

# Morgan Canyon Fire

UT-UWF-000303

P4N255 (0419)

Incident Map



Logistics Order Form



CTR's



**IAP for June 26, 2021**

Spot Forecast for Morgan Fire  
National Weather Service Salt Lake City UT  
626 PM MDT Fri Jun 25 2021

.DISCUSSION...A ridge of very strong high pressure will continue to build across the Pacific Northwest through this weekend and essentially stay in place through Tuesday. Even after the ridge weakens, strong high pressure will remain in place across the Great Basin through the end of next week. Since our region will reside on the southern end of the high, northerly surface winds will be favored each day, especially in the afternoons. These winds will be most prominent on ridges. In terms of temperatures, they will gradually warm 1-3 degrees each day through the end of next week. Humidity will also slowly decrease each day through Tuesday then level off through the remainder of the week. Some afternoon cumulus buildup is possible on Saturday, but there will likely be not enough moisture to support shower activity. No cumulus buildup is expected Sunday or Monday. Moisture will begin to return from the south on Tuesday, resulting in afternoon cumulus buildup by then, along with a slight increase in humidity. Enough moisture may be present Wednesday-Friday to support an isolated afternoon shower or thunderstorm.

.SATURDAY...

Sky/weather.....Sunny (10-20 percent cloud cover).  
Chance of pcpn.....10 percent.  
CWR.....0 percent.  
LAL.....1.  
Max temperature.....72-74.  
Min humidity.....30-32%.  
Wind (20 ft).....North winds 6-10 mph becoming 12-15 mph in the  
  afternoon. Gusts to 20 mph on ridgetops.  
Haines Index.....2 ..very low.

.SATURDAY NIGHT...

Sky/weather.....Mostly clear (5-15 percent cloud cover).  
Chance of pcpn.....0 percent.  
CWR.....0 percent.  
LAL.....1.  
Min temperature.....57-59.  
Max humidity.....47-49%.  
Wind (20 ft).....North winds 13-15 mph becoming 5-9 mph around 2100  
  then becoming downslope/downvalley 4-8 mph around  
0500.  
Haines Index.....2 ..very low.

Spot Forecast for Morgan Fire  
National Weather Service Salt Lake City UT  
626 PM MDT Fri Jun 25 2021

.SUNDAY...

Sky/weather.....Sunny (0-10 percent cloud cover).  
Chance of pcpn.....0 percent.  
CWR.....0 percent.  
LAL.....1.  
Max temperature.....76-78.  
Min humidity.....25-27%.  
Wind (20 ft).....Downslope/downvalley 4-8 mph becoming northeast 6-10  
mph with gusts to 16 mph. around 1100.  
Haines Index.....3 ..very low.

.FORECAST DAYS 3 THROUGH 5...

.MONDAY...

Mostly clear. Lows in the lower 60s. Highs in the upper 70s. East  
winds around 11 mph.

.TUESDAY...

Mostly clear. Lows around 60. Highs around 80. East winds around  
9 mph.

.WEDNESDAY...

Mostly clear. Lows in the lower 60s. Highs in the lower 80s.  
Southeast winds around 9 mph.

Forecaster...ADeSmet

## INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b> Morgan Canyon	<b>2. Operational Period:</b> Date From: 6/26/2021    Date To: 6/26/2021 Time From: 0600    Time To: 2200															
<b>3. Objective(s):</b> <ol style="list-style-type: none"> <li>1. Provide for Firefighter and Public safety. Prioritize tactics that promote firefighter safety and favorable ground.</li> <li>2. Coordinate any mechanized equipment or other prohibited equipment in the Deseret Peak Wilderness Area with the Forest Service Agency Administrator.                         <ul style="list-style-type: none"> <li>- Track wilderness intrusions and report to the Resource Advisor.</li> </ul> </li> <li>3. Contain fire to the East of the Stansbury ridge west of Stansbury trail, and North of the BLM service boundary.</li> <li>4. Utilize natural barriers to keep fire at the higher elevation before lighter fuels become receptive in order to reduce firefighter exposure and fire containment duration.</li> <li>5. Maintain integrity and containment of crash site.</li> <li>6. Maintained an inclusive and harassment free work environment.</li> <li>7. Covid Guidelines- If not vaccinated, follow CDC guidelines for indoor and outdoor protocols.</li> </ol>																
<b>8. Operational Period Command Emphasis:</b>																
General Situational Awareness  Due to current extreme drought conditions, expect to see extreme fire behavior in all fuel types.  Forecasting of HIGH LAL's review page 21 in your IRPG on Thunderstorm Safety																
<b>5. Site Safety Plan Required?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Approved Site Safety Plan(s) Located at:</b>																
<b>6. Incident Action Plan</b> (the items checked below are included in this Incident Action Plan) <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;"><input checked="" type="checkbox"/> ICS 203</td> <td style="width: 33%;"><input type="checkbox"/> ICS 207</td> <td style="width: 34%;"><u>Other Attachments:</u></td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 204</td> <td><input type="checkbox"/> ICS 208</td> <td><input type="checkbox"/> _____</td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 205</td> <td><input checked="" type="checkbox"/> Map/Chart</td> <td><input type="checkbox"/> _____</td> </tr> <tr> <td><input type="checkbox"/> ICS 205A</td> <td><input checked="" type="checkbox"/> Weather Forecast/Tides/Currents</td> <td><input type="checkbox"/> _____</td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 206</td> <td></td> <td><input type="checkbox"/> _____</td> </tr> </table>		<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 207	<u>Other Attachments:</u>	<input checked="" type="checkbox"/> ICS 204	<input type="checkbox"/> ICS 208	<input type="checkbox"/> _____	<input checked="" type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Map/Chart	<input type="checkbox"/> _____	<input type="checkbox"/> ICS 205A	<input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/> _____	<input checked="" type="checkbox"/> ICS 206		<input type="checkbox"/> _____
<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 207	<u>Other Attachments:</u>														
<input checked="" type="checkbox"/> ICS 204	<input type="checkbox"/> ICS 208	<input type="checkbox"/> _____														
<input checked="" type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Map/Chart	<input type="checkbox"/> _____														
<input type="checkbox"/> ICS 205A	<input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/> _____														
<input checked="" type="checkbox"/> ICS 206		<input type="checkbox"/> _____														
<b>7. Prepared by:</b> Name: <u>Tiffany Martineau</u> Position/Title: <u>PSC3(t)</u> Signature: <u>Tiffany Martineau</u>																
<b>8. Approved by Incident Commander:</b> Name: <u>Erik Haberstick</u> Signature: <u>Erik Haberstick</u>																
ICS 202	IAP Page _____															
Date/Time: 06/25/21 2000																

