

ORIGINAL



Anderson Hill

Fire Number PNN51B

Incident Number (MT-SWS-001022)

INCIDENT COMMANDER Erik Newell

OPERATIONS Matt Croswait

SAFTEY Scott Schuster



Operational Period

Friday July 23,2021 0600-2200

Spot Forecast for Anderson Hill
National Weather Service Missoula MT
952 PM MDT Thu Jul 22 2021

Forecast is based on forecast start time of 2200 MDT on July 22.
If conditions become unrepresentative...contact the National Weather
Service.

.DISCUSSION...

Very dry and warm conditions will continue the next several days.
Westerly winds will be breezy on Friday afternoon with a decrease
in speeds for Saturday. Mid-slopes will see poor overnight Rh
recoveries with better recoveries in valley bottoms.

.REST OF TONIGHT...

- * Sky/Weather.....Mostly clear.
- * CWR (> 0.10 Inch)...0 percent.
- * LAL.....1.
- * Min Temperature....46-51.
- * Max Humidity.....Ridges: 30-35 percent. Valleys: 70-75
percent.
- * Wind (20 ft).....West 5-11 mph becoming variable 2-4 mph
after midnight.
- * Mixing Height.....7500 ft agl decreasing to less than 100 ft
agl after sunset.
- * Mixing Winds.....West 10 mph.
- * Precip Amount.....0.00 inches.

.FRIDAY...

- * Sky/Weather.....Mostly sunny.
- * CWR (> 0.10 Inch)...0 percent.
- * LAL.....1.
- * Max Temperature....71-76.
- * Min Humidity.....15-20 percent.
- * Wind (20 ft).....Variable 2-4 mph becoming west 5-14 mph by
afternoon with gusts to around 20 mph on ridgetops.
- * Mixing Height.....Less than 100 ft agl increasing to 7500 ft
agl in the afternoon.
- * Mixing Winds.....West 15 mph.
- * Haines Index.....3 very low.
- * Precip Amount.....0.00 inches.

.FRIDAY NIGHT...

- * Sky/Weather.....Clear.
- * CWR (> 0.10 Inch)...0 percent.
- * LAL.....1.
- * Min Temperature....47-52.
- * Max Humidity.....Ridges: 30-35 percent. Valleys: 70-75
percent.
- * Wind (20 ft).....Northwest 5-15 mph in the evening becoming
variable 2-4 mph after sunset.
- * Mixing Height.....7500 ft agl decreasing to less than 100 ft
agl after sunset.
- * Mixing Winds.....West 15 mph.

* Precip Amount.....0.00 inches.

.SATURDAY...

* Sky/Weather.....Sunny.

* CWR (> 0.10 Inch)...0 percent.

* LAL.....1.

* Max Temperature.....75-80.

* Min Humidity.....15-20 percent.

* Wind (20 ft).....Variable 1-3 mph becoming upslope/upvalley
4-6 mph by late morning.


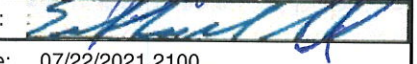
* Mixing Height.....Less than 100 ft agl increasing to 6500 ft
agl in the afternoon.

* Mixing Winds.....West 5 mph.

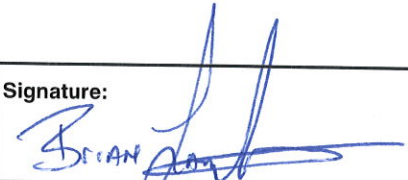
* Haines Index.....4 low.

* Precip Amount.....0.00 inches.

INCIDENT OBJECTIVES (ICS 202)

| | | |
|--|---|---|
| 1. Incident Name: | 2. Operational Period: 0600-2200 | |
| ANDERSON HILL | Date/Time From: 07/23/2021 0600 FRI | Date/Time To: 07/23/2021 2200 FRI |
| 3. Objective(s): | | |
| <p>Firefighter and public safety are priority over all other incident objectives and incident requirements.</p> <p>All operational strategies and tactics should consider associated risk to firefighter/ public safety and utilize the option(s) that have the highest probability of success combined with the least safety risk.</p> <p>Manage risk to responders by ensuring hazards are identified, assessed and where possible mitigated. Accept residual risk when value threatened warrant it and/or the probability of achieving objectives is high.</p> <p>Take necessary precautions to protect nearby private lands and structures and minimize threat to public safety in coordination with responsible protection and jurisdictional agencies.</p> <p>Protect cultural values, namely the Garnet Ghost Town Historic Site as well as other historic mining features in the area.</p> <p>Protect natural values including the Elk Creek and Deep Creek watersheds, and Threatened and Endangered species habitat (grizzly bear, Canada lynx, bull trout, Howell's Gum-weed)</p> <p>Keep the fire south of Centennial road, east of Garnet Ghost Town, North of Deep Gulch road, and west of Reynold's City.</p> | | |
| 4. Operational Period Command Emphasis: | | |
| <p>Ensure open communication with local agencies, landowners, and the public to ensure timely and accurate dissemination of fire information. Minimize impacts from suppression activities on cultural resource sites.</p> <p>Minimize or mitigate threats to known cultural resources and utilize trained Resource Advisors/ Archaeologists to avoid sensitive areas when safe to do so.</p> | | |
| General Situational Awareness: | | |
| <p>Suppression and support resource availability is severely constrained due to multiple major incidents in multiple geographic areas. Support resource availability may prevent suppression actions from successful completion.</p> <p>Grizzly bears and black bears are present in the area. All food and attractants must be stored in buildings or vehicles. Absolutely no food can be allowed in tents. Maintain clean camps, staging areas, and other frequented parts of the fire.</p> | | |
| 5. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | | |
| Approved Site Safety Plan(s) Located | | |
| 6. Incident Action Plan (the items checked below are included in this Incident Action Plan): | | |
| <input checked="" type="checkbox"/> ICS 202 <input checked="" type="checkbox"/> ICS 203 <input checked="" type="checkbox"/> ICS 204 <input checked="" type="checkbox"/> ICS 205 <input type="checkbox"/> ICS 205A <input checked="" type="checkbox"/> ICS 206 | <input type="checkbox"/> ICS 207 <input type="checkbox"/> ICS 208 <input checked="" type="checkbox"/> ICS 220 <input checked="" type="checkbox"/> Map/Chart <input checked="" type="checkbox"/> Weather Forecast/Tides/Currents | Other Attachments: <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ |
| 7. Prepared by: BRIAN LAMPHEAR | Position/Title: PSC3 | Signature:  |
| 8. Approved by Incident Commander: | Name: ERIK NEWELL | Signature:  |
| ICS 202 | IAP Page | Date/Time: 07/22/2021 2100 |

