

COVE CREEK FIRE

INCIDENT ACTION PLAN



TEAM 7 KNUDSON

ID-SCF-019218

AUGUST 8, 2019

P4MJ90

DAY- O600-2000

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name:	2. Operational Period: DAY	
COVE CREEK	Date/Time From: 08/08/2019 0600 THU	Date/Time To: 08/08/2019 2000 THU

3. Objective(s):

Course Of Action:

- Full suppression utilizing direct, indirect and point protection.

Incident Objectives:

- Ensure all operations reflect a commitment to incident personnel and public safety commensurate with the values at risk and probability of success.
- Implement reasonable efforts to keep the fire north of the Salmon River, west of Spring Creek, and east of Colson Creek.
- Minimize impacts to private property, habitat of protected species, cultural and archeological sites.
- Provide safe access along the Salmon River road for both firefighters and the public.
- Ensure prompt and accurate communication that fosters discussion and encourages interaction with hosting agencies.
- Focus public information actions to enhance relationships with landowners, cooperators and the public.

Desired End State:

- The fire is suppressed and values at risk protected using the appropriate resources to implement tactics in locations with reasonable probabilities of success. At the conclusion of the incident, there will have been no serious accidents or injuries, all suppression damage will have been repaired, and the cooperator and public relationships will have been enhanced.

4. Operational Period Command Emphasis:

- Attention to detail is critical from the first moment to the last operational one

General Situational Awareness:

5. Site Safety Plan Required? Yes No


Approved Site Safety Plan(s) Located at:

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"/> RESOURCE ADVISOR <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 208	
<input checked="" type="checkbox"/> ICS 204	<input checked="" type="checkbox"/> ICS 220	
<input checked="" type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Map/Chart	
<input type="checkbox"/> ICS 205A	<input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	
<input checked="" type="checkbox"/> ICS 206		

7. Prepared by: GARY PECK	Position/Title: PSC2	Signature:
8. Approved by Incident Commander:	Name: JEFF KNUDSON	Signature:
ICS 202	IAP Page	Date/Time: 08/07/2019 2100

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name:		2. Operational Period: DAY	
COVE CREEK		Date/Time From: 08/08/2019 0600	Date/Time To: 08/08/2019 2000 THU
3. Incident Commander(s) and Command Staff:		7. Operations Section:	
IC/UC	KNUDSON, JEFF	OPS SECTION CHIEF	CHUNG, QUINCY; BOSS, MATT (T)
SAFETY OFFICER	BEDKE, JEFF ERICKSON TONY (T)	PLANNING OPS	JACKSON, GREG
INFORMATION OFFICER	BROYLES, GEORGE DARBOVEN, ERIN	DIVISION/GROUP	A CUNNINGHAM, CRAIG MASON, CHRIS (T)
LIAISON OFFICER	PETERSON, STEVE ACARREGUI, STEVEN	DIVISION/GROUP	K PETRAY, DOUG COVALT, BEN (T)
4. Agency/Organization Representative(s):		DIVISION/GROUP	S CATLIN, AUSTIN DONATI, TALLYN (T)
Agency/Organization	Name	DIVISION/GROUP	Z BISHOP, JIM LOVELESS, NICK (T)
FOREST SERVICE	POVIRK, KYRA	7b. Air Operations Branch:	
IDL	BROWN, PAT	AIR OPS BRANCH DIRECTOR	MUNSON, GARY
LEMHI COUNTY SHERIFF	PENNER, STEVE	AIR ATTACK SUPERVISOR	MUELLEN, STEVE DOGGETT, TYLER
FS READ	BACK, JEREMY EBY, NATHAN; MARIN, DEREK	AIR SUPPORT SUPERVISOR	BROTHERS, TYLER
5. Planning Section:		HELIBASE MANAGER	WISNER, MARK
CHIEF	PECK, GARY	8. Finance/Administration Section:	
SITUATION UNIT	MATTFELDT, MIKE KAFKA, JOE	CHIEF	CRILL, KELIN
RESOURCES UNIT	BURLESON, WADE PETTIGREW, CRAIG	TIME UNIT	MONTOYA-NEVES, THELESA WHARTON, CINDY (T)
DEMOBILIZATION UNIT	DODGE, SANDY	EQTR	MINNOOK, TAMARA
STATUS CHECK-IN	MEYERS, HANNE	PTRC	MARTIN, JUDY
FIRE BEHAVIOR ANALYST	BARTEL, DAN	COMPENSATION UNIT	MCCABE, GLORIA
GIS SPECIALIST	EHLER, B: BRAUN, C BARAGONA, M: (T) GILBERT, J (T)	COST UNIT	PIPER, LEE
TECHNOLOGY SUPPORT SPECIALIST	CAPPS, IVAN BALLARD, LANDIN	ICPI	PIAZZA, MIKE
INCIDENT METEOROLOGIST	WILLIAMS, DEREK		
6. Logistics Section:			
CHIEF	SWENSON, TRACY		
DEPUTY	LANGFORD, JUSTIN		
SUPPLY UNIT	WHARTON, TJ		
FACILITIES UNIT	HUGHES, LEE		
FOOD UNIT	NORMAN, VAL		
GROUND SUPPORT UNIT	HADLEY, DOUG		
COMMUNICATIONS UNIT	REED, MIKE		
MEDICAL UNIT	PICKERING, DALE		
SECURITY UNIT	DIPPEL, CRIS		
ORDERING MANAGER	FLANDER, KIM		
9. Prepared By: Name: GARY PECK		Position/Title: PSC2	Signature: 
ICS 203	IAP Page	Date/Time: 08/07/2019 2100	



