

INCIDENT OBJECTIVES	1. Incident Name	2. Date Prepared	3. Time
	Bulldog Mtn. & Mack Mtn.	09/01/21	1900

4. Operational Period
Day Operations: 0700 – 2100 September 2 - 4, 2021

Strategic Framework:
 Implement a full suppression strategy on the Bulldog Mountain and the Mack Mountain fires that protects identified values at risk. Values identified include human life and safety, primary residences, private property, commercial timber values in unharvested units and the protection of resource values of recreation, water and vegetation.

- Management Objectives:
- Implement risk management practices that provide for the safety of firefighters, other responders, and the public as the priority.
 - Protect investments, minimize impacts to private property and other infrastructure.
 - Maintain the existing positive relationships between NW Team 7, the Colville National Forest, Ferry County Emergency Management, affected livestock permittee's, the local Fire District Chief and public by fostering trust and ensuring information is provided in timely manner.
 - Provide for infectious disease control through thoughtful mitigations when appropriate for the safety of the firefighters and the public we serve.
 - Provide Initial Attack response and assist as requested by the Colville National Forest and Northeast Washington Interagency Center.


Operational Period Command Emphasis:

- Control Objectives:
- 1) LIFE is the most important value to be protected. Place the highest emphasis on protecting our responders/firefighters and our public by using sound risk mitigation and management.
 - 2) Keep Bulldog fire north of Deadman Creek community and other private & state lands.
 - 3) Keep fires west of Hwy 395 from further impacting communities, major transportation corridor and commercial timber sales.
 - 4) Keep fires south of identified active timber sales.
 - 5) Keep Bulldog fire east of Bulldog Cabin and Stickpin Fire footprint (2015) and the Mack Mountain Fire east of Forest Service Road 2030 to limit fire size and duration and impacts to recreation infrastructure.

6. Weather Forecast for Period

7. General Safety Message

8. Attachments (mark if attached)					
X	Organization List - ICS 203	X	Medical 206WF - 8 Line		Finance Message
X	Div. Assignment Lists - ICS 204	X	Safety Message	X	Dutch Creek Protocol
X	Communications Plan - ICS 205		LCES – ICS 215A	X	Phone List
X	Medical Plan - ICS 206	X	Weather Forecast		Incident Map(s)
X	Air Operation Summary - ICS 220	X	Fire Behavior	X	Unit Log

Prepared by Planning Section Chief Greg Funderburk	Approved by Incident Commander 
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ORGANIZATION ASSIGNMENT LIST	
1. Incident Name Bulldog Mountain / Mack Mountain	
2. Date Prepared September 1, 2021	3. Time Prepared 1900
4. Operational Period Day September 2-4, 2021 0700 – 2100	
Position	Name
5. Incident Commander and Staff	
Incident Commander	
Deputy	
Safety Officer	
Information Officer	
Liaison	
6. Agency Representatives	
Agency	Name
COF AA	Josh White
COF Agency Rep	Cesar Ramirez
COF READ, REAF	Jake Biar
7. Planning Section	
Chief	
Resource Unit	
Situation Unit	
Demob Unit	
Status Check-in	
IMET	
Fire Behavior	
GIS Specialists	
8. Logistics Section	
Chief	
Facilities	
Base Camp Manager	
Supply Unit	
Info. Technology Spec.	
Receiving Distribution	
Ordering Manager	
Ground Support Unit	
Communications Unit	
Food Unit	
Medical Unit	

9. Operations Section	
OPS Section Chief	
OPS Section Chief (Planning)	
OPS Section Chief (Field)	
Bulldog Mountain / Mack Mountain	
Branch Director	
Division	
Air Operations Branch	
AOB Director (Planning)	
AOB Director (Field)	
Air Attack Supervisor	
ASGS	
10. Finance Section	
Chief	
Time Unit	
Procurement	
Comp/Claims	
Cost Unit	
Prepared by Resource Unit Leader	
Rachel Noonan	



Bulldog Mountain and Mack Mountain Fire Weather Forecast



FORECAST NO: 49
PREDICTION FOR: Operational Period
SHIFT DATE: 9/2/2021 – Day Shift
FORECAST ISSUED: 2000 9/1/2021

NAME OF FIRE: Bulldog and Mack
UNIT: Colville USFS
SIGNED: *Mary P. Wister*, Incident Meteorologist
mary.wister@noaa.gov 541-377-9905

...Cumulus clouds will develop during the afternoon hours today and on Friday...

