

WHALEBACK FIRE

Incident Action Plan

Day Shift July 30, 2018 0600 – 2000 to Night Shift July 30/31 1800 – 0800



✓ HYDRATION & HEAT RELATED ILLNESS

- Dehydration is Preventable
- Know the signs & symptoms of HRI
- Recognize Individual Risk Factors
- What Heat Injury controls are in place?
- Refer to Heat Injury Signs, Symptoms & Treatment in IAP

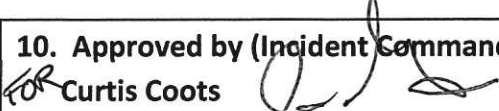
✓ COMMUNICATIONS

- New Comm Plan! All resources MUST get cloned today
- Ensure all know their assigned frequencies and protocol for Emergency Medical Incident Reporting
- Refer to the 5 Communication Responsibilities listed on pg X in the IRPG

**KEEP A HIGH LEVEL OF
SITUATIONAL AWARENESS**

CA-LNF-003951 P5L1VS18 (0506)

Lassen National Forest, Eagle Lake Ranger District
Northern California Incident Management Team 1

INCIDENT OBJECTIVES	1. Incident Name Whaleback	2. Date 07/29/2018	3. Time 1900
4. Operational Period July 30-31, 2018 DAY - NIGHT SHIFT			
<u>CONTROL OBJECTIVES</u> 1) Keep the Whaleback Fire: <ul style="list-style-type: none"> • South and east of County Road 105 to protect forest resources, private property, and heritage cultural resources. • West of Eagle Lake to protect private property, private timber values, and heritage cultural resources. • North of the Merrill Flat Road and County Road 112 to protect private residential property, heritage and natural resources. <u>MANAGEMENT OBJECTIVES</u> 1) Provide for public and fire fighter safety by maintaining life first principles. 2) Implement strategies and tactics that have a high probability of success always taking into consideration responder exposure. 3) Protect community of Spalding, rural private residences, and Eagle Lake developed recreation sites. 4) Minimize impacts to infrastructure, high value private timber lands, and heritage cultural resources. 5) Minimize post-fire, undesirable fire and suppression effects. 6) Establish and strengthen cooperators, partners, and stakeholder relationships and provide timely and accurate incident information.			
6. Weather Forecast for Period <ul style="list-style-type: none"> • See attached weather forecast. 			
7. General Safety Message <ul style="list-style-type: none"> • See attached safety messages. 			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather	
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> ICS215a	
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> Rehab Considerations	
9. Prepared by (Planning Section Chief) Walter Herzog	10. Approved by (Incident Commander)  Curtis Coats		

ORGANIZATION ASSIGNMENT LIST			Supply Unit	Ron Pierce
1. Incident Name Whaleback			Ordering	Aaron Woods
2. Date July 29, 2018		3. Time 2000	Facilities Unit	Jeff Huhtala, Frank DelCarlo
4. Operational Period Day-Night Shift, July 30-31, 2018			Ground Support Unit	
Position		Name	Communications Unit	Richard Stone
5. Incident Commander and Staff			Medical Unit	Josh Ramey
Incident Commander	Curtis Coots, Dustan Mueller (†)		Receiving & Distribution	Fred Johnson
Deputy	Jaime Gamboa		Security Manager	Mike Turner
Safety Officer	Michele Tanzi, Jeff Barnhart, Duane Franklin (†)		Food Unit	Jay Westlake
Information Officer	Kathy Hardy, Shawn Compton		9. Operations Section	
Liaison Officer	Kent Swartzlander		Operations – Day	Don Fregulia
Human Resources			Operations - Night	Mike Klimek
6. Agency Representative			Planning Ops	Curt Lindstrand, Dave Soldavini (†)
Agency Administrator	Nate Rezeau		a. Division/Groups	
Agency Rep. BLM	Brian Novosak		DAY	
Cal Fire	Adam Mattas		Division/Group A	Jack Sevelson
Lassen Sheriff's Office	Sheriff Dean Growden		Division/Group E	Dan Varney
CHP	Corey Regnani		Division/Group M	Richard Inghram, Tommy Hawkins (†)
Beaty & Associates	Ryan Hilburn		Division/Group T	Kris Schroeder
Private Timber Rep.	Darin Quigley		Division/Group W	Dustin Osborn
Lassen County OES	Eric Ewing		Division/Group Z	Billy Covert, Josh Hutchinsen (†)
			b. Division/Groups	
			NIGHT	
7. Planning Section			Division/Group A / Z	Jacob Botts, Duane Knighton (†)
Chief	Walter Herzog		Division/Group E	Adam Leyba
Deputy	Alan Taylor		Division/Group M	Matt Prentiss, Matt Radke
Resources Unit	Rita Mustafia		Division/Group W	Dustin Osborn
Situation Unit			Division/Group	
Demobilization Unit	Gary Deboi		c. Air Operations Branch	
Training	Greg Kurtz		Air Operations Branch Director	Bruce Wicks
CTSP	George Steel		Air Attack Supervisor	Brian Rodgers, Brian Baker (†)
GIS	Matt Dickinson, Jim Gonzalez, Kent Bloomer (†)		Air Support Supervisor	Steve Beall
FBAN	Mike Beasley		Helicopter Coordinator	
IMET	Kurt Van Speybroeck		Air Tanker Coordinator	
Lead READ BLM	Devin Snyder		10. Finance Section	
SCKN	Marisa Williams		Chief	Lois Charlton
8. Logistics Section			Time Unit	
Chief	Richard Crowther, Mike Jellison, David Alicea (†)		Equipment Unit	Louise Casias
Deputy			Cost Unit	Lou Ann Charbonnier (†)
			Compensation/Claims Unit	
			Procurement	
			Personal Unit	Holly Cardoza
			Prepared by (Resource Unit Leader) Gary R. Deboi	

