

CLOVER MIST FIRE (SHOSHONE NATIONAL FOREST)

ACCIDENT INVESTIGATION REPORT

EDWARD HUTTON - OCTOBER 11, 1988

TABLE OF CONTENTS

	Page
ACCIDENT INVESTIGATION REPORT (with photographs).....	1
SUPPORTING DOCUMENTS.....	13
a. List of Individuals Contacted by the Regional Investigation Team.....	13a
b. Preliminary Accident Report Prepared by Bill Kight.....	13b
c. Narrative Statements from Kirby Cook, John Gregor, Caroline Nelson & Leslie Hanberg that were Recorded by Mark Sayles.....	13c
d. Signed Statement by Cliff Hutton (Crew Boss).....	13d
e. Copy of Delegation of Authority to Jim Krugman.....	13e
f. Written Narrative of Interview with Jim Vinyard (Strike Team Leader).....	13f
g. Copy of Sheriff's Incident Report.....	13g
h. Listing of Fire Training/Experience for Cliff Hutton & Edward Hutton.....	13h
i. Listing of Fire Training/Experience for Craig Hiser.....	13i
EXHIBITS.....	14
a. Maps of Area - Wyoming State Map, Shoshone Forest Map, Topographical Fire Map.....	14a
b. Drawing of Accident Area & Legal Description.....	14b
c. Clippings from October 12, 1988 Billings Gazette & October 12, 1988 Casper Star Tribune on the Incident.....	14c
d. Copy of October 10, 1988 Crew Time Report (day before incident)...	14d
e. Copy of October 9, 10, & 11, 1988 Day Shift Plans.....	14e
f. Unit Log - Helipoint Manager, Steve Davis (10/11/88).....	14f
g. Unit Log - Helibase Manager, Bernie Wiengardt (10/11/88).....	14g
h. Radio Station Log - October 11, 1988.....	14h

ACCIDENT INVESTIGATION REPORTEDWARD HUTTON - DECEASED

CASE:

Edward Hutton was killed by a dead falling snag on October 11, 1988 during mop up operations on the Clover Mist Fire, Shoshone National Forest, Wyoming. Approximate legal location Township 57 North, Range 106 West, Section 32, Southeast Quarter.

INVESTIGATION TEAM:

An investigation Team was ordered on October 11, 1988, comprised of:

- Larry Coffelt - Director, Operations & Finance, Region Two - Team Leader
- William Starr - Health & Safety Officer, Region Two
- Glenn Snyder - Fire Management Specialist, Region Two
- Charles Calkins - Chief, Fire & Aviation Section, Wyoming BLM

INVESTIGATION PROCEDURES:

Coffelt, Snyder and Starr departed Jeffco in Forest Service Aircraft 120Z (pilot Larson) at 0930, October 12, 1988; a stop was made at Cheyenne Airport, Wyoming to pick up the remaining team member, Calkins. The team then proceeded direct to Cody Airport and was met by Will Nieting, Shoshone National Forest Administrative Officer. Nieting accompanied the team throughout the investigation until its departure from Cody Airport on October 14.

Investigation information was gathered by interviewing witnesses and other personnel, visiting the accident site, and reviewing documents and evidence already collected. Portions of interviews were tape recorded and photographs were taken at the accident site in addition to notes taken throughout the investigation.

Upon arrival at Cody Airport the team awaited the arrival of the Bighorn Basin Interagency Crew which was being demobilized from the Clover Mist Fire. Edward Hutton was a member of this crew. His brother Cliff Hutton was the Crew Boss and witness to the accident; Cliff was not available throughout the investigation period since he had accompanied the deceased back to Casper, Wyoming earlier. Craig Hiser, the only other witness at the accident arrived with the Bighorn Basin Crew at Wyoming Interagency Coordination Center (WICC) mid-afternoon.

Craig was visibly still shaken by the accident and, therefore, only briefly interviewed by Coffelt and Snyder.

The team departed by ground vehicle for Crandall Fire Camp, arriving at 1730 hours on October 12, 1988. A short in-brief was held with the Incident Commander (IC), Jim Krugman and Fire Safety Officer (FSO), Bill Kight and a copy of the preliminary accident investigation report was obtained. The team

remained in Fire Camp for the "Critical Incident Stress Reaction" (CISR) Team (Trauma Team) briefing for Overhead Team personnel. The Investigation Team then proceeded to Silver Gate, Montana to remain over night.

The Team arrived at Crandall Fire Camp at 0730 hours, October 13, 1988. The two Emergency Medical Technicians (EMTs) and pilot involved with the Medivac were interviewed at Camp in addition to several other associated persons. The Medivac pilot (Hanberg) also had performed the helicopter water drops at the accident site.

The Team then proceeded to the accident site by helicopter accompanied by Will Nieting, Carl Smith (OSHA representative out of Billings), Bill Kight, and the EMTs involved with the Medivac.

After returning to Crandall Fire Camp around noon on October 13, 1988, the Team conducted an outbrief with Jim Krugman and Bill Kight. The Team arrived back in Cody at approximately 1530 hours. Telecom followup with the Coroner's Office and Sheriff's Office was made and the draft Investigation Report begun. The Team remained overnight in Cody and continued to assemble the report in the morning of October 14, 1988.

SEQUENCE OF EVENTS

Cliff Hutton attended the shift briefing in the morning (October 11, 1988) prior to going to the fire line. Cliff and his 19-member Crew were dropped off at helispot H-17B at approximately 0800 hours, October 11, 1988, with instructions to mop up smokes down the ridge from H-17B.

Cliff, with crew members Edward Hutton and Craig Hiser, left the other members of the crew to go to another area to put out a hot spot that they had observed. Approximately 1030 hours they arrived at the hot spot and began mopping it up. Cliff called for a helicopter water drop to which helicopter 121Z (Bell Model 212) responded at approximately 1100 hours.

After the drop, Cliff, Edward, and Craig went to the drop spot and further mopped up. Cliff then called for another water drop but this was to be a static, spot drop. They retreated to where they thought was a safe area downhill from the drop site among some trees and awaited the drop. Helicopter 121Z made the second drop, which was a static drop, at approximately 1110 hours. At about the same time of the water drop, a dead tree fell and struck Edward Hutton.

A Medivac aircraft was requested by Cliff Hutton (crew boss). Since the aircraft making the water drop was also the designated Medivac helicopter, 121Z returned to Crandall Heliport, dropped the bucket and picked up two EMTs. The medivac was made to the Cody, Wyoming hospital where the accident was announced as being fatal.

FINDINGS

The following information is based on:

- Review of the information collected by the Clover Mist Fire Safety Officer (FSO).
- Interviews done by the Regional Investigation Team.
- On site visit to the accident location.
- Written statement signed by Cliff Hutton.
- Extracting data from other documents included as exhibits in this report.

A complete list of people contacted in the course of the investigation is included in the supporting documents section of this report.

The Clover Mist FSO (Bill Kight) prepared a preliminary accident report prior to the arrival of the Regional Investigation Team. This included a recount of the day's activities for October 11, 1988 in which the safety officer was directly involved plus a compiled sequence of events related to the accident.

The FSO also provided a copy of:

- Clippings from two newspapers related to the accident.
- A small sketch of the accident scene.
- Information recorded by Mark S. Sayles (aviation safety) of statement made by the helitack crew and by helicopter pilot (Leslie Hanberg).
- Bighorn Basin Crew time report for the day prior to the accident.
- Copy of the unit log ICS-214 for October 11, 1988.
- Copy of Radio Station Log (Form 9120-1) for October 11, 1988.
- Day shift plans for October 9-11, 1988.

This information assisted the Team in completing the investigation in a timely manner.

Interviews provided the following information:

Three people were at the scene of the accident when it occurred. The victim (Edward Hutton), his brother (Cliff Hutton, Crew Boss), and Craig Hiser (crew member).

The first interview by the Investigation Team was on October 12, 1988 at the Wyoming fire dispatch center with Craig Hiser. Mr. Hiser stated he grew up in Wyoming on a ranch and had two years of fire fighting experience. He stated that the work being done the day of the accident was similar to what he had been doing for three days. Mr. Hiser also stated that at the time of the accident, he thought they were in a safe zone and all three people were close together (within a few feet of each other). This information is consistent with that found in the preliminary accident report provided by the safety officer.

The interview with Mr. Hiser was kept very short due to the stressful situation. John Stiengler, critical incident stress reaction team (a contractor) was present during the interview. Dr. Stiengler was not

interviewed as he stated he was interested in the psychological aspects of the accident only and just arrived at the fire camp the previous evening at 10:30 p.m., October 11, 1988.

John Murray, who was a crew member on the Bighorn Basin Interagency crew was present during the interview with Mr. Hiser. After the interview was completed, Mr. Murray stated that the Crew Boss (Cliff Hutton) was very safety conscious.

On October 13, 1988 Dick Berkholz, the Clover Mist Resource Unit Leader was interviewed to obtain information about the development of the day shift plan. Mr. Berkholz stated that the Division Supervisor provides input to the Operations Chief who provides input to the Resource Unit Leader. Mr. Berkholz stated that the Resource Unit Leader "reviews" the plans (proposal) of the Operations Chief.

The first objective in the day shift plan pointed out that the priority above all others will continue to be for the safety, health and well being of all firefighters --- . The day shift plan for October 11, 1988 is included in the exhibits section of this report.

The helicopter pilot, Leslie Hanberg, who made two water drops at the accident site was interviewed. The information received was consistent with the documented statement previously recorded by Mark Sayles during the preliminary investigation. Mr. Hanberg did explain that due to an increase in wind conditions the second water drop was done east to west while the initial drop was done west to east. He stated he made the bucket drops from an elevation of approximately 150 feet above the terrain. The taller trees in the area were estimated to be approximately 80 feet high based on the investigation team's visit to the accident site. The water bucket was suspended about 10 feet below the helicopter.

Two emergency medical technicians (EMT's), Jill Gilcrest and Elaine Timmons were interviewed. The EMT's were on the Medivac Team and the first persons to arrive on the accident scene. Emergency medical procedures were taken including CPR and evacuation to the Cody, Wyoming hospital. The EMT's were able to describe the accident scene such as location of victim, appearance, etc.. They stated that during the medivac Craig Hiser told them they (Edward, Cliff and Craig) thought they were safe behind some large trees. Also, Cliff Hutton told them he had removed the victim's hard hat and protective clothing to start CPR.

The Strike Team Leader, Jim Vinyard, provided the following information: The morning pre-shift briefings were attended by line personnel down through the Crew Boss level; Cliff Hutton was at the briefing held the morning of October 11. At that briefing, as well as for several days prior to October 11, the danger of falling snags had been emphasized at the briefings.

On October 11, Vinyard was the Strike Team Leader for two crews assigned to him -- the Rio Grande #1 and the Bighorn Basin #10. The Bighorn Basin Crew had been working in the same basic area for several days while the Rio Grande Crew was going into a new area. Vinyard went with the Rio Grande Crew to H-13 and

the Bighorn Basin Crew was helicoptered into H-17B. From that point on all information that Vinyard provided concerning the events on October 11, was consistent with other information sources and was based on overhearing radio communications and talking to other individuals. He did not have direct radio communications with the Bighorn Basin Crew because of his location.

Vinyard was provided some information via radio relay by an individual named Burns. Vinyard expressed confidence in Cliff Hutton's capabilities as a Crew Boss and no problem with the fact that he (Cliff) was working away from Vinyard's direct supervision.

On October 13, 1988 the investigation team visited the accident site accompanied by the FSO (Kight), Gilcrest and Timmons (EMTS), one helitack crew member, Smith (representative from the OSHA) and Nieting. The accident site was identified as being located at T57N, R106W, S32, SE Quarter. This was about a 5 minute helicopter trip from the Crandall heliport.

The accident scene had been taped off the day of the accident (October 11, 1988). The site had not been disturbed since the accident and the arrival of the investigation team.

The two EMT's (Jill Gilcrest and Elaine Timmons) and helitack crew member (John Gregor) were all members of the Medivac team that were the first to arrive on the scene following the accident and with their help a sketch of the accident scene was reconstructed and is included in this report as an exhibit.

The accident scene is located on a north-facing slope, surrounded by large green trees. The vegetation in the area is dense with a small opening downhill and to the side of the accident scene. According to conversation that occurred at the accident site during the Medivac the victim's hard hat and gear were removed by his brother (Cliff Hutton) following the accident to perform CPR. When the Medivac team arrived, the victim was lying on his back and had not been moved. It was mentioned during the Medivac that Edward Hutton was standing behind his brother (Cliff Hutton). This means Cliff Hutton would have been nearer a large green tree. As mentioned earlier in this report, Craig Hiser told a member of the Medivac team that the crew thought they were in a safe area.

A statement signed by Cliff Hutton was obtained. In reading the statement, it was noted that October 10, 1988 rather than October 11, 1988 was referred to as the date of the accident. The accident occurred on October 11, 1988. The following is a reprint of Cliff Hutton's statement:

"On October 10, 1988 my crew was assigned to Division H to mopup hotspots. We flew in to Helispot 17B about 0930. After the crew arrived we went to locate a hotspot. The crew split up at the wilderness boundary of the Crandall Trail at about 1000. At this point I took Ed and Craig with me to locate the hotspot above the reef. We spotted another smoke to the east and went to take care of it. About 1030 we got to the hotspot and began mopping it up. I called for a helicopter to do bucket drops. Ed said that one tree had some roots burned out and so all of us were being cautious around it. About 20 - 30 min. passed when we got the

first helicopter drop, we cleared out of the area, helicopter 121Z dropped water on the spot that we had flagged. After he made the initial bucket drop we went in and stirred it around and I requested another bucket drop. About 5 - 10 min. passed and helicopter 121Z came back with another bucket of water. When we heard he was inbound we backed off to what I thought was a safe area, while he made his bucket drip. I directed him into where I wanted the water. The rotor wash stirred up dirt and water so that we couldn't see. Ed was 2 - 3 ft. behind me. I saw a shadow go by and then I turned around, the dust had cleared and Ed was down. We were both standing behind solid anchored trees in an areas that was unburned. I called for a medic immediately at approximately 1130 and went to Ed to help him (Ed had all his personal protective equipment on). Craig and I administered mouth to mouth and CPR. Medivac arrived within 5 - 10 min. and took him and I to the hospital in Code."

A copy of the signed statement is included with the supporting documents.

Bernie Weingardt, Air Support Group Supervisor, provided information concerning the size in gallons of the water drops being made on the fire. He said drops from light helicopters were in the range of 80-120 gallons and those from medium helicopter (Bell 212) were approximately 250-300 gallons.

Coroner's report, per telephone between Mary Raldolph, personnel clerk on the Shoshone NF and the coroner on October 13, 1988: He will not be preparing a report or performing an autopsy for this facility.

Information concerning fire related training for Cliff Hutton, Edward Hutton and Craig Hiser is included with the supporting documents attached to this report. The Investigation Team found that safety had been emphasized during the Clover Mist fire mop up effort. Also, that quick emergency action was taken once the accident was reported.

Additional background, including photographs, can be found in the supporting documents and exhibits sections.



This is the size of the helicopter
that made the water drop.

1



This is the site where the investiga-
tion crew landed when they went to
view the accident site.

2



Showing fallen snag looking from accident area towards base of snag. (Note snag laying across the lethal snag - fell after accident and before Investigation Team arrived.)

3

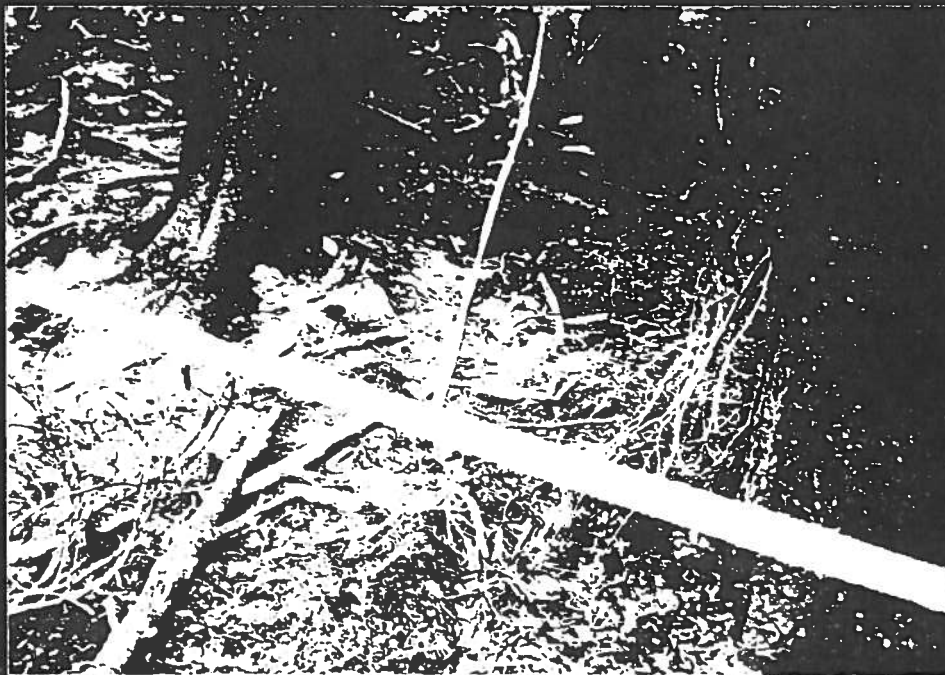
Shows fallen snag - the victim ended up laying alongside the upright tree that shows in the left of the picture.

