

Big Horse/Too Kush 2

Incident Action Plan

Tuesday July 13, 2021

Day Shift 0600-2200



Big Horse


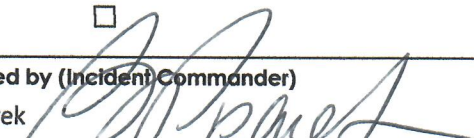
ID-MCS-000497
PN145X(1552)

Too Kush 2

ID-MCS-000404
PNN4J2 (1552)

QR Code for IAP and maps



INCIDENT OBJECTIVES	1. Incident Name Too Kush 2	2. Date July 12, 2021	3. Time 1800
4. Operational Period: 07/13/2021 0600 to 07/13/2021 2000			
<p>5. General Control Objectives for the Incident</p> <ul style="list-style-type: none"> • Provide for firefighter and public safety. All known hazards will be identified and mitigated through the risk management process. • Maintain a work environment that is free from unlawful discrimination, retaliation, and sexual/non-sexual harassment. • Defend structures and infrastructure within the fire area and in the path of the fire. • Effectively manage the costs of the incident by planning strategies and tactics with a high probability of success in meeting objectives. • Mop-up utilizing weather and fuels conditions that will allow the fire to stay within existing control lines. • Initial attack response with in the TFR. • Keep Idaho county emergency services coordinator, county commissioners, and sheriff informed of incident activity and status. 			
<p>5a. Management Objectives</p> <p>In order to protect tribal cultural resources, crop and timber lands, range, primary structures and improvements and critical travel corridors keep fire:</p> <ul style="list-style-type: none"> • East of Middle Fork of the Clearwater River • North of Too Kush Creek • West of Big Horse Canyon Creek • South of Middle Fork of Clearwater River 			
<p>5b. Commander's Intent</p> <p>Provide the highest level of customer service to all involved with, or impacted by, the Too Kush 2 and Big Horse Fires. Ensure transparent, timely and accurate communication at all levels of the incident. All incident assigned personnel should be advised and prepared to take the appropriate actions regarding:</p> <ul style="list-style-type: none"> • Professional behavior and conduct at all times. • Timely and effective communication. • Personal safety and the safety of others includes driving slowly, safely and defensively. • Fatigue management by taking breaks and maintaining appropriate work/rest cycles. • Minimize risk and limit exposure to COVID-19 by following agency and established CDC guidelines. • Effective management of incident costs by planning strategies and tactics toward a high probability of success in meeting incident objectives. • Minimize the spread of exotic species. • Minimize fire impacts to residences, commercial property, critical community infrastructure, natural resources, cultural sites and watersheds. • Maximize protection of the soil, water and cultural resources. 			
6. Weather Forecast & General Safety Message for Period – See Attached			
7. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Weather Forecast	<input checked="" type="checkbox"/> Safety Message	
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Fire Behavior Forecast	<input checked="" type="checkbox"/> Medical Emergency Com Plan	
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> Incident Map	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Air Operations-- ICS 220	<input type="checkbox"/>	
9. Prepared by (Planning Section Chief) Glenn Palmgren 	9. Approved by (Incident Commander) Brian Pisarek 		