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group A		
3. Incident Name Whaleback Fire			4. Operational Period: DAY				
			Date/Time: 07/30/2018 0600		Date/Time: 07/30/2018 2000		
5. Operations Personnel							
Operations Chief	Don Fregulia		Division/Group Supervisor		Jack Sevelson		
Planning Ops	Curt Lindstrand Dave Soldavini (t)		Air Attack Supervisor No.				
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC1 Lassen IHC			20	N	ICP / 0600	ICP / 2000	
HC1 Smith River IHC			20	N	ICP / 0600	ICP / 2000	
ENG3 SRF 31			5	N	ICP / 0600	ICP / 2000	
ENG3 ANF 11			5	N	ICP / 0600	ICP / 2000	
ENG3 SRF 333 (E-16)			5	N	ICP / 0600	ICP / 2000	
ENG3 SRF 343 (E-17)			5	N	ICP / 0600	ICP / 2000	
ENG3 MNF 353 (E-51)			5	N	ICP / 0600	ICP / 2000	
ENG 76 NPS			5	N	ICP / 0600	ICP / 2000	
ENG 832			5	N	ICP / 0600	ICP / 2000	
ENG LNF 36 (E-77)			5	N	ICP / 0600	ICP / 2000	
WT (E-39)			1	N	ICP / 0600	ICP / 2000	
WT Dainauskus (E-28)			1	N	ICP / 0600	ICP / 2000	
WT Ackley (E-20)			1	N	ICP / 0600	ICP / 2000	
WT Willmore Ag Services (E-27)			1	N	ICP / 0600	ICP / 2000	
WT 4830			1	N	ICP / 0600	ICP / 2000	
WT 4831			1	N	ICP / 0600	ICP / 2000	
FALM	Dustin Brown		2	N	ICP / 0600	ICP / 2000	
7. Control Operations							
Prep 31 road from the 21 road to the A1 road. Prepare for burnout.							
Special Instructions: Identify resources to be ready for initial attack as directed by Ops.							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
NIFC C-51	Rx 170.0875 N Tx 162.8125 N	CMD 1	1	A/G Command	Rx 169.1000 N Tx 169.1000 N	A/G CMD	13
NIFC TAC 1	Rx 168.0500 N Tx 168.0500 N	NIFC T1	5	A/G Tactical	Rx 168.3375 N Tx 168.3375 N	A/G Tac	14
Prepared by (Resource Unit Leader) Rita Mustatia		Approved by (Planning Section Chief) Walter Herzog <i>W.H.</i>			Date July 29, 2018		Time 2230

