

LAVA FIRE IAP



CA-SHF-000949

P5N3XW (0514)

JULY 1, 2021

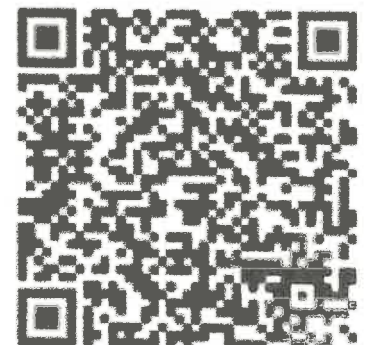
NIGHT SHIFT

1800 – 0600



NIGHT IAP



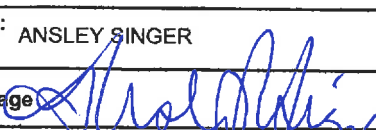
MAPS



INCIDENT OBJECTIVES (ICS 202)

1. Incident Name:		2. Operational Period: NIGHT	
LAVA		Date/Time From: 07/01/2021 1800 THU	Date/Time To: 07/02/2021 0600 FRI
3. Objective(s):			
Management Objectives:			
<ol style="list-style-type: none"> 1. Ensure firefighter and public safety by using strategies and tactics that mitigate known and anticipated hazards while providing for highest probability of success. 2. Maintain and enhance relationships with represented agencies, local landowners, and the general public. 3. Provide timely and accurate fire information to cooperators and affected communities. 4. Protect the natural resources in the fire area to create risk-based decisions while utilizing M.I.S.T. in the Mt. Shasta wilderness area. 5. Effectively manage cost by implementing strategies and tactics that have a high probability of success. 			
Control Objectives:			
Keep fire:			
<ul style="list-style-type: none"> · North of Cascade Gulch · East of Big Spring Road · South of Deer Mt Road · West of the North Gate Trailhead 			
4. Operational Period Command Emphasis:			
General Situational Awareness:			
5. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Approved Site Safety Plan(s) Located			
6. Incident Action Plan (the items checked below are included in this Incident Action Plan):			
<input checked="" type="checkbox"/> ICS 202	<input type="checkbox"/> ICS 207	Other Attachments:	
<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 208	<input checked="" type="checkbox"/> SAFETY MESSAGE	
<input checked="" type="checkbox"/> ICS 204	<input checked="" type="checkbox"/> ICS 220	<input checked="" type="checkbox"/> 215A	
<input checked="" type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Map/Chart	<input checked="" type="checkbox"/> HR MESSAGE	
<input type="checkbox"/> ICS 205A	<input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<input checked="" type="checkbox"/> MIST	
<input checked="" type="checkbox"/> ICS 206			
7. Prepared by: ARTIE COLSON		Position/Title: PSC2	Signature: 
8. Approved by Incident Commander:		Name: STEVE WATKINS / MIKE STRAWHUN	Signature: 
ICS 202	IAP Page	Date/Time: 07/01/2021 1400	

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name:		2. Operational Period: NIGHT	
LAVA		Date/Time From: 07/01/2021 1800 THU	Date/Time To: 07/02/2021 0600 FRI
3. Incident Commander(s) and Command Staff:		7. Operations Section:	
IC/UC	STEVE WATKINS; DARRYL LAWS CLINTON GOULD (T)	DAY OPS SECTION CHIEF	JEFF HINSON CHANCE TRAUB (T)
DEPUTY	MICHAEL STRAWHUN	NIGHT OPS SECTION CHIEF	JACK FROGGATT PAT BELL (T)
SAFETY OFFICER	GREG MARFIL	PLANNING OPS	ALEC LANE GORDON MEYER (T)
INFORMATION OFFICER	RAY SINGH; MICHELLE CARBONARO	DEPUTY OPS SECTION CHIEF	STEVE WALKER
LIAISON OFFICER	DAVID COOPER; DENNIS REIN	Branch I	
4. Agency/Organization Representative(s):		BRANCH DIRECTOR	
Agency/Organization	Name	DEPUTY	
SHF AGENCY ADMINISTRATOR	CAROLYN NAPPER	DIVISION/GROUP A/E	PHILIP GERHARDSON
CHP	ROBERT LYNAM	Branch III	
TIMBER INDUSTRY LIAISON	DARIN QUIGLEY	BRANCH DIRECTOR	
ROSEBURG FOREST PRODUCTS	RYAN DUCHI	DEPUTY	
UNION PACIFIC RAILROAD	GENE WOMACK	DIVISION/GROUP N/P	MIKE ANDERSON; JASON OBANNON
LAKE SHASTINA FIRE	STEVEN PAPPAS	DIVISION/GROUP R	ABEL MATA
WEED FIRE	BRIAN CARTER	Branch V	
SISKIYOU COUNTY SHERIFF	LT. BEN WHETSTINE	BRANCH DIRECTOR	SHAWN RALEY
OES	PATRICK TITUS	DEPUTY	
5. Planning Section:		DIVISION/GROUP T	LARRY TURMAN
CHIEF	ARTIE COLSON	DIVISION/GROUP Z	DUSTIN OSBORN
READ	NICK MEYERS	Branch .	
RESOURCES UNIT	A.SINGER; S.SOLIS N.PHILLIPE; J.LEBLANC(T)	DIVISION/GROUP CONTINGENCY	
SITUATION UNIT	MARK LEMON; ROBERT HERRERA	DIVISION/GROUP	
DEMOB	MARIAN KADOTA	7b. Air Operations Branch:	
TRAINING SPECIALIST	BRAD SMITH	AIR OPS BRANCH DIRECTOR	STACI DICKSON
GISS	STEVE ROGNESS; DAVID GABALDON	AIR ATTACK SUPERVISOR	
ITSS	R. WATSON; A. HENNEN; J.ZAPATA(T)	AIR SUPPORT SUPERVISOR	CURT WARNER
IMET	ERIC KURTH	HELICOPTER COORDINATOR	
FBAN	TARO PUSINA; JOSH EICHAMER (T)	AIR TANKER COORDINATOR	
DOCL	JOHANNA OSTLING	8. Finance/Administration Section:	
6. Logistics Section:		CHIEF	JOAN DISNEY LISA DOW (T)
CHIEF	MARK RATEKIN	DEPUTY	
DEPUTY	RANDY JACKSON	TIME UNIT	TIFFANIE SACHSE-SANTI PAULLA STEPHENS
SUPPLY UNIT	D. GERSTUNG; J. MIDDLETON	PROCUREMENT UNIT	
FACILITIES UNIT	MATTHEW WIGGINS	COMPENSATION UNIT	
GSUL	LARRY AMERJAN; VERNON SMITH	COST UNIT	SANDRA TARVIN (T)
COML	JOE MEHCIZ		
MEDICAL UNIT	MICKEY BRUNELLI		
FOOD UNIT	MICHAEL CHAPMAN		
9. Prepared By:		Position/Title: RESL	Signature:
ICS 203	Name: ANSLEY SINGER IAP Page: 	Date/Time: 07/01/2021 1400	



Fire Weather Forecast



FORECAST NO: 6
PREDICTION FOR: 7/1-7/2/2021
SHIFT DATE: Night
FORECAST ISSUED: 1130 7/1/2021

NAME OF FIRE: Lava Fire
UNIT: CA-SHF
SIGNED: *Eric C. Kurth*
Incident Meteorologist
eric.kurth@noaa.gov (240)-778-5292

...Wind Shifts to Northwesterly Early Evening North End of Fire...