4

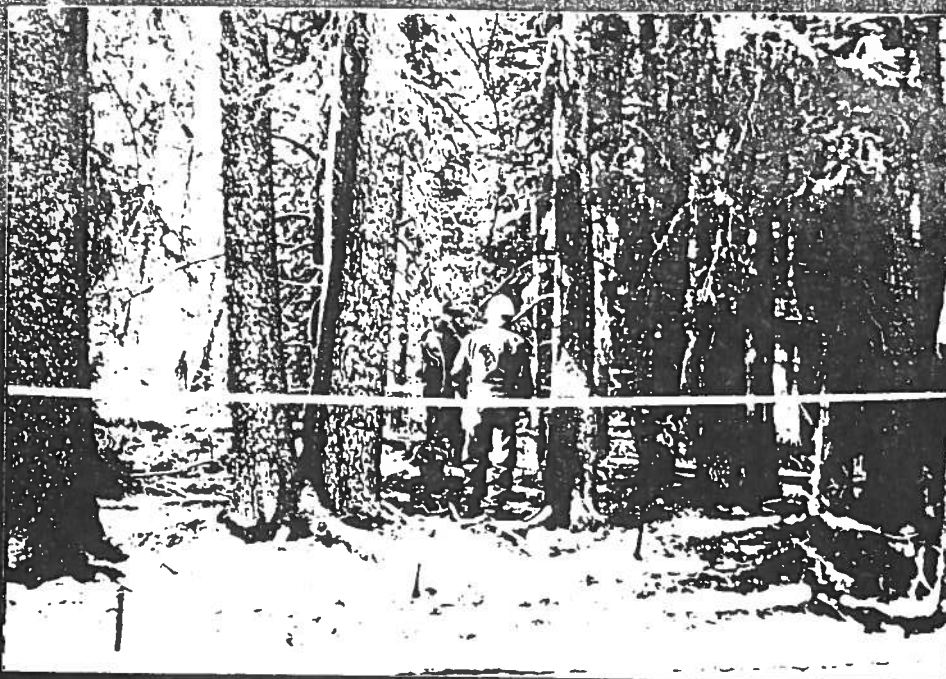




Shows fallen snag and the area where victim was laying after incident occurred.



Area where victim was laying.



Grove of trees where victim was in when snag struck him. (Victim ended up laying to the immediate right of individual in the green flight suit) Lethal snag can be seen going across picture.



Another view of accident area with lethal snag showing in middle foreground and looking toward area where victim ended up laying (approximately where yellow hard hat is)



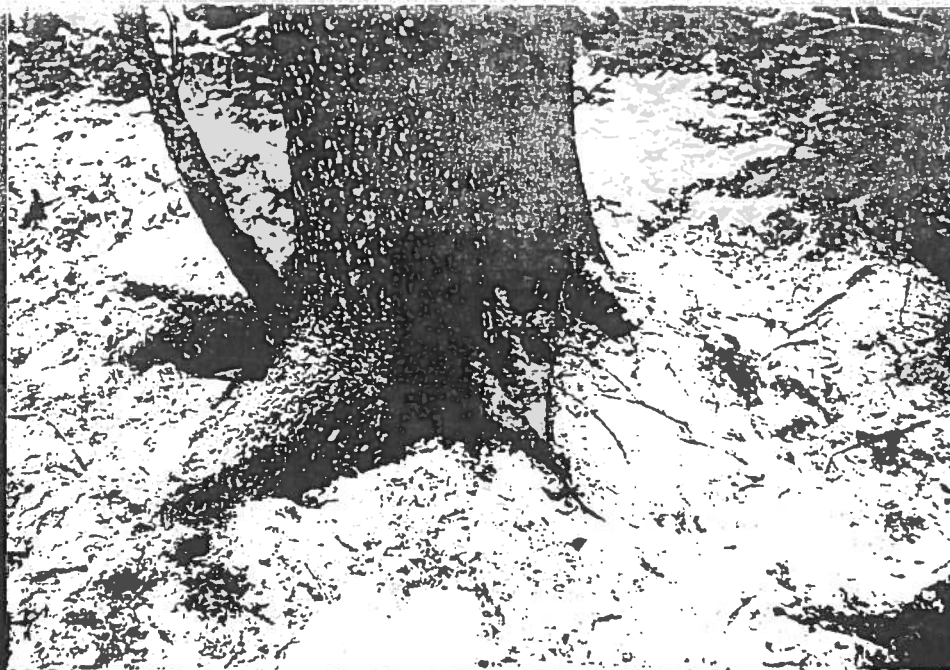
Shows flagging for helicopter water drop with hot spot showing in the lower right portion of the picture. Downed tree showing burned and unburned roots in the bottom of the picture is the lethal snag.

9



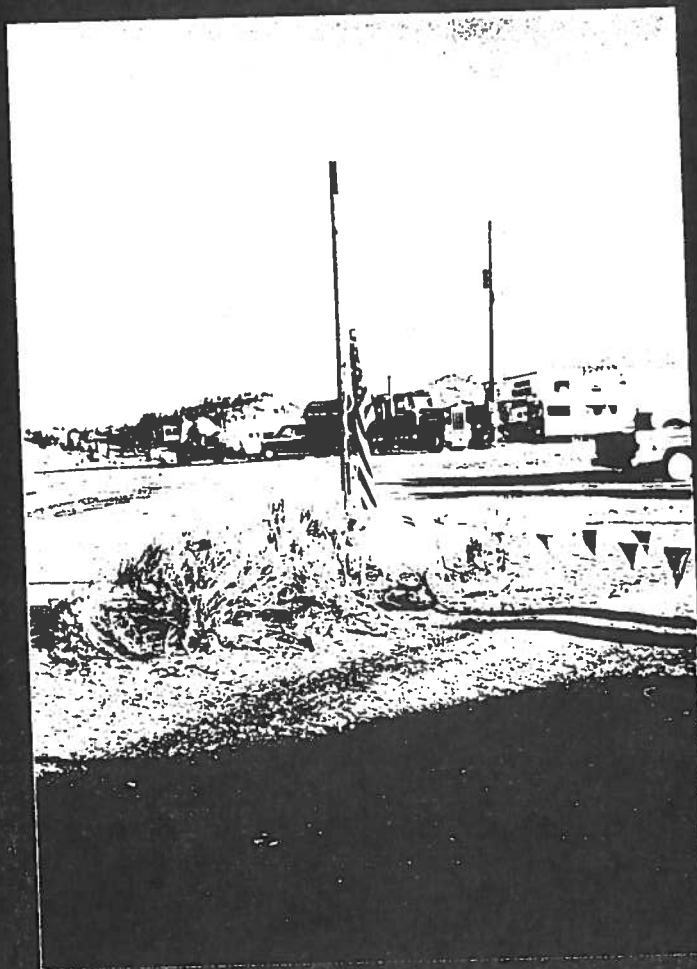
Shows flagging for water drop, hot spot and lethal snag.

10



Shows other burned trees in the immediate area.

11



Shows flag being flown at half mast in memory of Edward Hutton.

12

SUPPORTING DOCUMENTS

- a. List of individuals contacted by the Regional Investigation Team
- b. Preliminary accident report prepared by Bill Kight
- c. Narrative statements from Kirby Cook, John Gregor, Caroline Nelson and Leslie Hanberg that were recorded by Mark Sayles
- d. Signed statement by Cliff Hutton (Crew Boss)
- e. Copy of delegation of authority to Jim Krugman
- f. Written narrative of interview with Jim Vinyard (Strike Team Leader)
- g. Copy of Sheriff's Incident Report
- h. Listing of fire training/experience for Cliff Hutton and Edward Hutton
- i. Listing of fire training/experience for Craig Hiser

LIST OF INDIVIDUALS CONTACTED BY
REGIONAL INVESTIGATION TEAM

Jim Krugman	Incident Commander	FS Employee
Bill Kight	Safety Officer	BLM Employee
Elaine Timmons	EMT	AD
Jill Gilcrest	EMT	AD
Dick Berkholz	Resource Unit Leader	CO State FS
Jim Vingard	Strike Team Leader	BLM Employee
Leslie Hanberg	Helicopter Pilot, 121Z	Contract
Craig Hiser	Bighorn Basin Crew Member	FS Employee
Bernie Weingardt	Air Support Group Supervisor	FS Employee
John Murray	Bighorn Basin Crew Member	BLM Employee
John Stiengler	Critical Incident Stress Reaction Team (CISRT)	R-1 Contract
Carl Smith	OSHA Compliance Officer	OSHA Billings, MT

10/11/88
COVER MIST INCIDENT

PRELIMINARY ACCIDENT REPORT

0700 Long Team Briefing. Al Pearson conducted safety portion (last day for him). I added at end before everyone left: "Hey, let's be extra careful out there today."

0730 Took off from Cradall helibase to H9
Left with San Juan crew for H7B ^{some safety tips}
Landed at H7B. Shown Mark Sayles (SFO trainee used as aviation SFO. 1st time to live with Mark for general safety) listened in to crews tail gate safety session. Shown Mark accident site (snag free on fire fighter two days before)
Mark and I walked to H7A looking for sling loads (where we wanted to be to help with safety). No slings left at 7B, requested ship to take us to Big Moose, 1045 by lake area.

Landed at Big Moose lake. Ate lunch

1143 While eating lunch H9 called us to let us know a medivac was in progress (on channel 5).

NOTE: Sequence of events

1120: Helibase log records 1st request for medivac on channel 5

Plans chief did not hear medivac until 1130

1136: Communications notes 1st hearing of medivac at this time: "overhead medivac in progress" on Ch. 5.

1138: Communications asked Medical Unit for info.
Told ambulance had gone to helibase - no further info.

As SFO's Mark and I had been monitoring radio communications. But our location prevented us hearing all but intermittently. Attempts to call Communications on Ch 1 did not get through after the initial 1143 call to us by HQ.

A reconstruction of events follows

- 121Z doing bucket work in area was contacted for medivac by workers in area. * 121Z contacted helibase with info. Sometime between 1120-1125
- At 1126 121Z was at pad 2 (Cradall Helibase)
- 1127 - Call to plans - medical alert
Location: West Hunter Peak
- 1130 - Pad 2 with helitack and medical personnel.
- 1132 - 121Z inbound to accident site with 2 ICP EMTs of helitack
- 1133 - Cody dispatch informed of medivac ~~via~~ Linda (at Cody) will call hospital at Cody.
- 1134 - 121Z landed at Medivac site with Kirby Cook, Caroline Nelson, John Greger plus medical personnel Elaine & Jill

* 1120: Helibase called medical unit. Called to come to Cradall Helibase - Medical Emergency W. of Hunter over

peek.

"Down, unconscious, bleeding from mouth
but with heart beat."

- 1139 - log shows H9 contacted Safety that if they need ride back to let them know
- 1144 - ~~the~~ ST/L Vineyard called in for more bladder bags (apparently not knowing what had happened) Helibase log reads "keep channel clear".
- 1145 - 399EH fueling for possible standby ship for medical capability
- 1152 - 121Z relays message that crew boss Cliff Hutton would like Paul Burns to take over the crew. Noted that Hutton went with brother to Cody Squad Boss on crew
- 1154 - TO Cody Dispatch, Vicfun to Billings (will let know when lift-off)
Communication log notes overhead 121Z message to helibase that patient going to Billings (between 1154-1156)

- 1156 Crandall to H9: "Is Safety office on the way?"
H9 reply: Safety has been alerted will need ride (air lift) to Crandall
- 1157 Crandall request Safety officer refer to Crandall helibase to meet ops. / assist.
- 1158 522 requested to drop off bucket and pick-up Safety (near log lake where he had dropped us off)

1158 from Wayne (Medical Unit leader)
 "When 121Z leaves let know. ~~will~~ will
 call Billings.

1200- Gary contacted at plans, ^{via land line} victim is
 Ed Hutton off Big Horn Basin - Crew

NOTE:

AT THIS TIME SAFETY IS AWAITING LIFT-OFF FROM
 BIG MOOSE LAKE. DOES NOT KNOW WHAT IS GOING ON, OR
 WHO IS HURT.

1202 - 121Z feels Cradall will flight
 follow on Windy Mtn. thru channel
 4 w/ Billings approach contacted. Will
 not land at hospital, but airport.

1204- ^{From Cradall to} H9 - advises Safety of Robinson will
 go to accident from Cradall
 1209 - 2 Safety off ~~from~~ Off Big Big Moose Lake to Cradall
 with Safety

1210 - 121Z leaves accident scene for Cody
 West Park Hspt. (not Billings)

1211-1214 - Helibase called Wayne that 121Z
 had lifted off & informed destination
 to Cody - not Billings - Wayne will call
 Cody Hospital of situation

- 1212 ~~1216~~ — 522 Smiles out with Safety officers - inbound to Crandall
 Chris at Cody. 30 min ETA to Cody Hospt.
 1215 - Comm officers called Billings (not going there)
 1216 - Robinson has Big Horn Crew ~~was~~ assemble
 at Helispot * if we will meet them
- 1216 — 522 lands at Crandall, pad 5, with Safety Officers
- [1221 - Wayne calls Cody Hospital. Monitoring]
 [121Z of hospital freq.]
- ~~1223~~ 1223 - 121Z is landing at Cody if we call
 Crandall in 10-15 min.
- 1256 — Log shows 86F landing at H17B. Safety officers,
 still not knowing what has fully happened (w/ Robinson) touch base with Big Horn crew & determine
 that Caroline was at accident scene awaiting us.
 We then headed for accident site in 86F (Robinson,
 Sayles, Kight and Helipak) Told ship to not shut down
 while at H17B.

13⁵* ~~H17B~~ H17B

land at accident site. Caroline is concerned about Craig Hiser's condition. He is shook-up. Craig told Sayles he did not actually see stray fall. He has caked blood on front of shirt. Non-Communicative

1319

Sent Craig to Cradall with instructions to have medical personnel to meet him. Told Robinson to pull off ^{rest of} Bighorn crew. Go to accident site with Caroline. I take pictures (Had to knock down Skinny long way with Caroline & Robinson) Mark mess site. I had Caroline flag off accident site so as not to disturb area. Robinson flags out route (to find easily again)

1352

Off lands at Cradall with initial accident investigation team of Robinson, Kight & Sayles.

I began to work with Bighorn crew. Made sure squad boss Paul was up to assuming command & leadership of crew. (Asked him pointedly 2-3 times) He was ready. Waited for all of crew shuttle on & escorted them to prearranged de-briefing room (SE mess tent had been secured by security). Wayne announced fatality to crew.

* We had prearranged to have G-1 stand-by in case we wanted to pull crew off Hunter Peck area. At 1314 crew shuttle began with Robinson's concurrence. At 1323 E.C. ordered all crews off fire (by Plans Chief on radio)

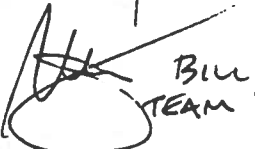
First bucket drop called for
water dropped then called for
2nd drop. Helicopter came in sideways slowly
(up hill to downhill) toward ^{the} three people*
2nd drop Cliff called for medic
(^{ed} was wearing hard hat)

input
0900

Note: this statement obtained from Craig
Hiser, the only other witness present (aside from
Ed's brother, Cliff) Craig said that he did not
actually see the snag hit Ed, but they were all
there together at time of accident.

In presence of Sheriff Dan Estes from whose copy
the don is derived.

The sheriff, myself and Mark Sayles (SFO) tracked
down the hard hat (plastic, still intact) Ed was
wearing. In camp found it with crew (who turned it over
willingly). It was turned over to Dan at coroner's
initial request

 Bill Kiger
TEAM "B" SFO

* Ed Hutton (victim), Cliff Hutton (crew boss and
brother of victim) and Craig Hiser. Craig said they
thought they were far enough away. Same distance
they had been rest of incident

10/11/88 1400hrs.

Statement from: Kirby Cook, John Gregor and
Caroline Nelson Helitack Crew
from Helicopter 121Z
Crew Concepts

11:20 Kirby Cook copied call for a helicopter
medivac

Copter 121Z was dropping in area of
accident

Ship came back to helibase dropped off
water bucket, took on fuel (closed circuit)

Cook, Gregor, Nelson and two EMT's
boarded Copter 121Z and flew to helispot
near accident site

When ship landed a firefighter was approaching
helicopter (victim's brother)

Firefighter lead EMT's to victim

Cook and Gregor took stretcher to accident
scene where Jill (EMT) and third firefighter
were performing C.P.R.

Cook took victim's brother away from accident
site to calm him down (back to shut down
helicopter)

Gregg assisted in C.P.R. & artificial Respiration
Cook returned to scene and assisted in preparing
stretcher.

Victim placed on a backboard, loaded into
stretcher - C.P.R. continues - then placed
into stretcher.

Carried victim to helicopter stopping several
times to continue C.P.R.

Stretcher placed in helicopter and secured - C.P.R.
continues

Ship lands at Hospital on Cody shortly after
1200 hrs.

On route to hospital Cook contacts hospital
via radio, informs hospital of a Code three,
Condition Red

Arrives hospital shortly after 1200 hrs.

Craig Hise (firefighter) took victims handkerchiefs
back to helibase.

Mark E. Sager recorded statement * 10/11/88 1400 hrs.

11:20 call for Medicine

John Gregor / Kirby Cook / Caroline Nelson

2 EMT + equipment

Ship came in bucket taken off took on port
1st call to Billings Hospital

Leslie Dember doing bucket work in area

Firefighter came toward ship when landed (victim
on stretcher)

Firefighter took EMT's to victim

Cook / Gregor took stretcher to victim

When Cook / Gregor arrived on scene Jill (EMT)
and crewman doing CPR

Cook took victim back away from scene to
colony in down (back to helicopter)

Gregor assisted in CPR + artificial Respiration

Cook assisted with getting stretcher ready

- 1st on backboard

loaded victim on stretcher

CPR - then onto stokes

Carried victim to ship - stopping to continue
C.P.R.

Placed on ship secured - ship started

C.P.R. continues

Ship lands at Hospital shortly after 1200 hrs.
(OVER)

In route Cook contacted hospital nurse Gaudin,
informs hospital of a Code III condition. Bed
arrives hospital shortly after 1200 hrs.

Med. Sgts. recorded statements 10/11/68 1400 hrs.

Craig Hise
him

took victims hardhat + pack with

10/11/88 1430 hrs.

Statement of events from Leslie Hamberg
Helicopter 121Z was water dropping in area of
accident - Pilot Leslie Hamberg Crew Concepts

Squad Boss requested water drops on hot area

1st drop was brought in and felt a little
down wind - dropped West to East

2nd drop request was for a spot drop on
area flagged by ribbon

Squad Boss was talking pilot into drop area
by radio

Squad Boss told pilot area was cleared to drop
2nd drop was East to West

Pilot came around after drop and asked squad boss
if additional water drops were needed. Squad Boss
answers back negative have a man down and
bleeding from the mouth and need a Medivac

Pilot informs Crandall base of accident returns
to helibase, drops bucket, takes on fuel.