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group E		
3. Incident Name Whaleback Fire			4. Operational Period: DAY				
			Date/Time: 07/30/2018 0600		Date/Time: 07/30/2018 2000		
5. Operations Personnel							
Operations Chief	Don Fregulia		Division/Group Supervisor		Dan Varney		
Planning Ops	Curt Lindstrand Dave Soldavini (t)		Air Attack Supervisor No.				
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC2IA Heart Lake (C-20)	Fitzgerald		20	N	ICP / 0600	ICP / 2000	
HC21A Diamond Mtn (C-19)			20	N	ICP / 0600	ICP / 2000	
HC2 Helitack 510				N	ICP / 0600	ICP / 2000	
ENG3 SHF 322 (E-2)	Bob Tonney		5	N	ICP / 0600	ICP / 2000	
ENG3 SHF 341 (E-18)			5	N	ICP / 0600	ICP / 2000	
ENG BLM 3230 (E-5)				N	ICP / 0600	ICP / 2000	
ENG3 TMU 43 (E-12)			5	N	ICP / 0600	ICP / 2000	
WT (E-29)	Justin Barney		1	N	ICP / 0600	ICP / 2000	
WT (E-26)			1	N	ICP / 0600	ICP / 2000	
HEQB			1	N	ICP / 0600	ICP / 2000	
HEQB			1	N	ICP / 0600	ICP / 2000	
7. Control Operations							
Prep 31 road from the 21 road to the A1 road. Prepare for burnout.							
Special Instructions: Identify resources to be ready for initial attack as directed by Ops.							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
NIFC C-51	Rx 170.0875 N Tx 162.8125 N	CMD 1	1	A/G Command	Rx 169.1000 N Tx 169.1000 N	A/G CMD	13
NIFC TAC 5	Rx 166.7750 N Tx 166.7750 N	NIFC T5	8	A/G Tactical	Rx 168.3375 N Tx 168.3375 N	A/G Tac	14
Prepared by (Resource Unit Leader) Rita Mustafia		Approved by (Planning Section Chief) Walter Herzog <i>W.H</i>			Date July 29, 2018		Time 2230

4

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group W			
3. Incident Name Whaleback Fire		4. Operational Period: DAY/NIGHT					
		Date/Time: 07/30/2018 06:00			Date/Time: 07/31/2018 0600		
5. Operations Personnel							
Operations Chief	Don Fregulia		Division/Group Supervisor		Dustin Osborn		
Branch Director	Curt Lindstrand /Dave Soldavini (f)		Air Attack Supervisor No.				
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC2 Eastern Sierra 2 (C-30000)			20	N	ICP / 0600	ICP / 0600	
HC2 Tonopah (C-30001)			20	N	ICP / 0600	ICP / 0600	
Devil's Garden 3 (C-22)			20	N	ICP / 0600	ICP / 0600	
ENG3 E 2258 (E-30000)			5	N	ICP / 0600	ICP / 0600	
ENG3 E 2283 (E-30001)			5	N	ICP / 0600	ICP / 0600	
ENG3 E 2273 (E-30002)			5	N	ICP / 0600	ICP / 0600	
DOZ North Rivers (E-30020) W/Transport (E-30021)			2	N	ICP / 0600	ICP / 0600	
DOZ 2241 (E-20003)			1	N	ICP / 0600	ICP / 0600	
DOZ Kirack (E-30005)			1	N	ICP / 0600	ICP / 0600	
DOZ White Bear (E-30004)			1	N	ICP / 0600	ICP / 0600	
DOZ Matordy			1	N	ICP / 0600	ICP / 0600	
WT T&S DVBE (E-30022)			1	N	ICP / 0600	ICP / 0600	
WT Turner (E-300013)			1	N	ICP / 0600	ICP / 0600	
WT Susanville Towing (E-30014)			1	N	ICP / 0600	ICP / 0600	
WT McGarr Ent (E-30015)			1	N	ICP / 0600	ICP / 0600	
WT Goulden (E-30016)			1	N	ICP / 0600	ICP / 0600	
WT M&L Firefighters (E30017)			1	N	ICP / 0600	ICP / 0600	
WT T&S DVBE (E-30018)			1	N	ICP / 0600	ICP / 0600	
WT Susan River FPD 232 (E-30023)			1	N	ICP / 0600	ICP / 0600	
WT Jamesville 432 (E-30024)			1	N	ICP / 0600	ICP / 0600	
7. Control Operations: Hold and improve existing fireline. Mop up to extent necessary to keep fire within current control lines.							
Special Instructions: Identify resources to be ready for initial attack at the direction of Operations.							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
NIFC C-51	Rx 170.0875 N Tx 162.8125 N	CMD 1	1	A/G Command	Rx 169.1000 N Tx 169.1000 N	A/G CMD	13
NIFC TAC 6	Rx 168.2500 N Tx 168.2500 N	NIFC T6	9	A/G Tactical	Rx 168.3375 N Tx 168.3375 N	A/G Tac	14
Prepared by (Resource Unit Leader) Rita Mustatia		Approved by (Planning Section Chief) Walter Herzog <i>W.H.</i>			Date July 29, 2018		Time 2130



Fire Weather Forecast

FORECAST NO: 1
SHIFT DATE: Monday, July 30, 2018
FORECAST ISSUED: Monday, July 30, 2018

NAME OF FIRE: Whaleback
UNIT: CA-LNF
Incident Meteorologist: Kurt Van Speybroeck
240-778-5301

DISCUSSION:

Hot and dry conditions will continue today as the upper level ridge continues across Northern CA. Temperature will be in the 90s with west-southwest winds of 10-15 mph in the afternoon through evening. The hot and dry conditions will continue through the week. As the ridge moves west of the area expect daytime wind to become stronger from the west with a sharp decrease in minimum relative humidity. Smoke and haze will remain across the region.