WEATHER DISCUSSION: Clear skies tonight. There could be a brief period of plume growth around sunset. A shift to northwest winds is expected over the northern portion of the fire in the evening. Winds decrease through late evening, with downslope winds developing after midnight. An inversion is forecast to develop around 2300 PDT, with smoke thickening under the inversion. Morning low temperatures should trend slightly warmer, with decreased humidity recoveries.

WEATHER FORECAST:

WEATHER: Mostly clear. Areas smoke thickening under inversion.

TEMPERATURES: 59-64 valleys and 58-65 ridges.

HUMIDITY: 45-55 percent valleys and 40-50 percent ridges.

20 FT WINDS:

UPPER SLOPE/RIDGETOP - South winds 5 to 10 mph with gusts to 15 mph. For the northern portion of the fire winds shift to the north 5 to 10 mph with gusts to 15 mph in the early evening, starting around 1800 PDT. Winds decrease after 2200 PDT, becoming downslope 2 to 5 mph overnight.

LOWER SLOPE/VALLEY - South 5 to 8 mph with gusts to 15 mph. For the northern portion of the fire area winds shift to northwest 5 to 10 mph with gusts to 18 mph in the early evening, starting around 1800 PDT. Winds decrease after 2100 PDT, becoming variable 1 to 4 mph overnight,

HAINES INDEX: 5 in the early evening then becoming 4.
LAL: 1

STABILITY/INVERSION: Plume building around 1700 PDT then diminishing after 2000 PDT. Inversion with smoke laying down after midnight.

Please send surface observations to Eric.Kurth@noaa.gov or text to (240)-778-5292

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 7	TYPE OF FIRE: Wildfire
FIRE NAME: Lava	OPERATIONAL PERIOD: Night 1800 - 0600, 7/1-7/2/2021
DATE ISSUED: July 1, 2021	TIME ISSUED: 1300
UNIT: Shasta Trinity NF, Mt. Shasta RD	SIGNED: /s/ Taro Pusina, FBAN

INPUTS

WEATHER SUMMARY

See IMET Weather Forecast

Discussion: Smoky but otherwise clear skies tonight. Inversion expected to set in after 2300 hours. A shift to northwest winds over the northern portion of the fire in the evening. Winds decrease through late evening, downslope winds developing after midnight.

Min Temps: 59-64° valleys, 58-64° ridges

Max RH: 45-55% valleys and 40-50% ridges

20' Winds: Lower elevations: becoming north 5-10, gusts 15 mph early, then decreasing to downslope 2-5 mph
Upper elevations: becoming northwest 5-10, gusts 15 mph, gusts to 18 mph, then variable 1-4 mph overnight

FIRE BEHAVIOR

GENERAL: **Very active, plume domination during the burn period** Expect fire behavior to moderate after 2200.

- **ERC is 73** (Mt. Shasta RAWs)
- **Fuels:** Below average winter snowpack and very hot, dry windy conditions have created burning conditions one to two months ahead of average. Surface fuels consist of manzanita and shrubs with second growth ponderosa pine and mixed conifer in the overstory best represented by Scott and Burgan's SH5 and TL8 fuel models. ERC's and 1000-hour fuel moistures are *at the 90th percentile and setting records for dryness for this time of year*. 1000-hour dead fuel moistures are below 10% and live brush fuel moistures are near 100%.
- **Topography:** Aspect is primarily west and north on the rugged, lava flow flanks of Mt. Shasta. The elevation range is 2800' - 7800' and slopes range from 20 to 70%. The lava rock creates difficult access and a high resistance to control.

SPECIFIC FIRE BEHAVIOR:

Until dark expect isolated and short duration crown fire runs in mixed conifer and shrub understory. Potential *daytime maximum headfire behavior* (reduce these numbers by approximately ½ for flanking fire and ¾ for backing fire):

- Shrub: 15 - 30' flame lengths, 71 - 217 chs/hr rate of spread
- Mixed Conifer: 3 - 5' flame lengths, 6 - 14 chs/hr rate of spread
- Torching/short duration timber crownfire: 100 - 150' flame lengths, 90 chs/hr rate of spread
- Spotting distance up to ¾ mile spotting distances with 70-100% probability of ignition

After dark headfire (reduce these numbers by approximately ½ for flanking fire and ¾ for backing fire):

- Shrub: 5-10' flame lengths, 30 - 75 chs/hr rate of spread
- Mixed Conifer: 2 - 4' flame lengths, 4 - 10 chs/hr rate of spread
- Isolated and short duration crown fire likely in heavier, more continuous patches of brush and timber

DIV P: Significant heat exists along dozer/handline, watch for flareups under downslope winds that could move west toward Weed with low to moderate fire behavior and rates of spread.

DIV's R/T/Z: Direct dozer and handline should minimize fire potential and behavior. Escapes could spread toward Weed and Lake Shastina with mostly low/moderate fire behavior and flame lengths under downslope wind conditions.

DIV's A/E/N: Most active portion of fire before dark under westerly and northern winds. Expect plume dominated fire until dark with rapid rates of spread along unlined portions of perimeter.



AIR OPERATIONS

- Sunset 07/01 @ 2047 hours, Sunrise 7/02 @ 0540 hours. Smoke inversion likely setting in around 2300 hours.

SAFETY

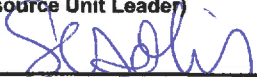

- Plume can collapse unexpectedly creating gusty and erratic winds and rapid rates of spread in any direction.

Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

1. Incident Name:			3.			
LAVA			Branch:		Division/Group	
2. Operational Period: NIGHT			I		A/E	
Date/Time From: 07/01/2021 1800 THU	Date/Time To: 07/02/2021 0600 FRI					
4. Operations Personnel						
OPERATIONS CHIEF		JACK FROGGATT PAT BELL (T)		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		PHILIP GERHARDSON		FIELD SAFETY NICK BIANCHINI		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
HC1 DEL ROSA IHC C-18	07/11	DAVID BORERO	18	ICP/1800	ICP/0600	
HC1 BECKWOURTH IHC C-7	07/10	MIKE WINTCH	20	ICP/1800	ICP/0600	
HC2I LASSEN C-2	07/10	ALLEN SCHULTZE	19	ICP/1800	ICP/0600	
HC2I PATRICK 13B C-37	07/10	JOSH DOMBI	20	ICP/1800	ICP/0600	
ENG3 SHF E 323 E-46	07/10	KENNETH VAUGHN	5	ICP/1800	ICP/0600	
ENG3 MNF 353 E-77	07/12	CONROY COLEMAN	5	ICP/1800	ICP/0600	
ENG3 ENF 314 E-72	07/14	CASEY HOFFMAN	5	ICP/1800	ICP/0600	
DOZ2 STRIKE FIRST [24] E-117	07/13	MIKE CHAVEZ	2	ICP/1800	ICP/0600	
DOZ2 BRAUN EQUIPMENT [24] E-114	07/13	RYAN BRAUN	4	ICP/1800	ICP/0600	
DZS2 BTU 9213L E-10006			7	ICP/1800	ICP/0600	
DOZ3 ADAMS CONSTRUCTION E-127				ICP/1800	ICP/0600	
DOZ3 LONE STAR ENTERPRISES [24] E-121	07/13	HARRIS JACKSON	2	ICP/1800	ICP/0600	
WTS2 DIETZ EQUIPMENT E-26	07/10	DAVID RICHARDSON	1	ICP/1800	ICP/0600	
EMPF O-83	07/13	SHANE SCHUSTER	1	ICP/1800	ICP/0600	
EMPF O-79	07/13	LUIS ARANA	1	ICP/1800	ICP/0600	
SOF2 O-135	07/15	CRAIG COWIE	1	ICP/1800	ICP/0600	
6. Control Operations/Work Assignments:						
Continue progressing south with direct line construction in Bolam Creek drainage. Use 42N spur road systems to help control fire movement east. Patrol and mop-up to secure fires edge from railroad tracks north to Hwy 97.						
7. Special Instructions:						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	4 (NIFC C29)	171.5375	1(110.9)	164.8625	1(110.9)	A
TACTICAL	6 (NIFC TAC1)	168.0500		168.0500		
AIR TO GROUND	13 (A/G TAC)	169.1500		169.1500		
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
SHANNON SOLIS 		ARTIE COLSON 		06/30/2021	1400	

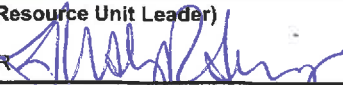

Division/Group Assignment List (ICS 204 WF)

Controlled Unclassified Information//Basic

1. Incident Name:			3.			
LAVA			I	Division/Group A/E		
2. Operational Period: NIGHT						
Date/Time From: 07/01/2021 1800 THU		Date/Time To: 07/02/2021 0600 FRI				
4. Operations Personnel						
OPERATIONS CHIEF		JACK FROGGATT PAT BELL (T)		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		PHILIP GERHARDSON		FIELD SAFETY		NICK BIANCHINI
7. Special Instructions:						
<p>Fire apparatus and water tenders working within the city limits of Weed should only fill from the two approved hydrants at Mountain View Drive and S. Weed Blvd. (41.403807, -122.383547) and Mountain View Drive (41.401722, -122.387865). The approved hydrants are clearly marked "Hydrant For Lava Fire".</p>						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	4 (NIFC C29)	171.5375	1(110.9)	164.8625	1(110.9)	A
TACTICAL	6 (NIFC TAC1)	168.0500		168.0500		
AIR TO GROUND	13 (A/G TAC)	169.1500		169.1500		
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
SHANNON SOLIS 			ARTIE COLSON 		06/30/2021	1400

Division/Group Assignment List (ICS 204 WF)

Controlled Unclassified Information//Basic

1. Incident Name:			3.			
LAVA			Branch:		Division/Group	
2. Operational Period: NIGHT			III		N/P	
Date/Time From: 07/01/2021 1800 THU		Date/Time To: 07/02/2021 0600 FRI				
4. Operations Personnel						
OPERATIONS CHIEF		JACK FROGGATT PAT BELL (T)		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		MIKE ANDERSON JASON OBANNON (T)		FIELD SAFETY NICK BIANCHINI		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 ARROYO GRANDE IHC C-20		07/12	PHIL HERNANDEZ	19	LAVA ICP/1800	LAVA ICP/0600
ENG3 SHF E 321 E-51		07/10	BOB TONEY	8	LAVA ICP/1800	LAVA ICP/0600
ENG3 PNF E 323 E-48		07/13	THOMAS ANDREW BRENZOVICH II	5	LAVA ICP/1800	LAVA ICP/0600
E-TBD ENG3 SHF 325			NEED NAME		LAVA ICP/1800	LAVA ICP/0600
ENG6 IMPERIAL E-64		07/13	JORGE CHAPARRO	3	LAVA ICP/1800	LAVA ICP/0600
E-TBD DOZ SHF 29			NEED NAME		LAVA ICP/1800	LAVA ICP/0600
DOZ2 SPRATT EXCAVATING E-118		07/13	ERIC SPRATT	2	LAVA ICP/1800	LAVA ICP/0600
DOZ2 T&S DUBE E-69		07/13	JAMES ONTANO	4	LAVA ICP/1800	LAVA ICP/0600
WTS3 PJ AND R E-27		07/10	PAUL YOKOYAMA	1	LAVA ICP/1800	LAVA ICP/0600
EMPF O-81		07/13	JOSHUA DART	1	LAVA ICP/1800	LAVA ICP/0600
EMTF O-92		07/13	ANDREW LOVEJOY	1	LAVA ICP/1800	LAVA ICP/0600
SOFR O-80		07/15	MATT LUCAS	1	LAVA ICP/1800	LAVA ICP/0600
6. Control Operations/Work Assignments:						
Continue with direct line construction to Diller Canyon. Ensure adequate mop up from Diller Canyon to Papa / Romeo division break.						
7. Special Instructions:						
Fire apparatus and water tenders working within the city limits of Weed should only fill from the two approved hydrants at Mountain View Drive and S. Weed Blvd. (41.403807, -122.383547) and Mountain View Drive (41.401722, -122.387865). The approved hydrants are clearly marked "Hydrant For Lava Fire".						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	3 (NIFC C9)	170.0125	1(110.9)	165.2500	1(110.9)	A
TACTICAL	9 (NIFC TAC6)	166.7750		166.7750		A
AIR TO GROUND	13 (A/G TAC)	169.1500		169.1500		
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
ANSLEY SINGER 			ARTIE COLSON 		06/30/2021	1400