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b> Morgan Canyon		<b>2. Operational Period:</b> Date From: 06/26/2021 Date To: 06/26/2021 Time From: 0600 Time To: 2200		
<b>3. Incident Commander(s) and Command Staff:</b>		<b>7. Operations Section:</b>		
IC/UCs	Erik Haberstick	Chief	John Hill	Field Ops
	Mike Doherty (t)	Deputy	Scott Robison	Planning Ops
Deputy		Staging Area		
Safety Officer	Don Fullmer	<b>Branch</b>		
Public Info. Officer	Toby Weed	Branch Director		
Liaison Officer		Deputy		
<b>4. Agency/Organization Representatives:</b>		Division/Group	DIV N	Unstaffed
Agency/Organization	Name	Division/Group		
USDA Forest Service	Bekee Hotze	Division/Group		
READ FS	Marshall Alford	Division/Group		
READ BLM	Dylan Tucker	Division/Group		
READ BLM	Brandon Neff	<b>Branch</b>		
READ BLM	Pam Shuller	Branch Director		
		Deputy		
<b>5. Planning Section:</b>		Division/Group	DIV Q	Dave Marcella
Chief	Sarah Flinders	Division/Group		TJ Reeder(t)
Deputy	Tiffany Martineau (t)	Division/Group		Guy Wilson
Resources Unit		Division/Group		Andy Buyers(t)
Situation Unit		Division/Group		
Documentation Unit		<b>Branch</b>		
Demobilization Unit		Branch Director		
Technical Specialists	Jennifer Biggs IT	Deputy		
GISS	Justin Johnson (t)	Division/Group	DIV S	John Hill
		Division/Group		
		Division/Group		
		Division/Group		
		Division/Group		
<b>6. Logistics Section:</b>		Division/Group		
Chief	Murl Rawlins	Division/Group		
Deputy	Scott Zeidler	<b>Air Operations Branch</b>		
<b>Support Branch</b>		Air Ops Branch Dir.		
Base Camp Manager				
Base Camp Manager				
Facilities Unit		<b>8. Finance/Administration Section:</b>		
Ground Support Unit	Copeland Anderson	Chief	Robyn Fitzgerald	
<b>Service Branch</b>		Deputy	Shauna Haws (t)	
Director		Time Unit	Nicole Dennison (t)	
Communications Unit	Lloyd Evans	Procurement Unit		
Medical Unit		Comp/Claims Unit		
Food Unit		Cost Unit		
<b>7. Prepared by:</b> Name: Tiffany Martineau Position/Title: PSC3(t) Signature: <i>Tiffany Martineau</i>				
ICS 203	IAP Page _____	Date/Time: 06/25/2021		