WEATHER DISCUSSION: The atmosphere will become more stable over the next couple of days, but cumulus clouds will fill up the sky during the afternoon hours. The shading from the cloud cover will keep temperatures mild and the humidity relatively high, especially along ridgetops. Winds will be mostly light at all elevations through Friday with a slight increase in winds on Saturday.

TODAY:

WEATHER: Becoming mostly cloudy. Cumulus clouds.
MAXIMUM TEMPERATURE: 60-65° above 4500 feet. 63-68° valley below 4500 feet.
MINIMUM RELATIVE HUMIDITY: 38-43% above 4500 feet. 30-35% below 4500 feet.
20-FOOT WINDS: North-Northwest 3-7 mph along ridges. Upslope/Upvalley 3-7 mph lower elevations.
INVERSION/STABILITY: Low level inversion lifts around 1000 PDT. Mid level inversion.
CHANCE OF WETTING RAIN (≥ 0.10"): 0%. HAINES INDEX: 3 (Very Low) LAL: 1.

TONIGHT:

WEATHER: Becoming mostly clear.
MINIMUM TEMPERATURE: 45-50° above 4500 feet. 35-40° below 4500 feet.
MAXIMUM RELATIVE HUMIDITY: 53-58% above 4500 feet. 80-90% below 4500 feet.
20-FOOT WINDS: North-Northeast 2-5 mph in the evening becoming light overnight. Downslope/downvalley 2-5 mph lower elevations.
INVERSION/STABILITY: Stable with a low and mid level inversion.
CHANCE OF WETTING RAIN (≥ 0.10"): 0% HAINES INDEX: 3 (Very Low) LAL...1

FRIDAY:

WEATHER: Becoming mostly cloudy. Cumulus clouds and high clouds.
MAXIMUM TEMPERATURE: 63-68° above 4500 feet. 67-71° valley below 4500 feet.
MINIMUM RELATIVE HUMIDITY: 35-40% above 4500 feet. 30-35% below 4500 feet.
20-FOOT WINDS: Light winds becoming South-Southeast 3-5 mph along the ridges. Upslope/upvalley 3-8 mph elsewhere.
INVERSION/STABILITY: Low level inversion lifting around 1100. Stable with a strong mid-level inversion.
CHANCE OF WETTING RAIN (≥ 0.10"): 0%. HAINES INDEX: 3 (Very Low) LAL: 1.

OUTLOOK FOR SATURDAY:

WEATHER: Mostly cloudy. Thick high clouds.
MAXIMUM TEMPERATURE: 58-63° above 4500 feet. 65-70° valley below 4500 feet.
MINIMUM RELATIVE HUMIDITY: 35-40% above 4500 feet. 30-35% below 4500 feet.
20-FOOT WINDS: South-southwest 5-10 mph with gusts 12-15 mph..
INVERSION/STABILITY: Low level inversion lifting around 1100. Stable with a mid-level inversion.
CHANCE OF WETTING RAIN (≥ 0.10"): 0%. HAINES INDEX: 3 (Very Low) LAL: 1.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 13	TYPE OF FIRE: Wildfire
FIRE NAME: Mack Mtn and Bulldog Mtn fires	OPERATIONAL PERIOD: Sept, 2-4, 2021 3-day
DATE ISSUED: 9/1/21	TIME ISSUED: 1900hrs
UNIT: WA-COF	SIGNED: _____ Typed/printed: /s/ Barry Kleckler

Weather Summary

Temps: Low to mid 60s above 4500', mid 60s to low 70s below 4500'
RH: mid to upper 30s above 4500', low to mid 30s below 4500'
Winds: Generally light, mid-flame windspeeds most likely terrain influenced

FIRE BEHAVIOR

GENERAL:

Fuels have been slowly drying out in the last 10 days since rain. Fire activity has been increasing a bit each day, especially on southern aspects where exposed to sun. Monitor the rate of continued drying. Heavy dead fuels; stumps, logs, and snags continue to consume and smolder. Expect fire to creep into available nearby available fuels, and smoldering fire to kindle to flame on sunny days with a little breeze. Recently burned out areas on the south edge of Bulldog Mtn fire will continue to consume. Flare-ups, single and group tree torching are possible with a combination of sun, slope, wind and ladder fuels.