Fire Weather Forecast

FORECAST NO: 2
PREDICTION FOR: Day Shift
DATE: August 8th, 2019
FORECAST ISSUED: 1900 August 7th, 2019

NAME OF FIRE: Cove Creek
UNIT: Salmon-Challis NF
Incident Meteorologist: Derek Williams
Signed: *Derek Williams*

WEATHER DISCUSSION: *Fire Weather Watch in effect for scattered afternoon thunderstorms.*****

Expect increasing cloud cover late morning through the afternoon hours. Showers and thunderstorms will increase from the south moving and move over the fire area beginning around 1300 and could last through the evening hours. Gusty and erratic outflow winds cloud to ground lightning will be the primary concerns. Winds will start out light from the southwest in the morning before becoming dominated by shower/thunderstorm outflow this afternoon. However, primary direction should be from the southwest.

TODAY: *Strong outflow winds/heavy rain possible with showers/thunderstorms*****

WEATHER: Partly cloudy in the morning becoming cloudy with scattered afternoon showers and thunderstorms after 1300. Locally heavy rain is possible.

TEMPERATURES: (3500 ft.): 81-85 (3-5° cooler)
(6000 ft.): 72-76 (3-5° cooler)

HUMIDITY: (3500 ft.): 25-30% (10% higher)
(6000 ft.): 30-35% (10% higher)

20 FT WINDS:

Valleys: Drainage winds 2-4 mph before 1100 transitioning to upslope/upvalley in the early afternoon to 3-6 mph.

Ridges: Light and variable in the morning becoming southwest and increasing to 6-10 mph with gusts to 18 mph in the afternoon.

CWR (>0.10 of an inch): 50%.

LIGHTNING ACTIVITY LEVEL: 4.

HAINES INDEX: 4 (low).

INVERSION: Inversion breaking around 1100.

TONIGHT:

WEATHER: Mostly cloudy with isolated showers and thunderstorms before 2100, diminishing overnight.

TEMPERATURES: (3500 ft.): 57-60 (1-2° warmer)
(6000 ft.): 56-59 (1° cooler)

HUMIDITY: (3500 ft.): 70-90% (much higher)
(6000 ft.): 70-80% (15-20% higher)

20 FT WINDS:

Valleys: Becoming light and variable.

Ridges: Southwest 10-15 mph.

CWR (>0.10 of an inch): 10%.

LIGHTNING ACTIVITY LEVEL: 1.

FRIDAY: *Gusty outflow winds expected with showers/thunderstorms*****

WEATHER: Mostly cloudy. Isolated showers and thunderstorms in the afternoon.

TEMPERATURES: (3500 ft.): 78-82 (2-3° cooler)
(6000 ft.): 69-73 (2-3° cooler)

HUMIDITY: (3500 ft.): 30-35% (5% higher)
(6000 ft.): 35-40% (5% higher)

20 FT WINDS:

Valleys: Downslope/downvalley 2-4 mph before 1100 transitioning to upslope/upvalley in the afternoon to 4-7 mph. Aligned valleys, canyons and slopes will see stronger southwest winds in the afternoon.

Ridges: Southwest 10-15 mph with gusts to 20 mph.