### ASSIGNMENT LIST (ICS 204)

<b>10. Incident Name:</b> Morgan Canyon	<b>2. Operational Period:</b> Date From: 6/26/2021      Date To: 6/26/2021 Time From: 0600      Time To: 2200	<b>3.</b> <b>Branch:</b> <b>Division: N</b> <b>Group:</b> <b>Staging Area:</b>																																																							
<b>4. Operations Personnel:</b> <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Name</td> <td style="border: none;">Contact Number(s)</td> </tr> <tr> <td style="border: none;">Operations Section Chief: John Hill</td> <td style="border: none;">707-498-6267</td> </tr> <tr> <td colspan="2" style="border: none;">Branch Director: _____</td> </tr> <tr> <td colspan="2" style="border: none;">Division/Group Supervisor: _____</td> </tr> </table>		Name	Contact Number(s)	Operations Section Chief: John Hill	707-498-6267	Branch Director: _____		Division/Group Supervisor: _____																																																	
Name	Contact Number(s)																																																								
Operations Section Chief: John Hill	707-498-6267																																																								
Branch Director: _____																																																									
Division/Group Supervisor: _____																																																									
<b>5. Resources Assigned:</b> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 20%;">Resource Identifier</th> <th style="width: 20%;">Leader</th> <th style="width: 10%;"># of Persons</th> <th style="width: 40%;">Contact (e.g., phone, pager, radio frequency, etc.)</th> <th style="width: 20%;">Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information																																																		
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information																																																					
<b>6. Work Assignments:</b>																																																									
<b>7. Special Instructions:</b>																																																									
<b>8. Communications</b> (radio and/or phone contact numbers needed for this assignment): <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Name/Function</td> <td style="border: none;">Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</td> </tr> <tr> <td style="border: none;">_____ / _____</td> <td style="border: none;">_____</td> </tr> <tr> <td style="border: none;">_____ / _____</td> <td style="border: none;">_____</td> </tr> <tr> <td style="border: none;">_____ / _____</td> <td style="border: none;">_____</td> </tr> <tr> <td style="border: none;">_____ / _____</td> <td style="border: none;">_____</td> </tr> </table>			Name/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)	_____ / _____	_____	_____ / _____	_____	_____ / _____	_____	_____ / _____	_____																																													
Name/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)																																																								
_____ / _____	_____																																																								
_____ / _____	_____																																																								
_____ / _____	_____																																																								
_____ / _____	_____																																																								
<b>9. Prepared by:</b> Name: <u>Tiffany Martineau</u> Position/Title: <u>PSC3(t)</u> Signature:																																																									
ICS 204	IAP Page _____	Date/Time: <u>06/25/2021</u>																																																							

# ASSIGNMENT LIST (ICS 204)

<b>1. Incident Name:</b> Morgan Canyon		<b>2. Operational Period:</b> Date From: 6/26/2021      Date To: 6/26/2021 Time From: 0600              Time To: 2200		<b>3.</b> Branch: _____ Division: Q Group: _____ Staging Area: _____
<b>4. Operations Personnel:</b> Name _____ Contact Number(s) _____ Operations Section Chief: John Hill 707-498-6267 Branch Director: _____ Division/Group Supervisor: _____				
<b>5. Resources Assigned:</b>			Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information	
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	
T4 ENG 464 Weber	Workman	4	8013901508	ICP-0600 NTE 7/5
Marcella, Dave		1	435-640-8205	
Reeder, TJ		1	435-760-6088	
Wilson, Guy		1	801-360-0802	
Buyers, Andy		1	801-230-4816	
Pumpkin		1		
<b>6. Work Assignments:</b> Continue back hall operations on division Q, and support other divisions as requested.				
<b>7. Special Instructions:</b>				
<b>8. Communications</b> (radio and/or phone contact numbers needed for this assignment): Name/Function _____ Primary Contact: indicate cell, pager, or radio (frequency/system/channel) _____ _____/_____ _____ _____/_____ _____ _____/_____ _____ _____/_____ _____				
<b>9. Prepared by:</b> Name: Tiffany Martineau      Position/Title: PSC3(t)      Signature: <u>Tiffany Martineau</u> ICS 204      IAP Page _____      Date/Time: 06/25/2021				

## ASSIGNMENT LIST (ICS 204)

<b>11. Incident Name:</b> Morgan Canyon		<b>2. Operational Period:</b> Date From: 6/26/2021      Date To: 6/26/2021 Time From: 0600                      Time To: 2200		<b>3.</b> <b>Branch:</b>  <b>Division:</b> S  <b>Group:</b>  <b>Staging Area:</b>
<b>4. Operations Personnel:</b> <u>Name</u>			<u>Contact Number(s)</u>	
Operations Section Chief: <u>John Hill</u>			<u>707-498-6267</u>	
Branch Director: _____				
Division/Group Supervisor: _____				
<b>5. Resources Assigned:</b>				
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
T1 Silver State IHC	Kelly	20	775-230-1003	ICP-0600 NTE 6/29
Wasatch Helitack Squad	Frazier	6	434-284-2299	
<b>6. Work Assignments:</b> Continue to cold trail, mop up, and reinforce control lines as needed. Utilize aviation resources as appropriate.				
<b>7. Special Instructions:</b> Perform fire line repair in areas where appropriate; per Forest Service repair plan.				
<b>8. Communications</b> (radio and/or phone contact numbers needed for this assignment):				
Name/Function		Primary Contact: indicate cell, pager, or radio (frequency/system/channel)		
_____ / _____		_____		
_____ / _____		_____		
_____ / _____		_____		
_____ / _____		_____		
<b>9. Prepared by:</b> Name: <u>Tiffany Martineau</u> Position/Title: <u>PSC3(t)</u> Signature: <u>Tiffany Martineau</u>				
ICS 204	IAP Page _____	Date/Time: <u>06/25/2021</u>		



## Rehab Standards For USFS System Lands

### • General/ For all Divisions:

- 
- Remove all evidence of human activity including garbage, flagging, and signs once no longer needed
- Scatter brush and woody debris back over the area (where appropriate).
- Block access to non-system roads/paths/trails with native materials, fencing if previously used, or rock, use which ever method best fits the individual situation.
- Re-string any damaged/cut fence properly by splicing with a fence stretcher
- Repair any gates damaged during access or operations.
- **HANDLINES:**
  - Redistribute berms, slash piles, and windrows within the fire line clearing limits.
  - Install hand constructed water bars according to guidelines.
  - Ensure last crew down the fire line reconstructs and mitigates any trampled water bars.
  - Access to hand lines should be camouflaged after the fire. Use techniques that help maintain a natural appearance: rocks, downed trees, and brush in order to discourage further use by the public. Do not use dirt berms.
  - Woody debris, if applicable will be distributed across fire line similar to the density of the surrounding area vegetation.
  - Certain soil types and habitats may not need to be reseeded and some line may be desirable for future fire suppression efforts. (Note: the IMT will not be here to re-seed. This will fall to the host unit.)