Fine dead fuel moisture (exposed) 6-7%, Probability of ignition (unshaded) will be 50-60%

SPECIFIC:

Bulldog Mtn: South edge was recently burned out. Hand ignition along the road was successful, aerial ignition was spotty. Expect interior pockets to become active and burn together if given the chance to dry a bit more. Some heat remains to the north backing down the hill.

Mack Mtn: Has not shown much for heat recently and perimeter has not shown growth. Still a few smokes and pockets could come to life with a few more days of seasonally warm temperatures.

SAFETY

There are five major common denominators of fire behavior on fatal and near-fatal fires. Such fires often occur:

1. On relatively small fires or deceptively quiet areas of large fires.
2. In relatively light fuels, such as grass, herbs, and light brush.
3. When there is an unexpected shift in wind direction or in wind speed.
4. When fire responds to topographic conditions and runs uphill.
5. Critical burn period between 1400 and 1700.

DIVISION ASSIGNMENT LIST		1. Branch	2. Division/Group				
3. Incident Name Bulldog Mountain / Mack Mountain		4. Operational Period Date: September 2-4, 2021 Time: 0700-2100					
5. Operations Personnel							
Operations Chief		Division/Group Supervisor					
Operations Chief (Plans)		Operations Chief (Field)					
Safety Officer		Air Attack Supervisor					
6. Resources Assigned this Period							
	Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Notes	Tentative Last Work Day		
1.	C-21 HC2 North Pacific Forestry	Jesse Chiprez	20		9/7		
2.							
3.							
4.							
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18.							
19.							
20.							
21.							
22.							
7. Control Operations. Continue to patrol and mop up on direct firelines. Continue to monitor and hold indirect control lines. Continue chipping and road grading on contingency line.							
8. Special Instructions. *Resources swap every two days.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command Repeater	See Comm Plan			Command	See Comm Plan		
TAC				Air To Ground	See Comm Plan		
Prepared by (Resource Unit Leader): Rachel Noonan			Approved by (Planning Section Chief) Greg Funderburk		Date 9/1/2021	Time 2000	

AIR OPERATIONS SUMMARY 220

Prepared By: Ted Hass, AOBD

Prepared Date: 09/1/2021

Prepared Time: 1900

INCIDENT NAME: Bulldog/ Mack Mountain	OPS PERIOD DATE: 09/2-4/2021	START TIME: 0830	END TIME: 2000	SUNRISE: 0610	SUNSET: 1928
Risk Assessment Mitigations, Special Instructions, and Remarks: Assess Risk Daily: Assess visibility , weather, competency , communications, fatigue, etc. – Make informed risk acceptance decisions. SITUATIONAL AWARENESS!!! ALWAYS MONITOR PRIMARY A/G		Helibase Info: Colville Airport: N48°32.65' x W117°53.01' TFR Info: 1/2952 (rectangle) up to 9,500 feet MSL TFR Frequency: 118.2250		See Medical for Hoist Information. Order through NEWICC Dispatch. 509-685-6900 No Hoist Medical Evac call Helibase @ 541-613-1375	
Potential Pre-po Loaners: H-301HP (type 2) 911CV (type 3) 407MC (type 3) Finish the burnout operations on south side of Bulldog Mountain.					

Courtesy Phone Call to NEWICC upon launching aircraft to Bulldog/Mack.