ORGANIZATION ASSIGNMENT LIST (ICS 203)

| | | | |
|--|---|---|--------------------------------------|
| 1. Incident Name: | | 2. Operational Period: 0600-2200 | |
| ANDERSON HILL | | Date/Time From: 07/23/2021 0600 FRI | Date/Time To: 07/23/2021 2200 FRI |
| 3. Incident Commander(s) and Command Staff: | | | |
| IC/UC | ERIK NEWELL | | |
| DEPUTY | KELLY HARPER | | |
| SAFETY OFFICER | SCOTT, SCHUSTER | | |
| 4. Agency/Organization Representatives: | | | |
| Agency/Organization | Name | | |
| 5. Planning Section: | | | |
| CHIEF | BRIAN LAMPHEAR | | |
| DEPUTY | TERRI MATTHEWS (T) | | |
| SITUATION UNIT | OWENS, RAEHEL F (T) | | |
| 6. Logistics Section: | | | |
| CHIEF | SCOTTY MASON | | |
| DEPUTY | KELSEY WHITE (T) | | |
| GROUND SUPPORT UNIT | GAPPERT, DWIGHT | | |
| MEDICAL UNIT | ISENBERG, ANDREW MCDONAGH, PENELOPE A (T) | | |
| 7. Operations Section: | | | |
| OPS SECTION CHIEF | MATT CROSSWAIT | | |
| DIVISION/GROUP | A | JB CLAY | |
| DIVISION/GROUP | O | PINA III, SCOTTIE | |
| DIVISION/GROUP | R | JACOB KEOGH | |
| DIVISION/GROUP | Z | RYAN ELLIOTT | |
| 7b. Air Operations Branch: | | | |
| AIR OPS BRANCH DIRECTOR | MARK INGRAM | | |
| AIR ATTACK SUPERVISOR | | | |
| AIR SUPPORT SUPERVISOR | | | |
| HELICOPTER COORDINATOR | | | |
| AIR TANKER COORDINATOR | | | |
| 8. Finance/Administration Section: | | | |
| CHIEF | CONNIE LANG | | |
| TIME UNIT | TAMRA MARTINEZ | | |
| TIME UNIT | MARK DURHAM (T) | | |
| PROCUREMENT UNIT | THOMAS LAUHLIN | | |
| 9. Prepared By: | | | |
| Name: | BRIAN LAMPHEAR | Position/Title: | PSC3 |
| Signature: |  | | |
| ICS 203 | IAP Page | Date/Time: | 07/22/2021 2100 |

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

| | | | | | | |
|--|--------------------------------------|---|---------------------------------------|-------------------|------------------|------|
| 1. Incident Name: | | 3. | | | | |
| ANDERSON HILL | | Branch: | Division/Group A | | | |
| 2. Operational Period: 0600-2200 | | | | | | |
| Date/Time From: 07/23/2021 0600 FRI | Date/Time To: 07/23/2021 2200 FRI | | | | | |
| 4. Operations Personnel | | | | | | |
| OPERATIONS CHIEF | MATT CROSWAIT | DIVISION/GROUP SUPERVISOR | JB CLAY | | | |
| AIR ATTACK SUPERVISOR | | | | | | |
| 5. Resources Assigned this Period | | | | | | |
| Strike Team / Task Force / Resource Designator | LWD | Leader | Number Persons | Drop Off PT./Time | Pick Up PT./Time | |
| (C-4) PHOENIX CREW - AZ-AZS | 07/30 | CLINT KELLY | 18 | | | |
| (C-9) ROCKY MOUNTAIN FIRE COMPANY - CREW T2IA #1 | 08/02 | | 20 | | | |
| (O-6) FALLER MODULE - TIMBER TRAIL AND SPUR CONTRACTORS L.L. | 07/30 | R, CHITWOOD | 2 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 6. Control Operations/Work Assignments: | | | | | | |
| 7. Special Instructions: Grizzly bear and black bears are present in the area. All foo and attractants must be stored in buildings or vehicles. Absolutely no food can be allowed in tents. Maintain clean camps, staging areas, and other frequented parts of the fire. | | | | | | |
| 8. Division/Group Communication Summary | | | | | | |
| Function | Channel | RX Frequency N/W | RX Tone/NAC | TX Frequency N/W | TX Tone/NAC | Mode |
| TACTICAL | 7 | 168.0500 | | 168.0500 | | |
| AIR TO GROUND | 12 | 171.7250 | | 171.7250 | | |
| 9. Prepared By (Resource Unit Leader) | | Approved By (Planning Section Chief) | | Date | Time | |
| BRIAN LAMMPHIEAR | | BRIAN LAMPHIEAR | | 07/22/2021 | 2100 | |