### • Div N

- **Water-Bar Development and Guidelines**
  - Use water bars only when necessary to prevent erosion or use woody material to act as sediment dams. Water bars should only be used on steep slopes and only when necessary. Average angle to direction of the handline should be 30 to 45 degree angle.
    - Height of water bars should average 6 to 10 inches.
    - Cut water bars into the ground rather than embank them.
    - Water bars should direct surface runoff away from the burn area.
    - Assure down slope end of water bar is open and has adequate length to allow free flow of surface water off the fire line.
    - Logs can be incorporated into the water bars as long as they are embedded or anchored in a trench.

Fire line Slope (Percent)	Maximum Distance Apart (Feet)
1 to 6	300
7 to 9	200
10 to 14	150
15 to 20	90
21 to 40	50
41 to Greater	25

For Wilderness, use similar guidelines as identified under hand lines above. In addition the following guidelines shall be used:

1. Rehab small diameter material (3" to 12") using standard techniques – hide cut ends, drag material away from ridgeline and face cut ends away from ridgeline. Larger material can be treated in this way if it is safely movable.
2. As general rule don't rehab beyond 200' off the suppression lines when on ridgelines where steep terrain and poor footing can make suppression repair unsafe. Some slope orientations provide minimal gain from an aesthetic

- standpoint. Safety concern – footing is very poor on the steeper side slopes. When in question don't go there. **3.** At locations where there are large concentrations of large diameter material (12" to 36"+) consider a combination of slant cuts, Pulaski/axe treatment of edges, followed by a deep charring of the cut ends by introducing fire to the cut surfaces. It is anticipated that this will require extensive long term 'stoking' of the fire to achieve a deep char that has some semblance of a natural appearance. Use dry cut rounds as a fuel source along with available slash.
- 4.** Rehab fires may be used providing they are kept relatively small. In general keep the fire within 4' -6' in diameter. Multiple fires are okay as long as the crew can safely manage them. Recommend slinging in water and bladder bags as added safety measure. Fires must be positioned within hard black or on a non-vegetated site with attention to slopes where logs may be prone to rolling. Recommend 15' of fuel free zone around fires or a distance as deemed safe by the crew boss. Minimize the number of fires. Consolidate piles where possible. Fires close to spiked areas may be stoked overnight as needed. Other fires will be extinguished at the end of each work day.
- 5.** Some large rounds can be rolled off the ridge and out of sight however the preference would be to hide completely or burn. Do this at the end of the project and only if other rehab methods have been tried and only if safety is the priority concern.
- 6.** As a general rule flush cut stumps. If it isn't reasonable to flush cut stumps due to extreme butt swell or rocky, uneven ground around the stump, use bevel or slant cuts, chopping, "fuzzing" and/or charring with fire if using fire for blackline or piles. Crosshatching of stumps is less effective in this environment; and apply a patina of dirt to cut faces.
- 7.** Distribute slash back into corridors at similar density to surrounding ground-cover when blocking access to suppression lines at rehab conclusion (thereby avoiding the creation of new trails. Use the rule of thumb for public use "out of site out of mind"... if they see a path, they WILL walk it. Lop and scatter methods of distributing slash and cut vegetation often won't work in narrow drainages so these locations are appropriate for the above options in pile burning.
- 8.** Re-seed high impact areas with a seed mix in areas with a topsoil component if needed for hand line or pile burn areas.

- **Div Q**

- Roads, including those on private land utilized for access received traffic from heavy equipment vehicles; care was taken to not drive these roads in wet weather and no repairs were identified.
- c. Private properties improved for structure protection will have all flagging/markers removed and the defensible space improvement will be the turn-back standard.

- **Div S**

- Dozer line located on BLM in Division Q / S will be repaired during the incident, request the appropriate mechanized equipment to complete the repair work.. Dozer line will be pulled back and deterrents will be placed within 200 feet of each end of the line to deter establishment of new routes. The standard for turn-back is full repair of the line in concurrence with this plan to be checked off by a READ/REAF in Collector but seed will be spread in Fall 2021 by local BLM resources

# INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

<b>1. Incident Name:</b> Morgan Canyon		<b>2. Date/Time Prepared:</b> Date: 06/25/21 1700 Time:		<b>3. Operational Period:</b> Date From: 06/26/21 Date To: 06/26/21 Time From: 0700 Time To: 0700							
<b>4. Basic Radio Channel Use:</b>											
Zone Grp.	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Mode (A, D, or M)	Remarks	
	1	COMMAND	COMMAND 1	ALL	173.775 00	N/A	164.937 50	100.0	A	MOBILE REPEATER	
	2	OPERATIONS	TAC 1	DIV N	168.050 00	N/A	168.050 00	N/A	A		
	3	OPERATIONS	TAC 2	DIV S	168.200 00	N/A	168.200 00	N/A	A		
	4	OPERATIONS	TAC 3	DIV Q	168.600 00	N/A	168.600 00	N/A	A		
	5	AIR TO GROUND	A/G 1	PRIMARY	166.612 50	N/A	166.612 50	N/A	A		
	6	AIR TO GROUND	A/G 2	Secondary	168.400 00	N/A	168.400 00	N/A	A		
	7	MEDIVAC	VMED 28	PRIMARY	155.340 00	N/A	155.340 00	156.7	A	LOCAL LIFE FLIGHT	
	8	MEDIVAC	VMED 29	Secondary	155.347 50	N/A	155.347 50	156.7	A	LOCAL LIFE FLIGHT	
<b>5. Special Instructions:</b>						DUE TO GEOGRAPHICAL FEATURES RADIO RELAY MAY BE NECESSARY TO UTILIZE TAC FREQUENCIES TO REACH ICP.					
<b>6. Prepared by (Communications Unit Leader):</b> Name: LLOYD EVANS						Signature: _____					
ICS 205						Date/Time: 06/25/21 1700					
IAP Page _____											

