Received Mass Immunizations	0		0
L. Require Immunizations	0		0	L. Require Immunizations	0		0
M. In Quarantine	0		0	M. In Quarantine	0		0
N. Total # Civilians (Public) Affected:	0		0	N. Total # Responders Affected:	14	0	14

33. Life, Safety, and Health Status/Threat Remarks:	34. Life, Safety, and Health Threat Management:
35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern):	

Incident Status Summary (ICS-209)

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<p>A frontal zone and 50-70 kt pre-frontal southerly coastal barrier jet were approaching NWRN CA this afternoon. South-southeast winds gusting from 40 to 60 mph will increase in coverage across the EKA CWA under the influence of the jet and a tightening surface pressure gradient. Otherwise, light to moderate rainfall was beginning to spread across the coast. Rain will become moderate to locally heavy in intensity during the 5PM to 11PM time period, with the greatest rainfall totals approaching 2 inches occurring across southwest windward facing terrain. In addition, southerly upslope flow over the Trinity Alps combined with possible wet bulb cooling and the "melting effect" will aid in lowering snowlevels to around 5000 feet MSL. That will support advisory level snowfall at Scott Mountain Summit on Highway 3, which could be hazardous for motorists driving across the pass tonight. An upper-level trough is forecast to amplify offshore during Thursday. Ascent associated with low/mid-level WAA and isentropic upglide will develop downstream from the trough over NRN CA, and aid in light to moderate rainfall spreading north Thursday morning into early afternoon. Thereafter, frontal precipitation will spread east across the coast Thursday evening and contribute toward an additional 1 to 3 inches of rainfall over NWRN CA, with the highest totals once again expected along west-southwest facing mountain slopes and ridges. Rain is then forecast to exit the region Friday, with another round of rain forecast to occur Saturday afternoon, Sunday afternoon, and Monday. Robust westerly moisture flux associated with an atmospheric river is evident in model guidance Sunday and Monday, but the the largest water vapor transport is forecast to occur south of the EKA CWA. Nevertheless, a substantial amount of rainfall will occur through Monday, with totals ranging from 5 to 7 inches in valley locations to in excess of 10 inches across favored topography. In addition, periods of gusty south and west wind will be probable as frontal waves move onshore Sunday and Monday.</p>	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	X	
P. Trail Closure	X	
Q. Area Closure	X	

<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>Minimal fire activity expected. Smoldering in standing snags and large downed logs continues. Potential for roll out remains as trees burnout.</p>	
12 hours:	<p>Snow before 11pm, then snow showers after 11pm. Low around 38. South wind 5 to 10 mph becoming light after midnight. Chance of precipitation is 100%. New snow accumulation of 3 to 5 inches possible above 4500 ft.</p>
<p>Minimal fire activity expected. Smoldering stumps holes, and standing snags expected. Forecasted wetting rains continuing and reducing remaining activity and possibly extinguish some remaining hotspots. Increasing possibility of debris flows and impacts to major travel routes and communities.</p>	
24 hours:	<p>Showers, mainly before 11am. High near 40. South wind 7 to 9 mph. Chance of precipitation is 90%. New precipitation amounts between a tenth and quarter of an inch possible. Wednesday Night A 50 percent chance of showers. Mostly cloudy, with a low around 39. South southeast wind 6 to 8 mph. New precipitation amounts between a tenth and quarter of an inch possible.</p>

Incident Status Summary (ICS-209)