Division/Group Assignment List (ICS 204 WF) Controlled Unclassified Information//Basic

1. Incident Name: LAVA			3.			
2. Operational Period: NIGHT			III		R	
Date/Time From: 07/01/2021 1800 THU		Date/Time To: 07/02/2021 0600 FRI				
4. Operations Personnel						
OPERATIONS CHIEF		JACK FROGGATT PAT BELL (T)		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		ABEL MATA		FIELD SAFETY		NICK BIANCHINI
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
ES3 SHF 3675C E-107		07/11	TERRY R WILLIAMSON	27	LAVA ICP/1800	LAVA ICP/0600
ENG6 GRAYBACK FORESTRY E-1 E-65		07/13	JOHN FISH	3	LAVA ICP/1800	LAVA ICP/0600
ENG6 EARTH INDUSTRIES E-67		07/12	ARRON ABEL	3	LAVA ICP/1800	LAVA ICP/0600
WTS2 PRO-DUMP AND EXCAVATING E-31		07/10	MIKE SEABOURNE	1	LAVA ICP/1800	LAVA ICP/0600
EMPF O-81		07/13	JOSHUA DART	1	LAVA ICP/1800	LAVA ICP/0600
EMTF O-92		07/13	ANDREW LOVEJOY	1	LAVA ICP/1800	LAVA ICP/0600
SOFR O-80		07/15	MATT LUCAS	1	LAVA ICP/1800	LAVA ICP/0600
6. Control Operations/Work Assignments: Continue mop-up of completed line construction from Tango / Romeo to Romeo / November division breaks.						
7. Special Instructions: Fire apparatus and water tenders working within the city limits of Weed should only fill from the two approved hydrants at Mountain View Drive and S. Weed Blvd. (41.403807, -122.383547) and Mountain View Drive (41.401722, -122.387865). The approved hydrants are clearly marked "Hydrant For Lava Fire".						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	3 (NIFC C9)	170.0125	1(110.9)	165.2500	1(110.9)	A
TACTICAL	8 (NIFC TAC5)	166.7250		166.7250		
AIR TO GROUND	13 (A/G TAC)	169.1500		169.1500		
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
NANCY PHILLIPE <i>Nancy Phillippe</i>			ARTIE COLSON <i>Artie Colson</i>		06/30/2021	1400

Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

1. Incident Name: LAVA			3.			
LAVA			Branch:		Division/Group	
2. Operational Period: NIGHT			V		T	
Date/Time From: 07/01/2021 1800 THU		Date/Time To: 07/02/2021 0600 FRI				
4. Operations Personnel						
OPERATIONS CHIEF JACK FROGGATT		BRANCH DIRECTOR SHAWN RALEY				
DIVISION/GROUP SUPERVISOR LARRY TURMAN		FIELD SAFETY				
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
ES3 OES 3800C E-100			SHAWN PLUMMER	20	FIRELINE/1800	LAVA ICP/0600
ES3 XSU 3225C E-98			RICHARD EPPERSON	17	FIRELINE/1800	LAVA ICP/0600
ES3 LNU 9143C E-10001			STEVE MILLOSOVICH	18	FIRELINE/1800	LAVA ICP/0600
ES3 BTU 9212C E-10000			BYRON VANCE	17	FIRELINE/1800	LAVA ICP/0600
ES3 SKU 9260C [24 HR] E-39			LARRY TURMAN		FIRELINE/1800	LAVA ICP/0600
ES6 OES 2861F E-10052			STEVE CARDOSI	19	FIRELINE/1800	LAVA ICP/0600
E-TBD DOZ (E-13 CALLOUT)					FIRELINE/1800	LAVA ICP/0600
DOZ2 SKU 2640 [24 HR] E-4						
WTT1 OES 31 E-102			KEVIN RICHARDSON	2	FIRELINE/1800	LAVA ICP/0600
WTT1 PIO WT 38 E-106			SELIG GEORGE	2	FIRELINE/1800	LAVA ICP/0600
E-TBD WT (E-30 ON CALLOUT)			TOM REUSZE		FIRELINE/1800	LAVA ICP/0600
E-TBD WT (E-25 CALLOUT)					FIRELINE/1800	LAVA ICP/0600
E-TBD WT (E-28 CALLOUT)			ERIC LONG		FIRELINE/1800	LAVA ICP/0600
6. Control Operations/Work Assignments:						
Continue to patrol and mop up.						
7. Special Instructions:						
All hired equipment passing through evacuated areas with staffed road closures will be required to present a current Lava Fire Access Pass. Divisions will distribute the passes at briefing breakouts. Do not display, give away, or transfer your pass! Write your resource # on the pass and present it to law enforcement when requested.						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	4 (NIFC C29)	171.5375	1(110.9)	164.8625	1(110.9)	A
TACTICAL	11 (CDF TAC24)	151.3325	16 (192.8)	151.3325	16 (192.8)	
AIR TO GROUND	13 (A/G TAC)	169.1500		169.1500		
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
NANCY PHILLIPE <i>Nancy Phillippe</i>			ARTIE COLSON <i>Artie Colson</i>		07/01/2021	1400

Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

1. Incident Name: LAVA			3.			
2. Operational Period: NIGHT			V		Z	
Date/Time From: 07/01/2021 1800 THU	Date/Time To: 07/02/2021 0600 FRI					
4. Operations Personnel						
OPERATIONS CHIEF JACK FROGGATT		BRANCH DIRECTOR SHAWN RALEY				
DIVISION/GROUP SUPERVISOR DUSTIN OSBOURNE		FIELD SAFETY				
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
HCS1 9115G C-10002		KEVIN HADRICH	38	FIRELINE/1800	LAVA ICP/0600	
HCS1 9220G C-10001		ROBERT WHITCHURCH	35	FIRELINE/1800	LAVA ICP/0600	
HCS1 9252G C-10000		RHETT CORNING	38	FIRELINE/1800	LAVA ICP/0600	
ES3 LMU 9222C E-10002		DUSTIN OSBORN	16	FIRELINE/1800	LAVA ICP/0600	
ES3 TCU 9440C E-10003		JED SKROBECKY	21	FIRELINE/1800	LAVA ICP/0600	
ES3 XSH 3151C E-99		JASON FOLEY	16	FIRELINE/1800	LAVA ICP/0600	
ES3 4100C E-10056		JOSHUA SUNDE	19	FIRELINE/1800	LAVA ICP/0600	
ES3 HUU 9121C E-10004		JOSH BENNETT	18	FIRELINE/1800	LAVA ICP/0600	
ES6 XYU 3300F E-10053		BOBBY GARDNER	14	FIRELINE/1800	LAVA ICP/0600	
WTT1 SSL 23 E-105		SHAWN EHRENBERG	2	FIRELINE/1800	LAVA ICP/0600	
E-TBD WT (E-27 ON CALLOUT)				FIRELINE/1800	LAVA ICP/0600	
DOZ2 MORGAN CREEK E-10014		KEVIN BRINK	2	FIRELINE/1800	LAVA ICP/0600	
HEQB O-10013		DAN BONFANTE	1	FIRELINE/1800	LAVA ICP/0600	
6. Control Operations/Work Assignments: Continue patrol and mop up.						
7. Special Instructions: All hired equipment passing through evacuated areas with staffed road closures will be required to present a current Lava Fire Access Pass. Divisions will distribute the passes at briefing breakouts. Do not display, give away, or transfer your pass! Write your E# on the pass and present it to law enforcement when requested.						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	4 (NIFC C29)	171.5375	1(110.9)	164.8625	1(110.9)	A
TACTICAL	12 (CDF TAC25)	159.2775	16 (192.8)	159.2775	16 (192.8)	
AIR TO GROUND	13 (A/G TAC)	169.1500		169.1500		
9. Prepared By (Resource Unit Leader) ANSLEY SINGER <i>[Signature]</i>		Approved By (Planning Section Chief) ARTIE COLSON <i>[Signature]</i>		Date 06/30/2021	Time 1400	

HEALTH AND SAFETY MESSAGE

SAFETY starts with ***YOU***

We are **ALL** accountable for **SAFE** behaviors

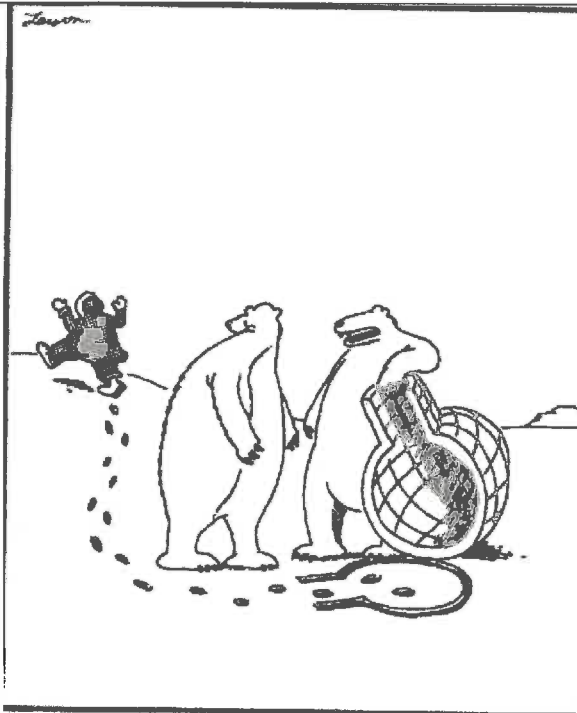
July 1-2, 2021

INCIDENT: **Lava**

Night Operations

Major Hazards and Risks:

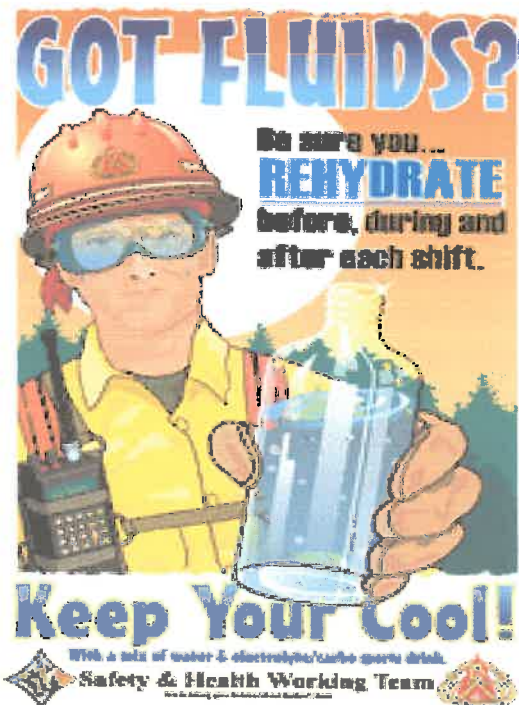
- **Marijuana Grows:** Do not enter areas unless there is a police presence, and be aware toxic chemicals may be present.
- **Lava Beds:** Work slowly and **ALWAYS** wear your gloves. If you trip and fall your hands will have some protection from the lava rock.
- **Hazard Trees:** Assess ALL Trees in Work Areas....In addition to suppression and mop-up operations, assess hazard trees when you take breaks and park vehicles. Check out your IRPG pgs. 22-23.
- **Driving:** Practice “defensive driving” and always use headlights and observe posted speed limits.



“I lift, you grab. ... Was that concept just a little too complex, Carl?”

Give clear instructions and insure they are understood!!!

HYDRATE YOURSELF!






- Take 6 quarts of water to the line
- Cache extra water ahead on the line
- Recognize dehydration symptoms

Thanks from your Safety Team!!