INCIDENT RADIO COMMUNICATIONS PLAN		1. Incident Name Too Kush 2		2. Date/ Time Prepared 7/12/2021		3. Operational Period Date/Time 7/13/2021	
4. Basic Radio Channel Utilization Mode: W=Wideband Analog, N=Narrowband Analog, D=Digital, M=Mixed							
Channel	Function	Frequency	Tone	Mode	Assignment	Remarks	
1	Tac 1	RX: 168.4750	141.3		Div Alpha		
		TX: 168.4750	141.3				
2	Tac 2	RX: 167.1000	141.3		Div Bravo		
		TX: 167.1000	141.3				
3	Tac 3	RX: 166.6750	141.3		Div Yankee		
		TX: 166.6750	141.3				
4	Tac 4	RX: 168.0750	141.3		Div Mike		
		TX: 168.0750	141.3				
5	Tac 5	RX: 168.1000	141.3		I/A Only	I/A Only	
		TX: 168.1000	141.3				
6	Woodrat	RX: 159.4500	136.5		All Resources	IDL Repeater	
		TX: 151.3100	100.0				
7	A/G Primary	RX: 167.0625			Incident Air to Ground Tactical use	Tactical A/G	
		TX: 167.0625					
8	A/G Secondary	RX: 151.1450			Secondary use	Only use if assigned	
		TX: 151.1450					
9	IDL Direct 1	RX: 159.2550	114.8		For I/A use only	For I/A use only	
		TX: 159.2550	114.8				
10		RX:					
11		TX:					
12		RX:					
13	NOAH	RX: 162.4500				NWS Weather	
		TX: XXX					
14	VMED	RX: 155.3400	156.7		Medical Mutual Aid / Interop	Use ONLY if assigned	
		TX: 155.3400	156.7				
15	VFIRE	RX: 154.2800	156.7		Fire Mutual Aid / Interop	Use ONLY if assigned	
		TX: 154.2800	156.7				
16	Air Guard	RX: 168.6250	110.9		Air Guard- Aviation Emergencies		
		TX: 168.6250	110.9				

5. Prepared by (Communications Unit)

Rick Johnson, COML

Spot Forecast for Too Kush 2
National Weather Service Missoula MT
234 PM MDT Mon Jul 12 2021

Forecast is based on forecast start time of 1300 MDT on July 12.
If conditions become unrepresentative...contact the National Weather Service.

.DISCUSSION...Smoke in the area will keep temperatures slightly cooler than originally forecast, though not by much. Given the proximity to the river and the elevation of the fire, have increased humidity in the forecast slightly from surrounding observations near the fire. That being said: hot and dry should be expected. A weak weather system Tuesday could cause a very minor chance at an isolated thunderstorm, though most storms will occur east of the fire's location.

.REST OF TODAY...

- * Sky/Weather.....Sunny. Smoke.
- * CWR (> 0.10 Inch)...0 percent.
- * LAL.....1.
- * Max Temperature....95-100.
- * Min Humidity.....17-23 percent.
- * Wind (20 ft).....Variable 2-4 mph.
- * Mixing Height.....6000 ft agl.
- * Mixing Winds.....North 5 mph.
- * Haines Index.....5 moderate.
- * Precip Amount.....0.00 inches.

.TONIGHT...

- * Sky/Weather.....Mostly clear. Smoke.
- * CWR (> 0.10 Inch)...0 percent.
- * LAL.....1.
- * Min Temperature....59-64.
- * Max Humidity.....63-68 percent.
- * Wind (20 ft).....West around 5 mph in the evening becoming variable 1-3 mph.
- * Mixing Height.....6000 ft agl decreasing to less than 100 ft agl after sunset.
- * Mixing Winds.....West 5 mph.
- * Precip Amount.....0.00 inches.

.TUESDAY...

- * Sky/Weather.....Sunny. Smoke.
- * CWR (> 0.10 Inch)...0 percent.
- * LAL.....1.
- * Max Temperature....95-100.
- * Min Humidity.....16-21 percent.
- * Wind (20 ft).....Variable 1-3 mph becoming northwest around 5 mph in the afternoon.
- * Mixing Height.....Less than 100 ft agl increasing to 9000 ft agl in the afternoon.
- * Mixing Winds.....West 5 mph.
- * Haines Index.....4 low.
- * Precip Amount.....0.00 inches.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 1	INCIDENT TYPE: Wildfire
FIRE NAME: Too Kush 2	OPERATIONAL PERIOD: July 13, 2021 0600-2000
DATE ISSUED: July 12, 2021	TIME ISSUED: 1900
UNIT: ID-MCS	PREPARED BY: Mike Bowden FBAN

INPUTS

WEATHER SUMMARY:

See detailed Fire Weather Forecast in IAP for more specifics

Temp: Maximum 95-100. Minimum in the low 60s.

