# Lava Fire

Incident Action Plan Day Shift 0700 – 1900

July 16-22, 2021



Shasta-Trinity National Forest



Shasta McCloud Management Unit

Lava

CA-SHF-0949

P5N3XW21 - 0514

IQCS Incident ID#: 550367

**INCIDENT OBJECTIVES (ICS 202)** 

1. Incident Name:	2. Operational Period:	Date From:	7/16/2021	Date To:	7/23/2021
LAVA	2. Operational Feriou.	Time From:	0700	Time To:	1900
3. Objective(s):		Time From.	0700	Tillle 10.	1900
• • • •					
Management Objectives					
<ul> <li>Ensure firefighter and public safety by using strat highest probability of success.</li> </ul>	egies and tactics that mitigat	te known and ant	icipated hazard	ds while prov	iding for
- Maintain and enhance relationships with represe	nted agencies, local landowr	ners, and the gen	eral public.		
- Provide timely and accurate fire information to co	operators and affected comr	nunities.			
- Protect the natural and cultural resources in the f	ire area. Utilize M.I.S.T. in the	ne Mt. Shasta Wil	derness area.		
- Effectively manage cost by implementing strategi	es and tactics that have a hi	gh probability of	success.		
Control Objectives					
<del></del>					
Lava Fire - Keep the fire within the current perime	eter.				
General Situational Awareness:					
Steep and rugged terrain, critically dry and recep	tive fuel beds, active area fo	r fire history and	drought stresse	ed trees.	
	,	,	J		
In the COVID-19 environment, high density popu	lations or large groups are pa	articularly at risk.	To help protec	t yourself, yo	our
family and to ensure all employees return home s	safely, make sure to practice	social distancing	•		
Enhanced hygiene (especially handwashing), PP	E & monitoring practices hel	p limit the infection	on rate of first r	esponders.	
5. Site Safety Plan Required?	Yes □ No				
Approved Site Safety Plan(s) Located at:					
6. Incident Action Plan					
✓ ICS 203 ✓ ICS 215A	O ICS 205 A				
✓ ICS 204 ✓ ICS 220	Training Message				
ICS 205 Facility Maps	Travel Map	☐ HR Me	-		
✓ ICS 206 ✓ Weather Forecast	Demob Plan		Health Messa	ige	
ICS 208 Fire Behavior	Finance Message Position/Title: PSC	Signature:	4		
7. Prepared By:	Chris Luxton (t)	Signature:			
8. Approved by Incident Commander: ICS 202	Onno Luxion (t)	Signature:			· · · · · · · · · · · · · · · · · · ·
100 202					NIMS IAP

# ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name:	2. Operational		Period: Date From:	7/16/2021	Date To:	7/23/2021
LAVA	LAVA		Time From:	0700	Time To:	1900
3. Incident Commander(s) and Command Staff:		7. Operation Secti	on:			
LAVA ICT4	William Bettencourt/	Chris Luxton (t)	Lava Operations	Daniel Cedeno		
Safety Officer	Alan Kirby / Jason Martin (t)		Night Ops			
Information Officer	Jose Acosta / Rebec Gott	a Franco / Ben	Staging Area			
Liaison Officer			Branch	LAVA		
4. Agency/Organizatio	n Representatives:		Division/Group			
Agency/Organization	Name		Division/Group	PATROL	Daniel Cede	eno
AADM Rep	Carolyn Napper		Division/Group	NIGHT PATROL	Chuck New	man/JESSE LEOFLER
CAL FIRE	Darryl Laws		Division/Group			
CHP	Robert Lynam		Division/Group			
Timber Industries Lia	Darin Quigley		Division/Group			
Roseburg Forest	Ryan Duchi		Branch	Bradley		
Union Pacific RR	Gene Womack		Division/Group			
Lake Shatina FD	Steven Pappas		Division/Group			
Weed Fire	Brian Carter		Division/Group			
Siskiyou County SO	Lt Ben Whetstine		Division/Group			
, ,			Division/Group			
			Division/Group			
5. Planning Section:			Division/Group			
Lava PSC3			Division/Group			
			Division/Group			
Resource Unit			Division/Group			
Situation Unit			Division/Group			
Documentation Unit			Division/Group			
Demobilization Unit			Division/Group			
	Annette Navarre		Division/Group			
FBAN			Division/Group			
IMET			Division/Group			
Training Tech Spec			Air Operations Bra	anch	Director:	
FOBS			-	ort Group Supervisor		
READ				Helibase Manager		
6. Logistics Section				<u> </u>		
Chief						
Supply Unit			8. Finance/Admini	stration Section:		
RCDM			Chief	Betty Ballard		
Driver			Time Unit	,		
Camp Crew			Procurement Unit			
	Mountain Medics		EQTR			
COML			Cost Unit			
MECH			PCRT			
Prepared By: Name:	I	Position/Title:	PSC	Signature:		
ICS 203		Date/Time:	7/15/2021			NIMS IAP