# AIR OPERATIONS SUMMARY (ICS 220)

<b>10. Incident Name:</b> Morgan Canyon	<b>2. Operational Period:</b> Date From: 6/26/2021      Date To: 6/26/2021 Time From: 0600                      Time To: 2200		<b>3. Sunrise:</b> 0601	<b>Sunset:</b> 2104
<b>4. Remarks</b> (safety notes, hazards, air operations special equipment, etc.):	<b>5. Ready Alert Aircraft:</b> Medivac:		<b>6. Temporary Flight Restriction Number:</b> Altitude: Center Point:	
	New Incident:		9. Fixed-Wing (category/kind/type, make/model, N#, base): Air Tactical Group Supervisor Aircraft:	
<b>7. Personnel:</b>	<b>8. Frequencies:</b>	Rx	Tx	
Air Operations Branch Director	Air/Air Primary	132.2000	132.2000	
Air Support Group Supervisor	Air/Air TFR	127.9000	127.9000	
Air Tactical Group Supervisor	Air/Ground			
Helicopter Coordinator	Command			Other Fixed-Wing Aircraft:
Helibase Manager	Deck Coordinator			
	Take-Off & Landing Coordinator			
	Air Guard			
<b>10. Helicopters</b> (use additional sheets as necessary):				
FAA N#	Category/Kind/Type	Make/Model	Base	Available
6MW	1	Kmax	TVY	0900
7PJ	3	Bell 407	Morgan Canyon	0900
Mudd Flatz ABRO				
<b>11. Prepared by: Name:</b> _____			<b>Signature:</b> _____	
<b>ICS 220, Page 1</b>			<b>Date/Time:</b> 6/25/2021	





## SAFETY MESSAGE

*Fire fighter safety comes first on every fire, every time*



### SAFETY THOUGHT

**Drive like your life depends on it – because it does!**

Head on collisions are the most violent type of vehicle accidents. Have your headlights on to be better seen by approaching vehicles. Read the road ahead. Reduce speed. Drive to the right. Drive off the road if necessary.

### MAJOR HAZARDS AND MITIGATIONS

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Dehydration - Drink lots of water with electrolytes</li> <li>• Spot fires, unburned fuel - Ensure LCES is in place</li> <li>• Rocky, rough terrain--falls/slips</li> <li>• Thunderstorms/Lightning hazard - Shelter, keep dry</li> </ul> | <ul style="list-style-type: none"> <li>• Driving-- Lights on, clean windshield/glare seatbelts, chock blocks, wash boarding, watch for livestock/wildlife on roads, <u>appropriate speeds</u>. Expect the unexpected – Drive Defensively</li> </ul> |
|---|---|

## Our Preeminent Goal

# Everyone Returns Home Safely

Firefighter safety is everyone's #1 priority – yours, the incident team's, and for those who care about you back home.

As this incident winds down, we start thinking about the next assignment or getting back home. It's easy to have our focus distracted and become complacent to the risks we have faced daily since arriving or even the risks we face in heading down the road from here.

### THE RISKS ARE STILL THERE!

We're still operating in an environment with mixed use and mountain roads; uneven, slippery footing; rattlesnakes; thunderstorms; available, drying fuels; and a whole host of additional hazards. Many will be driving longer distances today or soon as they travel home or to a new assignment.

We still need to apply our full attention to what is going on around us (situational awareness), the tasks at hand, and effective communications.

Our safety standards – LCES, Standard Firefighting Orders, Watch Out Situations, Defensive Driving training, and standard task safety practices (e.g., Health and Safety Handbook direction) are designed to keep us safe in **ALL** phases of an incident.

### KEEP FOCUSED

**BE AWARE OF THE RISKS AROUND YOU  
CONSCIENTIOUSLY FOLLOW STANDARDS**

*Help your co-workers remain focused on safety as well*

*– Graciously give and receive constructive advice on improving safe work practices.*