RH: Min. 16%. Max. 50%

Wind: Variable 1-3 mph becoming NW around 5 mph in the afternoon.

FUELS & FUEL MOISTURE: The fire is burning in three predominant fuel types, short grass, Ponderosa Pine with grass understory, and Douglas fir stands with light dead and down. The fuels are very dry.

ERC: 74 – Extreme

1000 HR: 9%

100 HR: 6%

OUTPUTS - FIRE BEHAVIOR

GENERAL:

The inversion and resulting light winds will moderate fire behavior. Expect interior pockets of fuel to continue to burn out with surface head fire. Expect flame lengths of 2 to 5 feet. Rates of spread in timbered areas will be slow. Torching trees near the line could result in short range spotting.

SPECIFIC:

DIVS Y – Timber in drainages will continual to burn out pockets and remaining fuels with creeping and smoldering. Expect mainly smoldering in areas of Ponderosa Pine.

DIVS M – Smoldering and creeping fire is expected in areas close to the line that have not been mopped up.

DIVS B – The burn out operation yesterday will result in significant heat adjacent to the line. Pockets of interior areas will burn out and can result in individual or small group torching. Pay attention to where the column associated with this activity is traveling as it could result in ember generation and potential for spotting across the fireline.

DIVS A (Big Horse Fire) – Fuels interior or not sufficiently mopped up with continue to smolder.

Initial Attack – Initial attack on new starts or spots into open grass fuels will be challenging with high rates of spread. Direct attack with dozers and engine will be effective as head fire flame lengths will be around 5 feet. New starts in Ponderosa Pine stands with grass understory will also be challenging. Moderate rates of spread of ¼ to ½ mile per hour and head fire flame lengths of 5 to 7 feet will occur. Expect some torching and spotting to occur. Direct attack on rear and flanks will be most effective. In timbered stands dominated by Douglas Fire, new starts will exhibit low rates of spread and surface fire flame lengths of 3 to 5 feet. Intermittent torching and spotting is expected in this fuel type.

AIR OPERATIONS: The inversion will limit use of aircraft for most, if not all, of the day.

SAFETY: Be aware of snags in areas recently burned out. Be sure to establish strong anchor points and LCES during any initial attack operations.

****Base all action on current and expected fire behavior****

Safety Message

Incident:
Big Horse/Too Kush 2

Date:
7/13/2021

Shift:
Day/Night



You are about 60% water! The brain and heart are composed of 73% water, the lungs are about 83%, the skin is 64%, muscles and kidneys are 79%, and even your bones are 31% water.