Today:

WEATHER: Mostly sunny...with haze and smoke.
WIND (20 FT): Upslope in the morning. WSW 5-10 mph gusting to 20 mph after 1300 local.
MAX TEMPERATURES: 88-92
MIN RH: 11-16%
HAINES INDEX: 5 LAL: 1
CHANCE OF WETTING RAIN: 0%

Tonight:

WEATHER: Mostly clear...with haze and smoke.
WIND (20 FT): West wind 10 mph with gusts to 20 mph becoming light/downslope after 2200 local.
MIN TEMPERATURES: 48-54.
MAX RH: 30-38%
HAINES INDEX: 4 LAL: 1
CHANCE OF WETTING RAIN: 0%

Tuesday:


WEATHER: Mostly sunny with haze and smoke. Partly cloudy in the afternoon.
WIND (20 FT): Upslope in the morning. West-southwest 10-15 mph gusting to 25 in the afternoon.
MAX TEMPERATURES: 88-92
MIN RH: 10-15%
HAINES INDEX: 5 LAL: 1
CHANCE OF WETTING RAIN: 0%

Wednesday: Partly cloudy with haze and smoke. Highs 87 to 91. Wind WSW 10 to 15 mph gusting to 25 mph in the afternoon. Minimum RH 11 to 15 percent. Chance of wetting rain 0 percent.

Thursday: Partly cloudy with haze and smoke. Highs 87 to 91. Wind WSW 10 to 15 mph gusting to 25 mph in the afternoon. Minimum RH 11 to 15 percent. Chance of wetting rain 0 percent.

****WEATHER OBS – Please report all weather obs and forms to the IMET/FBAN desk****

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 2	TYPE OF FIRE: Wildfire
FIRE NAME: Whaleback	OPERATIONAL PERIOD: 0001 - 2400 , July 30, 2018
DATE ISSUED: July 29, 2018	TIME ISSUED: 2000
UNIT: Lassen NF, Eagle Lake Ranger District	SIGNED:  Mike Beasley, FBAN

INPUTS

WEATHER SUMMARY

*** See IMET Weather Forecast ***

Discussion:

Hot and dry conditions will persist into much of next week. Poor overnight humidity recovery. Increasing WSW winds aloft, and larger fire plumes may create their own weather and produce stronger erratic wind gusts.

Weather: Sunny. Haze and areas of smoke.

Max Temps: 88 - 92°

Min RH: 11 - 16%

20' Winds: Upslope/up-canyon becoming west-southwest 5-10 mph gusting to 20 mph after 1300.

Haines Index: 5

FIRE BEHAVIOR

Forecasted Indices: Bogard ERC (Fuel Model G) 62 down 1; Gordon ERC (Fuel Model G) 77 up 1

GENERAL:

- **Fuels:** The fire area has not burned since 1955, so there is considerable fuel, which could generate plume-dominated fire behavior. The fire is comprised of fine fuel (annual grasses) and 50-60 yr. old decadent brush, exclusively, out on Brockman Flat. On the flanks of Whaleback Mountain much of the brush is needle-draped in the understory. Fine fuels include cheatgrass, medusa head and other annuals. West of the A1 Road the fire is burning in widely-spaced Ponderosa pine mixed with Jeffery pine. Other tree species include sugar pine, as well as red fir at higher elevations. White fir is intermixed at all elevations. Brush fuels include mountain mahogany, chinquapin oak, manzanita, and ceanothus. **Fuel moistures are reaching critically dry levels.** Live fuel moistures are modeled to be near at 60 - 88% (lower on SW aspects) and dead/down 1000 hr. fuel moistures are < 10%.
- **Topography:** Aspect is largely northeast, east and south with slopes from 0 to 45%. The fire is burning on flat terrain up on the Brockman Flat Lava Beds and on the flanks of Whaleback Mountain. Elevation range is 5110 - 6840'.