Don Fullmer, Safety Officer

## INCIDENT SAFETY ANALYSIS (215a)

INCIDENT NAME <b>MORGAN CANYON</b>		DATE & TIME 06/23/2020 20:00	PREPARED BY Don Fullmer, Safety Officer	OPERATIONAL PERIOD Day Shift 06/24/21 and future until revised
DIV	HAZARDS/RISKS	MITIGATIONS		
All	<b>Driving &amp; Traffic</b> Narrow, winding roads; visibility; distractions; backing; other traffic; steep grades; traction.	Practice "Defensive Driving" techniques at all times (expect unexpected). Use Driving LCES (headlights, Chock blocks, Emergency brake, Seat belts). Use spotters/honk when backing. Observe posted speed limits and appropriate speeds for conditions. 3 second plus following distance (plus for gravel/dirt roads, dust, heavy equipment traffic, etc.). Avoid distractions (eating, radio, phones). Clear windshields, windows, mirrors, and light covers. Expect sun glare in morning/evening. Recon on foot/use spotters for rough sections of roads/trails to avoid obstacles/hazards. Use appropriate vehicles for adverse conditions (e.g., 4X4, UTVs).		
All	<b>Wildlife/Livestock</b> livestock; rattlesnakes; bees & wasps; ticks & disease trans.	Watch for livestock along roadways especially in mornings and evenings. Be alert for rattlesnakes – avoid and pass word along. Look for ticks crawling on clothing and check body after shift. Canvas crewmembers for any with known bee/wasp allergic reactions. Ensure crew members have medication pens if needed provide Benadryl in advance in case. Provide Advanced Life Support, use multi-dose epi, and airway protection if shock develops.		
All	<b>Communications</b>	Maintain communications with all field going personnel (report dead spots/challenges occurring in field); utilize radio checks to ensure equipment operability and inter-function; ensure all know frequency and protocol for contacting resources (ICS-205).		
All	<b>Terrain</b> Slips/trips/falls; Uneven ground; steep slopes; loose rocks and soil.	Be cognizant of uneven terrain. Watch footing; yell warnings for kicked loose, rolling materials; PPE appropriate footwear & hand protection; appropriate personnel spacing (8-10 feet when working & walking); proper tool carrying and tossing if falling. Utilize terrain features to increase probabilities of success. Be aware of travel times to safety zones and adjust escape routes & safety zones as necessary.		
All	<b>Fatigue</b>	Allow adequate time to rest – at least 2:1 work:rest. Additional rest time if crew condition, work, heat or other conditions indicate it is needed.		
All	<b>Safety Zones &amp; Escape Routes</b>	Ensure safety zone accessibility and adequacy. Ensure safety zones and escape routes are identified and communicated to all. Be aware of travel times to safety zones and adjust escape routes & safety zones as necessary. Refer to IRPG pgs 7-8.		
All	<b>Strong/Changing Winds</b>	Wind increases or changes in direction can cause rapid changes to fire behavior in the light, flashy fuels prevalent on the fire. Be prepared for strong downslope & thunder cell outflow winds. Anticipate rapid rates of spread in planning realistic escape routes & safety zones.		
All	<b>Thunderstorms</b>	Take precautions as soon as you see lightning or hear thunder; take shelter and do not resume work in exposed areas until 30 minutes after storm activity has passed. Take shelter in a vehicle or building. If such shelter is unavailable, follow precautions given in IRPG pg 21. For an explanation of forecast Lightning Activity Level (LAL) see IRPG pg 69.		
All	<b>Unplanned Public Interaction</b>	Be alert to non-fire personnel in areas with suppression personnel including livestock operators. Post lookouts in areas with public to avoid conflict with mission tasks.		
All	<b>Aviation Resource Use</b>	Follow "Aviation Watch-Out Situations" (IRPG page 44). Don't plan exclusively on air resources for medical transport or resupply. Visibility may be impaired. Have a backup plan. Refer to IRPG for directing bucket drops (IRPG page 57). Ensure positive communication with all air resources. Keep personnel out of drop zones. Use clear concise statements when directing aircraft. Use clock directions from pilot's perspective.		
All	<b>Chainsaw Use &amp; Hazard Trees</b>	Exercise situational awareness of where cut material will go/possible associated reactions. Only operate chainsaws within current qualifications and expertise. Employ all appropriate PPE for sawyers and swamper. Use lookouts/spotters as needed. Follow "Procedural Felling Operations" on IRPG pg 79. On hazard trees deemed to be unsafe to cut, flag off and designate a "No Work Zone". Follow hazard tree safety guidelines on IRPG pgs 22-23.		
All	<b>Heavy Equipment Operations</b>	Ensure any operations are captured in IAP; if not, that they are communicated over appropriate frequency for the division. Ensure situational awareness of crews – Do not approach working equipment, make eye contact with operator if working in same area.		
All	<b>Chippers</b>	Ensure all personnel are briefed on safe working practices and required PPE – use JHA. Ensure equipment is inspected and safe to use with a trained/certified operator feeding the chipper (only one at a time). Follow Manufacturer's recommendations for machine safety, operation, and maintenance. Make sure manufacturer's safety devices and guards are in place, functional, and checked at least daily. Check to ensure that embedded rocks and long branches that could snag personnel are removed before feeding material into chipper. Never walk in front of the discharge chute when the machine is running.		
All	<b>Injury &amp; Medical Emergency</b>	Assist injured employee with appropriate medical care: Follow Medical Incident Report and medical protocol as outlined in ICS-206 and IRPG pgs 105-119.		
All	<b>Hand &amp; Aerial Firing Operations</b> Burns from fuel spill; entrapment from rapid fire behavior change; unintended/undesirable operational results	Use only qualified personnel trained in the use of each firing device. Ensure all firing equipment is in proper working order. Wear all required and appropriate PPE. Move out of burn area to re-fuel. Ensure ignition plans have been adequately developed with clear results-based criteria for continuation, use "test area" ignitions prior to full operational implementation. Ensure personnel are briefed including any and all personnel that may be affected by burning operations. Take into account firing operations in identification of appropriate trigger points, Escape Routes and Safety Zones – ensure these are clearly communicated with crews prior to operations – Maintain LCES.		