Leaves helibase with 3 helitack + 2 EMT's for
helispot

Pilot shuts down helicopter and waits to transport
victim

Mark S. Sayles records statement 10/11/88 1400hrs.

Pilot Leslie Langley

Squad Boss asked for water drops

1st drop fell down wind a little bit W. to E.

2nd drop requested spot drop on flagging
squad Boss talk pilot to drop

Squad Boss told pilot and was clear for drop

2nd drop E. to W.

Pilot came around after drop ask if Squad Boss
wanted more drops. Squad Boss answers back
negative look in man's head bleeding from mouth

Pilot informs Cranberry base of accident returns
to Helibase, drops bucket, takes on fuel
Leaves with 3 helitack + 2 EMT's to helispot
Pilot shut down and waits to transport victim

Mark Sayler recorded Statement 12/1/88 1:00 hrs.

ON OCTOBER 10, 1988 MY CREW WAS ASSIGNED TO DIVISION H TO MOPUP HOTSPOTS. WE FLEW IN TO HELISPOT 17B ABOUT 0930. AFTER THE CREW ARRIVED WE WENT TO LOCATE A HOTSPOT. THE CREW SPLIT UP AT THE WILDERNESS BOUNDARY OF THE CRANDALL TRAIL AT ABOUT 1000. AT THIS POINT I TOOK ED AND CRAIG WITH ME TO LOCATE THE HOTSPOT ABOVE THE REEF. WE SPOTTED ANOTHER SMOKE TO THE EAST AND WENT TO TAKE CARE OF IT. ABOUT 1030 WE GOT TO THE HOTSPOT AND BEGAN MOPPING IT UP. I CALLED FOR A HELICOPTER TO DO BUCKET DROPS. ED SAID THAT ONE TREE HAD SOME ROOTS BURNED OUT AND SO ALL OF US WERE BEING CAUTIOUS AROUND IT. ABOUT 20-30 MIN. PASSED WHEN WE GOT THE FIRST HELICOPTER DROP. WE CLEARED OUT OF THE AREA, HELICOPTER 121Z DROPPED WATER ON THE SPOT THAT WE HAD FLAGGED. AFTER HE MADE THE INITIAL BUCKET DROP WE WENT IN AND STIRRED IT AROUND AND I REQUESTED ANOTHER BUCKET DROP. ABOUT 5-10 MIN. PASSED AND HELICOPTER 121Z CAME BACK WITH ANOTHER BUCKET OF WATER. WHEN WE HEARD HE WAS INBOUND WE BACKED OFF TO WHAT I THOUGHT WAS A SAFE AREA. WHILE HE MADE HIS BUCKET DROP. I DIRECTED HIM INTO WHERE I WANTED THE WATER, THE ROTOR WASH STIRRED UP DIRT AND WATER SO THAT WE COULDN'T SEE. ED WAS 2-3 FT. BEHIND ME. I SAW A SHADOW GO BY AND THEN I TURNED AROUND, THE DUST HAD CLEARED AND ED WAS DOWN. WE WERE BOTH STANDING BEHIND SOLID ANCHORED TREES IN AN AREA THAT WAS UNBURNED. I CALLED FOR A MEDIC IMMEDIATELY AT APPROXIMATELY 1130 AND WENT TO ED TO HELP HIM (ED HAD ALL HIS PERSONAL PROTECTIVE EQUIPMENT ON). CRAIG AND I ADMINISTERED MOUTH TO MOUTH AND CPR. MEDIVAC ARRIVED WITHIN 5-10 MIN. AND TOOK HIM AND I TO THE HOSPITAL IN CODY.



CLIFF HUTTON

My commission expires on 3-26-90
Lordon A. Senior



United States
Department of
Agriculture

Forest
Service

SO

Reply to: 1230

Date: October 4, 1988

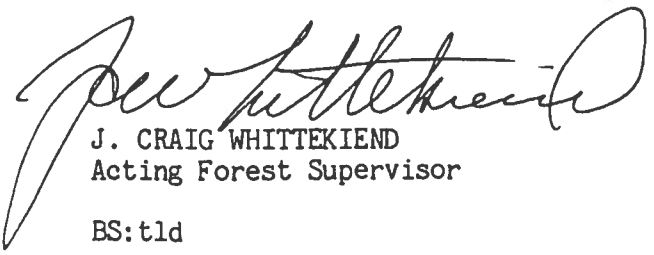
Subject: Delegation of Authority, Clover Mist Fire

To: Incident Commander

As of 9/29/88, I am delegating the responsibility and authority for management of the Clover/Mist Fire Incident, Shoshone N.F., to Tut Anderson/Jim Krugman of the Rocky Mountain class II team.

Your specific objectives are:

1. Provide for firefighter safety as the most important priority.
2. Provide for structure protection.
3. Use least cost measures within the Shoshone N.F. Fire Management Guidelines. Refer to Shoshone N.F. Management Philosophy attached.
4. Use no suppression tactics which will create long-term negative effects on wilderness values. Discreet use of motorized equipment is authorized.
5. Prevent grizzly bear conflicts by working closely with the District Ranger and other cooperators.
6. Complete fireline activities that are associated only with fire suppression activities and advise the Forest Supervisor of rehab needs that may conflict with that direction. Refer all other unauthorized rehab activities to the Forest Supervisor for action.


J. CRAIG WHITTEKIEND
Acting Forest Supervisor

BS:tld



Caring for the Land and Serving People

FS-6200-28(7-82)

Jim Vinyard - Strike Team Leader - was interviewed and provided information concerning the day of the accident. He said ~~Cliff Hutton and~~

the following information: the morning pre-shift briefings were attended by the personnel down through the crew boss level and Cliff Hutton was at the briefing held the morning of October 11.

At that briefing, as well as for several days prior to ~~the~~ October 11, the ^{day-long} ~~subject~~ of falling snags had been emphasized at the briefing. On October 11 Vinyard was Strike Team Leader with the two crews assigned to him, the Rio Grande #1 and the Bighorn Basin #10. The Bighorn Basin #10 crew had been working on the same area for several days while the Rio Grande #1 crew was working in a new area.

Vinyard went with the Rio Grande #1 crew to H-13 while the Bighorn Basin's crew was in H-17B. From that point on, all the information that Vinyard had ~~was~~ provided concerning the events of October 11 was consistent with all ^{information} ~~information~~ sources and his information was based upon overheard radio communications from other individuals. He did not have direct radio communications with the Bighorn Basin crew because of his ~~own~~ location. He was provided information on radio by an individual named

Burns who functioned as a radio relay person for Vinyard. Vinyard expressed confidence in Cliff Hutton's capabilities as a crew boss and had no problem with the fact that he (Cliff) would be working away from Vinyard's direct supervision.

CRIME REPORT

PAAR CO. SHERIFF DEPT
CODY WY

NCIC AGENCY IDENT. NO.

CASE NO.

ALCOHOL OR DRUG INVOLVEMENT

REPORT AREA

AGENCY

WYOMING STAT.

CRIME

DOR

LOCATION OF OCCURRENCE

WEST OF HUNTER PITH - NORTH SIDE OF RIDGE

DATE AND TIME OCCURRED - DAY

DATE AND TIME REPORTED

10-11-88 APX 1130

10-11-88

DESCRIBE CHARACTERISTICS OF PREMISES AND AREA WHERE OFFENSE OCCURRED

VICTIM'S NAME - LAST, FIRST, MIDDLE (FIRM IF BUSINESS)

RESIDENCE ADDRESS

RESIDENCE PHONE

OCCUPATION

RACE - SEX

AGE

DOB

BUSINESS ADDRESS (SCHOOL IF JUVENILE)

BUSINESS PHONE

NAME - LAST, FIRST, MIDDLE

HISEB, CBING TODD

DOB

ELIEN ROCK WY 82632

RESIDENCE PHONE

NAME - LAST, FIRST, MIDDLE

RESIDENCE ADDRESS

RESIDENCE PHONE

NAME - LAST, FIRST, MIDDLE

RESIDENCE ADDRESS

RESIDENCE PHONE

SUSPECT NO. 1 NAME - LAST, FIRST, MIDDLE

RACE - SEX

AGE

HT.

WT.

HAIR

EYES

I.D. NO. OR D.O.B.

ARRESTED
☐ YES ☐ NO

SOCIAL SECURITY NO.

ADDRESS, CLOTHING AND OTHER IDENTIFYING MARKS OR CHARACTERISTICS

SUSPECT NO. 2 NAME - LAST, FIRST, MIDDLE

RACE - SEX

AGE

HT.

WT.

HAIR

EYES

I.D. NO. OR D.O.B.

ARRESTED
☐ YES ☐ NO

SOCIAL SECURITY NO.

ADDRESS, CLOTHING AND OTHER IDENTIFYING MARKS OR CHARACTERISTICS

SUSPECT NO. 3 NAME - LAST, FIRST, MIDDLE

RACE - SEX

AGE

HT.

WT.

HAIR

EYES

I.D. NO. OR D.O.B.

ARRESTED
☐ YES ☐ NO

SOCIAL SECURITY NO.

ADDRESS, CLOTHING AND OTHER IDENTIFYING MARKS OR CHARACTERISTICS

MOTIVE - TYPE OF PROPERTY TAKEN OR OTHER REASON FOR OFFENSE.

VALUE OF PROPERTY TAKEN

NARRATION:

VICTIM AND CLIFF HUTTON AND GRAIG HISTER WERE
STANDING TOGETHER WAITING ON THE HELICOPTER TO
MAKE A SECOND WATER DROP. DURING THE TIME
THE HELICOPTER WAS DROPPING THE WATER A TREE
FELL STRICKING THE VICTIM.

(OVER)

CONTINUE ON BACK IF MORE SPACE IS NEEDED

VEHICLE USED - LICENSE NO. VIN YEAR MAKE MODEL COLORS (OTHER IDENTIFYING CHARACTERISTICS)

REPORTING OFFICERS

RECORDING OFFICER

DATE AND TIME

REVIEWED BY

DATE

Larry Perkins

10/13/88

INCIDENT REPORT

REPORT INFO.	PX Line	Time 1408	Date 10-12-88	Comp # 88 J 280	
	R/P LARRY BAKER	NATURE	DOA From CLOVERMIST FIRE		
	R/P Address WEST PARK HOSPITAL				
	Cady				
	PX				
	Victim's Name				
EMERGENCY	Incident Location CLOVER MIST		X Street		
	Weapons:		AMBULANCE		
	ACCIDENT		No. Injured		
	No. of Vehicles		Type of Injuries		
	Road Blocked? ☐ Yes ☐ No				
	Wrecker		Name of M.D.		
			Page	Enrt Hosp.	Enrt
			Arvl	Retn	Fmsh
	Assigned 11-8 ESTES		Dispatcher MIKE		
CRIME REPORT #	Disposition or Officer's Report: SEE CRIME REPORT				
Officer Signature <i>[Signature]</i>		Date 10-12-88		Supervisor Approving <i>[Signature]</i>	

STATEMENTS

HISER STATED THAT THE FIRST WATER PROP WENT AWAY. THE CREW CHIEF CLIFF HUTTON CALLED FOR A SECOND DROP. THE CREW CHIEF WAS TALKING TO THE CHOPPER PILOT BY RADIO TO DIRECT THE DROP. THE THREE PARTIES HAD MOVED TO WHAT THEY THOUGHT WAS A SAFE DISTANCE FROM THE DROP. DURING THE SECOND DROP IS WHEN THE TREE CAME DOWN STRIKING THE VICTIM. HISER STATED HE DID NOT SEE OR KNOW WHAT CAUSED THE TREE TO FALL. HISER DID NOT KNOW IF IT WAS THE WATER HITTING THE TREE OR THE PROP WENT FROM THE CHOPPER

STATEMENTS AND NOTES TAKEN BY
MARK SAYLES (SAFETY OFFICER - CLOVER MIST CAMP)
ARE INCLUDED.

MARK SAYLES
OAK GROVE RANGER STATION
4600 OAK GROVE DR.
LA CANADA CALIF 91011

STATEMENTS FROM THE EMTS WILL BE
TURNED IN LATER.

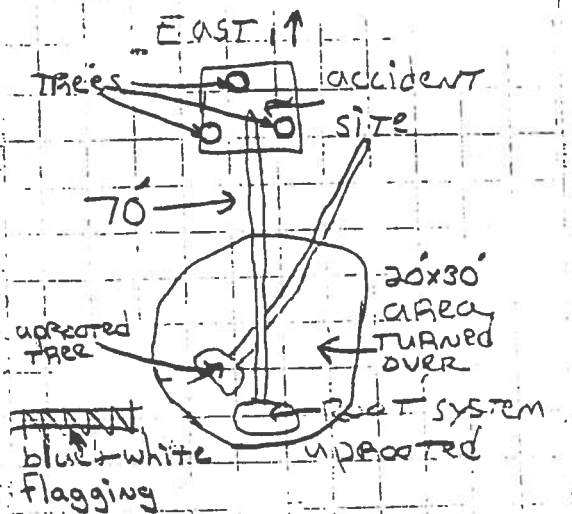
THE VICTIMS HAD THAT WAS PICKUP FROM THE
CREW TENT BY R/O AND HELD FOR DON EASTON

10/11/88 1321
 Sayles, Mark (Safety Office)
 Observations at
 scene

- AREA 70x20 WET
 FROM WATER DROPS

- Snags standing and
 hung-up in other
 trees throughout the
 accident area

- APPARENT TREE THAT
 STRUCK VICTIM NOT
 BROKEN - TREE FELL
 FROM ROOTS



Top of tree broke
 out 4" dia.

10/11/88 1430 hrs.

Statement of events from Leslie Hamberg
Helicopter 121Z was water dropping in area of
accident - Pilot Leslie Hamberg Crew Concepts

Squad Boss requested water drops on hot area

1ST drop was brought in and felt a little
down wind - dropped West to East

2nd drop request was for a spot drop on
area flagged by ribbon

Squad Boss was talking pilot into drop area
by radio

Squad Boss told pilot area was cleared to drop
2nd drop was East to West

Pilot came around after drop and asked squad boss
if additional water drops were needed. Squad Boss
answers back negative have a man down and
bleeding from the mouth and need a Medivac

Pilot informs Crandall base of accident returns
to helibase, drops bucket, takes on fuel.

Leaves helibase with 3 helitack + 2 EMT's for
helispot

Pilot shuts down helicopter and waits to transport
victim

Mark S. Saylor records Statement 10/11/88 1400hrs.

Pilot Leslie Dambing

Squad Boss asked for water drops

1st drop fell down wind a little bit W. to E.

2nd drop requested spot drop on flagging

squad Boss talk pilot to drop

Squad Boss told pilot area was clear for drop

2nd drop E. to W.

Pilot came around after drop ask if squad boss wanted more drops. Squad Boss answers back negative have a man down bleeding from mouth

Pilot informs Crandall Base of accident returns to Helibase, drops bucket, takes on fuel

Leaves with 3 helitack + 2 EMT's to helispot

Pilot shuts down and waits to transport victim

Mark Sayler recorded Statement 10/11/88 1400hrs.

10/11/88 1400hrs.

Statement from: Kirby Cook, John Gregor and
Caroline Nelson Helitack Crew
from Helicopter 121Z
Crew Concepts

11:20 Kirby Cook copied call for a helicopter
medivac.

Copter 121Z was dropping in area of
accident

Ship came back to helibase dropped off
water bucket, took on fuel (closed circuit)

Cook, Gregor, Nelson and two EMT's
boarded Copter 121Z and flew to helispot
near accident site

When ship landed a firefighter was approaching
helicopter (victim's brother)

Firefighter lead EMT's to victim

Cook and Gregor took stretcher to accident
scene where Jill (EMT) and third firefighter
were performing C.P.R.

Cook took victim's brother away from accident
site to calm him down (back to shut down
helicopter)

Gregor assisted in C.P.R. & artificial Respiration
Cook returned to scene and assisted in preparing
stretcher.

Victim placed on a backboard, loaded into
stretcher - C.P.R. continues - then placed
into stretcher.

Carried victim to helicopter stopping several
times to continue C.P.R.

Stretcher placed in helicopter and secured - C.P.R.
continues

Ships lands at Hospital in Cody shortly after
1200 hrs.

En route to hospital Cook contacts hospital
via radio, informs hospital of a Code three,
Condition Red

Arrives hospital shortly after 1200 hrs.

Craig Hiser (firefighter) took victims hardhat &
pack to helibase.

Mark S. Sayles recorded statement 10/11/88 1400 hrs.

11:20 call for Medivac
John Gregor / Kirby Cook / Caroline Nelson
2 EMT + equipment

Ship came in bucket taken off. took on fuel
1ST call to Billings Hospital

Leslie Dember doing bucket work in creek

Firefighter came toward ship when landed (victims
brothers)

Firefighter took EMT's to victim
Cook/Gregor took stretcher to victim

When Cook/Gregor arrived on scene Jill (EMT)
and crewman doing CPR

Cook took victims brother away from scene to
calm him down (back to helicopter)

Gregor assisted in CPR + artificial Respiration
Cook assisted with getting stretcher ready

- 1ST on backboard
loaded victim on stretcher
CPR - then on to stokes

Carried victim to ship stopping to continue
C.P.R.