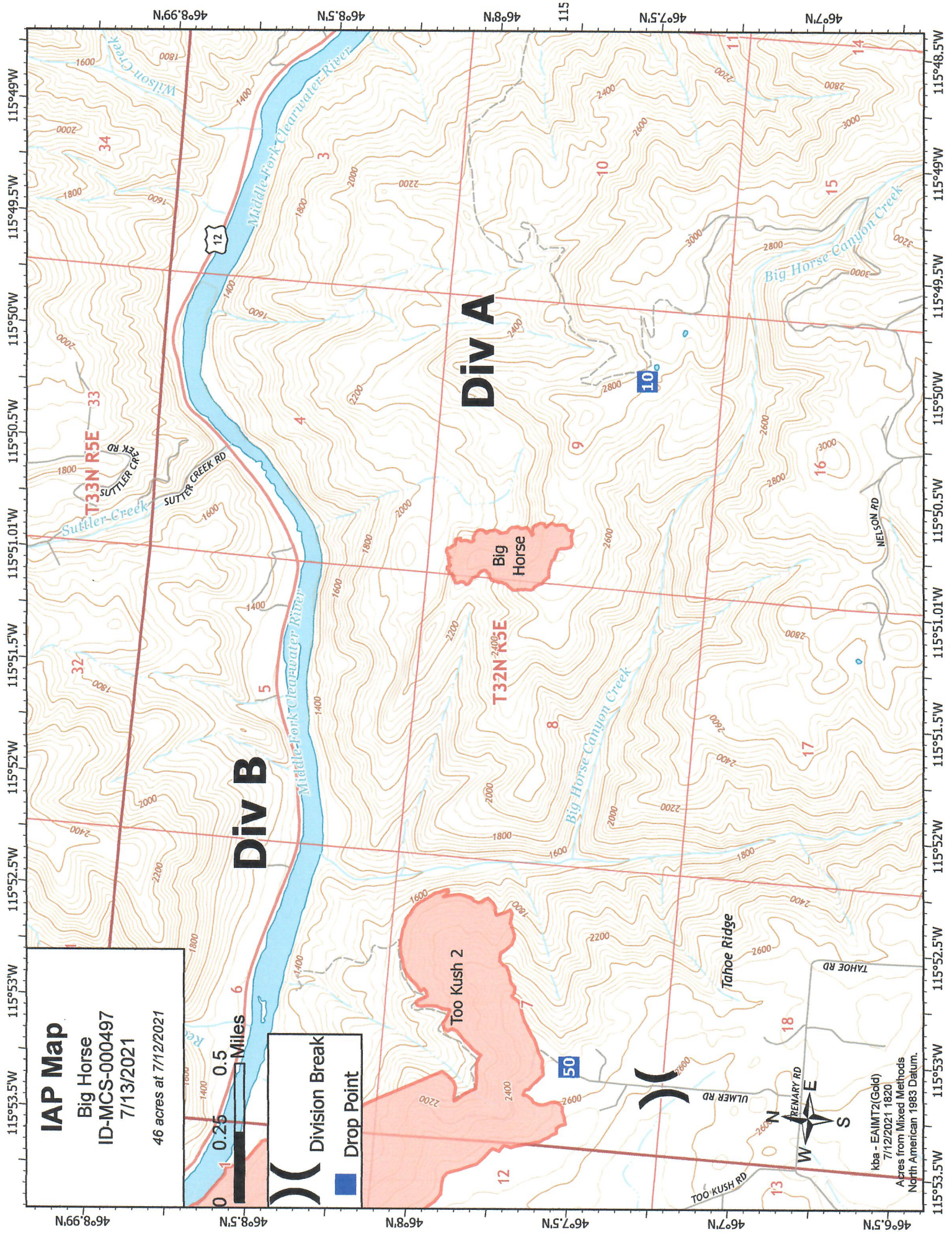
Dehydration is the result of the body trying to regulate its temperature naturally through sweating. Maintaining body fluids is essential for sweating. You must hydrate before, during, and after work.

- Studies conducted on wildland firefighters indicate that during fire suppression activities firefighters need to drink a minimum of one quart of fluid each hour of work.
- Before work, you should take extra fluids to prepare for the heat. Drink one or two cups of water, juice, or a sports drink before work.
- While working, drink at least one quart of fluid per hour. Drink as much as you can during the lunch break. Water is your greatest need during work in the heat.
- Hyponatremia (abnormally low concentration of sodium in the blood) as a result of excessive water intake is a potentially life-threatening complication. It can be prevented when hydration is enhanced by electrolytes, through fluids or food containing sodium and potassium.
- After work, it is important to continue drinking to replace fluid losses. Thirst always underestimates fluid needs, so you should drink more than you think you need.
- Unacclimatized workers lose more salt in the heat, so they need to pay particular attention to salt replacement.
- Don't overdo salt intake. Excessive salt can impair temperature regulation and cause stomach distress, fatigue, and other problems.
- You can assess your hydration by observing the volume, color, and concentration of your urine. Low volumes of dark, concentrated urine or painful urination indicate a serious need for rehydration. Other signs of dehydration include a rapid heart rate, weakness, excessive fatigue, and dizziness.
- Rapid loss of several pounds of body weight is a certain sign of dehydration. Rehydrate before returning to work; working in a dehydrated state can lead to serious consequences, including heat stroke, muscle breakdown, and kidney failure.