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

| | | | | | | |
|---|--------------------------------------|--|---|------------------|-----------------------|------------------|
| 1. Incident Name: | | | 3. | | | |
| ANDERSON HILL | | | Branch: | | Division/Group | |
| 2. Operational Period: 0600-2200 | | | | | O | |
| Date/Time From: 07/23/2021 0600 FRI | Date/Time To: 07/23/2021 2200 FRI | | | | | |
| 4. Operations Personnel | | | | | | |
| OPERATIONS CHIEF MATT CROSWAIT | | DIVISION/GROUP SUPERVISOR PINA III, SCOTTIE | | | | |
| AIR ATTACK SUPERVISOR | | | | | | |
| 5. Resources Assigned this Period | | | | | | |
| Strike Team / Task Force / Resource Designator | | LWD | Leader | Number Persons | Drop Off PT./Time | Pick Up PT./Time |
| (C-11) PIMA T2IA CREW #1 | | | | 18 | | |
| (C-12) RED RIVER FIRE CHASERS | | 08/04 | JUSTIN WEDO | 19 | | |
| (E-14) ENGINE - T3 - CAHOON CONSTRUCTION AND FIRE - 1FDNF60J1 | | 08/01 | RUSS GODDARD | 3 | | |
| (E-12) ENGINE - T6 - HART VENTURES, INC. - 1FD0X4HY3GEA93053 | | 07/31 | SCOTT BLACKCROW | 3 | | |
| (E-13) ENGINE - T6 - CAHOON, BRIAN - 1FTWX31Y05EA38396 | | 08/01 | BRIAN CAHOON | 3 | | |
| (E-15) ENGINE - T6 - CAHOON CONSTRUCTION AND FIRE - 1FDAW57R2 | | | FRANCIS CAHOON | 3 | | |
| (E-18) ENGINE - T6 - FIRE TRAX LLC - 1FD0W5HT3HEF22898 | | 08/03 | | 3 | | |
| | | | | | | |
| | | | | | | |
| 6. Control Operations/Work Assignments: | | | | | | |
| Secure and mop up around Dandy Mine cabins. | | | | | | |
| Continue direct line towards Division A. | | | | | | |
| Locate and evaluate contingency lines. | | | | | | |
| 7. Special Instructions: | | | | | | |
| Grizzly bears and black bears are present in the area. All food and attractants must be stored in buildings or vehicles. Absolutely no food can be allowed in tents. Maintain clean camps, staging areas, and other frequented parts of the fire. | | | | | | |
| 8. Division/Group Communication Summary | | | | | | |
| Function | Channel | RX Frequency N/W | RX Tone/NAC | TX Frequency N/W | TX Tone/NAC | Mode |
| TACTICAL | 8 | 168.2000 | | 168.2000 | | |
| AIR TO GROUND | 12 | 171.7250 | | 171.7250 | | |
| 9. Prepared By (Resource Unit Leader) | | | Approved By (Planning Section Chief) | | Date | Time |
| BRIAN LAMPHEAR | | | BRIAN LAMPHEAR | | 07/22/2021 | 2100 |

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

| | | | | | | |
|---|--------------------------------------|--|----------------|-----------------------|------------------|------|
| 1. Incident Name: | | 3. | | | | |
| ANDERSON HILL | | Branch: | | Division/Group | | |
| 2. Operational Period: 0600-2200 | | | | R | | |
| Date/Time From: 07/23/2021 0600 FRI | Date/Time To: 07/23/2021 2200 FRI | | | | | |
| 4. Operations Personnel | | | | | | |
| OPERATIONS CHIEF MATT CROSWAIT | | DIVISION/GROUP SUPERVISOR JACOB KEOGH | | | | |
| AIR ATTACK SUPERVISOR | | | | | | |
| 5. Resources Assigned this Period | | | | | | |
| Strike Team / Task Force / Resource Designator | LWD | Leader | Number Persons | Drop Off PT./Time | Pick Up PT./Time | |
| (E-1) DOZER - T1 - KOMBEREC, CHARLES R - 46A-31806 | | CHARLES KOMBEREC | 2 | | | |
| (E-2) DOZER - T3 - 9MILE CONTRACTING LLC - 4JN00370 | | BILL KREIS | 2 | | | |
| (E-4) MISC - SKIDGINE, T2 - PITMAN RESOURCES LLC - DW648DS52 | | CODY HUETT | | | | |
| (E-21) ENGINE - T6 - AZ-SJO - LIC# G-110HR - ENG-1972 | 08/01 | ROBERT DALLEJOS | 4 | | | |
| (E-22) ENGINE - T6X - AZ-HBO - LIC# G-893CP - BR-72 (4X4 - CA) | 08/01 | JEFF PURINTON | 3 | | | |
| (E-6) WATER TENDER - SUPPORT - T2 - GREENOUGH-POTOMAC VFD - TFLD(T) | 07/30 | CY HANSEN | 1 | | | |
| HEQB | | PICKLES | 1 | | | |
| HEQB (T) | | JOHN ELSEN | 1 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 6. Control Operations/Work Assignments: | | | | | | |
| Scout Big Creek for contingency line placement | | | | | | |
| 7. Special Instructions: | | | | | | |
| Grizzly bears and black bears are present in the area. All food and attractants must be stored in buildings or vehicles. Absolutely no food can be allowed in tents. Maintain clean camps, staging areas, and other frequented parts of the fire. | | | | | | |
| 8. Division/Group Communication Summary | | | | | | |
| Function | Channel | RX Frequency N/W | RX Tone/NAC | TX Frequency N/W | TX Tone/NAC | Mode |
| TACTICAL | 9 | 168.6000 | | 168.6000 | | |
| AIR TO GROUND | 12 | 171.7250 | | 171.7250 | | |
| 9. Prepared By (Resource Unit Leader) | | Approved By (Planning Section Chief) | | Date | Time | |
| BRIAN LAMPHEAR | | BRIAN LAMPHEAR | | 07/22/2021 | 2100 | |