Placed in ship secured - ship started
C.P.R. continues

Ship lands at Hospital shortly after 1200 hrs.
(over)

Windy Mtno

1012

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form 9120-1
(December 1964)
(formerly 4-1449)

RADIO STATION LOG

TIME (0001- 2400)	STATION CALLED OR CALLING	CODE		Location	Radio Call Sign
		RD - Radio Telephone LL - Landline Telephone VB - Verbal Message MS - Messenger Service	Transmitting Freqs: (circle) F1, F2, F3, F4,		
					Date 10/11/88
		OPERATOR INITIAL			
		INFORMATION			
0943	Duncan Brown <cm			Clower-mist	LT
0954	Helibase <cm				
1110	Clower/Helibase				
1114	Helibase/Clower				
1136	Overheard Medevac - Ch 5				
1138	to Medical				
1140	to Helipad				
1154	Overheard 121 → Helibase				
1156	to Billings				
1159	to Granddall Helibase				
1200	Billings				

Negative Contact

"Message for Duncan Brown: (all Delores & Patricia @ Cody Rehab)
Message to Laurie (situation unit leader) recon DB
available in 15 min otherwise pretty tight

Helibase advised Helibase that Laurie is not available "Copy" DB
Medevac in progress
Asked info on Medevac/Ambulance went to helipad - no other info
What's going on? 3 EMT's went up in 121 & will try
to find spot to land

Notified patient going to Billings
15 helicopter under 9000 lb - yes - it's into an extent
of injury
Helicopter will have to land at Airport - need info on
Nature of injury & E.T.A. if ~~it~~

(X)

windy after

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Radio Call Sign

[illegible]

ON OCTOBER 10, 1988 MY CREW WAS ASSIGNED TO DIVISION H TO MOPUP HOTSPOTS. WE FLEW IN TO HELISPOT 17B ABOUT 0930. AFTER THE CREW ARRIVED WE WENT TO LOCATE A HOTSPOT. THE CREW SPLIT UP AT THE WILDERNESS BOUNDARY OF THE CRANDALL TRAIL AT ABOUT 1000. AT THIS POINT I TOOK ED AND CRAIG WITH ME TO LOCATE THE HOTSPOT ABOVE THE REEF. WE SPOTTED ANOTHER SMOKE TO THE EAST AND WENT TO TAKE CARE OF IT. ABOUT 1030 WE GOT TO THE HOTSPOT AND BEGAN MOPPING IT UP. I CALLED FOR A HELICOPTER TO DO BUCKET DROPS. ED SAID THAT ONE TREE HAD SOME ROOTS BURNED OUT AND SO ALL OF US WERE BEING CAUTIOUS AROUND IT. ABOUT 20-30 MIN. PASSED WHEN WE GOT THE FIRST HELICOPTER DROP. WE CLEARED OUT OF THE AREA, HELICOPTER 121Z DROPPED WATER ON THE SPOT THAT WE HAD FLAGGED. AFTER HE MADE THE INITIAL BUCKET DROP WE WENT IN AND STIRRED IT AROUND AND I REQUESTED ANOTHER BUCKET DROP. ABOUT 5-10 MIN. PASSED AND HELICOPTER 121Z CAME BACK WITH ANOTHER BUCKET OF WATER. WHEN WE HEARD HE WAS INBOUND WE BACKED OFF TO WHAT I THOUGHT WAS A SAFE AREA. WHILE HE MADE HIS BUCKET DROP. I DIRECTED HIM INTO WHERE I WANTED THE WATER, THE ROTOR WASH STIRRED UP DIRT AND WATER SO THAT WE COULDN'T SEE. ED WAS 2-3 FT. BEHIND ME. I SAW A SHADOW GO BY AND THEN I TURNED AROUND, THE DUST HAD CLEARED AND ED WAS DOWN. WE WERE BOTH STANDING BEHIND SOLID ANCHORED TREES IN AN AREA THAT WAS UNBURNED. I CALLED FOR A MEDIC IMMEDIATELY AT APPROXIMATELY 1130 AND WENT TO ED TO HELP HIM (ED HAD ALL HIS PERSONAL PROTECTIVE EQUIPMENT ON). CRAIG AND I ADMINISTERED MOUTH TO MOUTH AND CPR. MEDIVAC ARRIVED WITHIN 5-10 MIN. AND TOOK HIM AND I TO THE HOSPITAL IN CODY.



CLIFF HUTTON

My commission expires on 3-26-90
Lordon A. Senior

CLIFF HUTTON'S FIRE TRAINING/EXPERIENCE:

CLIFF BEGAN WORKING IN 1981.

TRAINING:

3-110
3-130
3-190
3-211
3-212

EVERY YEAR, LAST IN 1988.

4X4 DRIVING

FIRST AID

CPR

3-230 (86)

3-260 (86)

3-270 (86)

1-220

1-330 (87)

HELITACK (FT. WASHAKIE - 93)

EXPERIENCE:

NUMEROUS FIRES IN AND OUT OF DISTRICT AS FIREFIGHTER, SQUAD BOSS, ENGINE CREWMAN, ENGINE FOREMAN, FIELD OBSERVOR.

CREW BOSS ASSIGNMENTS IN 1988: 3 TIMES (ROCHELLE HILLS, DORN DRAW, CLOVER-MIST).

HAS WORKED WITH HELICOPTERS DROPPING WATER (WITH BUCKETS AND FIXED TANKS BOTH) OFTEN.

ED HUTTON'S FIRE TRAINING AND EXPERIENCE:

BEGAN WORKING IN 1988.

TRAINING:

1-220

3-130

3-190

3-211

3-212

* Marion Matthews (Bem)
328-2269 called me
and said the No. of times
should be 4 and include
the Mink Creek Fire.
+ recheck
10-24-88

EXPERIENCE:

WORKED ON SEVERAL IN-DISTRICT FIRES AS FIREFIGHTER AND ENGINE CREWMAN.

ALL TRAINING GIVEN AT THE CASPER DISTRICT OFFICE UNLESS OTHERWISE

James A. Johnson
10-19-88



Have you been a good
Forest Service Host today?

Craig Hiser's training

- fire orientation at work
center (2 seasons)

- S 130 } 6/15-17/88
S 190 }

Mary Randolph obtained this info. today
(10/14/88) from the Douglas RD office (Judy)

S-130 = Basic Fire Fighting

S-190 = Basic Fire Behavior



EXHIBITS

- a. Maps of area - Wyoming State map, Shoshone Forest map, Topographical Fire map
- b. Drawing of accident area and legal description
- c. Clippings from October 12, 1988 Billings Gazette and October 12, 1988 Casper Starr Tribune on the incident
- d. Copy of October 10, 1988 crew time report (day before incident)
- e. Copy of October 9, 10, and 11 Day Shift Plan
- f. Unit log - Helicopter Manager, Steve Davis (10/11/88)
- g. Unit log - Helibase Manager, Bernie Wiengardt (10/11/88)
- h. Radio Station Log - October 11, 1988

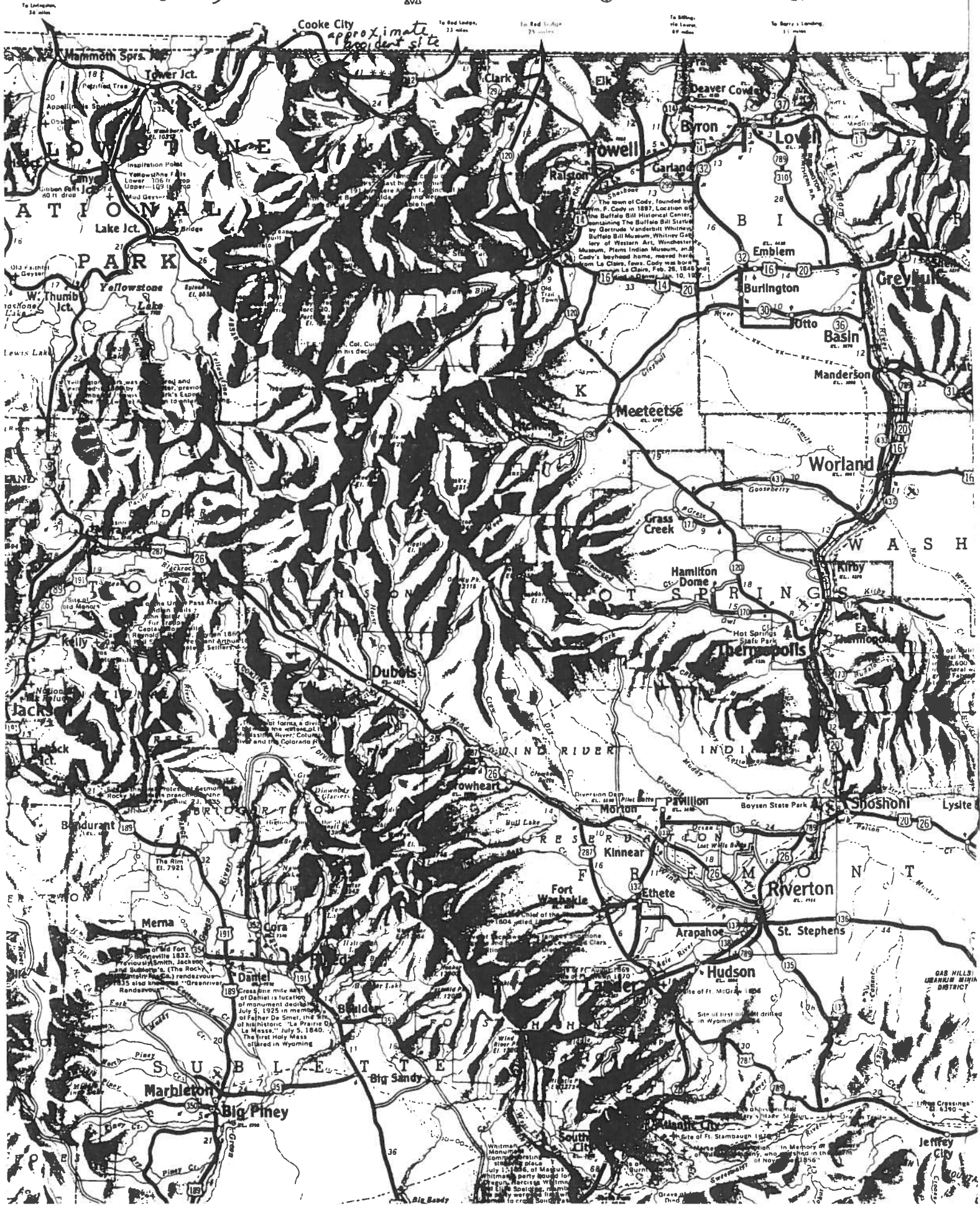
Wyoming State Map

M

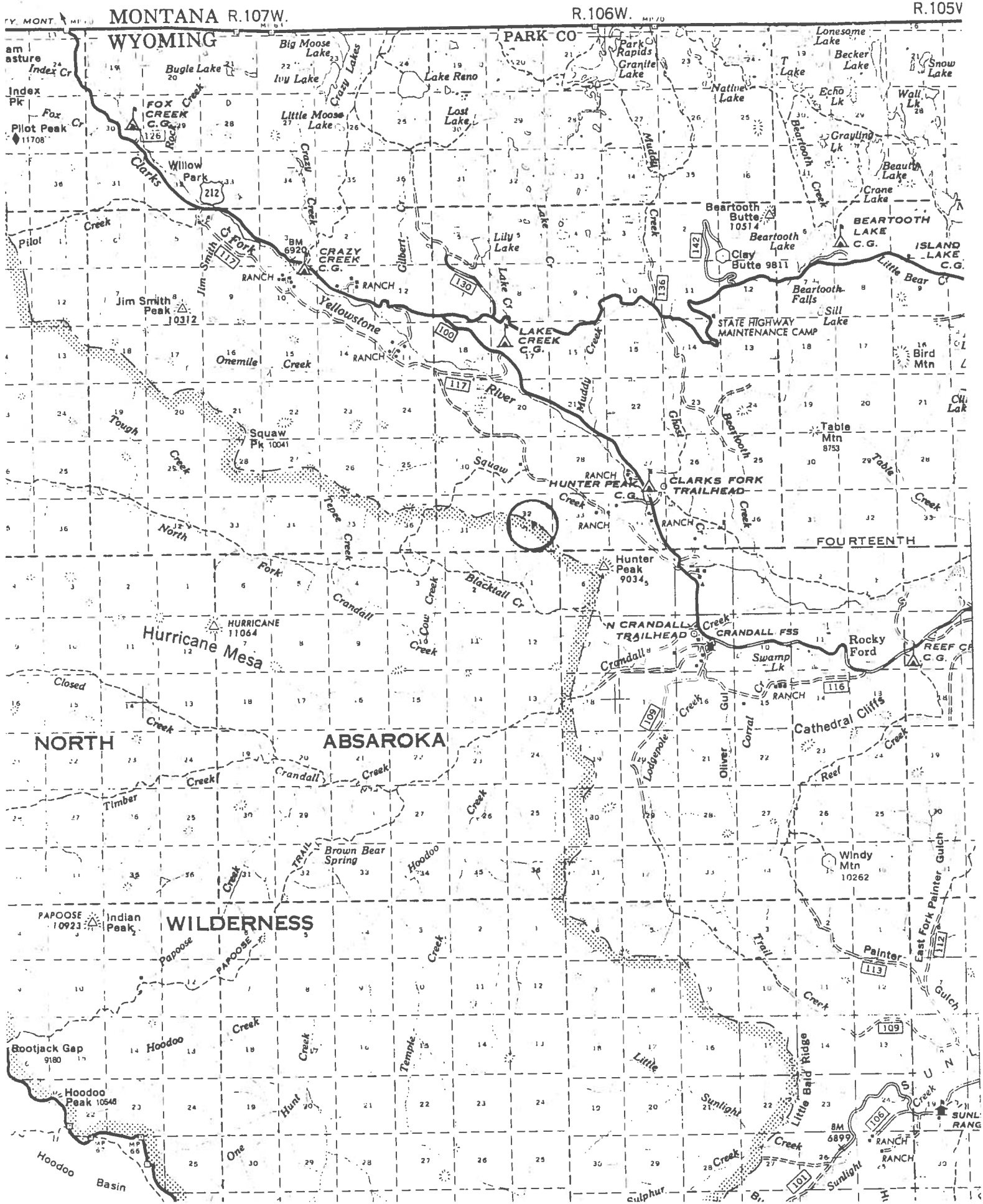
O

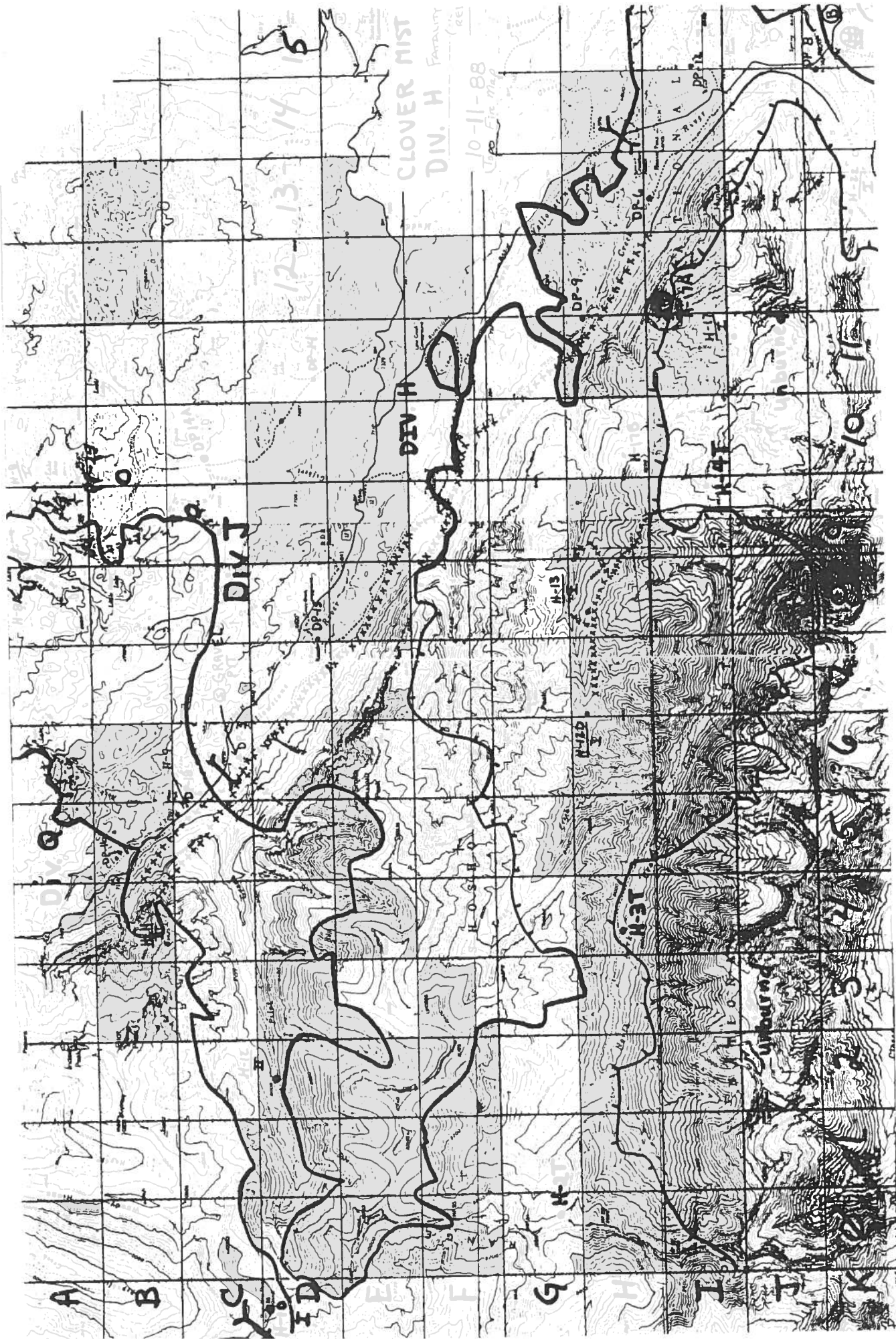
N

14a



Shoshone forest map





CLOVER HST
DIV. H

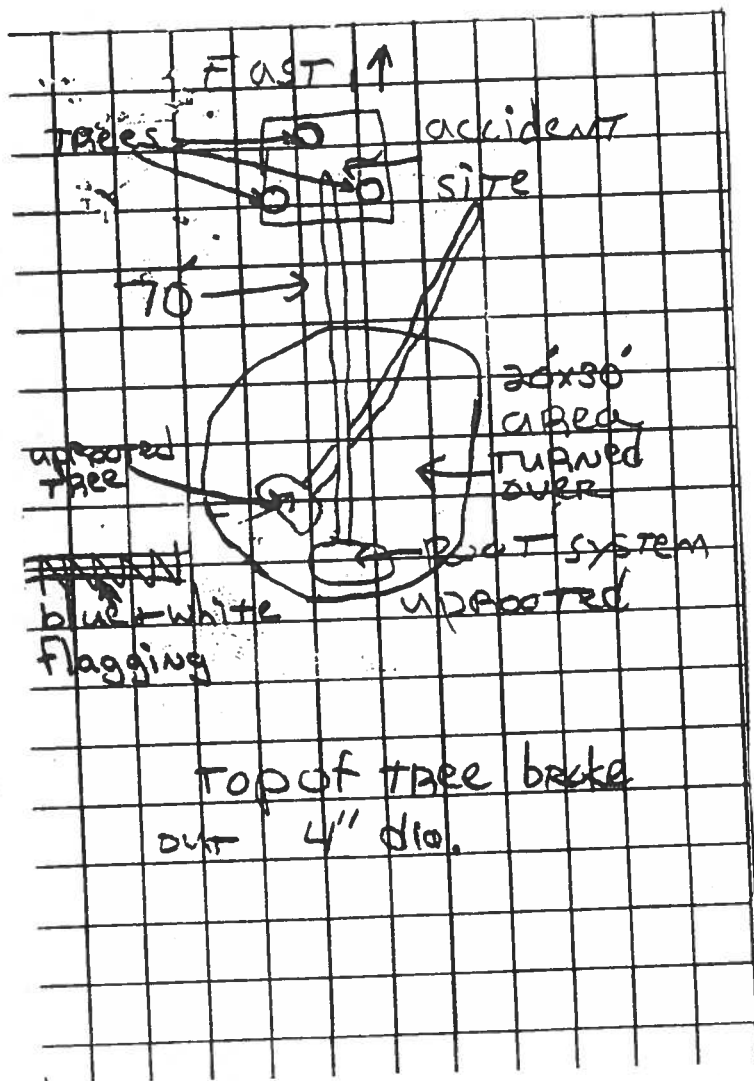
10-11-88

DIV J

DIV H

DIV G

unburned



$\textcircled{T} = \text{True}$

1011

APPROXIMATELY TO SCALE W. NIEJING¹⁰

15/5/11

(F)
Thyging drafted in trees
by the pilot to make
jump. One prior
descent.

off to tell pointing when I am unsure of pronunciation)

480.51

65' 7/8" →

70% α D-20

Not yet walked over with hand tools
by crew! prone to weathering.