See these links for further information regarding hydration & heat stress in the wildland fire environment:

- Hydration (blog): <https://wildfirelessons.blog/2020/07/21/the-ins-and-outs-of-hydration/>
- Heat Stress (blog): <https://wildfirelessons.blog/2020/06/12/heat-stress-its-not-just-about-drinking-water/>


EA Gold Team Safety Group: Terry Trapp (SOF2), Kurt Schierenbeck (SOF2), Mike Rice (SOF2t)




IAP Map

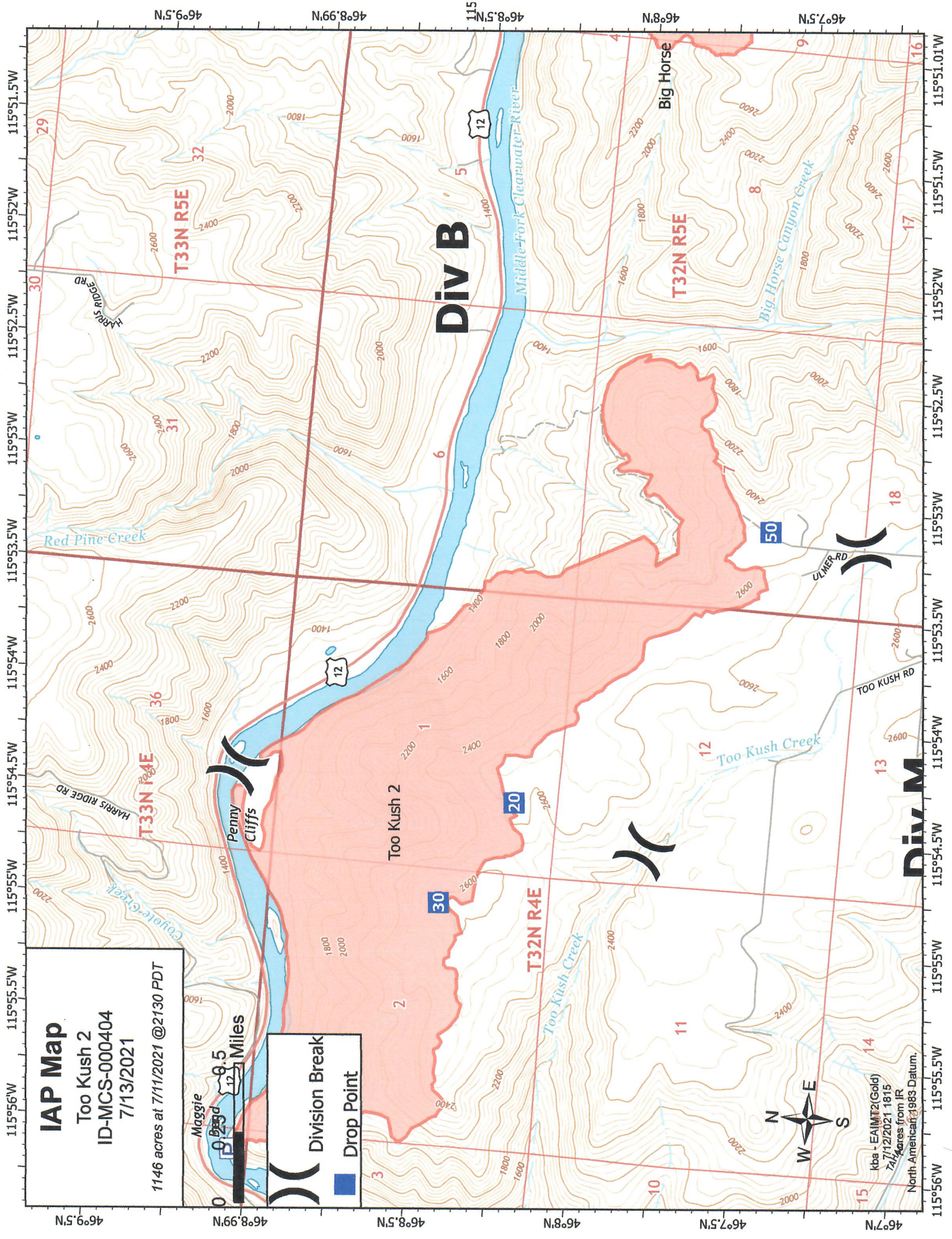
Big Horse
ID-MCS-000497
7/13/2021
46 acres at 7/12/2021



 Division Break

 Drop Point

kba - EAIMT2(Gold)
7/12/2021 1820
Acres from Mixed Methods
North American 1988 Datum.