Spot Forecast for LAVA FIRE...US FOREST SERVICE National Weather Service Medford OR 220 PM PDT Thu Jul 15 2021

Forecast is based on forecast start time of 0600 PDT on July 16. If conditions become unrepresentative...contact the National Weather Service.

.DISCUSSION...Friday will be the coolest day of this week and the coming week. It will remain clear and dry. However, low afternoon humidities will persist over the area. These humidities, combined with afternoon and evening winds, will create near critical conditions around the burn site. Temperatures will warm through the weekend, then change little through next Thursday.

#### .FRIDAY...

Sky/weather.....Sunny. Patchy smoke in the afternoon. Max temperature.....73-75. Min humidity......16-20 percent. Wind (20 ft)......Variable to 5 mph becoming west 10 mph in the afternoon. CWR.....0 percent. LAL....1. .FRIDAY NIGHT... Sky/weather.....Clear. Haze in the evening. Min temperature....50-52. Max humidity......58-62 percent. Wind (20 ft)......West 10 mph becoming variable to 5 mph. CWR..... percent. LAL....1. .SATURDAY... Sky/weather.....Sunny. Max temperature....74-76. Min humidity.....11-15 percent. Wind (20 ft)......Variable to 5 mph becoming southwest 10 mph in the afternoon. CWR.....0 percent. LAL....1. .FORECAST DAYS 3 THROUGH 7... .SATURDAY NIGHT...Mostly clear. Lows in the upper 50s. Southwest winds 5 to 7 mph. .SUNDAY...Sunny. Highs around 80. South winds around 5 mph. .SUNDAY NIGHT...Mostly clear. Lows in the lower 60s. Northwest winds 5 to 7 mph. .MONDAY...Partly cloudy. Highs around 80. South winds 5 to 7 mph. .MONDAY NIGHT...Mostly clear. Lows around 60. Northwest winds 5 to 6 mph. .TUESDAY...Sunny. Highs around 80. South winds 5 to 6 mph. .WEDNESDAY...Clear. Lows in the upper 50s. Highs in the lower 80s.

.THURSDAY...Clear. Lows in the upper 50s. Highs in the lower 80s.

## FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 17- 21 TYPE OF FIRE: Wildfire

FIRE NAME: Lava OPERATIONAL PERIOD: Saturday-Monday, 10-14 July 2021

TIME & DATE ISSUED: 1200 hours, July 9 2021 SHIFT: Day and Night

UNIT: Shasta Trinity NF, Mt. Shasta RD SIGNED: Patrick Doyle, FBAN-t

## **INPUTS**

## WEATHER SUMMARY: \*\*\* See Fire Weather Forecast for Details (see previous page) \*\*\*

Seasonal conditions – extreme drought conditions, below average snowpack (currently 5% normal) add up to decreased fuel
moisture conditions. This condition will prevail with hot temperatures, low daytime humidity and nighttime recovery rates from
Saturday through Wednesday over fire.

**FUELS:** Lower slopes consist of grasses, manzanita, mountain mahogany, bitter brush, sage and shrubs with juniper, second growth ponderosa pine and mixed conifer in the overstory. Upper slopes consist mixed evergreen forest and dry mixed conifer, interspersed with shrub fields on upper slopes. Fuel continuity is sparse and broken on the upper slope of Mt Shasta as it nears tree-line, eventually fuels diminish to very sparse.