Victims are back under
EAT as usual, but many
have been involved when
coming or they started P.R.

fell some time after accident occurred and never
investigation team arrived following day.

1. Legal description of location of accident.

~~SE 1/4~~ SE 1/4, Sec. 32, T57N, R106W

2. Name +
Address of witnesses:

a. Cliff Hutton

Casper, WY 82604

b. Craig Niser

Glenrock, WY 82637

3.

11:25 AM on 10/11/88

Time of call for medicine.

14c



COPYRIGHT 1988,
BILLINGS GAZETTE

FRONT PAGE

WED. Oct 12
1988

Firefighter is killed by falling tree

By DENNIS GAUB
Of The Gazette Staff
and The Associated Press

A Bureau of Land Management firefighter from Casper, Wyo., was killed Tuesday on the Clover-Mist Fire when a dead tree fell on him, a fire-information officer said.

Edward Hutton, 26, was working with an interagency crew in the Shoshone National Forest when the accident occurred at about 11:30 a.m., according to spokesman Lynn Young.

Meanwhile, between 300 and 500 acres of burning forest sent columns of smoke into the air Tuesday as hot, dry weather returned optimum burning conditions to nearby Yellowstone National Park, park spokesmen said.

The squad working in Shoshone National Forest had prepared an area for a helicopter water drop and was waiting at the edge of a meadow when the 72-foot tree fell silently and struck Hutton from behind.

A helicopter was dispatched to the scene and took Hutton's body to the West Park Hospital in Cody. A five-person accident-investigation team traveled to the site to gather more details about the accident, Young said.

Falling snags have accounted for at least one other fatality on

Western fires this summer, and they have caused other serious injuries. Young said the snags are dangerous because their root systems can burn out and then they can fall without warning.

Fire-management officer Phil Perkins said the burning areas in Yellowstone are in what he called "islands of unburned trees within the perimeters of the burned areas."

Fires swept this summer through more than half the 2.2-million-acre park, but large areas within the burned perimeters never burned, he said, "so there is still a lot left to burn, potentially."

Fire-information officer Steve Frye said Tuesday night that recent weather patterns have caused park fires to become more active.

Frye said the fires increased their size Tuesday by less than 100 acres.

A 10-person firefighting crew was sent Tuesday to protect the Pelican Cone Lookout station, around eight miles north of Yellowstone Lake, Perkins said, because a hot spot of the Clover-Mist fire may make a run toward the lookout.

Hot spots totaling about 150 acres are burning in the Tower Junction area, but none threaten property, he said.

Clover-Mist firefighter killed by falling tree

By CAROLE LEGG
Star-Tribune correspondent

CRANDALL — A Clover-Mist firefighter died Tuesday after being struck on the head by a falling snag as he and his crew worked mopping up hot spots, according to a U.S. Forest Service spokesman.

Edward Hutton, 26, of Casper was killed when a tree fell over and hit him on the head while working with a 20-person hand crew at Hunter Peak, according to Jim Ahern, fire information officer at the Shoshone National Forest office in Cody. The 72-foot tall dead tree fell silently and struck him from behind," Ahern said.

Hutton's death is the first firefighter fatality recorded in the summer-long battle against the forest fires burning in Yellowstone National Park and surrounding national forests. Hutton was employed as a recreation aide with the Bureau of Land Management and dispatched as a firefighter, according to Tim Monroe, BLM Casper district manager.

Hutton was dead on arrival at West Park Hospital in Cody where he was transported from the forest by helicopter, according to Park County Coroner Don Easton.

The fatal accident occurred only days after a swamper, Al Lorenson, 33, of Cortez, Colo., sustained a crushed vertebrae from a falling tree in the Crandall area.

Because of the two accidents reported within a week, fire management decided to remove all ground crews from their work Tuesday, Mitchell said.

"We pulled everybody off the line and we are regrouping," he said.

The fatal injury came as Clover-Mist firefighting operations were winding down and crews were being gradually removed from the Crandall area.

By Friday there are expected to be only two helicopters and two helitack crews remaining to fight hot spots on the Clover-Mist fire, according to Mitchell.

He said only helicopter work continued Tuesday following the accident.

STAR-TRIBUNE, Casper, Wyo., page B1 10/12/88

CREW TIME REPORT

(1) CREW NAME Big Horn Basin (2) CREW NUMBER #10
 (3) OFFICE RESPONSIBLE FOR FIRE Clower - Mist (4) FIRE NAME
 (5) FIRE NUMBER

(6) PE- MARKS NO	(7) NAME OF EMPLOYEE	(8) CLASSIF- ICATION	(9) DATE <u>10/10</u>		(10) DATE	
			Military Time		Military Time	
			ON	OFF	ON	OFF
✓	Cliff Hutton		0700	1900		
✓	Ed Hutton		0700	1830		
✓	Deycie Dunlap					
✓	Grant Hoggan					
✓	Richard Ratcliff					
✓	John Burns					
✓	Robin Paris					
✓	Cernia McDermott					
✓	Becky Boner					
✓	John Murray					
✓	Bob Janssen					
✓	John Young					
✓	Stan Penrod					
✓	Mark Paul					
✓	Diane Picken					
✓	Sharon Paul					
✓	Craig Hiber					
✓	Vic Nicodemus					
✓	Kim Gullickson					

(11) REMARKS Hazard for All
Time shown includes 1/2 hour for
lunch

(12) OFFICER IN CHARGE (Signature) [Signature] (13) TITLE (Officer in-Charge) DIV. SUP.
 (14) NAME (Person Posting to Emergency Time Report) (15) DATE

14d

CREW TIME REPORT

(1) CREW NAME Big Horn Basin			(2) CREW NUMBER # 10		
(3) OFFICE RESPONSIBLE FOR FIRE			(4) FIRE NAME Claver - Mist		
(6)	(7)	(8)	(9)		(10)
RE- MARKS NO	NAME OF EMPLOYEE	CLASSIF- ICATION	DATE 10/10		DATE
			Military Time		Military Time
			ON	OFF	ON
✓	Cliff Hutton		0700	1900	
✓	Ed Hutton		0700	1830	
✓	Deycie Dunkin				
✓	Grant Hoggan				
✓	Richard Ratchiff				
✓	John Burns				
✓	Robin Paris				
✓	Carnie McDermott				
✓	Becky Bower				
✓	John Murray				
✓	Bob Janssen				
✓	John Young				
✓	Stan Penrod				
✓	Mark Paul				
✓	Diane Picken				
✓	Sharon Paul				
✓	Craig Hoyer				
✓	Vic Nicodemus				
✓	Kim Gullickson				
(11) REMARKS Hazard for All Time shown includes 1/2 hour for lunch					
(12) OFFICER IN CHARGE (Signature) <i>[Signature]</i>			(13) TITLE (Officer-in-Charge) PLV. SUP.		
(14) NAME (Person Posting to Emergency Time Report)			(15) DATE		

CLOVER MIST

BEWARE OF THE GRIZZ'S !



DAY SHIFT
PLAN

OCTOBER 9, 1988

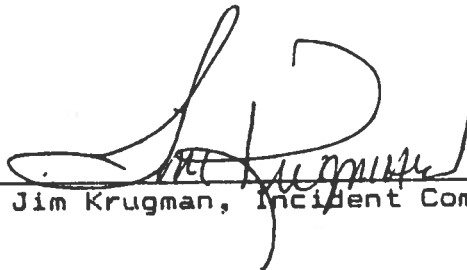
CLOVER MIST INCIDENT

EQUAL OPPORTUNITY EMPLOYMENT POLICY

All primary members currently assigned to the Rocky Mountain Class II Team fully support the Laws, Regulations, and policies pertaining to the civil rights of all firefighting personnel. Inappropriate behavior including but not restricted to gender and racial harassment, sexual harassment, or any form of discrimination will not be tolerated. All Chiefs, Supervisors, and Managers in addition to all Crewleaders and firefighters are expected to take immediate action when examples of inappropriate behavior occur.

The EEO Counselor assigned to the Clover Mist Incident by the Shoshone National Forest is:

Rudy Candelaria Locations: Logistics Trailer



Jim Krugman, Incident Commander

1. INCIDENT NAME	12. DATE	13. TIME
CLOVER MIST	PREPARED 10/08/88	PREPARED 1600

OPERATIONAL PERIOD (DATE/TIME)
10/09/88 0700 - 1900

GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES)

1. The priority above all others on this Incident will continue to be for the safety, health, and well being of all firefighters, overhead, and support personnel.
2. All individuals assigned to this Incident are expected to be responsive to the Laws and regulations pertinent to the civil rights of all fellow firefighters irregardless of race color, creed, sex, religion, or National origin.
3. Continue to provide for the protection of structures both in the Crandall and it's surrounding areas as needed. Monitor all contained fire edges.
4. Use control strategy as defined in the Escaped Fire Situationn Analysis.
5. Coordinate and provide for an orderly and scheduled demobilization of all resources.

WEATHER FORECAST FOR OPERATIONAL PERIOD

See weather forecast.

GENERAL/SAFETY MESSAGE:

BEWARE OF FALLING SNAGS. KEEP DRIVING DEFENSIVELY--LIGHTS ON
KEEP IT SLOW. BE SURE DRIVERS GOING TO THE FIRELINE HAVE
INOMEX AND SHELTERS.

CONTENTS:

ANIZATION LIST (ICS 203)
ISION ASSIGNMENTS (ICS 204)
MUNICATIONS PLAN (ICS 205)
ICAL PLAN (ICS 206)
E BEHAVIOR FORECAST

EQUAL OPPORTUNITY POLICY
FIRE WEATHER FORECAST
AIR OPERATIONS SUMMARY
SAFETY MESSAGE
TOPOS MAPS
TOOL LIST

PREPARED BY (PLANNING SECTION CHIEF)

/ BOB IRVINE

110. APPROVED BY (INCIDENT COMMANDER)

[Signature]

ORGANIZATION ASSIGNMENT LIST		1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED
ICS 203 (1/82)		CLOVER MIST	10/08/88	1415
POSITION	NAME	4. OPERATIONAL PERIOD (DATE/TIME)		
		10/09/88 0700 - 1930		
5. - INCIDENT COMMANDER AND STAFF				
INCIDENT COMMANDER	JIM KRUGMAN	9. OPERATIONS SECTION		
		CHIEF		
		LARRY ROBINSON		
		DEAN BERGER		
SAFETY OFFICER	BILL KIGHT / AL PEARSON	11. BRANCH II - DIVISIONS		
INFORMATION OFFICER	MARK SAYLES	12. BRANCH DIRECTOR		
	VERN SCHMITT	13. DIVISION		
		14. DIVISION		
		15. DIVISION		
		16. DIVISION		
		17. DIVISION		
		18. DIVISION		
		19. DIVISION		
		20. DIVISION		
		21. DIVISION		
		22. DIVISION		
		23. DIVISION		
		24. DIVISION		
		25. DIVISION		
		26. DIVISION		
		27. DIVISION		
		28. DIVISION		
		29. DIVISION		
		30. DIVISION		
		31. DIVISION		
		32. DIVISION		
		33. DIVISION		
		34. DIVISION		
		35. DIVISION		
		36. DIVISION		
		37. DIVISION		
		38. DIVISION		
		39. DIVISION		
		40. DIVISION		
		41. DIVISION		
		42. DIVISION		
		43. DIVISION		
		44. DIVISION		
		45. DIVISION		
		46. DIVISION		
		47. DIVISION		
		48. DIVISION		
		49. DIVISION		
		50. DIVISION		
		51. DIVISION		
		52. DIVISION		
		53. DIVISION		
		54. DIVISION		
		55. DIVISION		
		56. DIVISION		
		57. DIVISION		
		58. DIVISION		
		59. DIVISION		
		60. DIVISION		
		61. DIVISION		
		62. DIVISION		
		63. DIVISION		
		64. DIVISION		
		65. DIVISION		
		66. DIVISION		
		67. DIVISION		
		68. DIVISION		
		69. DIVISION		
		70. DIVISION		
		71. DIVISION		
		72. DIVISION		
		73. DIVISION		
		74. DIVISION		
		75. DIVISION		
		76. DIVISION		
		77. DIVISION		
		78. DIVISION		
		79. DIVISION		
		80. DIVISION		
		81. DIVISION		
		82. DIVISION		
		83. DIVISION		
		84. DIVISION		
		85. DIVISION		
		86. DIVISION		
		87. DIVISION		
		88. DIVISION		
		89. DIVISION		
		90. DIVISION		
		91. DIVISION		
		92. DIVISION		
		93. DIVISION		
		94. DIVISION		
		95. DIVISION		
		96. DIVISION		
		97. DIVISION		
		98. DIVISION		
		99. DIVISION		
		100. DIVISION		
		101. DIVISION		
		102. DIVISION		
		103. DIVISION		
		104. DIVISION		
		105. DIVISION		
		106. DIVISION		
		107. DIVISION		
		108. DIVISION		
		109. DIVISION		
		110. DIVISION		
		111. DIVISION		
		112. DIVISION		
		113. DIVISION		
		114. DIVISION		
		115. DIVISION		
		116. DIVISION		
		117. DIVISION		
		118. DIVISION		
		119. DIVISION		
		120. DIVISION		
		121. DIVISION		
		122. DIVISION		
		123. DIVISION		
		124. DIVISION		
		125. DIVISION		
		126. DIVISION		
		127. DIVISION		
		128. DIVISION		
		129. DIVISION		
		130. DIVISION		
		131. DIVISION		
		132. DIVISION		
		133. DIVISION		
		134. DIVISION		
		135. DIVISION		
		136. DIVISION		
		137. DIVISION		
		138. DIVISION		
		139. DIVISION		
		140. DIVISION		
		141. DIVISION		
		142. DIVISION		
		143. DIVISION		
		144. DIVISION		
		145. DIVISION		
		146. DIVISION		
		147. DIVISION		
		148. DIVISION		
		149. DIVISION		
		150. DIVISION		
		151. DIVISION		
		152. DIVISION		
		153. DIVISION		
		154. DIVISION		
		155. DIVISION		
		156. DIVISION		
		157. DIVISION		
		158. DIVISION		
		159. DIVISION		
		160. DIVISION		
		161. DIVISION		
		162. DIVISION		
		163. DIVISION		
		164. DIVISION		
		165. DIVISION		
		166. DIVISION		
		167. DIVISION		
		168. DIVISION		
		169. DIVISION		
		170. DIVISION		
		171. DIVISION		
		172. DIVISION		
		173. DIVISION		
		174. DIVISION		
		175. DIVISION		
		176. DIVISION		
		177. DIVISION		
		178. DIVISION		
		179. DIVISION		
		180. DIVISION		
		181. DIVISION		
		182. DIVISION		
		183. DIVISION		
		184. DIVISION		
		185. DIVISION		
		186. DIVISION		
		187. DIVISION		
		188. DIVISION		
		189. DIVISION		
		190. DIVISION		
		191. DIVISION		
		192. DIVISION		
		193. DIVISION		
		194. DIVISION		
		195. DIVISION		
		196. DIVISION		
		197. DIVISION		
		198. DIVISION		
		199. DIVISION		
		200. DIVISION		
		201. DIVISION		
		202. DIVISION		
		203. DIVISION		
		204. DIVISION		
		205. DIVISION		
		206. DIVISION		
		207. DIVISION		
		208. DIVISION		
		209. DIVISION		
		210. DIVISION		
		211. DIVISION		
		212. DIVISION		
		213. DIVISION		
		214. DIVISION		
		215. DIVISION		
		216. DIVISION		
		217. DIVISION		
		218. DIVISION		
		219. DIVISION		
		220. DIVISION		
		221. DIVISION		
		222. DIVISION		
		223. DIVISION		
		224. DIVISION		
		225. DIVISION		
		226. DIVISION		
		227. DIVISION		
		228. DIVISION		
		229. DIVISION		
		230. DIVISION		
		231. DIVISION		
		232. DIVISION		
		233. DIVISION		
		234. DIVISION		
		235. DIVISION		
		236. DIVISION		
		237. DIVISION		
		238. DIVISION		
		239. DIVISION		
		240. DIVISION		
		241. DIVISION		
		242. DIVISION		
		243. DIVISION		
		244. DIVISION		
		245. DIVISION		
		246. DIVISION		
		247. DIVISION		
		248. DIVISION		
		249. DIVISION		
		250. DIVISION		
		251. DIVISION		
		252. DIVISION		
		253. DIVISION		
		254. DIVISION		
		255. DIVISION		
		256. DIVISION		
		257. DIVISION		
		258. DIVISION		
		259. DIVISION		
		260. DIVISION		
		261. DIVISION		
		262. DIVISION		
		263. DIVISION		
		264. DIVISION		
		265. DIVISION		
		266. DIVISION		
		267. DIVISION		
		268. DIVISION		
		269. DIVISION		
		270. DIVISION		
		271. DIVISION		
		272. DIVISION		
		273. DIVISION		
		274. DIVISION		
		275. DIVISION		
		276. DIVISION		
		277. DIVISION		
		278. DIVISION		
		279. DIVISION		
		280. DIVISION		
		281. DIVISION		
		282. DIVISION		
		283. DIVISION		
		284. DIVISION		
		285. DIVISION		
		286. DIVISION		
		287. DIVISION		
		288. DIVISION		
		289. DIVISION		
		290. DIVISION		
		291. DIVISION		
		292. DIVISION		
		293. DIVISION		
		294. DIVISION		
		295. DIVISION		
		296. DIVISION		
		297. DIVISION		
		298. DIVISION		
		299. DIVISION		
		300. DIVISION		
		301. DIVISION		
		302. DIVISION		
		303. DIVISION		
		304. DIVISION		
		305. DIVISION		
		306. DIVISION		
		307. DIVISION		
		308. DIVISION		
		309. DIVISION		
		310. DIVISION		
		311. DIVISION		
		312. DIVISION		
		313. DIVISION		
		314. DIVISION		
		315. DIVISION		
		316. DIVISION		
		317. DIVISION		
		318. DIVISION		
		319. DIVISION		
		320. DIVISION		
		321. DIVISION		
		322. DIVISION		
		323. DIVISION		
		324. DIVISION		
		325. DIVISION		
		326. DIVISION		
		327. DIVISION		
		328. DIVISION		
		329. DIVISION		
		330. DIVISION		
		331. DIVISION		
		332. DIVISION		
		333. DIVISION		
		334. DIVISION		
		335. DIVISION		
		336. DIVISION		
		337. DIVISION		
		338. DIVISION		
		339. DIVISION		
		340. DIVISION		
		341. DIVISION		
		342. DIVISION		
		343. DIVISION		
		344. DIVISION		
		345. DIVISION		
		346. DIVISION		
		347. DIVISION		
		348. DIVISION		
		349. DIVISION		
		350. DIVISION		
		351. DIVISION		
		352. DIVISION		
		353. DIVISION		
		354. DIVISION		
		355. DIVISION		
		356. DIVISION		
		357. DIVISION		
		358. DIVISION		
		359. DIVISION		
		360. DIVISION		
		361. DIVISION		
		362. DIVISION		
		363. DIVISION		
		364. DIVISION		
		365. DIVISION		
		366. DIVISION		
		367. DIVISION		
		368. DIVISION		
		369. DIVISION		
		370. DIVISION		
		371. DIVISION		
		372. DIVISION		
		373. DIVISION		
		374. DIVISION		
		375. DIVISION		
		376. DIVISION		
		377. DIVISION		
		378. DIVISION		
		379. DIVISION		
		380. DIVISION		
		381. DIVISION		
		382. DIVISION		
		383. DIVISION		
		384. DIVISION		
		385. DIVISION		
		386. DIVISION		
</				

```

=====
DIVISION ASSIGNMENT LIST      11. BRANCH      12. DIVISION
      ICS 204 (1/82)          |      IV          |      F, N
=====
3. INCIDENT NAME              14. OPERATIONAL PERIOD
      CLOVER MIST              |      DATE 10/09/88
                                |      TIME 0700 - 1930
=====