Incident: **MONUMENT**

	<p>Smoldering in stump holes, and snags is possible but becoming less likely as rainfall continues over the fire.</p>
48 hours:	<p>Rain. High near 44. South southeast wind around 9 mph. Chance of precipitation is 90%. New precipitation amounts between a quarter and half of an inch possible.</p> <p>Thursday Night Rain. Low around 41. South wind around 9 mph. Chance of precipitation is 90%. New precipitation amounts between 1 and 2 inches possible.</p>
	<p>More wetting rains will all but extinguish the fire with any heat remaining confined to stump holes and heavy dead and down.</p>
72 hours:	<p>Showers. High near 42. Chance of precipitation is 90%. New precipitation amounts between a quarter and half of an inch possible.</p> <p>Friday Night A chance of showers. Cloudy, with a low around 35.</p>
Anticipated after 72 hours:	<p>Current forecast guidance supports seven day rainfall totals ranging from 6-10" inches along west facing mountain slopes and ridges to the north. This heavy rainfall will all but extinguish any remaining fire. The suppression action of the rain could be out weighed by the damage any debris flow or flooding that might occur due to the unusually high rain fall totals.</p>
<p>37. Strategic Objectives (define planned end-state for incident):</p> <p>Management Objectives:</p> <p>Ensure safety for firefighters and the public through hazard recognition and application of the risk management process.</p> <p>Protect property - both public and private - including the following assets: Hwy 299 corridor, commercial timber lands, natural resource values of Trinity Alps Wilderness, designated wild and scenic rivers and inventory roadless areas.</p> <p>Mitigate the spread of Covid-19, abiding by local measures, and enforcing and instituting 2020 precautions.</p> <p>Integrate with cooperating agencies to protect private and public property of Junction City, Burnt Ranch, Trinity Village, Hayfork and Hyampom.</p> <p>This is a full suppression incident. Roads, ridges, and other natural or manmade breaks and features will be utilized to increase holding opportunities to keep the fire as small as possible.</p> <p>Operational Objectives:</p> <p>Protect values of concern by ensuring fire remains in current footprint.</p> <p>Provide aerial resources for initial attack within the Temporary Flight Restriction area.</p> <p>Coordinate with resource advisors to minimize natural and cultural resource damage. Conduct suppression repair activities in line with the objectives identified in the Fire Suppression Repair Plan.</p>	
<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, commercial facilities, natural and environmental resources, cultural resources, and continuity of operations and/or business. Identify corresponding incident-related potential economic or cascading impacts:</p>	
12 hours:	<p>Commercial: Recreation industry, including river rafting, guide operations, fishing and hunting, and tourism continue to be impacted by the closures. These closures reduce the number of people visiting the area effecting tax revenue and sales at local business that count on income</p>

Incident Status Summary (ICS-209)

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	<p>related to these outdoor activities. Infrastructure: PG&E Transmission lines, PG&E and Trinity County PUD distribution lines, PG&E substations, domestic water sources including streams, rivers, and wells. Hazard trees and the movement of burned unstable slopes could impact the 299 which is the major East/West travel corridor to the coast. Any heavy rains could cause serious impacts to highway. Threatened and Endangered Species and habitat: Northern Spotted Owl, Fisher, Coho Salmon, Chinook Salmon. Recreation industry, including river rafting, guide operations, fishing and hunting, and tourism continue to be impacted by the closures. These closures reduce the number of people visiting the area effecting tax revenue and sales at local business that count on income related to these outdoor activities. Hazard trees and the movement of burned unstable slopes that could impact the 299 which is the major East/West travel corridor to the coast. Any heavy rains could cause serious impacts to the highway and all other travel routes within the fire area. Any debris flows or mudslide that impact the roads will also affect the mainstem and East Fork North Fork Trinity River watershed with an impact to anadromous fish habitat as the spawn is just starting. Archeologic sites including historic and pre-historic. Native American cultural, ceremonial, and botanical sites could also be impacted by mud and debris flows.</p>
24 hours:	<p>Threats remain but they will be unrelated to fire spread and more focused on the possibility of storms causing mud/debris flows and trees falling during wind events. This could cause movement of the unstable burned slopes and effecting travel corridors and infrastructure. Theses conditions could also make driving hazardous and the forecast continue to increase rainfall totals.</p>
48 hours:	<p>All threats remain and could increase as the soils become saturated the potential for movement including land slides increases.</p>
72 hours:	<p>Rain could be locally heavy at times. With more rain in the forecast through out the week. Lowering snow levels and dangerous driving conditions.</p>
Anticipated after 72 hours:	<p>All areas previously discussed could still be impacted. Long series of wetting rains is forecast and indicating increasing possibility of rain and snow above 4000ft with highest threats over the coming weekend.</p>
<p>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:</p>	
12 hours: None	
24 hours: None	
48 hours:	
72 hours:	
Anticipated after 72 hours: None	
<p>40. Strategic Discussion: Explain the relation of overall strategy, constraints, and current available information to:</p> <ol style="list-style-type: none"> 1) critical resource needs identified above, 2) the Incident Action Plan and management objectives and targets, 3) anticipated results. <p>Explain major problems and concerns such as operational challenges, incident management problems, and social, political, economic, or environmental concerns or impacts.</p> <p>Monitoring the fire line that is located in the wilderness as well as patrolling other areas of the fire. Fire continues to smolder on most divisions, away from control lines and should continue to diminish and possibly fully extinguished with the forecasted series of rain events this week. The current strategy being implemented is suppression rehab and hazard tree mitigation. The overall objective is to meet strategic goals while also targeting a transfer of the incident to a local organization in the next 2 days. Approximately 66% suppression repair lines have been repaired and approved, 6% has been completed and is awaiting inspection. This includes hazard tree mitigation and 102 miles remain of identified</p>	