Mt Shasta (40217) RAWS trend:	July 10 (Mon.)	July 11 (Sun.)	July 12 (Mon.)	July 13 (Tue.)	July 14 (Wed.)
, , , , , , , , , , , , , , , , , , , ,	July 10 (Mon.)	July 11 (Juli.)	July 12 (MOII.)	July 13 (Tue.)	July 14 (VVeu.)
<b>ERC</b> (75 = 97 <sup>th</sup> Percentile)	78	79	80	81	80
<b>FM100</b> (7 = 3 <sup>rd</sup> Percentile) -%	6	6	6	5	6
<b>FM1000</b> (8 = 3 <sup>rd</sup> Percentile) - %	8	8	8	8	8
Probability of Ignition - %	100 / 70	90 / 60	90 / 60	90 / 60	90 / 60
(shaded/unshaded)					

## **OUTPUTS**

### **GENERAL:**

Overall, fire behavior will be minimal, except for interior pockets of residual heat finding available vegetation and duff that will smoke and flareup; and upper slopes on Mt Shasta where fire is burning in sparse fuels. Any new ignitions in lower slopes/valley, expect rapid rates of spread where alignment of wind, slope, fuels, and aspect to increase potential torching and crowning, and watch areas where spotting could occur.

Fuel Type (13 & 40)	Max. Rate of Spread (ch/hr)	Max. Flame Length (ft)	Spotting Distance (mi)
Grass (GS2) Timber grass understory	25-30	Up to 6 ft.	< 0.2
Shrub (SH5)	14-144	Up to 22 ft.	<0.2
Timber (TU5) understory/litter	5-28	Up to 10 ft.	<0.2

### SPECIFIC FIRE BEHAVIOR:

## Saturday- Wednesday 07/10-14

#### Lower slopes and Valley:

Minimal fire activity overall, isolated heat and scattered heat will continue to consume dead and down fuels with seasonally low fuel moistures. Occasional flareups in the interior will continue as available fuels are consumed. Watch out for any new activity near edge of fire that may threaten containment lines. Fire activity will diminish over the next 5-days as available fuels are consumed and become less available.

## Upper slopes Mt Shasta:

Minimal-to-moderate fire activity will continue upper edges of fire, especially in the southeast portion of the fire where it is inaccessible and is burning upslope. Fuels are sparse/patchy fuels are primarily isolated to shrub field patches and trees (individual/clumps). Fuels available upslope for fire spread diminishes in 2000-3500 feet, from sparse and patchy to none. There is a degree of uncertainty that the fire growth over next five days will be intermittent.

## **AIR OPERATIONS:**

Gusty winds or smoke can potentially impair aerial support to ground resources. If fire activity increases significantly.

## **SAFETY**

As fire activity winds down, do not let your guard down. Make sure work area is assessed for fire weakened trees and potential rolling hazards (such as rocks & logs) when mopping up and repair work.

## **ASSIGNMENT LIST (ICS 204 WF)**

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

<u> </u>			2. Operational Period:			3. Branch	Division
<b>L</b>							
			Date From: 07/16/21	Date To:	07/23/21	LAVA	PATROL
			Time From: 0700	Time To:	1900	LAVA	PAIRUL
ıl:						Page 1 of 1	
iel Ceden	10			Night Ops:			
				Branch Safety:			
iel Ceden	10			Air Attack:			
	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location
		7/28	Lonny Hagedon	3	E-306	0700-1900	ICP
		7/28	Lonny Hagedon	2	E-308	0700-1900	ICP
		7/27	Paula	3	E-304	0700-1900	ICP
		7/27	Vanessa	3	E-305	0700-1900	ICP
		7/26	COREY BUCKLEY	9	O-389	0700-1900	ICP
		7/26	MARIO ALVAREZ	8	O-390	0700-1900	ICP
		7/21	HERNANDEZ, JOSHUA	2	E-247	0700-1900	ICP
		7/27	SPURLOCK, HANK	1	E-83	0700-1900	ICP
		7/27	PARRIOT, JARED	1	E-81	0700-1900	ICP
		7/20	WALTON, DANIEL B	1	O-260	0700-1900	ICP
3		7/29		5	E-307	0700-1900	ICP
	niel Ceder	niel Cedeno ALS	niel Cedeno  ALS LWD 7/28 7/28 7/27 7/27 7/26 7/26 7/27 7/27 7/27 7/27	ALS   LWD   Leader	Night Ops:           Branch Safety:           ALS LWD Leader Personnel           7/28 Lonny Hagedon         3           7/27 Paula         3           7/27 Vanessa         3           7/26 COREY BUCKLEY         9           7/26 MARIO ALVAREZ         8           7/21 HERNANDEZ, JOSHUA         2           7/27 SPURLOCK, HANK         1           7/27 PARRIOT, JARED         1           7/20 WALTON, DANIEL B         1	Night Ops: Branch Safety: Air Attack:           ALS LWD Leader Personnel Request #           7/28 Lonny Hagedon 3 E-306           7/28 Lonny Hagedon 2 E-308           7/27 Paula 3 E-304           7/27 Vanessa 3 E-305           7/26 COREY BUCKLEY 9 O-389           7/26 MARIO ALVAREZ 8 O-390           7/21 HERNANDEZ, JOSHUA 2 E-247           7/27 SPURLOCK, HANK 1 E-83           7/27 PARRIOT, JARED 1 E-81           7/20 WALTON, DANIEL B 1 O-260	Night Ops:   Branch Safety:   Air Attack:

6. W	ork .	Assig	nments:
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TASK: Tactical Patrol. Eliminate hazards and mop-up where necessary.

Nisha van Hees

**PURPOSE:** To eliminate threats to the fire line.

**END STATE:** Fire containment

## 7. Special Instructions:

Backhaul all trash and equipment.

ons

9. Prepared by: Name:

Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
SHF-R	2	Forest Net	171.5750		165.0125		Tones 15, 6
R5 TAC5	5	TACTICAL	167.1125		167.1125		
CALCORD	14	TACTICAL	156.0750		156.0750		Tone 6
R5 AG08	15	AIR TO GROUND	166.8750		166.8750		
R5 AG43	16	AIR TO GROUND	167.6000		167.6000		

			Signature:_		_
ICS 204	Date/Time: 7/15/2021	1600		Personnel Count:	38

PSC3

## **ASSIGNMENT LIST (ICS 204 WF)**

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

1. Incident Name:				2. Operation		(		3. Branch	Division
				-			0=100104	J. Branch	DIVISION
		Date From:	07/16/21	Date To:	07/23/21	LAVA	Night Patrol		
			Time From:	0700	Time To:	1900		_	
4. Operations Person						1		Page 1 of 1	
Operations Section Chief:		no				Night Ops:			
Branch Director:						Branch Safety:			
Division/Group Supervisor:						Air Attack:		1	
5. Resources Assign	ed:		ı						
Resource Identifier		ALS	LWD		ader	Personnel	Request #	Hours	Reporting Location
ENG6 CO PSF 111			7/17	NEWMAN	N, CHUCK	5	E-250	1900-0700	ICP
ENG TY5 MULE CRE	EK								Mt. Shasta RD
6. Work Assignments									
Tactical patrol between	n DP14 to DP2	2 on Hv	vy 97						
7 Special Instruction									
7. Special Instruction	15.								
Backhaul all trash and	Loguinmont								
Dackilaul all trasil allu	equipment.								
8. Communications									
Name		Ch	F	unction	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
SHF-R		2	+	orest Net	171.5750	13.10110	165.0125	1.7.10110	
R5 TAC5		5		ACTICAL	167.1125		167.1125		Tones 15, 6
CALCORD		14		ACTICAL	156.0750		156.0750		Tono 6
R5 AG08		15		O GROUND	166.8750		166.8750		Tone 6
R5 AG08		16		O GROUND	167.6000		167.6000		
	<b>^</b>	ļ			107.0000	DSC2	107.0000		
9. Prepared by: Name	e:	ivisna	van H	ees		PSC3	Clandrin		
100.004	1			Det T	7/45/0004	4000	Signature:		
ICS 204				Date/Time:	7/15/2021	1600		Pe	rsonnel Count: 5

## SAFETY MESSAGE

		IOE					
Incident:	Date:	Time:					
Lava Fire	July 16 – 23, 2021	0700 - 1900					
Major Hazards an	Major Hazards and Risks:						
° Travel							
° Transition							

° Complacency

° Communications

No driver is permitted to drive over 10 hours, which includes a 10 minute break every two hours. Drive defensively: Maintain a **3 second plus following distance**, obey the speed limit, **scan the road ahead** and use the "what if" strategy as you observe hazards.