SPECIFIC FIRE BEHAVIOR:

Expect an increase in fire behavior, especially **after the inversion lifts**, or if **plume-dominated winds develop**, suddenly ventilating the fire. Smoke inversion will inhibit fire behavior until after 1300 hrs. Lava bed can create thermal low later in the day, drawing strong winds onto the lava. When wind and slope align, runs in mature brush may occur with group and single-tree torching of widely spaced overstory trees. Headfire flame lengths in brush are expected to be 14 - 30' and rates of spread of 38 - 69 chains/hour (140 w/ peak gusts). Expect torching tree flame length over 100' with spotting distances generally less than 1/2 mile (further if plume dominated) and a probability of ignition 90% (higher on driest slopes). Expect the fire in brush fuels to flank and back actively, with flame lengths less than 10'.

DIV A/E/M- Expect squirrely afternoon winds associated with the lake and lava field. Winds should be favorable for holding until afternoon. Foot travel on lava is difficult, as is mop-up with pockets of heat hard to get at. Spot fires from burnout operations will ignite easily and spread quickly.

DIV T: Unstaffed.

DIV W/Z: Fire burning on an east aspect may be most active early in the day, especially if inversion is not present. Fire can move faster than spread rates shown above, if spotting becomes the primary spread mechanism. Contiguous, dense old brush fuels will burn well with frequent torching in the widely spaced pines. Needle-draped brush and large logs will trigger frequent single tree torching with flame lengths in excess of 100 ft. Heavy fuels are consuming completely. Plenty of potential for increased behavior from plume domination, given the high Haines Index. If fire gets to the west-facing slope of Antelope Mountain, expect increased fire behavior. Fire may run in cut blocks, slash and plantations on private timber ground.

AIR OPERATIONS

Heavy smoke over the fire area possibly until after noon, when the inversion lifts.


July 30th Sunrise: 05:59 July 30 Sunset: 20:19

SAFETY

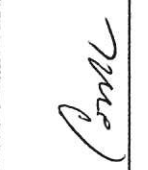
Heads up for overhead risks, like snags, powerlines

INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name WHALEBACK CA-LNF-003951		Date/Time Prepared 07/30/18 1800hrs	Operational Period Date/Time 7/30/18 0600 To 7/31/18 0800
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Only frequencies listed on this 205 are authorized for use on this incident.						Hand programmers accept all responsibility for the use of unauthorized frequencies.					
Ch #	Function	Channel Name	Assignment	RX Freq N or W	RX Tone	TX Freq N or W	TX Tone	Mode	Remarks		
1	NIFC C-51	CMD 1	ALL DIVISIONS	170.0875 N		162.8125 N	T-15	A	USE TONE 15 (162.2)		
2	NIFC C-52	CMD 2	ALL DIVISIONS	170.2375 N		163.6125 N	T-15	A	USE TONE 15 (162.2) MAIN USE FROM ICP TO INCIDENT		
3	FOREST NET	LNF FIRE	INITIAL ATTACK	173.1875 N		164.8000 N	T-4	A	FOR INITIAL ATTACK ONLY		
4	NIFC TAC 2	NIFC T2	INITIAL ATTACK	168.2000 N		168.2000 N		A	TACTICAL FOR INITIAL ATTACK		
5	NIFC TAC 1	NIFC T1	DIVISION A	168.0500 N		168.0500 N		A			
6	NIFC TAC 3	NIFC T3	DIVISION M	168.6000 N		168.6000 N		A			
7	NIFC TAC 4	NIFC T4	DIVISION Z	166.7250 N		166.7250 N		A			
8	NIFC TAC 5	NIFC T5	DIVISION E	166.7750 N		166.7750 N		A			
9	NIFC TAC 6	NIFC T6	DIVISION W	168.2500 N		168.2500 N		A			
10	VFIRE 21	VFIRE 21	STRUCTURE GROUP	154.2800 N	T-6	154.2800 N	T-6	A	USE TONE 6 (156.7)		
11	LMU LOCAL	LMU LOCAL	EMERGENCY USE	151.2500 N		159.4050 N	T-4	A	FOR MEDICAL USE TO SIFC		
12	CALCORD	CALCORD	ALL DIVISIONS	156.0750 N	STONE 6	156.0750	STONE 6	A	MEDICAL EMERGENCY TACTICAL		
13	A/G COMMAND	A/G CMD	ALL DIVISIONS	169.1000 N		169.1000 N		A	FOR OPERATIONS AND DIVISIONS		
14	A/G TACTICAL	A/G TAC	ALL DIVISIONS	168.3375 N		168.3375 N		A	FOR LINE PERSONEL		
15	R5 A/G 43	R5 A/G 43	INITIAL ATTACK	167.6000 N		167.6000 N		A	INITIAL ATTACK AIR TO GROUND		
16	AIR GUARD	AIR GUARD	ALL DIVISIONS	168.6250 N	STONE 1	168.6250 N	STONE 1	A	EMERGENCY ONLY		