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

| | | | | | | |
|---|--------------------------------------|---|-----------------------|-------------------|------------------|------|
| 1. Incident Name: | | 3. | | | | |
| ANDERSON HILL | | Branch: | Division/Group | | | |
| 2. Operational Period: 0600-2200 | | Z | | | | |
| Date/Time From: 07/23/2021 0600 FRI | Date/Time To: 07/23/2021 2200 FRI | | | | | |
| 4. Operations Personnel | | | | | | |
| OPERATIONS CHIEF | MATT CROSWAIT | DIVISION/GROUP SUPERVISOR | RYAN ELLIOTT | | | |
| AIR ATTACK SUPERVISOR | | | | | | |
| 5. Resources Assigned this Period | | | | | | |
| Strike Team / Task Force / Resource Designator | LWD | Leader | Number Persons | Drop Off PT./Time | Pick Up PT./Time | |
| (C-16) DEERLODGE CREW | 08/04 | | 20 | | | |
| (E-5) MISC - SKIDGINE, T1 - J & E CONTRACTING, LLC - 94U1786 | | ED JUNGERS | 2 | | | |
| (E-16) ENGINE - T3 - CAHOON, BRIAN - 1FD0W5HT0DEA97683 | | TREVOR SCOTT | 3 | | | |
| (E-17) ENGINE - T3 - HART VENTURES, INC. - 1HTMMAAL07H414253 | 08/01 | | | | | |
| (E-31) ENGINE - T6 - NMGNF - E-651 | | NICK CLARK | 4 | | | |
| (E-20) ENGINE - T6X - AZ-FRY - LIC# G-874FH - BR-365 (4X4) (A) | | | 3 | | | |
| (E-23) ENGINE - T6X - AZ-WAL - LIC # G-650DV (4X4) (AZ-ADC) | | | 3 | | | |
| (E-32) TENDER, WATER (SUPPORT) - T3 - HIGH SIERRA ENTERPRISE | | | | | | |
| (O-5) FALLER MODULE - MILLER CREEK REFORESTATION INC - MC2 D | 07/30 | MARK ALBER | 2 | | | |
| (O-35) FALLER MODULE - BROTHERS FIRE LLC - BROTHERS-MTMDC FAL | 07/31 | WADE LONG | 2 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 6. Control Operations/Work Assignments: | | | | | | |
| Improve line from A-Z break towards R. Patrol and grid for spot fires. | | | | | | |
| 7. Special Instructions: | | | | | | |
| Grizzly bears and black bears are present in the area. All food and attractants must be stored in buildings or vehicles. Absolutely no food can be allowed in tents. Maintain clean camps, staging areas, and other frequented parts of the fire. | | | | | | |
| 8. Division/Group Communication Summary | | | | | | |
| Function | Channel | RX Frequency N/W | RX Tone/NAC | TX Frequency N/W | TX Tone/NAC | Mode |
| TACTICAL | 10 | 166.7250 | | 166.7250 | | |
| AIR TO GROUND | 12 | 171.7250 | | 171.7250 | | |
| 9. Prepared By (Resource Unit Leader) | | Approved By (Planning Section Chief) | | Date | Time | |
| BRIAN LAMPHEAR | | BRIAN LAMPHEAR | | 07/22/2021 | 2100 | |

Division/Group Assignment List (ICS 204 WF)

Controlled Unclassified Information//Basic

| | | | | | | |
|---|--------------------------------------|---|-------------------|---|------------------|------|
| 1. Incident Name: | | 3. | | | | |
| ANDERSON HILL | | Branch: | | Division/Group STAGING | | |
| 2. Operational Period: 0600-2200 | | | | | | |
| Date/Time From: 07/23/2021 0600 FRI | Date/Time To: 07/23/2021 2200 FRI | | | | | |
| 4. Operations Personnel | | | | | | |
| OPERATIONS CHIEF | MATT CROSWAIT | DIVISION/GROUP SUPERVISOR | | | | |
| AIR ATTACK SUPERVISOR | | | | | | |
| 5. Resources Assigned this Period | | | | | | |
| Strike Team / Task Force / Resource Designator | LWD | Leader | Number Persons | Drop Off PT./Time | Pick Up PT./Time | |
| WATER TENDER | | D. WESSELIUS | 1 | | | |
| (E-7) KOMBEREC EXCAVATOR | | CHARLES KOMBEREC | 1 | | | |
| | | | | | | |
| | | | | | | |
| 6. Control Operations/Work Assignments: | | | | | | |
| Continue dust abatement activities. | | | | | | |
| Support other Divisions as needed. | | | | | | |
| **Resources will be assigned to specific Divisions at morning briefing. | | | | | | |
| 7. Special Instructions: | | | | | | |
| Grizzly bears and black bears are present in the area. All food and attractants must be stored in buildings or vehicles. Absolutely no food can be allowed in tents. Maintain clean camps, staging areas, and other frequented parts of the fire. | | | | | | |
| 8. Division/Group Communication Summary | | | | | | |
| Function | Channel | RX Frequency N/W | RX Tone/NAC | TX Frequency N/W | TX Tone/NAC | Mode |
| COMMAND | | | | | | |
| TACTICAL | | | | | | |
| LOGISTICS | | | | | | |
| AIR TO GROUND | | | | | | |
| 9. Prepared By (Resource Unit Leader) | | Approved By (Planning Section Chief) | | Date | Time | |
| BRIAN LAMPHEAR | | BRIAN LAMPHEAR | | 07/22/2021 | 2100 | |