Defensive Driving Tip of the day is: Use the <u>delayed acceleration technique</u> at intersections. This means once the red light turns green or the vehicle ahead of you starts to move forward, you should stay put and count, "One thousand one, one thousand two" prior to moving forward. This allows for the path or lane ahead to clear out (including that last vehicle trying to beat the light).

If you have drove past Midland without stopping for a break, you are a moron and have jeopardized our team's commitment to safety! Stop every two hours!

Do Not Assume, ask questions! This is a new assignment; don't let any counter parts get away until you are comfortable that you know what you need to know. **Accidents, injuries and fatalities can occur during transition**. Don't loose site of the overall picture, resources and fires are already out there!

DIVS will assume a much higher degree of responsibility in the coordination of resources. **Ensure Communications** is fluid and clear, up and down the ladder! Report any travel problems immediately!

Get focused and expect a lot of changes! Ask questions maintain a high level of Situational Awareness.

#### Heed the WARNING:



Safety Officer: Matthew Lucas

## **INCIDENT SAFETY ANALYSIS 215a**

Lava Fi	re	July 16, 2021 0700-July 23, 2021 1900
8. Task	9. Hazard	13. Identify hazard mitigations & controls (press [alt + enter] to add a line)
Bucket Work	Aircraft Mishap - General	~ Ensure positive communication with all air resources ~ Don't plan on air resources for medical transport or resupply ~ Follow "Aviation Watch-Out Situations" IRPG Pg. 46 ~ Refer to "Directing Bucket or Retardant Drops IRPG Pg. 58 ~ Refer to "Aerial Retardant Safety" IRPG Pg. 57 ~ Refer to "Aircraft Mishap Response Procedure" IRPG Pg. 62
Direct Line Construction - Hand tools/Saws	Lava Beds	<ul> <li>Slow down and be sure of your footing.</li> <li>Wear gloves at all times</li> <li>Flag vertical tubes and pass on info.</li> <li>Be mindful of tire damage when driving through lava beds.</li> </ul>
Transportation - Ground/Roads Maintenance	Equipment - Crushed by Heavy Equipment/Rollover	<ul> <li>When working around a dozer or tractor plow, stay at least 100 feet in front or 50 feet behind the equipment.</li> <li>Allow no one but the operator to ride on the equipment.</li> <li>Operators will wear required personal protective equipment (PPE) and carry a fire shelter.</li> <li>Refer to Pg. 86 of IRPG.</li> </ul>
Line Construction All	MVA - Surface	<ul> <li>Use Road Graders with Water Tenders for repair.</li> <li>Alternative route to limit over use.</li> <li>Scout and communicate on road conditions prior to driving on over used forest roads.</li> <li>Drive slow in poor road conditions.</li> <li>When getting pulled out stay clear of cables and chains. Have a plan before getting pulled out.</li> </ul>
Spike Camp	Medical - Patient Evacuation Delay	∼ Assure line Medics or EMT's are assigned to spike camps ∼Select air evac sites at or near spikes ∼Maintain crew supplies for minimum of two days
Suppression Repair - Mechanical	Equipment - Crushed by Heavy Equipment/Rollover	<ul> <li>Ensure communications are established with operators</li> <li>Make positive contact with operator before approaching.</li> <li>Use hand signals if other communications are unavailable</li> <li>Maintain a 50'-100' exclusion area around equipment</li> <li>Use a spotter when backing qualified operators and appropriate overhead.</li> <li>Close roads or trails if necessary for public safety.</li> <li>PPE including hearing protection.</li> <li>Maintain safe working distance from equipment</li> </ul>
Line Construction All	Medical - Heat Related Illness	~ Drink Fluids throughout operational period (6-8 quarts/shift).
Direct Line Construction - Hand tools/Saws	Hit by Rolling Material in Steep Terrain	~ Have a lookout in place for rolling material ~ Place crewmembers in a staggered pattern to avoid moving debris on fire personnel