```

5. OPERATIONS PERSONNEL

OPERATIONS CHIEF LARRY ROBINSON DIVISION SUPERVISOR UNASSIGNED

BRANCH DIRECTOR LARRY ROBINSON AIR ATTACK SUPERVISOR _____

6. RESOURCES ASSIGNED THIS PERIOD

STRIKE TEAM/TASK FORCE/ RESOURCE DESIGNATOR	LEADER	NUMBER PERSONS	TRANS. NEEDED	DROP OFF PT/TIME	PICK UP PT/TIME
HELITACK				AS NEEDED	

7. CONTROL OPERATIONS

- PATROL BY HELICOPTER. OPERATIONS WILL MONITOR AS PART OF LINE RECON.
- MOP UP SPOTS WITH HELITACK AS DETECTED.

8. SPECIAL INSTRUCTIONS

OPERATIONS AND FIRE BEHAVIOR OFFICER WILL DO RECON OF DIVISIONS F, N, P, G, H AND J AT APPROX. 1200. TWO REPORTERS MAY ACCOMPANY ON FLIGHT. FLIGHT WILL LAST 1.5 TO 2 HOURS.

9. DIVISION/GROUP COMMUNICATION SUMMARY

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL	SEE COMMUNICATIONS PLAN			STAT/LOCAL			
COMMAND: REPEAT				LOGIST: REPEAT			
DIV/GROUP TACT				GROUND TO AIR			

PREPARED BY (RESOURCE UNIT LEADER)	APPROVED BY (PLANNING SECTION CHIEF)	DATE	TIME
/s/ DICK BERKHOLZ	/s/ BOB IRVINE	10/08/88	2100

```

=====
DIVISION ASSIGNMENT LIST      1. BRANCH      2. DIVISION
      ICS 204 (1/82)          I      II          G- H
=====
3. INCIDENT NAME              4. OPERATIONAL PERIOD
      CLOVER MIST              DATE 10/09/88
                                TIME 0700 - 1930
=====

```

5. OPERATIONS PERSONNEL

OPERATIONS CHIEF LARRY ROBINSON DIVISION SUPERVISOR JOHN DENISON

BRANCH DIRECTOR LARRY ROBINSON AIR ATTACK SUPERVISOR NO. _____

6. RESOURCES ASSIGNED THIS PERIOD

STRIKE TEAM/TASK FORCE/ RESOURCE DESIGNATOR	LEADER	NUMBER PERSONS	TRANS. NEEDED	DROP OFF PT/TIME	PICK UP PT/TIME
BIG HORN BASIN # 10	C. HUTTON	19	N	H-17B 0800	H-17B 1800
WILDWEST #5	R. PARKER	16	N		RETURN TO BASE @ 1900
STRIKE TEAM LEADER	J. VINYARD	1	N	H-17B 0800	H-17B 1800
COLORADO RIVER	D. NEWBOLD	18	Y	H-13 0800	H-13 1800
YAMPA # 1	G. HARRIS	10	Y	H-13 0800	H-13 1800
FALLING TEAM	HARRISON/DILL	2	N	SQUAW CR RD. 0800	BASE BY 1800

7. CONTROL OPERATIONS

- WILDWEST # 5 ENGINE T/F WILL PATROL DIVISION AND MOP UP FROM ROADS TO THE EXTENT POSSIBLE.
- BIG HORN BASIN # 10 WILL MOP UP SMOKES NEAR H-17B.
- COLORADO RIVER & YAMPA #1 WILL MOP UP SMOKES NEAR H-13.
- HARRISON/DILL LOP AND LIMB TREES ALONG SQUAW CREED ROAD - PER INSTRUCTIONS FROM DIVISION SUP.

8. SPECIAL INSTRUCTIONS

- TWO HELICOPTERS DIPPING FROM FOAM TANK AT L-7 RANCH TO SUPPORT CREWS.

9. DIVISION/GROUP COMMUNICATION SUMMARY

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL	SEE COMMO PLAN			STAT/LOCAL			
COMMAND/REPEAT				LOGIST/REPEAT			
DIV/GROUP TACT				GROUND TO AIR			

PREPARED BY (RESOURCE UNIT LEADER)	APPROVED BY (PLANNING SECTION CHIEF)	DATE	TIME
/s/ DICK BERKHOLZ	/s/ BOB IRVINE	10/08/88	2100

```

=====
DIVISION ASSIGNMENT LIST          1. BRANCH          12. DIVISION
      ICS 204 (1/82)              I      II              J
=====
3. INCIDENT NAME                      14. OPERATIONAL PERIOD
      CLOVER MIST                      DATE 10/09/88
                                          TIME 0700 - 1930
=====
5. OPERATIONS PERSONNEL

```

OPERATIONS CHIEF DEAN BERGER

DIVISION SUPERVISOR CHUCK DENNIS

BRANCH DIRECTOR DEAN BERGER

AIR ATTACK SUPERVISOR

6. RESOURCES ASSIGNED THIS PERIOD

STRIKE TEAM/TASK FORCE/	NUMBER	TRANS.	DROP OFF	PICK UP
RESOURCE DESIGNATOR	PERSONS	NEEDED	PT/TIME	PT/TIME
STRIKE TEAM LEADER	1		DP-25 0800	H-8A 1700
RIO GRANDE	20	Y	DP-25 0800	H-8A 1700
SHO/RAP # 60	17	Y	DP-25 0800	H-8A 1700
SHO/RAP # 61	17	Y	DP-25 0800	H-8A 1700
STRIKE TEAM LEADER	1	Y	DP-25 0800	DP-25 1900
SHO/RAP # 62	18	Y	DP-25 0800	DP-25 1900
SHO/RAP # 63	18	Y	DP-25 0800	DP-25 1900
STRIKE TEAM LEADER (TR)	1	Y	H-5 0800	H-8A 1700
MEDICINE BOW	19	Y	H-5 0800	H-8A 1700
SLV # 1	16	Y	H-5 0800	H-8A 1700
STRIKE TEAM LEADER	1	Y	H-7B 0800	H-7B 1700
PIKE	20	Y	H-7B 0800	H-7B 1700
SHO/RAP # 64	16	Y	H-7B 0800	H-7B 1700

7. CONTROL OPERATIONS:

- MOPUP ALL SMOKES WITHIN THE FIRST 400 FEET OF BURNED AREA ENCOUNTERED, MOVING INWARD AT A 90 d. ANGLE TO THE CONTROL LINE. USE HELIBUCKET SUPPORT ON HOTSPOTS IN AREAS EXCEEDING THAT 400 FEET. CONTINUE USE OF HOSE LAYS IN SUPPORT OF MOPUP.

8. SPECIAL INSTRUCTIONS

- HELICOPTER TO PATROL FROM HIGHWAY NORTH TO DP-25.
- RECON FOR SUMMERFELT.
- CREWS TO WORK IN PAIRS WITH ONE INDIVIDUAL ACTING AS LOOKOUT IN ALL HAZARDOUS SITUATIONS.
- LOOKOUT WITH AIR HORN TO BE POSTED DURING ALL SAW AND HIGH PRESSURE NOZZLE WORK.
- HOTSPOTS IN OR ADJACENT TO BOGS WILL BE WORKED BY HELIBUCKET ONLY - PERSONNEL TO STAND CLEAR.
- BREAK DOWN AND STOCKPILE ALL EQUIPMENT NOT NEEDED FOR SUPPRESSION EFFORT AND PROVIDE INVENTORY.
- SPECIAL INSTRUCTIONS TO BE GIVEN TO STL'S FOLLOWING 0700 BRIEFING.

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL	SEE COMMUNICATIONS PLAN			STAT/LOCAL			
COMMAND: REPEAT:				LOGIST: REPEAT:			
DIV/GROUP TACT				GROUND TO AIR:			
PREPARED BY	APPROVED BY			DATE	TIME		
(RESOURCE UNIT LEADER)	(PLANNING SECTION CHIEF)						
/s/DICK BERKHOLZ	/s/BOB IRVINE			10-08-88	1900		

DIVISION ASSIGNMENT LIST
ICS 204 (1/82)

1. BRANCH
IV

2. DIVISION
P

3. INCIDENT NAME

CLOVER MIST

4. OPERATIONAL PERIOD
DATE 10/09/88
TIME 0700 - 1930

5. OPERATIONS PERSONNEL

OPERATIONS CHIEF LARRY ROBINSON

DIVISION SUPERVISOR G. GODEBOLT

BRANCH DIRECTOR LARRY ROBINSON

AIR ATTACK SUPERVISOR

6. RESOURCES ASSIGNED THIS PERIOD

STRIKE TEAM/TASK FORCE/ RESOURCE DESIGNATOR	LEADER	NUMBER PERSONS	TRANS. NEEDED	DROP OFF PT/TIME	PICK UP PT/TIME
STRIKE TEAM LEADER	C. DUNFEE	1	YES	H-70 0800	H-70 1800
SLV # 2	J. CUNIO	18	YES	H-70 0800	H-70 1800
EAGLE ENG T/F	G. KIZER	8	NO		RETURN TO BASE 1900

7. CONTROL OPERATIONS

-- EAGLE TASK FORCE PATROL AND MOP UP ALONG ALL ROADS IN DIVISION.

-- SLV # 2 WILL BE FLOWN TO HOT SPOTS NEAR H-70.

8. SPECIAL INSTRUCTIONS

-- ONE HELICOPTER DIPPING FROM POND TO SUPPORT CREW.

-- STRIKE TEAM LEADER OR CREW BOSS CONTACT CRANDALL HELIBASE FOR BUCKET SUPPORT

9. DIVISION/GROUP COMMUNICATION SUMMARY

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL	SEE COMMO. PLAN			STAT/	LOCAL		
COMMAND/ REPEAT				LOGIST/ REPEAT			
DIV/GROUP TACT				GROUND TO AIR		KING	

PREPARED BY (RESOURCE UNIT LEADER)	APPROVED BY (PLANNING SECTION CHIEF)	DATE	TIME
/s/ DICK BERKHOLZ	/s/ BOB IRVINE	10/08/88	2100

```

=====
DIVISION ASSIGNMENT LIST      1. BRANCH      2. DIVISION
      ICS 204 (1/82)          IV              Q
=====
3. INCIDENT NAME              14. OPERATIONAL PERIOD
      CLOVER MIST              DATE 10/09/88
                                TIME 0700 - 1930
=====

```

5. OPERATIONS PERSONNEL

```

=====
OPERATIONS CHIEF DEAN BERGER      DIVISION SUPERVISOR R. VAUGHN
BRANCH DIRECTOR DEAN BERGER      AIR ATTACK SUPERVISOR
=====

```

6. RESOURCES ASSIGNED THIS PERIOD

```

=====
STRIKE TEAM/TASK FORCE/1      1. NUMBER 1 TRANS. 1 DROP OFF 1 PICK UP
RESOURCE DESIGNATOR  LEADER  PERSONS NEEDED PT/TIME PT/TIME
-----
STRIKE TEAM LEADER  IV. ARMENT  1  YES  H-9/7A 0800 DF-16 1900
KYLE # 2            IG. NOT AFRAID 19 YES  H-9/7A 0800 H-9 1900
YAMPA # 1           IG. HARRIS  20 YES  H-9/7  0800 H-9 1900
STRIKE TEAM LEADER  A. MARTINEZ  1  YES  H-9/7  0800 H-9 1900
STRIKE TEAM LEADER  B. AYERS    1  YES  H-9/7A 0800 H-9 1900
YELLOW JACKETS      J. CONNER   20 YES  H-9/7A 0800 DF-16 1900
ROSEBUD #2          S. BRAVE    14 YES  H-9/7A 0800 DF-16 1900
=====

```

7. CONTROL OPERATIONS

```

-- MOPUP ALL SMOKES WITHIN THE FIRST 400 FEET OF BURNED AREA ENCOUNTERED,
MOVING INWARD AT A 90 d. ANGLE TO THE CONTROL LINE. USE HELIBUCKET
SUPPORT ON HOTSPOTS IN AREAS EXCEEDING THAT 400 FEET. CONTINUE USE OF
HOSE LAYS IN SUPPORT OF MOPUP.
=====

```

8. SPECIAL INSTRUCTIONS

```

-- FERRY FROM H7 AT END OF SHIFT TO BEGIN APPROXIMATELY 1700 HOURS.
  1 CREWS WILL GO INTO H-7; 3 CREWS TO H-7A.
-- CREWS TO WORK IN PAIRS WITH ONE INDIVIDUAL ACTING AS LOOKOUT IN ALL HAZARDOUS
SITUATIONS.
-- LOOKOUT WITH AIR HORN TO BE POSTED DURING ALL SAW AND HIGH PRESSURE NOZZLE
WORK.
-- HOTSPOTS IN OR ADJACENT TO BOGS WILL BE WORKED BY HELIBUCKET ONLY -
PERSONNEL TO STAND CLEAR. 1ST 100 FEET.
-- BREAK DOWN AND STOCKPILE ALL EQUIPMENT NOT NEEDED FOR SUPPRESSION EFFORT
AND PROVIDE INVENTORY.
=====

```

9. DIVISION/GROUP COMMUNICATION SUMMARY

```

=====
FUNCTION  | FREQ.  | SYSTEM | CHAN. | FUNCTION  | FREQ.  | SYSTEM | CHAN.
-----
LOCAL    |        |        |       | STAT/LOCAL |        |        |
COMMAND REPEAT |        |        |       | LOGIST/REPEAT |        |        |
DIV/GROUP TACT | SEE COMMUNICATIONS PLAN | GROUND TO AIR |
=====
PREPARED BY      | APPROVED BY      | DATE  | TIME
(RESOURCE UNIT LEADER) | (PLANNING SECTION CHIEF) |
/s/ DICK BERKHOLZ | /s/ BOB IRVINE   | 10/08/88 | 2100
=====

```

DIVISION ASSIGNMENT LIST ICS 204 (1/82)	1. BRANCH 	12. DIVISION/GROUP TRAIL REHAB
3. INCIDENT NAME CLOVER MIST	14. OPERATIONAL PERIOD DATE 10/09/88 TIME 0700 - 1930	
5. OPERATIONS PERSONNEL		

OPERATIONS CHIEF LARRY ROBINSON

GROUP SUPERVISOR LARRY KLOCK

BRANCH DIRECTOR _____

AIR ATTACK SUPERVISOR _____

6. RESOURCES ASSIGNED THIS PERIOD

STRIKE TEAM/TASK FORCE/	LEADER	NUMBER	TRANS.	DROP OFF	PICK UP
RESOURCE DESIGNATOR		PERSONS	NEEDED	PT/TIME	PT/TIME
3 SAW SQUADS				NEW HELSP. ABOVE	
2 WATER BAR SQUADS	C. MAGWIRE	26	NO	H-12 0800	H-12 1630
1 WATER BAR SQUAD	K. VIGIL	5	NO	H-12 0800	H-12 1800
1 WATER BAR SQUAD	S. MARQUARDT	8	NO	NEW HELSP. EAST SQ. CR. TR OF H-17B	HEAD 1800
1 WATERBAR SQUAD	CRESPIN	5	NO	PILOT CR TRAIL HEAD 0800	SAME 1800

7. CONTROL OPERATIONS

-- FALL SNAGS AND CONSTRUCT WATER BARS AS PER INSTRUCTIONS IN TRAILS REHAB PLAN.