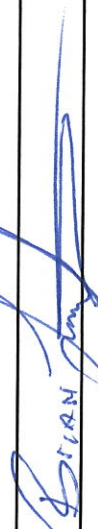

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

Controlled Unclassified Information//Basic

| | | | |
|-------------------------------|---------------------------------|-------------------------------|-----------|
| 1. Incident Name: | ANDERSON HILL | | |
| 2. Date/Time Prepared: | Date: 07/22/2021 Time: 2100 | 3. Operational Period: | 0600-2200 |
| | Date/Time From: 07/23/2021 0600 | Date/Time To: 07/23/2021 2200 | FRI FRI |

| 4. Basic Radio Channel Use: | | | | | | | | | | |
|-----------------------------|------|---------------|---|------------|----------|-------------|----------|-------------|-------------------|-------------------------|
| Zone Group | Ch # | Function | Channel Name/Trunked Radio System Talkgroup | Assignment | RX Freq | RX Tone/NAC | TX Freq | TX Tone/NAC | Mode (A, D, or M) | Remarks |
| | 1 | COMMAND | UNION CMD | | 151.1750 | | 151.4750 | 141.30 | | |
| | 2 | COMMAND | ELEVATION CMD | | 169.6750 | | 162.1625 | | | DIGITAL FREQ. NAC \$455 |
| | 3 | COMMAND | BELMONT CMD | | 169.6750 | | 162.1625 | | | DIGITAL FREQ. NAC \$526 |
| | 4 | COMMAND | COMMAND 4 | | 170.425 | 141.3 | 168.075 | 141.3 | | DIGITAL FREQ. NAC \$68F |
| | 5 | COMMAND | GRANITE | | 171.1375 | | 164.1500 | | | DIGITAL FREQ. NAC \$68F |
| | 6 | COMMAND | SENTINEL | | 169.6750 | | 162.1625 | | | DIGITAL FREQ. NAC \$4CE |
| | 7 | TACTICAL | TAC 1 | | 168.0500 | | 168.0500 | | | DIV. A |
| | 8 | TACTICAL | TAC 2 | | 168.2000 | | 168.2000 | | | DIV. O |
| | 9 | TACTICAL | TAC 3 | | 168.6000 | | 168.6000 | | | DIV. R |
| | 10 | TACTICAL | TAC 4 | | 166.7250 | | 166.7250 | | | DIV. Z |
| | 12 | AIR TO GROUND | A/G PRIMARY | | 171.7250 | | 171.7250 | | | |
| | 13 | AIR TO GROUND | A/G SECONDARY | | 166.8250 | | 166.8250 | | | |
| | 15 | COMMAND | VMED | | 155.3400 | | 155.3400 | 156.70 | | |
| | 16 | AIR GUARD | AIR GUARD | | 168.6250 | | 168.6250 | | | |

5. Special Instructions:

| | |
|---|---|
| 6. Prepared By (Communications Unit Leader) | Name: BRIAN LAMPHEAR |
| Signature:  | Signature:  |
| ICS 205 | Date/Time: 07/22/2021 2100 |

MEDICAL PLAN (ICS 206 WF)

| 1. Incident/Project Name | | | 2. Operational Period | | | |
|--|---|---|---|--|-------------------|------------------------------------|
| Anderson Hill Fire | | | Date/Time 07/22/2021. | | | |
| Ambulance Services | | | | | | |
| Name | Complete Address | Phone/Frequency | Advanced Life Support (ALS) Yes No | | | |
| Drummond Volunteer Ambulance | 147 East Front St. Drummond MT 59832 (406)239-9690 | | X | | | |
| Greeno-Potomac Volunteer Fire Dept. Chief Ryan Hall | 40412 MT State Highway 200 Greenough, MT 59823 (406)544-3034 | No transport capabilities . | Must Request the Company and specify: Auto Extrication, medical assist, LZ assist. | | | X |
| Clinton Fire Dept Bill Tucker | 12300 US Highway 10 East Clinton, Montana 59825 (406)240-5187 | | BLS Treatment and Transport. | | | X |
| Air Ambulance Services | | | | | | |
| Name | Phone/Freq. | Type of Aircraft & Capability | | | | |
| Life Flight Network | | ALS Helicopter with 1 patient capacity | | | | |
| Hospitals | | | | | | |
| Name | Complete Address | GPS Datum – WGS 84 Coordinate Standard Degrees Decimal Minutes DD° MM.MMM' N - Lat DD° MM.MMM' W - Long | Note: Travel add approximately 1 hr from fireline Travel Time Air Land | Phone/Freq. | Helipad Yes No | Level of Care Facility |
| Community Medical Center | 2827 Fort Missoula Rd Missoula, MT 59804 | Lat: 46°50.910 Long: -114° 2.866 | 24 mins | (406) 728-4100 Helipad (406) 327-4171 x1 | X | Level 3 trauma |
| Providence St Patrick Hospital | 500 W. Broadway Missoula, MT | Lat: 46° 52.551' Long: -113° 59.986' | 36 mins 12 mins | (406) 543-7271 Helipad (406) 329-2620 | X | Level 2 trauma, Cardiac, Stroke |
| Harborview Burn Center | 325 9 th Ave. Seattle, WA 98104 | Lat: 47° 36.188" Long: -122° 19.50' | 8hrs - 14 mins | (206)744-5735 | X | Level I Trauma &, Burn Center |
| | | Lat: Long: | | | | |
| Div. / Branch/ Group / Other | Area Location Capability | EMS Equipment | | | | |
| Anderson Hill Fire Line (lookout) | ALS / BLS | ALS/ BLS , AED, Transverse Rescue Stretcher Andrew Isenberg MEDL: (775)772-1059 | | | | |
| Base Camp Beavertail Hill | ALS/BLS | Basic fire camp medical supplies, ALS Emergency Kit, AED. Penelope McDonagh MEDL (T) (267)410-7558 | | | | |
| DIV A | | | | | | |
| DIV R | | | | | | |
| Medical Special Instructions | | | | | | |
| Two Bear Air Rescue | Flathead county dispatch center | hoist capabilities | | | | |
| Prepared By (Medical Unit Leader) | | Date/Time | Reviewed By (Safety Officer) | | Date/Time | |
| Andrew Isenberg MEDL | | | | | | |