Line Construction All	Entrapment - Rapid Change in Fire Behavior	<ul> <li>Utilized full PPE in fire area at all times</li> <li>Implement LCES plan that accounts for extreme conditions.</li> <li>Disengage at first sight of trouble and reassess.</li> <li>Monitor Wx hourly and communicate findings to all.</li> <li>Identify or construct safety zones adequate for personnel assigned to the area.</li> </ul>
Spike Camp	Hostile Wildlife	∼ Watch out for wildlife & livestock inside fire area and along roadways. ∼ Clean up all debris and trash during each operational period
Line Construction All	Hit by Tree/Snag/Branch	<ul> <li>Follow "Hazard Tree Safety" guidelines, IRPG page 22-23.</li> <li>Post lookouts or use a spotter in mop-up areas that have hazard trees.</li> <li>Don't park vehicles or take breaks in high concentrations of hazard trees.</li> <li>Establish trigger points for disengagement during high wind events.</li> <li>Maintain a hazard zone of a minimum of 2 1/2 tree heights.</li> <li>Perform a risk assessment before entering area and ask why and is the gain worth the risk.</li> </ul>
Patrol/Secure Fires Edge/Mop-up	Marijuana Grows/Criminally Active Area	<ul> <li>Do not enter areas unless there is a law enforcement presence.</li> <li>Be aware of the presence of toxic chemicals.</li> <li>Local criminal elements and organized crime can be involved in the organization.</li> <li>Anti-Personnel Devices (APD) may be present.</li> </ul>
Line Construction All	Railway Activity	<ul> <li>Post a lookout when working on or near tracks</li> <li>Only spend as much time on or crossing tracks as absolutely necessary.</li> <li>Look up and down tracks at crossings.</li> </ul>
Line Construction All	Power Utilities	~ Refer to the IRPG pages 24-25 for Power Line Safety. ~ Notify all personnel of down electrical lines. ~ Always treat downed wires as energized, even old telegraph lines. ~ Identify and avoid high tension transmission lines.

			Incident Name				Date/Time Pre	pared		Operation	nal Period Date/Time
			LAVA				07-13-20	021		07/15/2	021 0700 – 07/23/2021 1900
Uti		cy other than those listed on FCC and demobilization		ed, subject to	fines by the						
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	N or W	RX Tone/NAC	TX Freq	N or W	Tx Tone/NAC	Mode A, D or M	Remarks
1	TACTICAL	SMMU		166.9	9875		166.9	875			SHASTA MCCLOUD MNG UNT
2	FOREST NET	SHF-R		171.5	5750		165.0	125			TONES 15, 6
3	TACTICAL	NIFC T2		168.2	2000		168.2	000			
4	TACTICAL	R5 TAC4		166.5	5500		166.5	500			
5	TACTICAL	R5 TAC5		167.	1125		167.1	125			
6	SERVICE NET	SERV-R		171.5	5000		164.8	250			TONES 15, 6
7	CAL FIRE	SKU		151.3	3250		159.3	600			
8	COMMAND	CDF C2		151.2	2850		159.3	300			CAL FIRE COMMAND
9	TACTICAL	CDF 17		151.3	3400		151.3	400			TONE 16
10	TACTICAL	CDF T8		151.3	3700		151.3	700			TONE 16
11	TACTICAL	CDF T9		151.3	3850		151.3	850			TONE 16
12	TACTICAL	CDF T10		151.1	1900		159.2	250			TONE 16
13	COMMAND	SIS CMD		154.2	2500		156.1	050			
14	TACTICAL	CALCORD		156.0	0750		156.0	750			TONE 6
15	AIR to GROUND	R5 AG08		166.8	3750		166.8	750			
16	AIR to GROUND	R5 AG43		167.6	5000		167.6	000			
	epared by (Communi	ications Unit)				Incident Location		nasta NF			
Ra	ındy Durnil					County Siskiyo	U	State C	a Latitude	•	

ICS 205

# **ACTIVITY LOG (ICS 214)**

1. Incident Name:			2. Operational Period: Date Fro	m: Date To:
			Time Fro	m: Time To:
3. Name:		4. IC	S Position:	5. Home Agency (and Unit):
0 B				
6. Resources Assig			ICS Position	Home Agency (and Hait)
Nan	ne		ICS Position	Home Agency (and Unit)
7. Activity Log:				
Date/Time	Notable Activities			
8. Prepared by: Na	ame:		Position/Title:	Signature:
ICS 214, Page 1			Date/Time:	