CWR (>0.10 of an inch): 10%.

LIGHTNING ACTIVITY LEVEL: 3.

HAINES INDEX: 3 (low).

EXTENDED OUTLOOK: Saturday through Tuesday: Another round of wetting rains is possible Saturday as cooler Pacific storm system moves through the region. Precipitation chances diminish Sunday as the disturbance moves eastward with dry conditions settling in for early next week. Temperatures begin to rise Monday with 80s and lower RH returning for Tuesday.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 02	TYPE OF FIRE: Wildfire
FIRE NAME: Cove Creek	OPERATIONAL PERIOD: Day
DATE ISSUED: 08/07/2019	TIME ISSUED: 2000
UNIT: ID-SCF-019218	SIGNED: <u>Dan Bartel</u>
	Typed/printed: Dan Bartel

INPUTS

WEATHER SUMMARY:

Isolated thunderstorms are possible after 1300 hours, outflow winds from thunderstorms will cause rapid rates of spread.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

Winds out of the South-Southwest pushing the fire North-Northeast light in the morning hours and increasing to 20 MPH in the afternoon. Greener fuels at higher elevations will slow the fire spread to the North. Fully cured grasses at lower elevations can lead to rapid rates of spread. Low Fuel Moistures in 1000hr fuels will allow the fire to spread throughout the night. Short-range spotting is likely at ridgetop in patches of mixed conifer.

Haines Index: 4 Low

PIG: 75%

SPECIFIC:

DIV A: The fire will be a flanking backing with the southern dominated winds, the fire will continue to burn into the main Salmon corridor and Skull Gulch with 1 to 2-foot flame lengths.

DIV K: Winds will align with Owl and East Owl Creek allowing the fire to move up canyon upslope with 6 to 8-foot flames. Possible afternoon thunderstorms could produce sustained 20mph winds with gusts to 40mph resulting in rapid rates of spread is associated with thunderstorms.

DIV S: Winds will align with Cove Creek and the main Salmon River corridor allowing the fire to move up canyon upslope. Possible afternoon thunderstorms could produce sustained 20mph winds with gusts to 40mph resulting in rapid rates of spread is associated with thunderstorms.

DIV Z: The Fire will a flanking backing fire with the southern dominated winds, the fire will continue to burn into the main Salmon corridor 1 to 2-foot flame lengths.

AIR OPERATIONS:

The inversion over the fire should lift by 1100.

Afternoon thunderstorms could affect air operations with possible wind gusts in excess of 40 MPH

SAFETY

Steep slopes and rolling debris pose a high risk in the Salmon River Breaks. Slopes within the fire, range from 30 to 70 percent in slope.

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

1. Incident Name:			3.			
COVE CREEK			Branch:		Division/Group:	
2. Operational Period: DAY					A	
Date/Time From: 08/08/2019 0600	THU	Date/Time To: 08/08/2019 2000	THU			
4. Operations Personnel						
OPERATIONS CHIEF		CHUNG, QUINCY		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		CUNNINGHAM, CRAIG MASON, CHRIS (T)		AIR ATTACK SUPERVISOR MUELLEN, STEVE DOGGETT, TYLER		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 SALMON RIVER 4 IHC C-4		08/20	ROBINSON, BILL	20	ICP/0600	ICP/2000
HC1 BLACK MESA IHC C-5		08/21	AJZA, FRANK	21	ICP/0600	ICP/2000
HC2I COLOR COUNTRY 5 HC2IA C-7		08/26	SEELHOFF, LUKE	21	ICP/0600	ICP/2000
HC2I PATRICK 13A HC2IA C-3		08/18	WALL, NIC	20	ICP/0600	ICP/2000
ENG4 ID-IFD 3495 E-4		08/18	KARN, JAMES	5	ICP/0600	ICP/2000
ENG6 TETON 621 E-9		08/19	CAMPBELL, BRET	3	ICP/0600	ICP/2000
ENG6 MADISON B62 E-5		08/18	LANDON, GARY	4	ICP/0600	ICP/2000
EMPF MCKINNEY, NATHANIEL O-19		08/19		1	ICP/0600	ICP/2000
AEMF NORTHRUP, TYLA L O-17		08/20		1	ICP/0600	ICP/2000
AMBU MADISON AMBULANCE #5 E-44		08/19	JOHNSTON, ELLIS	2	ICP/0600	ICP/2000
SOF2 WISEMAN, MARK O-44		08/21		1	ICP/0600	ICP/2000
TFLD DAVIS, JAKE O-15		08/19		1	ICP/0600	ICP/2000
TFLD ANDO, AMY (T) O-37		08/19		1	ICP/0600	ICP/2000
6. Control Operations/Work Assignments:						
<p>Minimize westerly spread towards Colson Creek. Utilize buckets from air where feasible. Look for opportunities to improve roads conditions on Colson Creek. Brush Colson Road. Complete indirect line.</p>						
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
SEE COMM PLAN						
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
WADE BURLESON			GARY PECK		08/07/2019	2100