All	<b>Spiking Out</b> Food/water/sewage borne illness; fire; medical emergency; wild animals; exposure	Use treated/bottled water for drinking/cooking. Wash/sanitize hands before cooking/serving/eating. Wash any raw foods. Provide sanitary facilities for number of people in camp >200 feet away and gray water disposal pit >50 feet away from any water source. Locate spike location away from wildfire – ID and clearly communicate Escape Routes and Safety Zones. No smoking in tents. Clear fuels well away from fire rings. Provide first aid supplies sufficient to size and expected duration of camp. Pre-identify medical evacuation sites and ensure support needs. Maintain good food storage and waste disposal practices – no food in tents/sleeping areas. Ensure personnel have appropriate clothing, sleeping bags, and tents/shelters for forecast weather conditions.
All	<b>Other Risks Encountered</b>	Use risk management process to: 1 identify hazards, 2 assess hazards (potential probability and severity), 3 develop mitigation measures, 4 implement mitigation measures, and 5 re-analyze as the situation and risks change and for efficacy of mitigation measures. PUT LIFE FIRST – STOP, THINK, TALK THEN ACT TO HELP ELIMINATE UNNECESSARY RISK EXPOSURE.



# MEDICAL PLAN (ICS 206 WF)

Controlled Unclassified Information//Basic

<b>1. Incident/Project Name</b>		<b>2. Operational Period</b>					
Morgan Canyon Fire		Date/Time 06/26/2021 Day Shift					
<b>3. Ambulance Services</b>							
<b>Name</b>	<b>Complete Address</b>	<b>Phone &amp; EMS Frequency</b>		<b>Advanced Life Support (ALS)</b> Yes      No			
Mountain West Ambulance (staged at helibase)	2055 N. Main Street, Toole, UT 84074 435-843-3600	911		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>		
<b>4. Air Ambulance Services</b>							
<b>Name</b>	<b>Phone</b>	<b>Type of Aircraft &amp; Capability</b>					
Life Flight	801-321-3330	Short haul capable Hoist capable					
Air Med	801-581-2222	Internal Load only					
<b>5. Hospitals</b>							
<b>Name</b> <b>Complete Address</b>	<b>GPS Datum – WGS 84</b> <b>Coordinate Standard</b> <b>Degrees Decimal Minutes</b> DD° MM.MMM' N - Lat DD° MM.MMM' W - Long	<b>Travel Time</b>	<b>Air</b>	<b>Gnd</b>	<b>Phone</b>	<b>Helipad</b> Yes    No	<b>Level of Care Facility</b>
University of Utah Medical 50 N Medical Drive, SLC UT 84112	Lat: 40° 46.21'	20	65	801-581-2991	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Burn Center Trauma Level 1
	Long: 111° 50.15'						
	VHF:						
Mountain West Hospital 2055 North Main Street, Toole, UT 84074	Lat: 40° 33.57'	5	15	435-843-3600 (emergency room 435-843-3601)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trauma Level 4
	Long: 112° 17.49'						
	VHF:						
Click or tap here to enter text.	Lat: Click or tap here to enter text.				<input type="checkbox"/>	<input type="checkbox"/>	
	Long:						
	VHF:						
Click or tap here to enter text.	Lat:				<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
	Long: Click or tap here to enter text.						
	VHF:						
<b>6. Division   Branch   Group</b>		<b>Area Location Capability</b>					
Click or tap here to enter text.		<b>EMS Responders &amp; Capability:</b>		Click or tap here to enter text.			
		<b>Equipment Available on Scene:</b>					
		<b>Medical Emergency Channel:</b>					
		<b>ETA for Ambulance to Scene:</b>					
		<b>Air:</b>					
		<b>Ground:</b>					
		<b>Approved Helispot:</b>					
		<b>Lat:</b>					
<b>Long:</b>							
Click or tap here to enter text.		<b>EMS Responders &amp; Capability:</b>		Click or tap here to enter text.			
		<b>Equipment Available on Scene:</b>					
		<b>Medical Emergency Channel:</b>					
		<b>ETA for Ambulance to Scene:</b>					
		<b>Air:</b>					
		<b>Ground:</b>					
		<b>Approved Helispot:</b>					
		<b>Lat:</b>					
<b>Long:</b>							

# MEDICAL PLAN (ICS 206 WF)

Controlled Unclassified Information//Basic

7. Name & Location	Remote Camp Location(s)		
Click or tap here to enter text.	<b>Point of Contact:</b>		
	<b>EMS Responders &amp; Capability:</b>		
	<b>Equipment Available on Scene:</b>		
	<b>Medical Emergency Channel:</b>		
	<b>ETA for Ambulance to Scene:</b>		
	<b>Air:</b>		
	<b>Ground:</b>		
	<b>Approved Helispot:</b>		
	<b>Lat:</b>		
	<b>Long:</b>		
	<b>Point of Contact:</b>		
	<b>EMS Responders &amp; Capability:</b>		
	<b>Equipment Available on Scene:</b>		
	<b>Medical Emergency Channel:</b>		
<b>ETA for Ambulance to Scene:</b>			
<b>Air:</b>			
<b>Ground:</b>			
<b>Approved Helispot:</b>			
<b>Lat:</b>			
<b>Long:</b>			
<b>8. Prepared By (Medical Unit Leader)</b>	<b>9. Date/Time</b>	<b>10. Reviewed By (Safety Officer)</b>	<b>11. Date/Time</b>
Don Fullmer (Safety Officer)	06/23/2021 2000	Don Fullmer	06/23/2021 2000