Greg Marfil, Nick Bianchini, Pedro Martinez

Greg Marfil SOF2

Use the Risk Management Process in all your decision making.....IRPG page 1

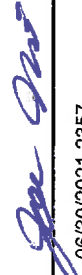
BR/DIV	HAZARDOUS ACTIONS/CONDITIONS	MITIGATIONS/WARNINGS/REMEDIES
All	Lava Beds	<ul style="list-style-type: none"> • Slow down, and be sure of where you are stepping. • Wear gloves at all times to protect your hands from the sharp lava rock. • Flag and identify vertical tubes. • Be cautious when driving through lava beds.
All	Hazard Trees	<ul style="list-style-type: none"> • Follow "Hazard Tree Safety" guidelines, IRPG pages 22-23. • Post lookouts, or use a spotter in mop-up areas with personnel. • Don't park vehicles or take breaks in high concentrations of hazard trees. • Establish trigger points for disengagement during high wind events. • Remember that the hazard zone extends a minimum of 2 1/2 tree heights. • Post road guards when appropriate.
All	Air Operations	<ul style="list-style-type: none"> • Follow "Aviation Watch-Out Situations" on page 46, IRPG. • Don't plan on air resources for medical transport or resupply. • Refer to page 58, IRPG for directing bucket drops. • Ensure positive communication with all air resources. • Ensure Drone Operations are coordinated with air resources
All	Steep Terrain & Rolling Debris	<ul style="list-style-type: none"> • Maintain 8-10' spacing when working and walking. • Don't work above any personnel. • Be on the lookout for rolling rocks, debris, or burning material.
All	Power Utilities	<ul style="list-style-type: none"> • Refer to the IRPG pages 24-25 for Power Line Safety. • Notify all personnel of down electrical lines. • Always treat downed wires as energized. • Identify and avoid high tension transmission lines.
All	Heat Related Injury (HRI)& Dehydration	<ul style="list-style-type: none"> • Drink Fluids throughout operational period (6-8 quarts/shift). • Maintain water/electrolyte ratio of 3 to 1. • Carry extra water on line and cache water at drop points. • Take frequent breaks, minimum of 10 minutes every hour. • Allow out of area resources to acclimate before expecting peak performance. • Recognize symptoms of HEAT RELATED INJURY.
All	Extended Medical Extraction Times	<ul style="list-style-type: none"> • Identify helispots and communicate Lats/Longs to DIVS. • Be familiar with the Medical Plan and communicate 8 line promptly. • Evaluate the necessity to send personnel into areas with limited access. • Be aware of weather conditions (i.e. smoke inversions, high winds etc.), that could affect the ability of helicopters to reach you. • Don't rely on helicopters exclusively.
T & Z	Marijuana Grows	<ul style="list-style-type: none"> • Do not enter areas unless there is a law enforcement presence. • Be aware of the presence of toxic chemicals. • Local criminal elements and organized crime can be involved in the organization. • Anti-Personnel Devices (APD) may be present.
All	COVID-19 Environment	<ul style="list-style-type: none"> • Utilize social distancing (6 feet). Wear a facemask if you can't social distance. • Maintain the "module of one" concept. • Disinfect vehicle interiors, and commonly touched surfaces frequently. • Do not share devices (i.e. cellphones, laptops, radios etc.). • Utilize technology to communicate while maintaining social distance. • Wash your hands frequently.
Incident Name: Lava		Operational Period: Night July 1-2, 2021
OSC2: Jeff Hinson/Alec lane 	SOF2: Greg Marfil 	Date and Time Prepared: July 1, 2021 0900 Hours
		

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

Controlled Unclassified Information//Basic

1. Incident Name:		2. Date/Time Prepared:		3. Operational Period:	
LAVA		Date: 06/30/2021 Time: 2357		NIGHT	
		Date/Time From: 07/01/2021 1800		Date/Time To: 07/02/2021 0600	
		THU		FRI	

4. Basic Radio Channel Use:										
Zone Group	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode (A, D, or M)	Remarks
1	1	COMMAND	SHFR	SHASTA FOREST	171.5750		165.0125	15(162.2)	A	Backup. I/A Only
1	2	COMMAND	NIFC C1	NOT IN USE	170.9750	1(110.9)	168.7000	1(110.9)	A	NOT IN USE
1	3	COMMAND	NIFC C9	ALL DIVS	170.0125	1(110.9)	165.2500	1(110.9)	A	Antelope Peak
1	4	COMMAND	NIFC C29	ALL DIVS	171.5375	1(110.9)	164.8625	1(110.9)	A	Herd Peak
1	5	TACTICAL	NIFC TAC 2	I/A ONLY	168.2000		168.2000		A	I/A Only
1	6	TACTICAL	NIFC TAC 1	DIV A / E	168.0500		168.0500		A	Branch 1
1	7	TACTICAL	NIFC TAC 3	AVAILABLE	168.6000		168.6000		A	Branch 1
1	8	TACTICAL	NIFC TAC 5	DIV R	166.7250		166.7250		A	Branch 3
1	9	TACTICAL	NIFC TAC 6	DIV N / P	166.7750		166.7750		A	Branch 3
1	10	TACTICAL	NIFC TAC 7	AVAILABLE	168.2500		168.2500		A	Branch 3
1	11	TACTICAL	CDF TAC 24	DIV T	151.3325	16(192.8)	151.3325	16(192.8)	A	Branch 5
1	12	TACTICAL	CDF TAC 25	DIV Z	159.2775	16(192.8)	159.2775	16(192.8)	A	Branch 5
1	13	AIR TO GROUND	A/G TAC	ALL DIVS	169.1500		169.1500		A	
1	14	AIR TO GROUND	A/G CMD	ALL DIVS	167.9500		167.9500		A	Div/Branch use with Air
1	15	TACTICAL	CALCORD	ALL DIVS	156.0750	6(156.7)	156.0750	6(156.7)	A	Medical
1	16	AIR GUARD	AIR GUARD	ALL DIVS	168.6250		168.6250	1(110.9)	A	Emergency Use Only

5. Special Instructions:	
6. Prepared By (Communications Unit Leader)	Name: JOE MEHCIZ, COML 661-332-7608
Signature: 	Date/Time: 06/30/2021 2357
ICS 205	IAP Page

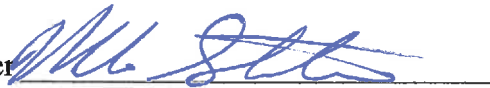
Human Resource Message

Thought for the Day

Correct Biased Communication Patterns

Working in emergency incident situations is no simple task. Easily we can offend someone by a careless slip of the tongue, pen, or through inappropriate behavior. With increased diversity there comes a need for increased sensitivity about how we interact with one another. Becoming more sensitive in our dealings with one another results in increased rapport with those whom we work and contributes to a positive and productive work environment.