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

1. Incident Name:		3.	
COVE CREEK		Branch:	Division/Group:
2. Operational Period: DAY			
Date/Time From: 08/08/2019 0600	THU	Date/Time To: 08/08/2019 2000	THU
4. Operations Personnel			
OPERATIONS CHIEF	CHUNG, QUINCY	BRANCH DIRECTOR	
DIVISION/GROUP SUPERVISOR	CUNNINGHAM, CRAIG MASON, CHRIS (T)	AIR ATTACK SUPERVISOR	MUELLEN, STEVE DOGGETT, TYLER

7. Special Instructions:
 Ambulance Madison #5 staged at Drop Point 20 at the A/Z break

8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
SEE COMM PLAN						
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
WADE BURLESON		GARY PECK		08/07/2019	2100	

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

1. Incident Name:		3.				
COVE CREEK		Branch:		Division/Group:		
2. Operational Period:		DAY				
Date/Time From: 08/08/2019 0600 THU		Date/Time To: 08/08/2019 2000 THU		K		
4. Operations Personnel						
OPERATIONS CHIEF		CHUNG, QUINCY		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		PETRAY, DOUGLAS CAVAULT, BEN (T)		AIR ATTACK SUPERVISOR		MUELLEN, STEVE DOGGETT, TYLER
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
UNSTAFFED						
6. Control Operations/Work Assignments:						
Scout perimeter. Look for routes to contain fire spread. Look for areas on 123 (Colson Creek) road that can used to stop fire spread to the north.						
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
SEE COMMUNICATIONS						
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
WADE BURLESON			GARY PECK		08/07/2019	2100

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

1. Incident Name:		3.	
COVE CREEK		Branch:	Division/Group:
2. Operational Period: DAY			S
Date/Time From: 08/08/2019 0600 THU	Date/Time To: 08/08/2019 2000 THU		

4. Operations Personnel			
OPERATIONS CHIEF	CHUNG, QUINCY	BRANCH DIRECTOR	
DIVISION/GROUP SUPERVISOR	CATLIN, AUSTIN DONATI, TALLYN (T)	AIR ATTACK SUPERVISOR	MUELLEN, STEVE DOGGETT, TYLER

5. Resources Assigned this Period					
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 SNAKE RIVER IHC C-13	08/17	DAVIS, PAUL	19	ICP/0600	ICP/2000
HC1 FORT APACHE IHC C-6	08/21	BURNETTE, MARK	21	ICP/0600	ICP/2000
HC2I MEDICINE BOW/ROUTT NF #1 C-11	08/19	CUSACK, TIMOTHY	18	ICP/0600	ICP/2000
EMPF FARNSWORTH, CHRIS O-18	08/19		1	ICP/0600	ICP/2000
EMPF HAFEN, BRANDON O-20	08/19		1	ICP/0600	ICP/2000
TFLD KRAPFEL, ROBERT C-999.6	08/17		1	ICP/0600	ICP/2000
TFLD GREENSTEIN, CHRISTOPHER (T) O-38	08/21		1	ICP/0600	ICP/2000

6. Control Operations/Work Assignments:
 Scout perimeter. Look for routes to contain fire spread on 038 (Spring Creek) road.