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repair.																
41. Planned Actions for Next Operational Period: Monitor for fire threats in a effort to keep fire within containment lines, minimizing impacts values at risk. Increase containment of open fire line where safe to do so. Repair damage, minimizing negative environmental effects by stabilizing soil conditions and erosion along with restoring resource conditions caused by fire suppression activities following Suppression Repair Plan standards and removing hazard trees along road corridors.																
42. Projected Final Incident Size/Area (use unit label – e.g., "Acres", "Square Miles"): 225,000																
43. Anticipated Incident Containment or Completion Date: 11/01/2021																
44. Projected Significant Resource Demobilization Start Date:																
45. Estimated Incident Costs to Date: \$161,651,891.00																
46. Projected Final Incident Cost Estimate: \$162,000,000.00																
47. Remarks (or continuation of any blocks above – list block number in notation): The incident continues to be managed from the ICP in Redding with operational and overhead resources working from two camps, Weaverville and Hayfork. As work is completed base camps will continue to be shut down. We have shut down Willow Creek Camp and Weaverville Camp will be shutting down 10/20 and Hayfork Camp will shut down Thursday 21st. After the camps have shut down the remaining resources will be working out of Weaverville and logistically supported with local facilities. The change to the camp locations is due to the incoming weather and limited personal remaining on the incident. The forecasts are in better agreement , the fire area will be impacted by a series of moderate to strong storms with high elevation snow (4500ft+) over the fire area increasing through the week, this series of storms will be a season ending event for Northern California with rain estimates exceeding 6 inches for the week. The assessment identified numerous drainages across the Monument fire footprint with a greater than 60% likelihood of producing a debris flow with rainfall rates of 1in/hour over a 15 minute period (0.25in in 15 minutes), and a number of basins with an 80-100% probability of producing a debris flow if these rainfall rates were observed. -Areas most prone include -Drainages along Highway 299 near and west of Big Bar -Drainages along Soldier Creek Road -Drainages along Hayfork Creek																
49. Resources (summarize resources by category, kind, and/or type; show # of resources on top ½ of box, show # of personnel associated with resource on bottom ½ of box):																
48. Agency or Org		CR2	CRC	HEL3	ENG3	ENG6	DOZR	WTDT	WTDS	MAST	SKID	TRVH	AMBU	EXCV	50. Ovhd	51. Tot Pers
BIA	Rsrc	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	1	1
BLM	Rsrc	0	0	0	1	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	5	0	0	0	0	0	0	0	0	0	4	9
CA	Rsrc	0	1	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	10	0	0	0	0	0	0	0	0	0	0	0	34	44
FS	Rsrc	0	0	1	0	1	0	0	0	0	0	0	0	0		
	Pers	0	0	6	0	3	0	0	0	0	0	0	0	0	40	49

Incident Status Summary (ICS-209)

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FWS	Rsrc	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	1	1
NPS	Rsrc	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	4	4	
NWS	Rsrc	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	1	1	
PRI	Rsrc	7	0	0	2	6	2	1	1	1	3	1	3	10			
	Pers	140	0	0	6	18	4	2	1	1	6	2	6	20	20	226	
ST	Rsrc	0	0	0	1	1	0	2	0	0	0	0	0	0			
	Pers	0	0	0	3	2	0	4	0	0	0	0	0	0	3	12	
52. Total Resources		7	1	1	4	8	2	3	1	1	3	1	3	10		347	

53. Additional Cooperating and Assisting Organizations Not Listed Above:
Trinity County OES, CHP, Cal Trans, Trinity County Sheriff, PG&E, Trinity County Public Utilities District, American Red Cross, Hayfork fire, Weaverville Fire, Junction City Fire, CAL-OES, CA Conservation Corp (CCC)