# **ACTIVITY LOG (ICS 214)**

1. Incident Name:		2. Operational Period:	Date From:	Date To:
			Time From:	Time To:
7. Activity Log (con	tinuation):			
Date/Time	Notable Activities			
0. Burner 11		D 'C' /T'C		N
	ıme:			Signature:
ICS 214, Page 2		Date/Time:		

## ICS 214 Activity Log

**Purpose.** The Activity Log (ICS 214) records details of notable activities at any ICS level, including single resources, equipment, Task Forces, etc. These logs provide basic incident activity documentation, and a reference for any afteraction report.

**Preparation.** An ICS 214 can be initiated and maintained by personnel in various ICS positions as it is needed or appropriate. Personnel should document how relevant incident activities are occurring and progressing, or any notable events or communications.

**Distribution.** Completed ICS 214s are submitted to supervisors, who forward them to the Documentation Unit. All completed original forms must be given to the Documentation Unit, which maintains a file of all ICS 214s. It is recommended that individuals retain a copy for their own records.

#### Notes:

- The ICS 214 can be printed as a two-sided form.
- Use additional copies as continuation sheets as needed, and indicate pagination as used.

Block Number	Block Title	Instructions
1	Incident Name	Enter the name assigned to the incident.
2	<ul><li>Operational Period</li><li>Date and Time From</li><li>Date and Time To</li></ul>	Enter the start date (month/day/year) and time (using the 24-hour clock) and end date and time for the operational period to which the form applies.
3	Name	Enter the title of the organizational unit or resource designator (e.g., Facilities Unit, Safety Officer, Strike Team).
4	ICS Position	Enter the name and ICS position of the individual in charge of the Unit.
5	Home Agency (and Unit)	Enter the home agency of the individual completing the ICS 214. Enter a unit designator if utilized by the jurisdiction or discipline.
6	Resources Assigned	Enter the following information for resources assigned:
	Name	Use this section to enter the resource's name. For all individuals, use at least the first initial and last name. Cell phone number for the individual can be added as an option.
	ICS Position	Use this section to enter the resource's ICS position (e.g., Finance Section Chief).
	Home Agency (and Unit)	Use this section to enter the resource's home agency and/or unit (e.g., Des Moines Public Works Department, Water Management Unit).
7	Activity Log	<ul> <li>Enter the time (24-hour clock) and briefly describe individual notable activities. Note the date as well if the operational period covers more than one day.</li> <li>Activities described may include notable occurrences or events such</li> </ul>
		as task assignments, task completions, injuries, difficulties encountered, etc.
		This block can also be used to track personal work habits by adding columns such as "Action Required," "Delegated To," "Status," etc.
8	Prepared by  Name Position/Title Signature Date/Time	Enter the name, ICS position/title, and signature of the person preparing the form. Enter date (month/day/year) and time prepared (24-hour clock).