*** VEHICLES AT TRAILHEAD - WALK OUT

*** NEW HELISPOT ON SQUAW CREEK TRAIL

8. SPECIAL INSTRUCTIONS

-- USE HELICOPTER 399EH FOR CREW FERRY.

-- ESTABLISH NEW HELISPOTS IN UPPER END OF PILOT CREED BASIN AND IN SADDLE EAST OF H-17B.

9. DIVISION/GROUP COMMUNICATION SUMMARY

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL	SEE COMMUNICATIONS PLAN			STAT/	LOCAL		
COMMAND/ REPEAT/				LOGIST/ REPEAT/			
DIV/ GROUP TACT				GROUND TO AIR/			
PREPARED BY	APPROVED BY	DATE	TIME				
(RESOURCE UNIT LEADER)	(PLANNING SECTION CHIEF)						
/s/ DICK BERKHOLZ	/s/ BOB IRVINE	10/08/88	2100				

3. INCIDENT NAME	14. OPERATIONAL PERIOD
CLOVER MIST	DATE 10/09/88
	TIME 0700 - 1930

OPERATIONS CHIEF LARRY ROBINSON GROUP SUPERVISOR STEVE MCWILLIAMS
BRANCH DIRECTOR _____ AIR ATTACK SUPERVISOR _____

STRIKE TEAM/TASK FORCE//		NUMBER	TRANS.	DROP OFF	PICK UP
RESOURCE DESIGNATOR	LEADER	PERSONS	NEEDED	PT/TIME	PT/TIME
LINE SCOUT	J. HANSON	1	NO	AS DIRECTED	
DOZER BOSS	M. HORN	1	NO	K-2 RANCH 0800	BASE BY 1900
DOZER E-387 (D-6)	OPERATOR	1	YES	K-2 RANCH 0800	BASE BY 1900
DOZER E-1040 (JD-450)	G. BASLER	1	NO	K-2 RANCH 0800	BASE BY 1900
STRIKE TEAM LEADER	E. ULLREY	1	NO	H-12 0800	H-13 1800
FALLING TEAM	NEWTON/MALINOWSKI	2	NO	H-12 0800	H-13 1800
FALLING TEAM	ULLREY/OSBORN	2	NO	H-12 0800	H-13 1800
FALLING BOSS	W. HOTZ	1	NO	DP-10 0800	BASE BY 1900
FALLER	HOLT/HARDY	1	NO	DP-10 0800	BASE BY 1900

K-2 RANCH: MOVE TO DP-17 AND WATERBAR DOZER LINE.
DP-10: CLEAR DEBRIS AND SLASH FROM AROUND DOZER LINES NEAR DP-10 AND WHEN FINISHED MOVE TO DOZER LINE IMMEDIATELY EAST OF K-2 RANCH AND DO SAME.
J. HANSON: PICK UP GRASS SEED, HURRICANE SEEDERS, AND ATV MOUNTABLE SPREADERS AT SHOSHONE S.O. WAREHOUSE AND DELIVER TO BASE CAMP.
H-12: SEVER ROOT WADS, LIMB AND SCATTER ALL SLASH CONNECTED WITH DOZER LINE ALONG WILDERNESS BOUNDARY (RIDGE CREST). SLASH TO BE UNDER 2 FEET.

LOWBOY TO MOVE DOZERS TO DP-17 AT 0800.

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL	SEE COMMUNICATIONS	PLAN		STAT/LOCAL			
COMMAND/REPEAT				LOGIST/REPEAT			
DIV/GROUP TACT				GROUND TO AIR			

PREPARED BY (RESOURCE UNIT LEADER)	APPROVED BY (PLANNING SECTION CHIEF)	DATE	TIME
/s/ DICK BERKHOLZ	/s/ BOB IRVINE	10/08/88	2100

GENERAL MESSAGE

TO: Supply		POSITION
FROM: Div 5		POSITION: F.P. Dennis Div Sup
SUBJECT		DATE: 10/9

MESSAGE: A) DELIVER TO DP-25 By 6x6 TRUCK
 50:50 TOOL MIX FOR 5 CREWS.
 1ea - SAW KIT, COMPLETE
 4ea - 1 1/2" GATED WYES
 2ea - HOSE CLAMPS
 500' - 3/4" GARDEN HOSE

~~B) DELIVER TO GRAVEL PIT FOR HELICOPTER TRANSPORT~~
 To

SIGNATURE/POSITION

REPLY B) DELIVER TO H9 FOR TRANSPORT TO H5 By Helicopter:
 50:50 TOOL MIX FOR 2 CREWS.

C) DELIVER TO H9 FOR TRANSPORT TO H7B By Helicopter:
 50:50 TOOL MIX FOR 2 CREWS.

DATE	TIME	SIGNATURE/POSITION
------	------	--------------------

PERSON RECEIVING GENERAL MESSAGE KEEP THIS COPY

SENDER: REMOVE THIS COPY FOR YOUR FILE

GENERAL MESSAGE

TO: Supply	POSITION	Ron Vaughan - Div Sup
FROM: Div Q	POSITION	
SUBJECT: Tools Needs for 10/9	DATE	
MESSAGE:		

Deliver to H-9, tools for 4 crews - each crew to have:

10 shovels, 10 pulaskis

SIGNATURE/POSITION

REPLY

DATE	TIME	SIGNATURE/POSITION

PERSON RECEIVING GENERAL MESSAGE KEEP THIS COPY

SENDER: REMOVE THIS COPY FOR YOUR FILE

GENERAL MESSAGE

TO:		POSITION	
FROM:		POSITION	
SUBJECT:		DATE	

Operationis - Gary

10-9

MESSAGE:

Loni Rehab

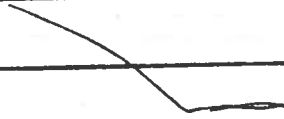
No transportation or tool needs

Trail Rehab

No transportation or tool needs

SIGNATURE/POSITION

REPLY



DATE

TIME

SIGNATURE/POSITION

213 ICS 1/79
NFES 1338

PERSON RECEIVING GENERAL MESSAGE KEEP THIS COPY

SENDER: REMOVE THIS COPY FOR YOUR FILE

GENERAL MESSAGE

TO:	POSITION	
FROM	POSITION	
SUBJECT	DATE	

Operations - Gary Robinson

10-9

MESSAGE: Transportation And Tool Needs

Division G-H

Transportation for Colorado River and Yampa #1 to Crandall Helibase. Big Horn Basin #10 will provide own transportation

SIGNATURE/POSITION

REPLY

Tools: 50/50 mix for Colo River and Yampa #1, plus chain-saw kit (provided + hot each crew has a qualified sawyer). Big Horn Basin will pick up own tools

DIVISION P

Transportation to Crandall Helibase and helicoptered to H-70.

Tools: 50/50 mix with 20 full footer's

DATE TIME SIGNATURE/POSITION

INCIDENT RADIO COMMUNICATIONS PLAN
 ICS 205 (8/78)

1. INCIDENT NAME : CLOVER MIST
 2. DATE/TIME : 10/08/88
 3. OPERATION PERIOD : DATE/TIME : 10/09/88 DAY

4. BASIC RADIO CHANNEL UTILIZATION

SYSTEM/CACHE	CHANNEL	FUNCTION	FREQUENCY	ASSIGNMENT	REMARKS
CH : KING MOTORLAIGE					
CH : 2	1 2 A	TACTICAL	TX RX 168.200	DIV. J,	1. GET KING H.T. RE-PROGRAMMED IF NECESSARY.
CH : 6	3 A	TACTICAL	TX RX 168.600	DIV. J	COMMAND REPEATER.
CH : 9	3 C	TACTICAL	TX RX 168.250	DIV. Q	
CH : 5	1 C	TACTICAL	TX RX 166.725	DIV. P, N, G, H	2. MEDIVACS WILL BE ON COMMAND REPEATER.
CH : 13	REHAB	TACTICAL	TX RX 169.875	DIV. TR	
CH : 4	RADIOS	COMMAND RPT	TX 169.750		
CH : 4	RADIOS	WINDY MTN.	RX 167.100	DIV. TR	
CH : 4	RADIOS	TACTICAL AND	USE THE DIV.		
CH : 4	RADIOS	COMMAND	WORKING WITH	DIV. LR	
CH : 4	7 C	COMMAND RPT	TX 169.750		
CH : 4	7 C	WINDY MTN.	RX 167.100	DIV. G, P, N, H	3. ALL EMERGENCY CLEAR ALL OTHER TRAFFI
CH : 1	9 A	COMMAND RPT	TX 170.425		
CH : 1	9 A	CLAY BUTTE	TX 168.075	DIV. J, Q	
CH : 8	1 B	AIR ATTACK/			
CH : 8	1 B	GROUND	TX RX 166.675	GROUND-TO-AIR	
CH : 11	4 A	AIR OPS	TX RX 168.700	HELIBASE	
CH : 11	4 A	LOGISTICS			
CH : 3	NA	UHF	TX RX 415.400	INCIDENT BASE CAMP	

5. PREPARED BY (COMMUNICATIONS UNIT) :
 /s/ Chuck Hawkins, COMMUNICATIONS UNIT LEADER

1. INCIDENT NAME
MEDICAL PLAN
ICS 206 (8/78)

2. DATE
10/08/88

3. TIME
1900

4. OPERATIONAL PERIOD
10/09/88 DAY

5. INCIDENT MEDICAL AID STATIONS

MEDICAL AID STATIONS	LOCATION	PARAMEDICS
CRANDALL AID STATION	CRANDALL BASE	YES
		NO
		ADV. E

6. TRANSPORTATION

A. AMBULANCE SERVICES

NAME	ADDRESS	PHONE	YES	NO
NORTHEAST (YNP) AID UNIT	NORTHEAST RANGER STATION	911		ADV EMT
WEST PARK HOSPITAL AMBULANCE	CODY, WYOMING	911		ADV EMT

B. INCIDENT AMBULANCES

NAME	LOCATION	PARAMEDICS
WEST PARK AMBULANCE	CRANDALL BASE	YES
		NO
		ADV. E

7. HOSPITALS

NAME	ADDRESS	TRAVEL TIME	AIR	GROUND	PHONE	HELIPAD	BURN CENT
WEST PARK HOSPITAL	CODY, WY	125 MIN	1.5 HRS	527-7501	X	YES	YES
ST. VINCENT'S	BILLINGS, MT	160 MIN	13 HRS	800-538-4357	X	YES	YES
POWELL	POWELL, WY	130 MIN	12 HRS	800-654-9207	X	YES	YES
UNIVERSITY OF UTAH	SALT LAKE CITY, UT			801-581-2291	X	YES	YES

8. MEDICAL EMERGENCY PROCEDURES

GIVE FIRST AID. ALL OVERHEAD HAVE AUTHORITY TO INITIATE MEDICAL EVACUATION OR REQUEST MEDICAL AID ON THE LINE. 1
OVERHEAD ORDERING MEDICAL EVACUATION OR MEDICAL AID MUST PROVIDE COMMUNICATIONS WITH - 1) NAME AND POSITION OF
PERSON ORDERING, 2) NUMBER OF PEOPLE INJURED, 3) EXTENT OF INJURIES IF KNOWN, 4) LOCATION OF INJURED OR ACCIDENT
AND 5) NAME OF CREW INVOLVED OR IN THE AREA.

9. PREPARED BY (MEDICAL UNIT LEADER) 10. REVIEWED BY (SAFETY OFFICER)

USDA-Forest Service

FORECAST NO. 10

NAME OF FIRE: CLOVER MIST

PREDICTION FOR: DAY SHIFT

FOREST: SHOSHONE NF/YELLOWSTONE NP

SHIFT DATE: 10/09/88

TIME AND DATE

FORECAST ISSUED: 1700 10/08/88

SIGNED: /s/Paul A. Summerfelt
FIRE BEHAVIOR ANALYST

WEATHER SUMMARY:

See attached Spot Weather Forecast.

FIRE BEHAVIOR

GENERAL:

What can I say, guys?! It's going to be like the last few days. Activity will pick-up around noon as temperature increases. Be alert to possible surfacing of 10,000 ft. MSL winds -- if they do increased activity is guaranteed.

SPECIFIC:

All Divisions: Expect new sleeper spots to appear. Fire will continue to huff, puff and try and burn. Majority of activity will be on ground, but individual trees and/or small groups will torch.

FL will range between 1-3 ft, with ROS of 10-15 ch/hr (11-16 ft/min) possible. During most active periods, be alert to possibility of 10-15 ft FL and 30-40 ch/hr ROS. Spotting distance expected to be .2 mile, with PI = 50%.

NOTE:

Thanks for the weather obs. Keep it up -- they are important.

AIR OPERATIONS:

Due to NW nighttime breezes, smoke and haze will not be a problem.

SAFETY:

Remember, most fires are innocent in appearance before they flare or "blow-up". Don't be lulled into complacency because you think you have the behavior of this fire figured out.

NFES 6011

R3-FS-5100-115(1/85)

WS FORM D-1 (2-7J) Pres. By WSOM D-41		FIRE WEATHER SPECIAL FORECAST REQUEST (See reverse for instructions)		U. S. DEPARTMENT OF COMMERCE NOAA NATIONAL WEATHER SERVICE	
I - REQUESTING AGENCY WILL FURNISH:					
1. NAME OF FIRE OR OTHER PROJECT		2. CONTROL AGENCY		3. REQUEST MADE	
Clover Mist				TIME #	DATE

9 Oct 88

Today -- Significantly colder. Max temp 40°F, RH of 50%
 Tonight -- Increasing clouds
 Tomorrow -- 60% chance of measurable precipitation in AM
 turning to 80% chance of snow in PM.
 Expected accumulation by 2300 is 6-12 inches.

Information provided by Global Forecasting Services
 of San Francisco CA. Joe "Trust Me" Izusu, Presiden-

Seriously: Today will be similar to yesterday (The old
 company line). Expect sunny and mild conditions,
 scattered high clouds, no precipitation, and PM wind

Max Temp → 68-74°F

Min RH → 12-18%

Wind Dir → NW

Wind Speed → 5-12 mph (eye level). Winds
 above 10,000 Ft MSL will be
 20-25 mph

Long Range Outlook: One day in the far, far distant
 future, Joe Izusu's forecast will come true

NAME OF FIRE WEATHER FORECASTER		FIRE WEATHER OFFICE	
Brenda Brock		Cheyenne WY	
III - REQUESTING AGENCY WILL COMPLETE UPON RECEIPT OF FORECAST			
IV. FORECAST RECEIVED:	TIME #	DATE	NAME
	1500	8 Oct 88	Paul Summerfelt
Explanation of symbols: • Use 24-hour clock to indicate time. Example: 10:15 p.m. = 2215; 10:15 a.m. = 1015. • For concentrations (as groups of lightning fires) specify "Concentration"; then give number of fires and size of largest. If concentrations are in more than one drainage, request special forecast for each drainage. † No entry necessary. To be computed by the Fire Weather Forecaster.			

AIR OPERATIONS SUMMARY		1. INCIDENT NAME		2. OPERATIONAL PERIOD (Date & Time)		3. DISTRIBUTION	
ICS 220 (3/82)		CLOVER MIST		10/09/88 0730		HELIRASES CRANDALL/GRAVEL	
4. PERSONNEL AND COMMUNICATIONS				5. REMARKS (Spec. Instructions, Safety Notes, Hazards, Priorities)			
AIR OPERATIONS DIRECTOR		ROGER SHEPARD		AIR/GROUND FREQUENCY 122.92VHF		ADDITIONAL ASSIGNMENTS MAY BE MADE UPON COMPLETION OF PLOTS.	
AIR ATTACK SUPERVISOR				AIR/AIR FREQUENCY 125.230		DO NOT EXPECT ADDITIONAL AIRCRAFT TO ARRIVE.	
HELICOPTER COORDINATOR							
AIR TANKER COORDINATOR				TAKOFF/LANDING BE AWARE AND SAFE!!!			
REHAB MGR HELIBASE		DUNCAN BROWN		119.123 (VHF)			
BE ALERT AND SAFE PLEASE!!!							
6. LOCATION/ 17. FUNCTION		8. FIXED WING 19. HELICOPTERS:		10. TIME		11. AIRCRAFT 12. OPERATING BASE	
CRANDALL/ SEED REHAB		ASSIGNMENT		NO. TYPE		TYPE AVAILABLE COMMENCE	
SEED PLOT 670		HOODOO CREEK R-107M, T-35N		1 1500 D		0800 REHAB 6	
SEED PLOT 1550, N FORK CRANDALL CREEK R-108M, T-34N, 8-4, 8.9, 16.17, 18		8-16, 23, 25, 26, 27, 34, 35, 36		1 1500 D		0800 REHAB 4	
SEED PLOT 2300 TIMBER CREEK R-108M, T-34N, 8-19, 21, 22		S-27, 28, 29, 30, 31, 32		1 112EJ		0800 REHAB 3	
SEED PLOT 480, TEPEE CREEK R-107M, T-37N, S-26, 27, 34, 35		TOTALS		3			
14. AIR OPERATIONS SUPPORT EQUIPMENT				15. PREPARED BY (Include Date & Time)			
				10/08/88 1500			

AIR OPERATIONS SUMMARY		1. INCIDENT NAME	2. OPERATIONAL PERIOD (Date & Time)	3. DISTRIBUTION HELIBASES
ICS 220 (3/82)		CLOVER HST	10/09/88	10
				FIXED WING BASES 0

4. PERSONNEL AND COMMUNICATIONS	NAME	AIR/AIR FREQUENCY	AIR/GROUND FREQUENCY
5. REMARKS (Spec. Instructions, Safety Notes, Hazards, Priorities)			

AIR OPERATIONS DIRECTOR	BILL YOUNT	166-673	1.	CREW AND TOOL FERRY
		169-750		
		SAME AS ABOVE		
	BOB DETTMANN (T)			

BOB DETTMANN (T) _____

SAME AS ABOVE _____

2. RECON BY DIRECTION OF OPERATIONS

HELICOPTER COORDINATOR

AIR TANKER COORDINATOR

HELIGABSE NOR	123.250	169.750	169.875
BERNIE WEINGARDI	119.125 (VMF)		
OPERATIONS CHIEFS.			