Position	NAME	PHONE #	FREQUENCIES	type	Freq. RX	Freq. TX	FIXED-WING Avail/ Type/ Make-Model/ N#/ AIRTANKERS- order through AA from NE Dispatch
UAO	Chad Runyan	218-343-9317	Air/Air Primary TFR	AM	118.2250	118.2250	
			Air/Air Secondary	AM	123.8250	123.8250	
			Colville NF IA (WA02)	AM	132.175	132.175	
			A/G Primary	FM	172.6125	172.6125	
			A/G Colville IA (AG51)	FM	168.3125	168.3125	
			NEWICC Flight Follow	FM	159.435 (156.7)	151.160 (156.7)	
NEWICC		509-685-6900	VMED28	FM	155.3400	155.3400	
			Air Guard	FM	168.625	168.625 (TONE 110.9)	
							E-Mail ALL Costs and CTRs to:

HELICOPTERS:

FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	REMARKS	FAA N#	TY	MAKE/ MODEL	BASE	AVAIL	REMARKS

INCIDENT RADIO COMMUNICATIONS PLAN I-205		1. INCIDENT NAME		2. DATE/TIME PREPARED		3. OPERATIONAL PERIOD DATE/TIME					
		Bulldog Mountain & Mack Mountain fires		8/31/2021		9/2/2021 - 9/4/2021					
4. BASIC RADIO CHANNEL UTILIZATION											
Ch #	Function	Channel Name	Assignment	RX Freq	N/W	RX Tone/NAC	TX Freq	N/W	TX Tone/NAC	Mode Analog (A) Digital (D) Mixed (M)	Remarks
1	LOCAL RPT	JACKNF-C	LOCAL CMD	172.3750	N	146.2	165.7500	N	156.7	A	LOCATED ON JACKKNIFE MT.
2	LOCAL RPT	MONUTL-C	LOCAL CMD	172.3750	N	146.2	165.7500	N	151.4	A	LOCATED ON MONUMENTAL MT.
3	LOCAL RPT	HORN-C	LOCAL CMD	172.3750	N	146.2	165.7500	N	146.2	A	LOCATED ON HORNS MT.
4	LOCAL RPT	DNR COL	LOCAL CMD	159.4350	N	156.7	151.1600	N	156.7	A	LOCATED ON FLAGTAFF MT.
5	LOCAL RPT	DNR CHEW	LOCAL CMD	159.4500	N	156.7	151.4600	N	156.7	A	LOCATED ON CHEWELAH PK.
6	TACTICAL	RED NET		153.8300	N	0.0	153.8300	N	156.7	A	INTEROP TAC
7	TACTICAL	OSCCR		156.1350	N	0.0	156.1350	N	203.5	A	INTEROP TAC
8	TACTICAL	DNR COM		151.4150	N	103.5	151.4150	N	103.5	A	LOCAL TAC
9	TACTICAL	DNR TAC1		151.3100	N	103.5	151.3100	N	103.5	A	LOCAL TAC
10	TACTICAL	FS TAC		168.2000	N	0.0	168.2000	N	146.2	A	LOCAL TAC
11	LOCAL TAC	COL TAC		167.3750	N	0.0	167.3750	N	146.2	A	LOCAL TAC
12	LOCAL A/G	DNR A/G1	A/G	159.2700	N	103.5	159.2700	N	103.5	A	LOCAL DNR A/G PRIMARY
13	LOCAL A/G	DNR A/G2	A/G	151.2875	N	103.5	151.2875	N	103.5	A	LOCAL DNR A/G SECONDARY
14	LOCAL A/G	A/G 51	A/G	168.3125	N	0.0	168.3125	N	0.0	A	LOCAL A/G PRIMARY
15	LOCAL A/G	A/G 03	A/G	166.6125	N	0.0	166.6125	N	0.0	A	LOCAL A/G SECONDARY
16	AIRGAURD	AIRGAURD	AIRGAURD	168.6250	N	0.0	168.6250	N	110.9	A	EMERGENCY USE
5. Special Instructions:								Northeast Dispatch (509)685-6900.			
6. I-205 Prepared By: Communications Unit Leader					Name:		Seth Baumgarten		Signature: Seth Baumgarten		

LEADER'S INTENT

Leader's intent as defined by the National Wildfire Coordinating Group (NWCG)

Leader's intent is a clear, concise statement about what people must do to succeed in their assignments.

There are 3 components to putting leader's intent into practice.

Task: What is the goal or objective of the assignment?