# **MEDICAL PLAN (ICS 206 WF)**

	1. li	ncident Nan	ne			2. Operational Per	riod				
Lava & Bradley	Fires	<b>3</b>				Date/Time: 07/16/2021 — (	07/23/	2021	070	0-1900	
3. EMS / Ambulance Serv	vices					T			I		
Name			Location			Contact Me	thod		Advand Yes	ed Life Su (ALS)	upport No
REMS 1		Available	ncident Wide			Contact on Co	omman	ıd	XX		
Mt. Shasta Ambulance	sta Ambulance 1020 Oak St. Mt. Shasta, 0		CA 960	67	530-842-7066			XX			
Ambulance 3		Available incident wide				Contact Con	nmand		XX		
4. Air Rescue / Air Ambu	lance Se	rvices									
Name			Contact			Ту	pe of A	ircraf	t & Capabili	ty	
Helicopter 3JR			Lava Heliba	ase		Type 3, BLS, Sho	ort Hau	ıl ( Da	y Only )		
CHP H14 / H16			Redding 530-226-24			Type 3, ALS, Hoi	ist ( Da	y On	ly)		
PHI Air Medical			Redding 530-226-24			Type 3 Air Ambu	ılance,	ALS			
Reach 5			Redding 530-226-24			Type 3 Air Ambu	ılance,	ALS			
5. Hospitals (all times e	stimated	from incide	ent location)			<u>'</u>					
Name & Level		GPS Datum egrees Deci	– WGS 84 nal Minutes			Helipad Phone Yes No					
Mercy Mt. Shasta Medical Center	Lat:	N 41° 19.117' W 122° 19.203'		5 Mins	20 Min s	ER 530-926-9360	XX		914 Pine St. Mt. Shasta, CA		
Fairchild Medical Center	Lat: Long:	N 41° 43	3.164'	10 Mins	30 Min	ER 530-841-6292	XX		444 Bruce Yreka, CA		
Mercy Medical Center Level 2 Trauma	Lat:	N 40°34 W 122°2		20 Mins	1.25 Hrs	ER 530-225-7201	XX		2175 Rosaline Ave. Redding, CA		
STEMI / Stroke Shasta Regional Medical Center	Lat:	N 40°35		20 Mins	1.25 Hrs	ER 530-244-5353	XX		1100 Butte St. Redding, CA		
UC Davis Medical Center Level I Trauma / Burn	Lat:	N 38°33	293	1.75 Hrs	3.5 Hrs	ER 916-734-3790 Burn	XX		2315 Stockton Blvd. Sacramento, CA		-
6. Division / Crew Emerge Fireline EMT / Medic's D	ncy Pre-	Plan		Jpdate	and	916-734-3636  discuss with as	ssign	ed re	esources	daily.	
/ Branch Location Air Hoist site location si Long: / Elevation:	te: Lat:	1									
Helispot: Lat: / Long: / Elevation:											
7. Prepared By (Medical U		er)	8. Date/Time			9. Reviewed By	(Safety	y Offic	er)	10. Dat	te/Time
/s/Matt Lucas			07/12/2021 15	500		/s/Matt Lucas				07/12/20 1500	21

## **MEDICAL PLAN (ICS 206 WF)**

#### Medical Incident Report

FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.

FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.

Use the following items to communicate situation to communications/dispatch.

Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."

2. INCIDENT STATUS: Provide incident summary (including number of patients) and command structure.

Ex: "Communications, I have a Red pr Trout Meadow Medical, IC is TFLD Jones.	iority patient, unconscious, struck by a falling tree. Requesting air ambulanc EMT Smith is providing medical care."	te to Forest Road 1 at (Lat./Long.) This will be the
Severity of Emergency / Transport Priority	□ RED / PRIORITY 1 Life or limb threatening injury or illness Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burn. □ YELLOW / PRIORITY 2 Serious Injury or illness. Evacuation Ex: Significant trauma, unable to walk, 2° – 3° burns not more than 1-□ GREEN / PRIORITY 3 Minor Injury or illness. Non-Emerger Ex: Sprains, strains, minor heat-related illness.	s more than 4 palm sizes, heat stroke, disoriented. on may be DELAYED if necessary. 3 palm sizes.
Nature of Injury or Illness & Mechanism of Injury		Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)
Transport Request		Air Ambulance / Short Haul/Hoist Ground Ambulance / Other
Patient Location		Descriptive Location & Lat. / Long. (WGS84)
Incident Name		Geographic Name + "Medical" (Ex: Trout Meadow Medical)
On-Scene Incident Commander		Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)
Patient Care		Name of Care Provider (Ex: EMT Smith)
	Complete this section for each patient as applicable (start with the most severe patient)	atient)
Patient Assessment: See IRPG PAGE	<u>:</u> 106	
Treatment:		
4. TRANSPORT PLAN:		
Evacuation Location (if different): (De-	scriptive Location (drop point, intersection, etc.) or Lat. / Long.) Pa	ttient's ETA to Evacuation Location:
Helispot / Extraction Site Size and Ha	zards:	

## 5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:

Example: Paramedic/EMT, Crews, Immobilization Devices, AED, Oxygen, Trauma Bag, IV/Fluid(s), Splints, Rope rescue, Wheeled litter, HAZMAT, Extrication

Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *
COMMAND					
AIR-TO-GRND					
TACTICAL					
TACTICAL					

7. CONTINGENCY: Considerations: If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.

8. ADDITIONAL INFORMATION: Updates/Changes, et c.

<u>REMEMBER:</u> Confirm ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.