Deputy Incident Commander



Facilities Map - Weed High School
Lava Fire - CA-SHF-000949
June 30, 2021

Hillside Drive

Facilities Key

- 1. PIO
- 2. Finance
- 3. OES
- 4. Comms
- 5. Read
- 6. Plans
- 7. Ops
- 8. Air Ops
- 9. IC / Liason
- 10. Clerical
- 11. Overhead Parking
- 12. Overhead Sleeping
- 13. Showers
- 14. Cooperators Mtg
- 15. Feeding
- 16. Ordsm / Medl / Supply
- 17. LSC 1 / FDUL
- 18. FACL
- 19. Equipment Parking
- 20. briefing
- 21. Lunches / Hydration



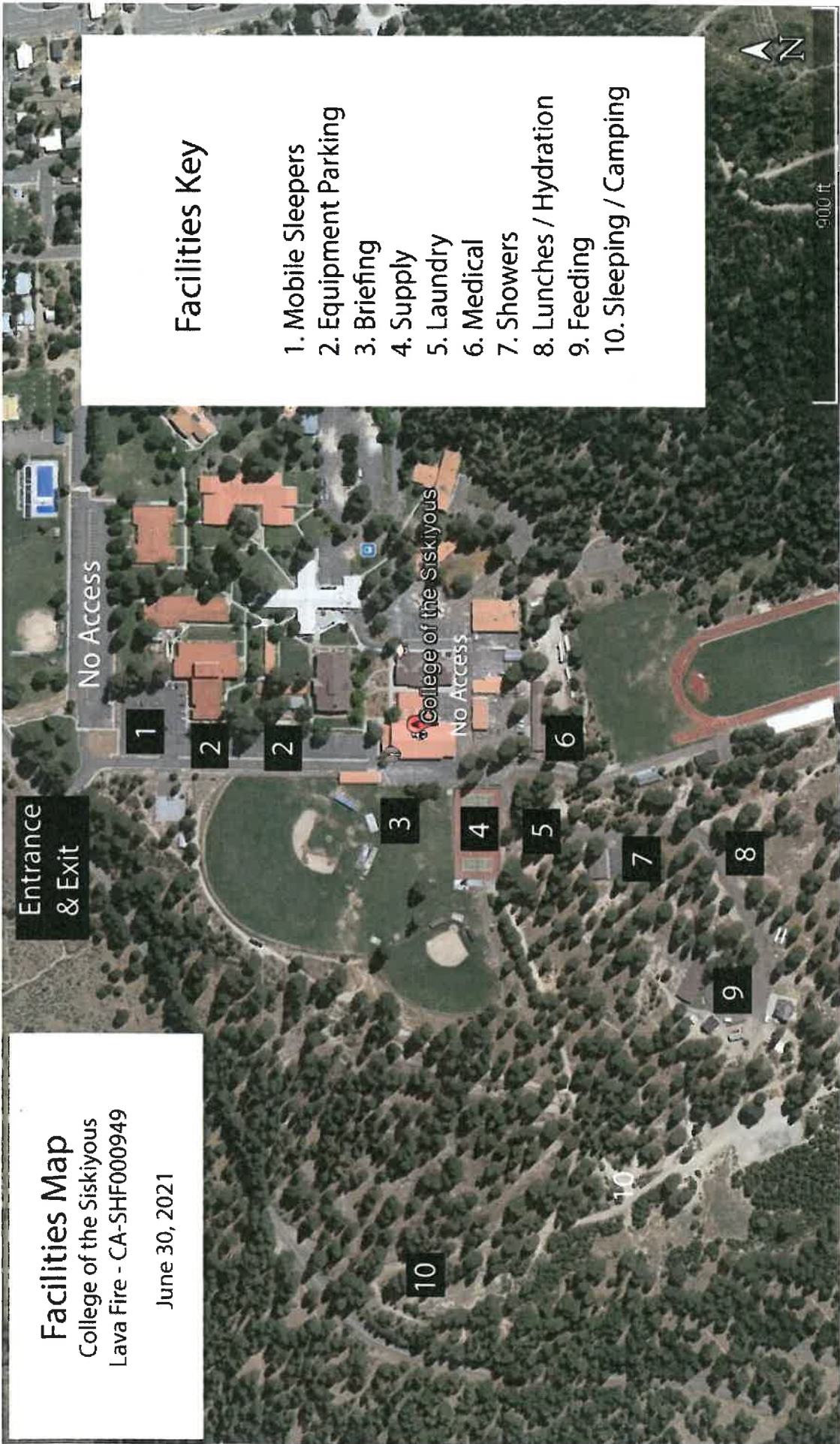
400 ft



Facilities Map

College of the Siskiyous
Lava Fire - CA-SHF000949

June 30, 2021



Entrance
& Exit

No Access

College of the Siskiyous

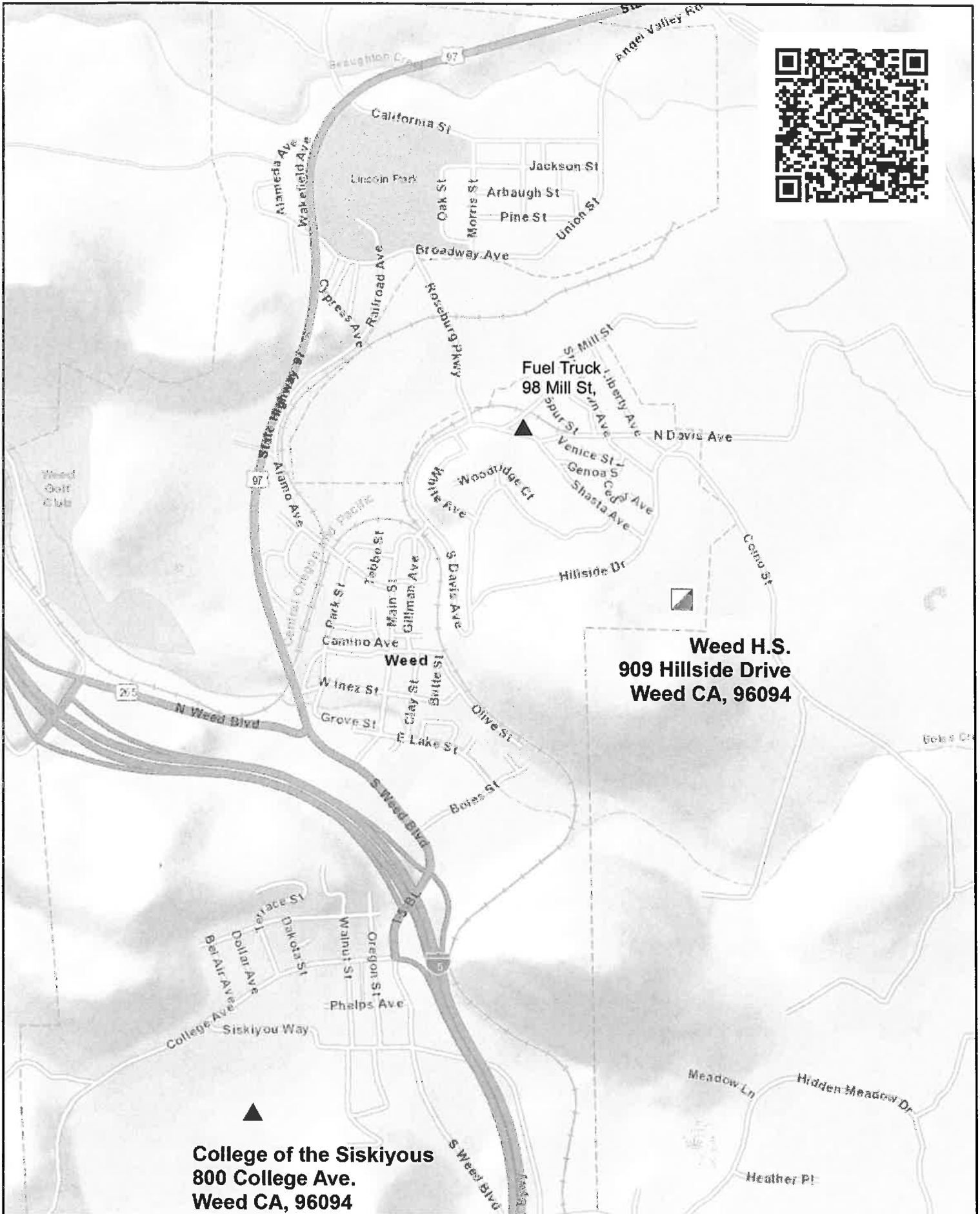
No Access

900 ft



Facilities Key

- 1. Mobile Sleepers
- 2. Equipment Parking
- 3. Briefing
- 4. Supply
- 5. Laundry
- 6. Medical
- 7. Showers
- 8. Lunches / Hydration
- 9. Feeding
- 10. Sleeping / Camping




Weed H.S.
909 Hillside Drive
Weed CA, 96094

College of the Siskiyous
800 College Ave.
Weed CA, 96094

Transportation Map
Lava Incident
CA-SHF-0949



1. Incident Name			2. Operational Period					
Lava Incident			Date/Time: 7/01/2021 - 7/2/2021 (1800-0600)					
3. EMS / Ambulance Services/Aid Stations/REMS								
Name	Location	Frequency/Phone	Advanced Life Support (ALS)					
			Yes	No				
Mountain Medics 4x4 ALS Ambulance (24 hours)	Hwy 97 & 42N15	Command	X					
Mountain Medics-5 4x4 ALS Ambulance (24 hours)	McBride Springs Campground	Command	X					
Mt. Shasta Ambulance	1020 Oak St. Mt. Shasta, CA 96067	911	X					
4. Air Rescue / Air Ambulance Services								
Name	Location	Type of Aircraft & Capability						
PHI Air Medical	Redding, CA (530) 221-0646	Type 3 Air Ambulance, ALS						
Reach 5	Redding, CA (800) 252-5050	Type 3 Air Ambulance, ALS						
CHPH14/H16	Redding, CA (530) 225-2040	Type 3, ALS, Hoist (Day Time Only)						
Coast Guard	Arcadia, CA (707) 839-6100	Type 2, ALS, Hoist (Night)						
5. Hospitals (all times estimated from incident location)								
Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time		Phone	Helipad		Address
	Lat:	Long:	Air	Gnd		Yes	No	
Mercy Mt. Shasta (Level 3)	N 41° 19.117'	W 122° 19.203'	5 MINS	20 MINS	(530) 926-6111	X		914 Pine St. Mt. Shasta, CA
Fairchild Medical Center (Level 4)	N 41° 43.164'	W 122° 38.741'	10 MINS	35 MINS	(530) 842-4121	X		444 Bruce Street Yreka, CA
Shasta Regional (Level 3)	N 40° 53.72	W 124° 05.45	20 MINS	1..25 HRS	(530) 244-5400	X		1100 Butte St. Redding, CA
Mercy Medical Center Redding (Level 2)	N 40° 34.33	W 122° 23.80	20 MINS	1.25 HRS	530-225-6000	X		2175 Rosaline Ave. Redding CA
U.C. Davis Medical Center (Level 1 Trauma/Burn)	N 38° 33.293	W 121° 27.317	1.75 HRS	3.5 HRS	916-734-3636	X		2315 Stockton Blvd. Sacramento, CA