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
SEE COMMUNICATIONS						

9. Prepared By (Resource Unit Leader)	Approved By (Planning Section Chief)	Date	Time
WADE BURLESON	GARY PECK	08/07/2019	2100

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

1. Incident Name:		3.				
COVE CREEK		Branch:	Division/Group: Z			
2. Operational Period: DAY						
Date/Time From: 08/08/2019 0600	THU	Date/Time To: 08/08/2019 2000	THU			
4. Operations Personnel						
OPERATIONS CHIEF	CHUNG, QUINCY	BRANCH DIRECTOR				
DIVISION/GROUP SUPERVISOR	BISHOP, JIM LOVELESS, NICK (T)	AIR ATTACK SUPERVISOR	MUELLEN, STEVE DOGGETT, TYLER			
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
HC1 SAWTOOTH IHC C-12	08/20	WEST, KYLE	19	ICP/0600	ICP/2000	
TORRES 4B	08/18	CABRERA, LEONARDO	20	ICP/0600	ICP/2000	
SMOKEJUMPER MODULE	08/16	SENSCQUA, KELLY	3	ICP/0600	ICP/2000	
ENG4 ROCKY MTN #10 E-4	08/18	YELLOW KIDNEY, CORWIN	3	ICP/0600	ICP/2000	
EMPF	08/18	SCADDEN, MIKE O-21	1	ICP/0600	ICP/2000	
HEALTH STUDY GROUP	08/18	BROWN, SKYLER	4	ICP/0600	ICP/2000	
TFLD TOWERS, MIKE			1	ICP/0600	ICP/2000	
TFLD BEYUKA, JAZZ (T) C-999.5			1	ICP/0600	ICP/2000	
6. Control Operations/Work Assignments: Study group contact Division Supervisor when working in Division. Continue to monitor fire behavior in Cove Creek. Assess situation on Salmon River Road corridor.						
7. Special Instructions: Ambulance Madison #5 stage at Drop Point 20, Division Z/A break.						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
SEE COMMUNICATIONS						
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
WADE BURLESON		GARY PECK		08/07/2019	2100	

AIR OPERATIONS SUMMARY

Prepared By: Gary Munson

Prepared Date: 8/7/2019

Prepared Time: 2000

1. INCIDENT NAME: Cove Creek		2. OPS PERIOD DATE: 08/08/2019	Briefing: 0800 Fly: 0830	END TIME: 2100	SUNRISE: 0628	SUNSET: 2053
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3. REMARKS: Watch for wires, Dip from High to Low only. No dipping in the wilderness. Wash buckets when going from the Salmon river to High mountain lakes.

TFRs:
 Cove: 9/3214
 Freq: 123.4
 Alt MSL: 12000

**** Idaho State Comm Air MedEvac 155.280 RX/TX (Tone 156.7 TX)
 **** Incident medical transport aircraft to be assigned by helibase mngr.

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	TX	RX	8. FIXED-WING
AOBD	Gary Munson	208-859-4697	<u>A/A Fixed-Cove</u>	123.400	123.400	ATGS 1) N20S: Steve Muellen 970-596-6504 2) N668TM: Tyler Doggett 208-867-0493
ASGS	Tyler Brothers	208-993-1760	<u>A/A Rotor-Cove</u>	126.550	126.550	
			<u>A/G Tactical-Cove</u>	169.200	169.200	
HEBM	Mark Wisner	208-833-5925	<u>A/G Logistical-Cove</u>	168.2750	168.2750	
			<u>Deck-Salmon AB</u>	163.100	163.100	
Salmon Air Base Ops		208-303-8122	<u>SCF IA Air/Air</u>	124.650	124.650	
			<u>SCF Primary A/G23</u>	166.7625	166.7625	
			<u>Air Guard</u>	168.625 (TX tone 110.9)	168.625	AIRTANKERS (Order through ATGS) LEAD PLANES (Order through ATGS)
<u>Helicopters</u>	Type	Notes	<u>Helispots</u>	Latitude	Longitude	<u>USFS Shorthaul Helicopters</u>
N233AJ	Type 1-S-60		Cove Creek-H30	45.19.728	114.25.712	N38HX- Grangeville, ID (43 min flight time)
N462WY	Type 1-CH-46E		Indianola	45.24.003	114.09.913	N353SH- McCall, ID (39 min flight time)
N3181F	Type 2-UH1F		Newland	45.24.608	114.00.952	
N205BT	Type 2-205++					

REMARKS: A/G Tactical for Bucket work only
 A/G logistical for all other missions including emergency shorthaul operations

18 Aviation Personnel Assigned

HEALTH AND SAFETY MESSAGE

SAFETY starts with **YOU** PREDICTABLE IS PREVENTABLE

INCIDENT: Cove Creek

DATE: August 8, 2019

Thunderstorm Safety

Thunderstorms cause significant hazards for wildland firefighters, including downbursts that can cause extreme fire behavior and lightning. When thunderstorm development is likely, lookouts should be posted and aware of signs of a developing storm. A sudden reversal in wind direction, a noticeable rise in wind speed, and a sharp drop in temperature may note the mature stage of a storm. Heavy rain, hail and lightning occur only in the mature stage of a thunderstorm. During a storm, use the following guidelines:

- **Take shelter in vehicle or building if possible.**
- **Move to an area with shorter trees. Keep your distance to twice the height of the tallest tree.**
- **In open areas crouch low with feet together and minimize contact with the ground.**
- **Don't group together.**
- **Don't stay on ridge top's or near rock outcroppings's.**
- **Don't handle metal tools or flammable materials in open containers.**
- **Stay out of drainages for possible flash flooding.**
- **If you feel your hair on your arms stand up there is a high probability of a strike in the vicinity.**
- **Minimize driving on wet dirt roads.**

Driving

- Drive defensively on highways and fire access roads. Slow down on narrow roads and blind turns.
- Be courteous, look ahead and pull over.
- Use seat belts
- Lights on, windshields clean.
- Ensure that all safety features on your vehicle are functional.
- Watch for river traffic, wildlife and other unknown hazards.



Easy Does It

Hazard Trees

- Follow "Hazard Tree Safety" guidelines IRPG page 22
- Post lookouts or spotters in mop-up areas.
- Don't take breaks in high concentrations of hazard trees
- Consider the effect of wind on hazard trees
- Remember the hazard zone is 2 ½ times the tree height
- Use qualified fallers to mitigate snags



Your Safety Team: Jeff Bedke, Tony Erickson (t)

INCIDENT RADIO COMMUNICATIONS PLAN
I-205

1. INCIDENT NAME Cove Creek	2. DATE/TIME PREPARED 8/7/2019 1900	3. OPERATIONAL PERIOD DATE/TIME 8/8/2019 0600-2200
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4. BASIC RADIO CHANNEL UTILIZATION

Ch #	Channel Name	Assignment	RX Frequency Narrowband (N) Wideband (W)	RX Tone/MAC	TX Frequency Narrowband (N) Wideband (W)	TX Tone/MAC	Mode Digital (D) Analog (A) Mixed (M)	Remarks
1	TAC 1	Div A	168.2000 N	110.9	168.2000 N	110.9	A	
2	TAC 2	Div Z	168.6000 N	110.9	168.6000 N	110.9	A	
3	TAC 3	Div S	166.7750 N	110.9	166.7750 N	110.9	A	
4	TAC 4	Div K	168.2500 N	110.9	168.2500 N	110.9	A	
5	TAC 5		168.0500 N	110.9	168.0500 N	110.9	A	
6	TAC 6		166.7250 N	110.9	166.7250 N	110.9	A	
7	CMD 7	Command	170.9750 N	110.9	168.7000 N	110.9	A	Located at FS Stormy Peak Lookout
8	CMD 8	Command	170.0125 N	110.9	165.2500 N	110.9	A	Located at FS Long Tom Lookout
9	CHAN 9		Empty		Empty		A	
10	FS STORMY		172.2750 N		164.5000 N	167.9	A	Contact to Central Idaho Dispatch
11	FS LONGTOM		172.2750 N		164.5000 N	123.0	A	Contact to Central Idaho Dispatch
12	A/G TAC	Air To Ground	169.2000 N		169.2000 N		A	Tactical Helo Use
13	A/G LOG	Air To Ground	168.2750 N		168.2750 N		A	Logistical Helo Use
14	CAMP	Logistics Net	168.3500 N	110.9	168.3500 N	110.9	A	Cove Creek ICP Use
15	ST COMM		155.2800 N		155.2800 N	156.7	A	
16	AIRGUARD		168.6250 N		168.6250 N	110.9	A	EMERGENCY USE ONLY!!!

5. I-205 Prepared By Michael A. Reed, Communications Unit Leader

Resource Advisor's Message – August 8, 2019

What's the deal with the fish screens?