Prepared by  *Rick Stone*

Incident Location
WHALEBACK ICP, LASSEN NATIONAL FOREST

Rick Stone, COML  *Rick Stone*

S 205 - 2007H

AIR OPERATIONS SUMMARY

Prepared By: Bruce Wicks

Prepared Date: 29 July 2018

Prepared Time: 1745

1. INCIDENT NAME: Whaleback	2. OPS PERIOD DATE: 30 July-2018	START TIME: 0800	END TIME: 2000	SUNRISE: 0559	SUNSET: 2019
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): MONITOR AIR TO GROUND FREQ WHEN AIRCRAFT ARE IN YOUR DIVISION. SITUATIONAL AWARENESS IS HIGH PRIORITY ALONG WITH BUCKET WORK! FLY WITH LIGHTS AND TRANSDSPONDER ON (1255) <i>Watch out for high tension wires</i>					
4. READY ALERT AIRCRAFT			5. TFR #: 8/6317		
MEDEVAC - See Medical Plan			Altitude- 12,000msl 8mi R		

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD	Bruce Wicks	530-906-2224	AIR/ AIR FW	125.0250		AIRTANKERS- TBA
ASGS	Steve Beall	530-598-6755	AIR Tactics FW		169.4875	LEAD PLANES- TBA
ATGS	Brian Rodgers	530-521-1843	AIR/GD Command		169.1000	ATGS AIRCRAFT-
ATGS(t)	Brian Baker	530-394-8110	AIR/GD Tactical		168.3375	AA-06 - ATGS - Brian Rodgers ATGS(t) - Brian Baker
ATGS	Rico Gonzalez (avil. 7/31?)	530-605-6376				
HLCO	Bill Lambert	530-598-4128	CMD Primary		170.0875 rx 162.8125 tx Tone 15 162.2	
HEB2(t) - SVE	Jerry Granados	323-215-5053	DECK		163.100	
HEB2(t) - O-05	Richard Brinkman	530-816-6428	DECK		163.100	
Air Ops Trailer ICP			Air Guard		168.6250 (110.9)tx/rx	OTHER FW AIRCRAFT-

9. HELICOPTERS (Use Additional Sheets as Necessary)

FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
161KA	1	K-Max	SVE	0830	0800	EXC A-8	354SH	3	AS B3	SVE	0830	0800	EXC A-36
212BT	2	H-510/212HP	O-05	0830	0800	EXC A-5							
16HX	2	H-538/205++	SVE	0830	0800	EXC A-47							
502HQ	2	H-502/205++	O-05	0830	0800	EXC A-35							
804PJ	1	UH-60	O-05	0830	0800	GWN A-31							
6HE	3	H-553/B407	Out of service?	0830	0800	EXC A -13							

Note: H-502 has 13 rappellers available

Whaleback INCIDENT RISK ANALYSIS (215a)
Day Shift, July 30 0600 to 2000 and Night Shift, July 30-31 1800-0800