Medical Incident Report – 8 Line

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 | | | <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 WF)

| | | | | | | |
|---|--|---|--|--|---|-------------------------------|
| 1. Incident/Project Name | | 2. Operational Period | | | | |
| Anderson Hill Fire | | Date/Time | | | | |
| Ambulance Services | | | | | | |
| Name | Complete Address | Phone/Frequency | Advanced Life Support (ALS) Yes No | | | |
| Drummond Volunteer Ambulance | 147 East Front St., Drummond MT 59832 (406)239-9690 | | X | | | |
| Greeno-Potomac Volunteer Fire Dept Chief Ryan Hall | 40412 MT State Highway 200 Greenough, MT 59623 (406)544-5034 | No transport capabilities | Must Request the Company and specify Auto Extrication medical assist. LZ assist. X | | | |
| Clinton Fire Dept Bill Tucker | 12300 US Highway 10 East Clinton, Montana 59825 (406)240-5187 | | X | | | |
| Air Ambulance Services | | | | | | |
| Name | Phone/Freq | Type of Aircraft & Capability | | | | |
| Life Flight Network | | ALS Helicopter with 1 patient capacity | | | | |
| Hospitals | | | | | | |
| Name | GPS Datum - WGS 84 Coordinate Standard Degrees Decimal Minutes | | Note: Travel add approximately 1 hr from fireline | | | |
| | DD MM MMM N Lat | Travel Time Air Land | | Helipad | | |
| Complete Address | DD MM MMM W Long | Phone/Freq | Yes No | Level of Care Facility | | |
| Community Medical Center | Lat 46°50' 910 | 24 mins | | (406) 728-4100 Helipad (406) 327-4171 x1 | X | Level 3 trauma |
| 2827 Fort Missoula Rd Missoula MT 59804 | Long -114° 2' 866 | | | | | |
| Providence St Patrick Hospital | Lat 46 52 551 | 36 mins | 12 mins | (406) 543-7271 Helipad (406) 329-2620 | X | Level 2 trauma Cardiac Stroke |
| 500 W Broadway Missoula, MT | Long -113 59 986 | | | | | |
| Harborview Burn Center | Lat 47 36 188 | 8hrs - 14 mins | 77 min | (206)744-5735 | X | Level I Trauma & Burn Center |
| 325 9 Ave Seattle, WA 98104 | Long -122 19 50 | | | | | |
| | Lat | | | | | |
| | Long | | | | | |
| Div / Branch / Group / Other | Area Location Capability | EMS Equipment | | | | |
| Anderson Hill Fire Line (lookout) | ALS / BLS | ALS/ BLS, AED, Transverse Rescue Stretcher Andrew Isenberg MEDL: (775)772-1059 | | | | |
| Base Camp Beavertail Hill | ALS/BLS | Basic fire camp medical supplies, ALS Emergency Kit, AED. Penelope McDonagh MEDL (T) (267)410-7558 | | | | |
| DIV A | | | | | | |
| DIV R | | | | | | |
| Medical Special Instructions | | | | | | |
| Two Bear Air Rescue | Flathead county dispatch center | hoist capabilities | | | | |
| Prepared By (Medical Unit Leader) | Date/Time | Reviewed By (Safety Officer) | Date/Time | | | |
| Andrew Isenberg MEDL | | | | | | |



Elk Complex Helicopter Accident (California) – July 23, 2007

Category: This Day in History

This Day in History is a brief summary of a powerful learning opportunity and is not intended to second guess or be judgmental of decisions and actions. Put yourself in the following situation as if you do not know the outcome . What are the conditions? What are you thinking? What are YOU doing?

Incident Summary:

A handcrew is assigned to mop up on the Elk Complex. The crew's superintendent requests blivets through the division supervisor (DIVS) to support the operation. A medium helicopter will longline the blivets.

Two days before the accident: The DIVS anchors a fluorescent panel to the ground (used for indicating landing and drop zones) for the handcrew to use. The terrain in the area consisted of steep slopes and trees from 75 to 200 feet tall.