- This is where the tools hit the dirt, the water hits the ground, and the details come into play.

Purpose: Why the assignment needs to be done.

- Simply stated, it is why you are doing the what! Everyone wants to know the why. This is empowerment at the most basic level.

End State: How the situation should look when the assignment is successfully completed.

- Basically, The finished product. It is what right looks like from the fireline in a specific division, to the control of the fire overall, to the protection of the values at risk and ultimately meeting all the incident objectives set by the agency administrators.

Leader's intent and how it relates to safety

If you have clear leader's intent you should be working within a valid RISK MANAGEMENT DECISION PROCESS that identifies missions with the highest probability for success. No mission is worth the injury of firefighters or the public!

Leader's intent is the responsibility of everyone, from the Agency administrators to the first year ground pounder! Focus everyday on the WHAT, WHY, and HOW



Please scan the QR. Code to access a 12 minute video explaining leader's intent and the importance for every member.

LEADERS AT ALL LEVELS WORK WITH DUTY, RESPECT, AND INTEGRITY

ANDY PALMER-DUTCH CREEK PROTOCOL

UPDATED 8/31/21

LEADER'S INTENT: To establish **approximate** travel times from key areas of the fires to Kettle Falls as well as hospitals in Colville, Spokane, and Seattle, Washington via ground transportation. See Medical Plan (ICS-206) for travel times via air. Not every DP is on this chart.

BULLDOG MTN. / MACK MTN.

Ground Transport Only	Kettle Falls	Mt. Carmel Colville, WA. (Level 4)	Sacred Heart Spokane, WA. (Level 2)	Harborview Seattle, WA. (Level 1) (BurnUnit)
DP-21	30 minutes	45 minutes	2 hr 15 min	5 hr 45 min
DP-57	50 minutes	1 hour	2 hr 30 min	6 hours
DP-55	1 hour	1 hr 15 min	2 hr 45 min	6 hr 15 min
DP-50	45 minutes	1 hour	3 hr 30 min	6 hr 30 min
DP-35 Staging	45 minutes	1 hour	3 hr 30 min	6 hr 30 min
DP-60	1 hour	1 hr 15 min	2hr 45 min	6hr 15 min

Medical Plan ICS-206

Incident/Project Name	Operational Period
Bulldog Mountain Fire	Date/Time September 2nd, 3rd, 4th.

Ambulance Services			
Name	Complete Address	Phone	Advanced Life Support
			Yes No
Stevens CO Ambulance	425 N Hwy 395 Colville, WA	911 / 509-684-8261	X

Air Ambulance Services		
Name	Phone	Type of Aircraft & Capability
WA Air Guard Fairchild AFB	509-685-6900	Hoist/Medical/Transportation
Life Flight Spokane	800-232-0911	Rotor
Spokane County Sheriff R3	509-532-8930	Rotor with hoist
2 Bear Air Rescue Kalispell, MT	406-758-5610 ext 1	Rotor with hoist

Hospitals								
Name/ Address	GPS Datum – WGS 84		Travel Time		Phone	Helipad		Level
	Lat:		Air	Gnd		Yes	No	
Mt Carmel Hospital 982 E. Columbia Ave Colville, WA	Long:	N 48° 32.425' W 117° 53.554'	5 MIN	30 mins	509-685-5100	X		IV
Sacred Heart MC 101 W. 8 th Ave Spokane, WA	Lat:	N 47° 38.955'	30 MIN	1.5 HRS	509-474-3600	X		II
Harborview MC Seattle, WA	Long:	N 47° 36.251' W 122° 19.453'	1.5 HRS		206-744-3000	X		I / Burn Unit

Branch	Division	Group	Radio Designator	Name	Capabilities
Three Rivers Ranger Dist.				EMTF ON ORDER	
DIV M/B					

Prepared By (MEDL)	Date	Reviewed By (Safety)	10. Date
/s/ Bill Howell 253 229 3394	9/1/21	/s\ Eric Brown	9/1/21

Medical Incident Report

In the event of a medical emergency **Call 911 or NEWICC (radio)** and utilize the Medical Incident Report (found on page 118 in the IRPG or the last page of the IAP) to provide information to communications.

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.