6. Division / Crew Emergency Pre-Plan <i>Update and discuss with assigned resources daily.</i>								
Fireline EMT / Medic's Division / Branch Location								
Air Hoist site location site: Lat: / Long: / Elevation:								
Helispot: Lat: / Long: / Elevation:								
7. Prepared By (Medical Unit Leader)			8. Date/Time		9. Reviewed By (Safety Officer)		10. Date/Time	
Mickey Brunelli - MEDL 			7/01/2021 1200		Greg Marfil - SOF2		7/01/2021 1200	

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 COMMUNICATIONS

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

1. CONTACT COMMUNICATIONS / DISPATCH (Verify correct frequency prior to starting report)

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 priority patient, unconscious, struck by a falling tree. Requesting air ambulance to Forest Road 1 at (Lat./Long.)

"This will be the Trout Meadow Medical Incident, IC is TFLD Jones. EMT Smith is providing medical care."

Severity of Emergency AND Transport Priority (priority 1, 2, 3)	<input type="checkbox"/> RED / PRIORITY 1 Life or limb threatening injury or illness. Evacuation need is IMMEDIATE <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° - 3° burns more than 4 palm sizes, heat stroke, disoriented.</i>	
	<input type="checkbox"/> YELLOW / PRIORITY 2 Serious Injury or illness. Evacuation may be DELAYED if necessary. <i>Ex: Significant trauma, unable to walk, 2° - 3° burns not more than 1-3 palm sizes.</i>	
<input type="checkbox"/> GREEN / PRIORITY 3 Minor Injury or illness. Non-Emergency transport <i>Ex: Sprains, strains, minor heat-related illness.</i>		
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)
Crew Patient Care		Name of Care Provider (Ex: EMT Smith)

3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient as applicable (start with the most severe patient)

Patient Assessment: (IRPG PAGE 106) Age: Weight: Chief Complaint:

Skin Signs: (color/moisture/temp) Level of Consciousness: BP: HR: Respirations:

Treatment:

4. TRANSPORT PLAN:

Evacuation Location (drop point, intersection, helispot, Lat. / Long, hazards) Patient's ETA to Location:

5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:

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

6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable

Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *
COMMAND					
AIR-TO-GRND					
TACTICAL	Calcord	156.0750	6 (156.7)	156.0750	6 (156.7)

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, etc.

**REMEMBER: Confirm ETA's of resources ordered. Act according to your level of training
Be Alert - Keep Calm - Think Clearly - Act Decisively
*** Follow up with MEDL upon return to ICP *****