IAP Map

Too Kush 2
 ID-MCS-000404
 7/13/2021

1146 acres at 7/11/2021 @2130 PDT

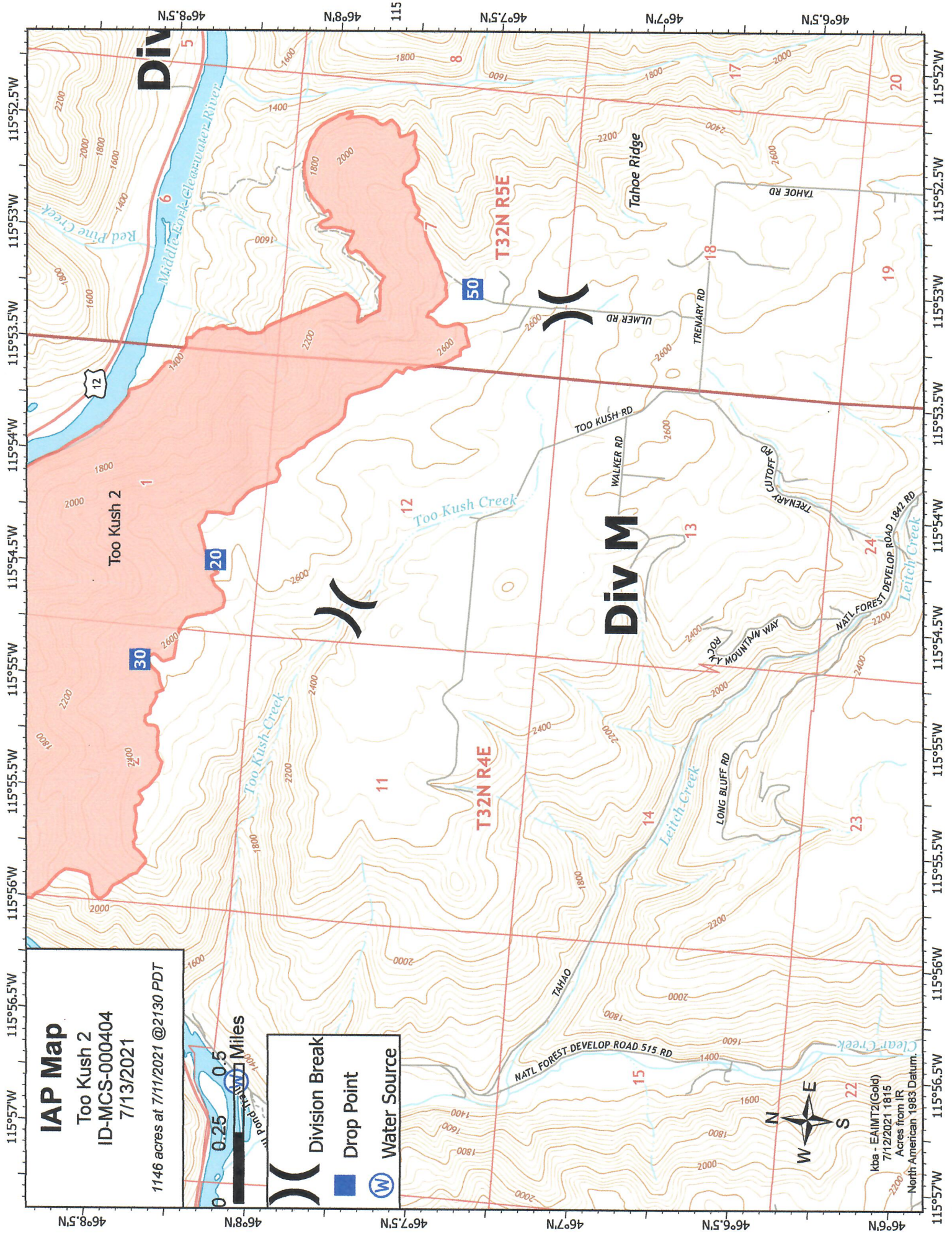


Division Break

Drop Point



(kba - EA)MT2(Gold)
 7/12/2021 1815
 741 Acres from IR
 North American 1983 Datum.