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	Medical Emergencies	<ul style="list-style-type: none"> ~ Review, understand and discuss with your resources the Medical Plan in the IAP. ~ Refer to the Medical Incident Report on pages 118 – 119 in 2018 IRPG for info into Communications ~ Develop Division/Crew Pre-Plan in block #6 on the Medical Plan and fill in necessary information to assist you with an Incident within an Incident. ~ Base all operational decisions and activities on these 3 questions: <ol style="list-style-type: none"> 1.) What are we going to do if someone gets hurt? 2.) How will we get them out of here? 3.) How long will it take to get them to a hospital? ~ If the answers are insufficient, stop, re-assess and consider alternate strategies and tactics. ~ Have Alternate plan in place when aircraft is grounded due to visibility issues. ~ If air or ground ambulance is delayed: package and transport patient to rendezvous with incoming ambulance. ~ Re-route EMS helicopter to rendezvous point as appropriate ~ Review page 2 in IRPG 2018 for briefing subordinates. ~ If Night extraction by Air Ambulance with Hoist capabilities and NVG (Night Vision Goggles) is required, the following will assist in a smooth extraction. <ul style="list-style-type: none"> * <u>Minimum</u> of a 20' x 20' clearing * 3 GREEN "ChemLights" placed on edges of clearing forming a triangle to assist pilot in visual horizon. * Turn ALL headlamps and vehicle lights OFF * Communicate with Air Ambulance on CALCORD tone 6 ~ Be aware of Rotor Wash & its effect on Fire behavior when the extraction point is next to an active fire edge. <ul style="list-style-type: none"> • If possible, MOVE patient to an area with less fire activity
ALL	Hydration & Heat Illness	<ul style="list-style-type: none"> • Pre-hydrate, Re-hydrate! Dehydration is preventable.....Drink a <u>minimum</u> of 250ml/hour; (¼ of canteen) • Drink water & Electrolyte drinks before, during, and after shifts. (2 waters to 1 sports drink). • Do NOT mix with water or dilute electrolyte drink. It must be consumed as is for the body to absorb properly. • Low volumes of dark, concentrated urine or painful urination indicate a serious need for rehydration, & medical attention. • Pace work to avoid heat injuries • Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness & Headaches, clammy skin, persistent muscle cramps, decreased urine output. <ul style="list-style-type: none"> ○ Cool patient as quickly as possible! ○ Move patient to a cooler location and provide cold water and sports drink. ○ Actively reduce core temperature through evaporation by fanning patient. ○ Remove Patient from fire line and seek medical attention ○ Cover head and neck with wet cloth, increase air movement. ○ Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness, Headaches, clammy skin, persistent muscle cramps, and decreased urine output. <ul style="list-style-type: none"> • <u>Mental confusion may develop</u> This is a serious trigger point for the potential onset of Heat Stroke or Hyponatremia (water intoxication). • Refer to Medical Plan in IAP for additional EMS care and Evacuation
ALL	Extreme Fire Behavior	<ul style="list-style-type: none"> ~ Be aware that Brockman Flat Lava Field and Eagle Lake has local effects on Fire Behavior. ~ Provide weather forecasts/observations for all personnel assigned during Operational briefings ~ Update field personnel via the Command Channel when significant weather changes are observed that could impact area ~ Review "Alignments & patterns for Dangerous Fire Behavior" pg 73 in IRPG, 2018 ~ Develop Management Action Points/Trigger Points for disengagement of resources and make them known to all. Re-assess as needed. ~ Use "Risk Management Process" prior to engaging in suppression actions, referring to pg 1, IRPG, 2108 ~ Ensure LCES is in place before engagement of resources ~ Adhere to the 10 Standard Firefighting Orders & mitigate the 18 Watch Out Situations ~ Post experienced lookouts. Monitor current weather conditions and forecasts ~ Maintain adequate Escape Routes to Safety Zones. Advise all personnel if these are compromised or change ~ Have vehicles facing the direction of the Escape Route and ensure they are NOT blocking the route
ALL	Driving & Traffic	<ul style="list-style-type: none"> ~ Slow to UNDER 10 MPH when passing vehicles or personnel parked on roadways. ~ When parking off paved roadways, use caution due to soft soil conditions. ~ Follow posted speed limits in the town of Susanville and adjoining Residential areas. ~ Practice "Defensive Driving" techniques traveling on all roads in both rural and urban settings ~ Slowdown in limited visibility (smoky/dusty) & congested areas. Turn on overhead lights or Hazard Lights. Increase following distances to allow dust to settle, & to allow for reaction time lag. Use low beam headlights ~ Honk horn to alert personnel when backing. Use spotters when available ~ Pull over to allow oncoming traffic to pass on a narrow road base. If required to back-up at night, have the vehicle in front of you turn their headlights to "running lights" to eliminate night blindness while you back out of the way. Utilize a backer. ~ Expect two way traffic on one lane roads. Stay on your side, and approach corners with caution ~ Headlights ON. Manually turn on Headlights. Most vehicles have "auto" headlights ~ NO riding in the back of pick-ups. It is against the Law.