Medical Incident Report (MIR) “Incident within an Incident” Protocol:

1. At no time during the incident/fatality or evacuation process will the name of the victim(s), tail number, engine number, crew name, or other individual identifying information be transmitted. No information regarding the accident or fatality will be released to the public without IC approval. Use of cameras, cell phones, and other social network devices for personal use are forbidden at an emergency injury/accident incident without IC authorization.
2. At the scene of any incident an initial Point of Contact (POC) will be determined or designated by chain of command. The intent is to use the highest on-scene qualified/experienced person as the initial POC. The POC will:
  - Take charge of the scene and determine who oversees assessing/treating the patient.
  - Follow MIR Protocol and the Medical Plan (ICS 206 WF) to relay critical information regarding patient assessment, transportation, and resource needs.
  - Coordinate transportation and other resources based on patient assessment.

Similarly, the highest on-scene medically qualified/experienced person will assume initial patient assessment/treatment. The POC and the person assessing/treating the patient should not be the same person - patient care is the highest priority.

3. The severity of the medical injury or illness will be determined initially for every incident and clearly stated at the onset of initial communications:
  - RED/PRIORITY 1 - Life or limb threatening injury or illness. Evacuation need is IMMEDIATE
  - YELLOW/PRIORITY 2 - Serious injury or illness. Evacuation may be DELAYED if necessary.
  - GREEN/PRIORITY 3 - Minor injury or illness. Non-Emergency transport.

If in doubt, report the more severe priority for the incident (err on the side of caution).

4. For a non-emergency incident (Green), the on-the-ground module supervisor will be the POC and work through the chain of command to report and transport injured personnel as necessary. Non-MIR communications on the Command Channel will **not** be suspended. The IC, Safety, and Medical will be informed and kept current on patient condition, status, and any transport actions. The MIR will be utilized to document the incident but do **not** need to be communicated in full via radio.
5. For emergency incidents (Red or Yellow), initial and all subsequent communications will go directly through Dispatch on the Command Channel and Dispatch will suspend all Non-MIR communications until emergency traffic has concluded. The MIR will be utilized to communicate incident specifics to Dispatch and to document the incident. The Medical Plan (ICS 206 WF) will be implemented. Operations will go directly to the incident scene (or identify an appropriate Operations designee) along with Safety and medically qualified personnel at assist with POC and patient assessment/treatment. Typically, higher qualified/experienced arriving medical personnel will assume the lead in patient assessment/treatment, but medical personnel should work together and ensure that any transfer of lead responsibilities is in the best interests of patient care. POC responsibilities may transition to higher qualified/experienced arriving personnel if warranted but should be minimized to prevent confusion in communications (only if it is prudent for effective management and in the best interest of the immediate medical needs). Any transition should be clearly communicated through Dispatch.

**Please see the IRPG p.114 for Injury Procedures**

# 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

- RED / PRIORITY 1 Life or limb threatening injury or illness. Evacuation need is IMMEDIATE**  
*Ex: Unconscious, difficulty breathing, bleeding severely, 2<sup>o</sup> - 3<sup>o</sup> burns more than 4 palm sizes, heat stroke, disoriented.*
- YELLOW / PRIORITY 2 Serious Injury or illness. Evacuation may be DELAYED if necessary.**  
*Ex: Significant trauma, unable to walk, 2<sup>o</sup> - 3<sup>o</sup> burns not more than 1-3 palm sizes.*
- GREEN / PRIORITY 3 Minor Injury or illness. Non-Emergency transport**  
*Ex: Sprains, strains, minor heat-related illness.*

Nature of Injury or Illness & Mechanism of Injury

Brief Summary of Injury or Illness  
*(Ex: Unconscious, Struck by Falling Tree)*

Transport Request

Air Ambulance / Short Haul/Hoist  
Ground Ambulance / Other

Patient Location

Descriptive Location & Lat. / Long.  
*(WGS84)*

Incident Name

Geographic Name + "Medical"  
*(Ex: Trout Meadow Medical)*

On-Scene Incident Commander

Name of on-scene IC of Incident within an Incident  
*(Ex: TFLD Jones)*

Patient Care

Name of Care Provider  
*(Ex: EMT Smith)*

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

Patient Assessment: 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, Extraction*

**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	Command 1	173.7750	N/A	164.9375	100.0
AIR-TO-GRND	A/G 1	166.6125	N/A	166.6125	N/A
TACTICAL	Tac 1 All Divisions	168.0500	N/A	168.0500	N/A

**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.

# ACTIVITY LOG (ICS 214)

1. Incident Name: \_\_\_\_\_

2. Operational Period: Date From: \_\_\_\_\_

Date To: \_\_\_\_\_

Time From: 0600

Time To: 2200

7. Activity Log (continuation):

Date/Time

Notable Activities

8. Prepared by: Name: \_\_\_\_\_

Position/Title: \_\_\_\_\_

Signature: \_\_\_\_\_

ICS 214, Page 2

Date/Time: \_\_\_\_\_