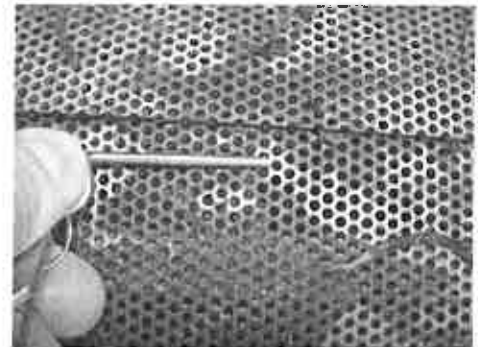
Water withdrawals can be a risk to fish, especially juveniles, if the pump intake has enough velocity to suck fish in. National Marine Fisheries Service criteria identify maximum mesh opening sizes for the screens to prevent fish from entering the pump and a maximum approach velocity for water at the screen's surface to prevent fish from being entrained or impinged on the screen. To avoid entrainment, impingement, or injury to fish, a properly sized and screened structure must surround the water intake structure.

Definitions used in pump intake screen criteria

- D **Pump intake screens** are defined as screening devices attached directly to a pressurized diversion intake pipe.
- D **Effective screen area** is calculated by subtracting screen area obstructed by structural members from the total screen area.
- D **Screen mesh opening** is the narrowest opening in screen mesh.
- D **Approach velocity** is the calculated velocity component perpendicular to the screen face.
- D **Sweeping velocity** is the flow velocity component parallel to the screen face with the pump turned off.
- D **Passive** pump intake screens have no cleaning system and should only be used when the debris load is expected to be low, and
 - 1) if a small screen (less than 1 CFS pump) is over-sized to eliminate debris impingement, and
 - 2) where sufficient sweeping velocity exists to eliminate debris build-up on the screen surface
 - 3) if the maximum diverted flow is less than .01% of the total minimum streamflow

Pump Intake Screen Flow Criteria

- D **Screen mesh** openings shall not exceed **3/32 inch** (2.38 mm) for woven wire or perforated plate screens, or 0.0689 inch (**1.75 mm**) for profile wire screens, with a minimum **27% open area**. No gaps greater than 3/32 inch shall exist in any type screen mesh or at points of mesh attachment.



Pump Intake Screen Location

When possible, pump intake screens shall be placed in locations with **sufficient sweeping velocity** to sweep away debris removed from the screen face. A **clear escape route** should exist for fish that approach the intake volitionally or otherwise. For example, if a pump intake is located off of the river (such as in an intake lagoon), a conventional open channel screen should be considered, placed in the channel or at the edge of the river. Intakes in reservoirs should be as deep as practical, to reduce the numbers of juvenile salmonids that approach the intake. Adverse alterations to riverine habitat shall be minimized.



Incident within an Incident Plan

The Incident Commander is responsible for overall action in case of a serious accident.

ON SCENE

Upon occurrence of a "Medical Emergency" involving significant injury (Yellow or Red Only) or fatality within the incident, the highest qualified person on scene shall take control of the situation until the nearest Division /Group Supervisor arrives to assume control. Immediate and clear communication must be established between Operations and Division/Group Supervisors to determine who can arrive at the scene quickest and assume control of the situation. In the event of such an incident in camp or on incident roads, on-site personnel shall take control until an Operations Chief or Division/Group Supervisor arrive or Local Law Enforcement and/or Medical personnel have assumed control as the On-Scene Incident Commander.

Incident Communications or the On-Scene Incident Commander will take immediate action to clear all radio traffic on the incident "Command Channel" by broadcasting "Emergency Traffic Only". This will assist in quick and proper coordination for managing the IWI.

At no time during the incident will the name of the subject(s) be used over the radio.

Upon arrival at the incident scene, whoever has been designated to manage the incident (Operations Chief or Division/Group Supervisor) should take immediate actions to:

- Identify and mobilize medical personnel to the scene – notify them you are in charge.
- Coordinate appropriate transportation for injured personnel.
- Restrict unnecessary personnel from the accident scene.
- Secure the scene area and identify witnesses for investigation.

The nearest Safety Officer will respond immediately to the scene and assist the On-Scene Incident Commander and shall be responsible for initiating the proper investigation and documentation.

ICP

Specific processes for C&G notification, day and night, will be determined upon arrival at each incident.

Immediately upon notification of a serious incident requiring emergency action the communications unit will make radio and group text notification to the Incident Commander, Medical Unit Leader, Planning Operations, Safety Officer, and Air Operations. All will respond to the incident communications facility in order to support the IWI. The Medical Unit Leader or other appropriate C&G will normally physically operate the radio during the patient assessment/care portion of the incident, the RADO will be responsible for documentation. In the absence of the Incident Commander, The Plans Chief will assume the supervisory role. For non-serious (Green) incidents, the Safety Officer or Medical Unit Leader will notify the appropriate overhead as necessary.