Day before the accident: The crew prepared for blivet delivery. The location of the panel remained as placed by the DIVS. The helicopter made the blivet drop close to the panel. The crew member who is marshaling warns the pilot about the proximity of one tree located to the right and upslope of the panel. Concerned with their own safety, two ground crew members distance themselves from the blivet drop site. The division safety officer visited the site after the blivet delivery. There was no discussion regarding the drop zone location or recognized hazards. At the After Action Review (AAR) in camp that evening, there was no mention of it. Additional blivets and backhaul were requested by the crew superintendent through the DIVS for the following day.

Day of the accident: The pilot was informed that he would be delivering more blivets to the same drop zone. Two crew members, not on site the previous day, staff the drop site. The panel remained in the same location as the previous day. Though the helicopter was equipped with a 150 foot longline, the marshaller communicates with the DIVS that a longer longline is recommended. By the time the recommendation was transmitted to the helibase, the helicopter was en route with blivets. Due to radio traffic, the marshaller and pilot did not communicate until the helicopter was on final approach to the drop site. Crew members witness the helicopter drift to the right as the blivets are set down and the main rotor strike the tall tree. The longline and the blivets remain attached as the helicopter turns left and flies downhill, impacting trees as it falls to the ground. The helicopter was destroyed. Though crew members provide assistance, the pilot was killed.

Discussion Points:

Lookouts – In medium helicopters many pilots fly external load missions from the left seat, leaning left out the bubble window. This decreases the pilot's ability to see to the right of the aircraft. As ground personnel working with helicopters, you may have a view of hazards that the pilot does not.

- If you are giving a new pilot a briefing about hazards in your area, what will your emphasis points be?

Communications – During a post-accident interview, two crew members stated that they were so concerned about the potential for an accident that they briefed each other three times on what action would be taken in the event of an accident.

- Discuss some of the reasons that people do not speak up when they see something wrong.
- During your work today, you may only get one chance to communicate a hazard before an accident happens. Identify how you and your crew will combat the reluctance to verbalize hazards.

There was a wider open spot a short way down the line that would have made a better drop site, but the DIVS had placed the panel in a convenient spot for the crews and did not communicate that he did not intend it to be the drop site for the blivets.

- Discuss how your crew leader wants crew members to speak up with questions, ideas, and solutions.

Escape Routes – We strive to work as safe as possible, but when things go wrong we need a way out. Just as with fire and felling, pilots in aircraft and the ground crews working with them need to establish escape routes for the aircraft and the ground crew.

Safety Circle - The helicopter's main rotor impacted the top 15 feet of a 165-foot tree. This means the helicopter's safety circle was not big enough to remain clear of hazards (a safety circle is generally recognized as 1½ times the rotor diameter and is used for keeping a safe distance from hazards both on the ground and in-flight).

- Using your *Incident Response Pocket Guide* (<http://www.nwcg.gov/publications/461>) [1] (*IRPG*) PMS 461 (<http://www.nwcg.gov/publications/461>) [1], (blue section) identify the minimum size of a safety circle for a medium helicopter.
- What are some ways to estimate the height of a tree?
- What are some options you have as a ground crew to improve a drop site with a hazardous tree?
- What are some options you have as a ground crew if you have an unsafe condition at the drop site and the helicopter is en route?
- What immediate actions do you take as a ground crew at a drop site if the helicopter is getting too close to a hazard?
- Could asking the pilot to do a recon of the drop site have potentially changed the outcome of this accident?

References:

2007 USFS A 200 Accident Review, pg 29

(https://www.fs.fed.us/fire/av_safety/assurance/mishaps/FY07_Accident_Review_internet.pdf) [2]

NTSB Summary (<https://app.nts.gov/pdfgenerator/ReportGeneratorFile.ashx?>

EventID=20070804X01107&AKey=1&RType=Final&IType=TA) [3]

Have an idea? Have feedback? Share it.

EMAIL (mailto:6minutesforsafety@gmail.com) [4] Facebook (<https://www.facebook.com/pages/6-Minutes-For-Safety/266447620037468>) [5] MAIL: 6 Minutes for Safety Subcommittee • 3833 S. Development Ave • Boise, ID 83705 | FAX: 208-387-5378

Tuesday, July 6, 2021 - 13:10

AIR OPERATIONS SUMMARY (ICS 220)
Controlled Unclassified Information//Basic


| | | | | | | | |
|--------------------------|--|---|---------------|--------------------|------|----------------|--|
| 1. Incident Name: | | 2. Operational Period: 0600-2200 | | 3. Sunrise: | | Sunset: | |
| ANDERSON HILL | | Date/Time From: | Date/Time To: | 0604 | 2120 | | |
| | | 07/23/2021 0600 | FRI | FRI | | | |

10. Helicopters (use additional sheets as necessary):

| FAA N# | Category/Kind/Type | Make/Model | Base | Available | Start | Remarks |
|--------|--------------------|-----------------|------------------------|-----------|-------|--------------|
| N950CH | T1 LIMITED | BOEING CH-47D | MISSOULA | 0900 | 0900 | NOT ASSIGNED |
| N17FH | T1 LIMITED | SIKORSKY UH-60A | MISSOULA | | 0900 | NOT ASSIGNED |
| N118MB | T3 STANDARD | AS-350B3E | BEAVERTAIL HELIBASE | | 0800 | COMMITTED |
| | | | | | | |
| | | | | | | |

12. Task/Mission/Assignment (category/kind/type and function includes: air tactical, reconnaissance, personnel transport, search and rescue, etc.):

| Category/Kind/Type and Function | Name of Personnel or Cargo (if applicable) or Instructions for Tactical Aircraft | Mission Start | Fly From | Fly To |
|---------------------------------|--|---------------|----------|--------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | |
|--|----------------------------|--|
| 11. Prepared By: Name: BRIAN LAMPHEAR | Position/Title: PSC3 | Signature:  |
| ICS 220, Page 2 of 2 | Date/Time: 07/22/2021 1106 | |