IAP Map

Too Kush 2
 ID-MCS-000404
 7/13/2021

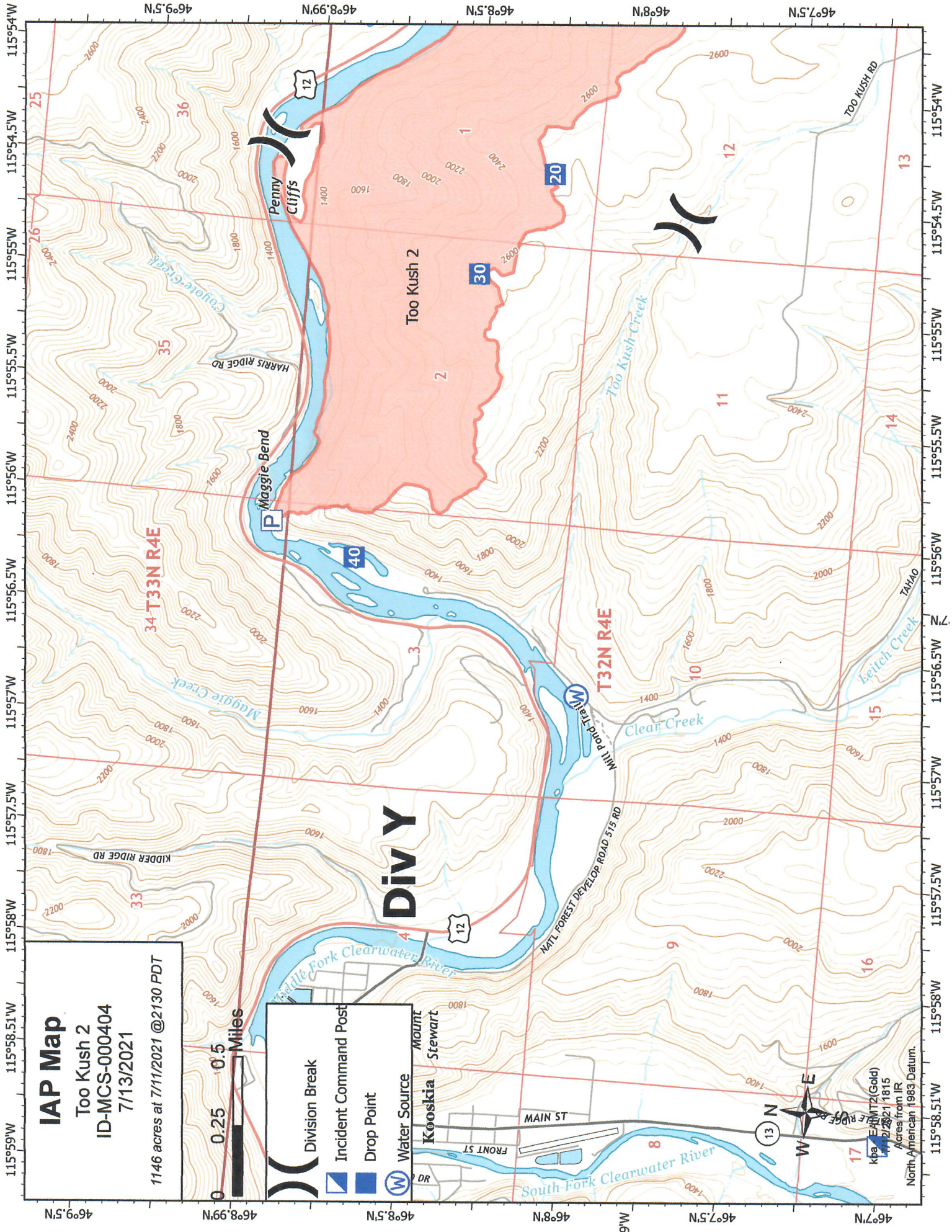
1146 acres at 7/11/2021 @2130 PDT



-  Division Break
-  Drop Point
-  Water Source



kba - EAIMT2(Gold)
 7/12/2021 1815
 Acres from IR
 North American 1983 Datum.



IAP Map

Too Kush 2
 ID-MCS-000404
 7/13/2021

1146 acres at 7/11/2021 @2130 PDT



-  Division Break
-  Incident Command Post
-  Drop Point
-  Water Source

Mount
 Kooskia
 Stewart



Map by EARTH2(Gold)
 7/28/21 1815
 Acres from IR
 North American 1983 Datum.

MEDICAL PLAN (ICS 206)

1. Incident Name: Too Kush2 Fire	2. Operational Period: Date From: 7/13/21 Time From: ALL	Date To: TBD Time To: TBD
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3. Medical Aid Stations:

Name	Location	Contact Number(s)/Frequency	Paramedics on Site?
ICP Medical Unit	Clearwater Valley Jr./Sr. High School 4643 Highway 13, Kooskia, ID 83539	Contact ICP/Comms	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

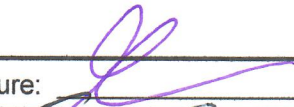
4. Transportation:


Ambulance Service	Location	Contact Number(s)/Frequency	Level of Service
Kooskia EMS	401 Front Street, Kooskia, Id	911	<input type="checkbox"/> ALS <input checked="" type="checkbox"/> BLS
Kamiah Fire Rescue	575 Main Street, Kamiah Id	911	<input type="checkbox"/> ALS <input checked="" type="checkbox"/> BLS
			<input type="checkbox"/> ALS <input type="checkbox"/> BLS
			<input type="checkbox"/> ALS <input type="checkbox"/> BLS

5. Hospitals:

Hospital Name	Address	Contact Number(s)	Distance	Trauma Center	Burn Center	Helipad
Syringa Hospital Grangeville	607 West Main St Grangeville ID	208-983-1700	26 miles	<input type="checkbox"/> Yes Level: _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