Plans Chief, Logistics Chief, Finance Chief, Information Officer and Situation Unit Leader shall be notified and may be requested to respond to incident communications as dictated by specific emergency needs.

Information Officer is responsible for managing external communication. All information released from the incident shall be through the Information Officer with the approval of the Incident Commander.

The Incident Commander will make contact with the Agency Administrator who will in turn contact appropriate officials of the agency. If the accident involves a fatality, the Agency Administrator will be responsible for implementing agency specific protocols for dealing with the incident.

Approved by:



Incident Commander

Date

8/6/19

MEDICAL PLAN (ICS 206 WF)

Controlled Unclassified Information//Basic

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.

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, IC is TFLD Jones. EMT Smith is providing medical care."

Severity of Emergency / Transport Priority	<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^o - 3^o 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^o - 3^o 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		<i>Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)</i>
Transport Request		<i>Air Ambulance / Short Haul/Hoist Ground Ambulance / Other</i>
Patient Location		<i>Descriptive Location & Lat. / Long. (WGS84)</i>
Incident Name		<i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i>
On-Scene Incident Commander		<i>Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)</i>
Patient Care		<i>Name of Care Provider (Ex: EMT Smith)</i>

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

Patient Assessment: See IRPG page 106

Treatment:

4. TRANSPORT PLAN:

Evacuation Location (if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.) Patient's ETA to Evacuation Location:

Helispot / Extraction Site Size and Hazards:

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

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					

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.

MEDICAL PLAN (ICS 206)

1. Incident Name: Cove Creek	2. Operational Period: Date From: 8/8/19 Time From: 0600	Date To: 8/8/19 Time To: 2200
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3. Medical Aid Stations:			
Name	Location	Contact Number(s)/Frequency	Paramedics on Site?
Cove Creek ICP	ICP	Command 7 & 8	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Cove Creek Ambulance	DP 20	Command 7 & 8	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Paramedics on divisions	Refer to ICS 204		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

4. Transportation (indicate air or ground):			
Ambulance Service	Location	Contact Number(s)/Frequency	Level of Service
Cove Creek Ambulance	DP 20 (ground)	Command 7 & 8	<input type="checkbox"/> ALS <input checked="" type="checkbox"/> BLS
Air Idaho Rescue	Salmon (air)	800-247-4324	<input checked="" type="checkbox"/> ALS <input type="checkbox"/> BLS
Lemhi County Ambulance	Salmon, North Fork (ground)	911	<input checked="" type="checkbox"/> ALS <input type="checkbox"/> BLS
			<input type="checkbox"/> ALS <input type="checkbox"/> BLS

5. Hospitals:							
Hospital Name	Address, Latitude & Longitude if Helipad	Contact Number(s)/Frequency	Travel Time		Trauma Center	Burn Center	Helipad
			Air	Ground			
Steele Memorial	707 Van Dreff, Salmon	208-756-5655	20 min.	1 hr.	<input checked="" type="checkbox"/> Yes Level: 4	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Eastern Idaho Medical Center	3100 Channing Way, Idaho Falls	208-227-2000	45 min.	2.5 hrs.	<input checked="" type="checkbox"/> Yes Level: 2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
St. Patricks	500 W. Broadway, Missoula	800-228-7271	45 min.	2.5 hrs.	<input checked="" type="checkbox"/> Yes Level: 2	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
University of Utah Medical Center	50 N. Medical Dr., SLC	801-581-2121	3 hrs.	5.5 hrs.	<input checked="" type="checkbox"/> Yes Level: 1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Steele Memorial Clinic (walk-in)	805 Main St. Salmon		-	1 hr.	<input checked="" type="checkbox"/> Yes Level: 5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

6. Special Medical Emergency Procedures:
 Report all medical incidents to Cove Creek Communications on command. If the patient is a red/yellow, clear the command channel for emergency traffic. Using the Medical Incident Report (MIR), give required information to Cove Creek Communications including the preferred mode of transportation/extraction and current location. If non-incident medical resources are required, Cove Creek Communications will contact Central Idaho Dispatch to facilitate transportation of the patient.

Check box if aviation assets are utilized for rescue. If assets are used, coordinate with Air Operations.

7. Prepared by (Medical Unit Leader): Name: Dale Pickering	Signature:
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8. Approved by (Safety Officer): Name: Tony Erickson (T)	Signature:
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