ANDERSON HILL FIRE

QR CODES

INCIDENT CHECK-IN



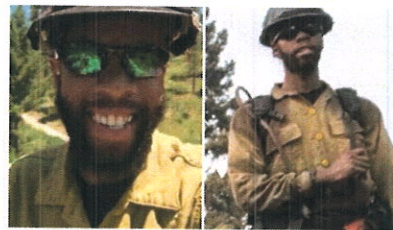
INCIDENT MAPS

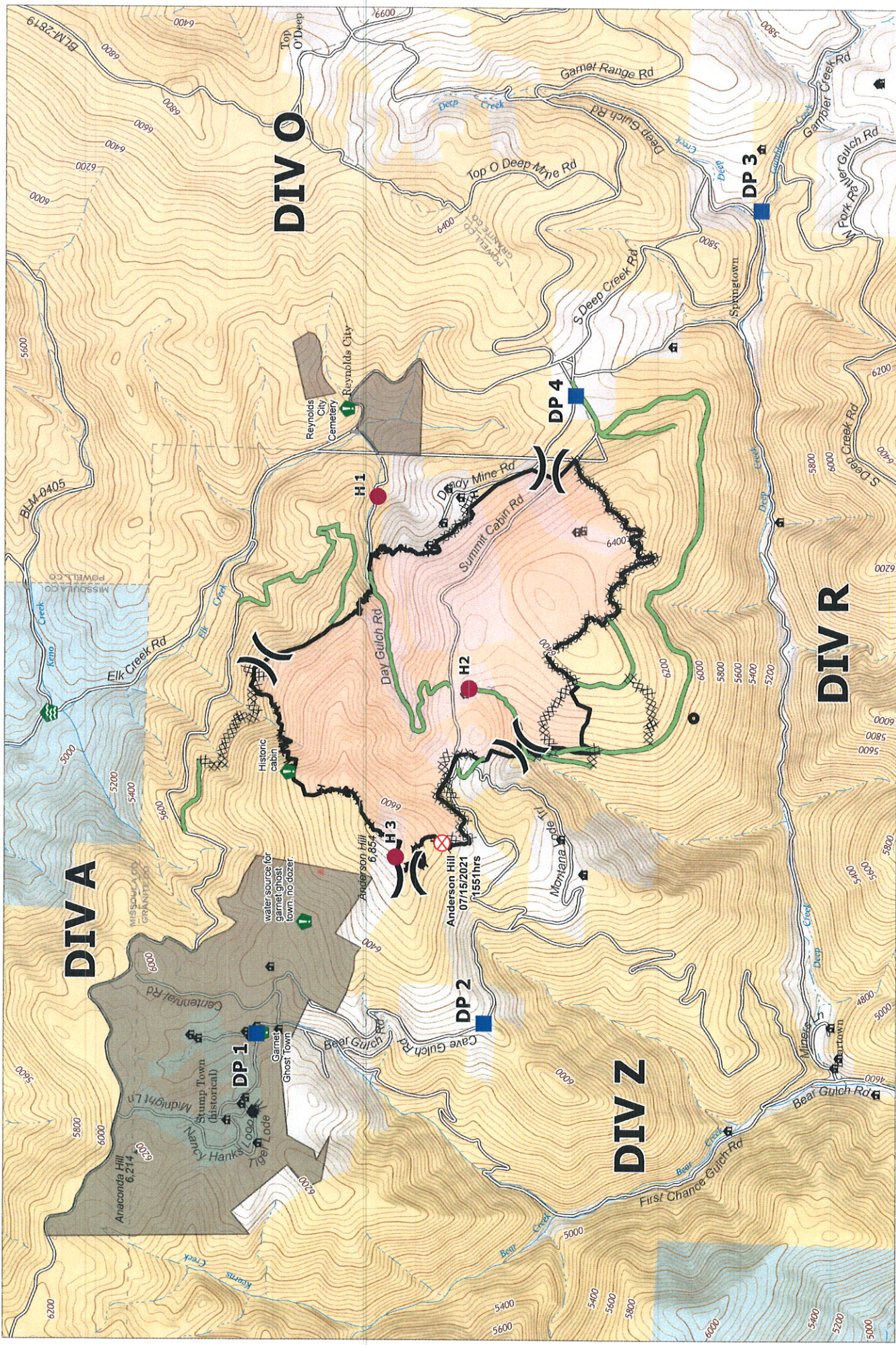


INCIDENT TIMES



Help Wildland Firefighter, Devon, with Recovery.





Operations Tactical

Anderson Hill
 745 Acres as of 7/22/21 @ 1833hrs
 MT-SWS-001022
 07/22/21 to 07/23/21 AM

| | | | | | | | |
|--|-------------------------------|--|---------------------------------|--|-----------------------------------|--|--------------------------------|
| | Structure | | Fire Origin | | Completed Hand Line | | State Lands |
| | Helispot | | Water Development or Draft Site | | Completed Mixed Construction Line | | Bureau of Land Management |
| | Division Break | | Resource Location | | Completed Road as Line | | County Boundary |
| | Drop Point | | Completed Dozer Line | | Access or Improved Road | | Equipment Use Restriction Zone |
| | Wildfire Daily Fire Perimeter | | | | | | |
| | Paved Roads | | | | | | |
| | Dirt (Not Paved) | | | | | | |