St. Joseph Regional Medical Center	415 6th Street Lewiston, Id	208 742 2511	74 miles	<input checked="" type="checkbox"/> Yes Level: <u>3</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Providence St Patrick Medical Center	500 W Broadway Missoula, Mt	406-543-7271	146 mile	<input checked="" type="checkbox"/> Yes Level: <u>2</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Harborview Medical Center	325 9th Ave Seattle Wa	206-744-5735	385 miles	<input type="checkbox"/> Yes Level: <u>1</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

6. Special Medical Emergency Procedures:
 For medical emergency contact Grangeville Interagency Dispatch Center on command repeater and follow 8 line protocols (back page IAP or page 118 IRPG)

7. Prepared by (Medical Unit Leader): Name: Gene-Paul Matson MEDL _____ Signature: 

8. Approved by (Safety Officer): Name: Terry Trapp SOF2 _____ Signature: 

ICS 206	IAP Page _____	Date/Time: 7/12/2021 14:00
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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° - 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 <i>(Ex: Unconscious, Struck by Falling Tree)</i>
Transport Request		Air Ambulance / Short Haul/Hoist Ground Ambulance / Other
Patient Location		Descriptive Location & Lat. / Long. (WGS84)
Incident Name		Geographic Name + "Medical" <i>(Ex: Trout Meadow Medical)</i>
On-Scene Incident Commander		Name of on-scene IC of Incident within an Incident <i>(Ex: TFLD Jones)</i>
Patient Care		Name of Care Provider <i>(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.