Whaleback INCIDENT RISK ANALYSIS (215a)
Day Shift, July 30 0600 to 2000 and Night Shift, July 30-31 1800-0800

ALL	Night Operations	<ul style="list-style-type: none"> ~ Maintain high visibility in work area & wear High Visibility Vests if working on Highways/Roadways. ~ Use red glow sticks to mark hazards, and green to mark Escape Routes. Supply Unit has Glow Sticks ~ Watch for signs of fatigue due to "Night Shift" sleeping issues & dehydration because folks don't drink much when temperatures are cooler ~ Take breaks away from areas of known hazards. ~ In Country not seen in daylight? Discuss Risk vs Gain if chasing spot fires in areas where Hazards have not been mitigated.
ALL	Aircraft Operations till 2000	<ul style="list-style-type: none"> • Review and discuss Aviation Watch Out Situations listed in IRPG pg 46 • Ensure resources are clear of "Target Area" during bucket or retardant use. • Use air-to-ground frequency to communicate with aircraft. • Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective and mirror flashes. • Evaluate risk vs gain for each mission/target • Ensure use of qualified personnel when involved with longline operations. • Keep non-essential personnel away from dip sites (natural and/or man made) • Ensure personnel receive a passenger briefing prior to flight. • Use aerial Supervision and maintain separation.
A,Z	Firing Operations	<ul style="list-style-type: none"> • Identify the Firing Boss & Holding Boss and make it known to all. • Brief all resources including adjoining Divisions on the approved plan. • Ensure Communications are in place with both ground and air resources. • Assure experienced lookouts are in place before implementing plan. • Use qualified personnel for all assignments & Trainees have qualified trainers. • Utilize Risk Mgmt. Process (IRPG p. 1) for implementing the plan. • Ensure the 10 & 18's are followed prior to implementing burning operations (IRPG back cover). • Keep your ESCAPE Routes cleared of vehicles and equipment
ALL	Biting, Stinging Insects, & Critters (Rattle Snakes, Bees, Mosquitoes, Scorpions, Ticks, Wildlife, etc)	<ul style="list-style-type: none"> • Brockman Flat Lava Beds has a higher concentration of Rattle Snakes. If encountered, leave them alone! • If allergic to bee stings, let your DIVS & Medic/EMT's know. • Use bug spray to minimize mosquito bites. • Check yourself daily for tick bites. • Leave wildlife alone. Backhaul ALL Trash please.
INCIDENT NAME Whaleback ICS 215a		DATE PREPARED: <p style="text-align: center;">July 29, 2018</p>
		TIME PREPARED: 2100 HOURS
		OPERATIONAL PERIOD Day Shift 0600 - 2000 Night Shift 1800 - 0800 Prepared by: Tanzi – SOF1, Barnhart – SOF2, Franklin – SOF2(t)



Exertional Heat Injury Signs/Symptoms and Treatments

Exertional Injury	Signs/Symptoms	Treatments
Heat Cramps	Painful spasms of skeletal muscles; can appear rapidly, without warning; may occur in any muscle group, especially arms, legs, abdomen.	Remove PPEs and lie down in cool, shaded area; hydration with electrolyte beverages; stretching and massaging affected muscles; Basic Life Support medical evaluation.
Heat Syncope	Light-headed, dizziness and/or fainting.	Remove PPEs and lie down in cool, shaded area; initiate immediately active cooling and hydration with electrolyte beverages; Advanced Life Support (ALS) medical evaluation at minimum.
Exertional Heat Exhaustion	Headache, weakness, dizziness, chills, nausea, vomiting, diarrhea, visual disturbances; irritability, low blood pressure, elevated pulse, hyperventilating, decreased muscle coordination (stumbling, staggering); inability to continue exercise.	Remove PPEs and lie down in cool shaded area; initiate immediately active cooling and hydration with electrolyte beverages; ALS medical evaluation at minimum with possible transport.
Exertional Heat Stroke (EHS)	Hot, diaphoretic (sweating can be very profuse), pale or flushed skin, signs with central nervous system (CNS) dysfunction during an exertional event. CNS dysfunction signs can include: confusion, visual disturbances; slurred speech, stumbling, altered level of consciousness; unresponsiveness.	Immediate PPE removal and aggressive active cooling (total body immersion in ice water bath is the standard); rapid ALS treatment/ transport with active cooling continued, IV normal saline and all other interventions conducted en route to the most accessible receiving facility. <u>NOTE:</u> The progression from minor/mild heat injury to EHS can be very fast. When in doubt, cool aggressively, initiate the transport process.
Exertional Rhabdomyolysis	Muscle pain out of proportion to exercise performed; tea colored urine; muscle swelling (compartment syndrome)	May not be evident initially. Seek immediate medical attention to have the appropriate tests performed (serum creatine phosphokinase: CPK or CK) to look for proteins in the blood.



TRAINING SPECIALIST MESSAGE

A TNSP is now available at this incident.

All federal, state, and local government agency trainees working on position task books will need to register with the Incident Training Specialist in order to receive proper credit for your assignment.

The TNSP office is located at the ICP next to Check In/Demob.

A TNSP will be available before and after each briefing.

Greg Kurtz
Training Specialist