REF ID	DATE	TIME	LOCATION	STATUS	REMARKS
119.123 (VHF)			NANTAN BOOTH	5.	MEDIVAC - 121Z OR 52ZEH

AVIATION SAFETY OTHER	MARK SAYLES	169,730	NEW AIR RESTRICTION: 20 N. MILES RADIUS FROM A POINT 360 G. CODY VOR TO 12000'
		144,675	

[illegible]

FUNCTION	ASSIGNMENT	DATE	TIME	1212	HELIBASE
ALL	CREW FERRY, LONG LINE			11	0730

DIVISIONS | BUCKET, MEDIVAC ...

ALL DIVISIONS	CREW FERRY, BUCKET BLING	974	HELIBASE
		0730	

[illegible]

DIVISIONS | CREW FERRY, BUCKET SLING | 0730

ALL	DIVISIONS	RECON. LONG LINE BUCKET	86F	HELIBASE
		1	1	0730
		1	1	0730

[illegible]

DIVISIONS	REC'D	LINE	NO.	DATE	TIME	BY	REMARKS
ALL							HEI TRASE

DIVISIONS	CREW	FERRY	BUCKET	720	0730	720	720

[illegible]

NAME	DATE	TIME	LOCATION	REMARKS
TOTALS				

SCHEDULED RECON:

CONFIDENTIAL

14. AIR OPERATIONS SUPPORT EQUIPMENT

BOB DETTMANN	10/08/88	1500
--------------	----------	------

1

Safety

message

10/7/88

CLOVER MIST
INCIDENT



LOSING HIS GRIP ON REALITY THE
SAFETY OFFICER TRIES TO WRITE A
SING-A-LONG SAFETY MESSAGE.

LET'S KEEP FATIGUE IN CHECK

1. All crews keep those lookouts looking
2. Develop signals for falling or rolling materials
(use those air horns)
3. Report all close calls directly to the safety officer
when back at camp.

REMEMBER

Safety is an attitude of caring. When we see as much
trash (especially along the highway near camp) and
messy campers as we do, somebody has quit caring.

THIS FIRE SEASON IS ALMOST OVER. LET'S TAKE GOOD MEMORIES
HOME WITH US. PLEASE BE CAREFUL OUT THERE.

Bill
SAFETY OFFICER

CLOVER MIST

142



DAY SHIFT
PLAN

*Jeff
Will
West*

OCTOBER 10, 1988

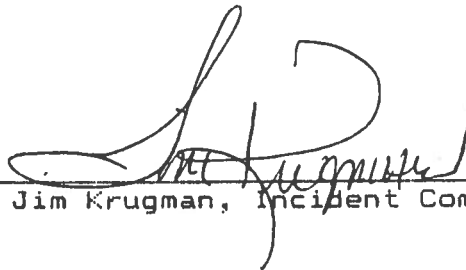
CLOVER MIST INCIDENT

EQUAL OPPORTUNITY EMPLOYMENT POLICY

All primary members currently assigned to the Rocky Mountain Class II Team fully support the Laws, Regulations, and policies pertaining to the civil rights of all firefighting personnel. Inappropriate behavior including but not restricted to gender and racial harassment, sexual harassment, or any form of discrimination will not be tolerated. All Chiefs, Supervisors, and Managers in addition to all Crewleaders and firefighters are expected to take immediate action when examples of inappropriate behavior occur.

The EEO Counselor assigned to the Clover Mist Incident by the Shoshone National Forest is:

Rudy Candelaria Locations: Logistics Trailer



Jim Krugman, Incident Commander

INCIDENT OBJECTIVES
ICS 202 (3/80)

1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED
CLOVER MIST	10/09/88	1600

4. OPERATIONAL PERIOD (DATE/TIME)
10/10/88 0700 - 1900

5. GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES)

1. The priority above all others on this Incident will continue to be for the safety, health, and well being of all firefighters, overhead, and support personnel.
2. All individuals assigned to this Incident are expected to be responsive to the Laws and regulations pertinent to the civil rights of all fellow firefighters irregardless of race, color, creed, sex, religion, or National origin.
3. Continue to provide for the protection of structures both in the Crandall and it's surrounding areas as needed. Monitor all contained fire edges.
4. Use control strategy as defined in the Escaped Fire Situationn Analysis.
5. Coordinate and provide for an orderly and scheduled demobilization of all resources.

6. WEATHER FORECAST FOR OPERATIONAL PERIOD

See weather forecast.

7. GENERAL/SAFETY MESSAGE:

BEWARE OF FALLING SNAGS. KEEP DRIVING DEFENSIVELY--LIGHTS ON
KEEP IT SLOW. BE SURE DRIVERS GOING TO THE FIRELINE HAVE
NOMEX AND SHELTERS.

8. CONTENTS:

ORGANIZATION LIST (ICS 203)
DIVISION ASSIGNMENTS (ICS 204)
COMMUNICATIONS PLAN (ICS 205)
MEDICAL PLAN (ICS 206)
FIRE BEHAVIOR FORECAST

EQUAL OPPORTUNITY POLICY
FIRE WEATHER FORECAST
AIR OPERATIONS SUMMARY
SAFETY MESSAGE
TOPOG MAPS
TOOL LIST

9. PREPARED BY (PLANNING SECTION CHIEF) : 10. APPROVED BY (INCIDENT COMMANDER)

/s/ BOB IRVINE

POSITION	NAME
5. - INCIDENT COMMANDER AND STAFF	
INCIDENT COMMANDER	JIM KRUGMAN
SAFETY OFFICER	BILL KIGHT / AL PEARSON
INFORMATION OFFICER	MARK SAYLES
LIAISON OFFICER	VERN SCHMITT
6. AGENCY REPRESENTATIVES	
AGENCY : NAME	
NAT. GUARD : MIKE WINTERS	
NAT. GUARD : SFC MIKE WARNER - NCOIC C	
BIA CRW REP: MICHAEL DIEM	
BIA SHORAP : JIM COLSTON	
7. - PLANNING SECTION	
CHIEF	BOB IRVINE
RESOURCES UNIT	DICK BERKHOLZ
SITUATION UNIT	LAURIE THORPE
DOCUMENTATION UNIT	BOB ALLISON
DEMOBILIZATION UNIT	HARRY PHILLIPS
TECHNICAL SPECIALISTS	
FIRE BEHAVIOR ANALYST	PAUL SUMMERFELT
8. LOGISTICS SECTION	
CHIEF	ERNIE NESBITT
ASSISTANT	
a. SUPPORT BRANCH	
SUPPLY UNIT LEADER	RUSS RIEBE
ORDERING MANAGER	GARY LIENARD
FACILITIES UNIT	BONDE EULBERG
GROUND SUPPORT UNIT	KEN MOBERG
RECEIVING & DIST MGR	BILL LANE
b. SERVICE BRANCH	
DIRECTOR	
COMMUNICATIONS UNIT	CHUCK HAWKINS
MEDICAL UNIT	WAYNE REYNOLDS
FOOD UNIT	WAYNE BILLS
9. OPERATIONS SECTION	
CHIEF	LARRY ROBINSON
	IDEAN BERGER
a. BRANCH II - DIVISIONS	
BRANCH DIRECTOR	II
DIVISION	IG : J. DENNISON
DIVISION	IH : J. DENNISON
DIVISION	IJ : CHUCK DENNIS
DIVISION	IQ : IRON VAUGHN
REHAB GROUP	LR : STEVE MCWILLIAMS
REHAB GROUP	TR : LARRY KLOCK
b. BRANCH IV	
BRANCH DIRECTOR	IV
DIVISION	IN
DIVISION	IP : C. DUNFEE
d. AIR OPERATIONS BRANCH	
AIR OPERATION BR. DIR	BILL YOUNT
AIR SUPPORT GROUP SUP	BOB DETTMANN
AIR SUPPORT GROUP SUP	BERNIE WEINGARDT
10. FINANCE SECTION	
CHIEF	JANETTE ARCHIBEQUE
EQUIP TIME LDR	
PERSNL TIME UNIT LDR	BARBARA MCHUGH
COMPENSATION/CLAIMS UNIT	VERONICA BELTON
COST UNIT	
PROCUREMENT UNIT LEADER	KERMIT JOHNSON

DIVISION ASSIGNMENT LIST ICS 204 (1/82)	1. BRANCH IV	2. DIVISION F, N
3. INCIDENT NAME CLOVER MIST	4. OPERATIONAL PERIOD DATE 10/10/88 TIME 0700 - 1930	

5. OPERATIONS PERSONNEL

OPERATIONS CHIEF LARRY ROBINSON DIVISION SUPERVISOR UNASSIGNED

BRANCH DIRECTOR LARRY ROBINSON AIR ATTACK SUPERVISOR _____

6. RESOURCES ASSIGNED THIS PERIOD

STRIKE TEAM/TASK FORCE/	LEADER	NUMBER	TRANS.	DROP OFF	PICK UP
RESOURCE DESIGNATOR		PERSONS	NEEDED	PT/TIME	PT/TIME
INITIAL ATTACK # 1	HELITACK	4	NO	CRANDALL HELIBASE 0800	

7. CONTROL OPERATIONS

-- MOP UP SPOTS IN LITTLE SUNLIGHT BASIN.

8. SPECIAL INSTRUCTIONS

OPERATIONS WILL DO RECON OF DIVISIONS F, N, P, G, H, AND J AT APPROX. 1200. FLIGHT WILL LAST 1.5 HOURS. INITIAL ATTACK # 1 CONSISTS OF 1 HELITACK PERSON PLUS M. TODD, K. PELLINI AND B. SUTTON.

9. DIVISION/GROUP COMMUNICATION SUMMARY

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL	SEE COMMUNICATIONS PLAN			STAT/	LOCAL		
COMMAND/ REPEAT/				LOGIST/ REPEAT/			
DIV/GROUP TACT				GROUND TO AIR/			

PREPARED BY (RESOURCE UNIT LEADER)	APPROVED BY (PLANNING SECTION CHIEF)	DATE	TIME
/s/ DICK BERKHOLZ	/s/ BOB IRVINE	10/09/88	2100

DIVISION ASSIGNMENT LIST
ICS 204 (1/B2)

1. BRANCH
II

2. DIVISION
G- H

3. INCIDENT NAME

CLOVER MIST

4. OPERATIONAL PERIOD

DATE 10/10/88

TIME 0700 - 1930

5. OPERATIONS PERSONNEL

OPERATIONS CHIEF LARRY ROBINSON

DIVISION SUPERVISOR JOHN DENISON

BRANCH DIRECTOR

AIR ATTACK SUPERVISOR NO.

6. RESOURCES ASSIGNED THIS PERIOD

STRIKE TEAM/TASK FORCE/ RESOURCE DESIGNATOR	LEADER	NUMBER PERSONS	TRANS. NEEDED	DROP OFF PT/TIME	PICK UP PT/TIME
R-2 REGULARS	S. HARTVIGSON	10	N	SQUAW CR. RD 0800	BASE BY 1900
WILDWEST #5	R. PARKER	16	N		RETURN TO BASE @ 1900
STRIKE TEAM LEADER	J. VINYARD	1	N	H-13 0800	H-13 1800
COLORADO RIVER	D. NEWBOLD	18	Y	H-13 0800	H-13 1800
BIG HORN BASIN # 10	C. HUTTON	19	N	H-17B 0800	H-17B 1800

7. CONTROL OPERATIONS

- WILDWEST # 5 ENGINE T/F WILL PATROL DIVISION AND MOP UP FROM ROADS TO THE EXTENT POSSIBLE.
- BIG HORN BASIN AND COLORADO RIVER WILL MOP UP SMOKES IN SQUAW CREEK DRAINAGE.
- R-2 REGULARS WILL MOP UP 5 ACRE SPOT ON SOUTH SIDE OF HUNTER PEAK.

8. SPECIAL INSTRUCTIONS

9. DIVISION/GROUP COMMUNICATION SUMMARY

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL	SEE COMMO PLAN			STAT/LOCAL			
COMMAND/REPEAT				LOGIST/REPEAT			
DIV/GROUP TACT				GROUND TO AIR			

PREPARED BY (RESOURCE UNIT LEADER)	APPROVED BY (PLANNING SECTION CHIEF)	DATE	TIME
/s/ DICK BERKHOLZ	/s/ BOB IRVINE	10/09/88	2100

```

=====
DIVISION ASSIGNMENT LIST      1. BRANCH      2. DIVISION
      ICS 204 (1/82)          I      II          I      J
=====
3. INCIDENT NAME              4. OPERATIONAL PERIOD
      CLOVER MIST              DATE 10/10/88
                                TIME 0700 - 1930
=====

```

5. OPERATIONS PERSONNEL

OPERATIONS CHIEF DEAN BERGER DIVISION SUPERVISOR CHUCK DENNIS

BRANCH DIRECTOR DEAN BERGER AIR ATTACK SUPERVISOR

6. RESOURCES ASSIGNED THIS PERIOD

STRIKE TEAM/TASK FORCE/	NUMBER	TRANS.	DROP OFF	PICK UP
RESOURCE DESIGNATOR	LEADER	PERSONS	NEEDED	PT/TIME
STRIKE TEAM LEADER	GAYLEN HUBER	1		H-8A 0800 H-8A 1630
KYLE # 2	G. NOT AFRAID	18	Y	H-8A 0800 H-8A 1630
SHO/RAP # 64	L. THUNDER	16	Y	H-8A 0800 H-8A 1630
STRIKE TEAM LEADER	M. CATRON	1	Y	DP-25 0800 DP-25 1900
GUNNISON	D. RAEL	20	Y	DP-25 0800 DP-25 1900
ROSEBUD # 2	S. BRAVE	14	Y	DP-25 0800 DP-25 1900
YAMPA # 1	G. HARRIS	20	Y	DP-25 0800 DP-25 1900
STRIKE TEAM LEADER	J. COVER	1	Y	H-5 0800 H-8A 1630
MEDICINE BOW	V. BENTLEY	19	Y	H-5 0800 H-8A 1630
SLV # 1	J. FACKRELL	16	Y	H-5 0800 H-8A 1630
STRIKE TEAM LEADER	R. KLING	1	Y	H-7B 0800 H-7B 1630
SAN JUAN	M. LAVER	19	Y	H-7B 0800 H-7B 1700

7. CONTROL OPERATIONS:

- MOPUP ALL SMOKES WITHIN THE FIRST 400 FEET OF BURNED AREA ENCOUNTERED, MOVING INWARD AT A 90 d. ANGLE TO THE CONTROL LINE. USE HELIBUCKET SUPPORT ON HOTSPOTS IN AREAS EXCEEDING THAT 400 FEET. CONTINUE USE OF HOSE LAYS IN SUPPORT OF MOPUP.

8. SPECIAL INSTRUCTIONS

- HELICOPTER PATROL FROM HIGHWAY NORTH TO DP-25.
- STL KLING: CONTINUE MOPUP SW OF ROCK ISLAND BUTTE.
- STL CATRON: PATROL AND STOCKPILE EQUIPMENT FOR SLING LOADING FROM DP-25 TO BIG MOOSE LAKE; COMPLETE LINE REHAB; MOP UP AREA WEST OF LITTLE MOOSE LAKE.
- STL HUBER: CONTINUE MOPUP FROM IVY LAKE AREA NW TO H-8A; BEGIN PULLING AND STOCKPILING EQUIPMENT; REHAB FIRELINE
- STL COVER: PATROL AND BEGIN EQUIPMENT BREAKDOWN FROM SE SIDE OF ROCK ISLAND BUTTE TO H-8A; REHAB FIRELINE.

9. SAFETY INSTRUCTIONS

- CONTINUE SAFETY MEASURES AS DETAILED IN PREVIOUS SHIFT PLAN.

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL	SEE COMMUNICATIONS PLAN	STAT/	LOCAL				
COMMAND	REPEAT	LOGIST	REPEAT				
DIV/GROUP TACT		GROUND TO AIR					
PREPARED BY	APPROVED BY	DATE	TIME				
(RESOURCE UNIT LEADER)	(PLANNING SECTION CHIEF)	10-09-88	1900				
/s/DICK BERKHOLZ	/s/BOB IRVINE						

```

=====
DIVISION ASSIGNMENT LIST      | 1. BRANCH      | 2. DIVISION
      ICS 204 (1/82)         |      IV        |      F
=====
3. INCIDENT NAME              | 4. OPERATIONAL PERIOD
      CLOVER MIST             |      DATE 10/10/88
                               |      TIME 0700 - 1930
=====

```

5. OPERATIONS PERSONNEL

```

=====
OPERATIONS CHIEF LARRY ROBINSON      DIVISION SUPERVISOR CHUCK DUNFEE
BRANCH DIRECTOR LARRY ROBINSON      AIR ATTACK SUPERVISOR _____
=====

```

6. RESOURCES ASSIGNED THIS PERIOD

```

=====
STRIKE TEAM/TASK FORCE/ | NUMBER | TRANS. | DROP OFF | PICK UP
RESOURCE DESIGNATOR    | LEADER | PERSONS | PT/TIME  | PT/TIME
=====
INITIAL ATTACK # 2     | HELITACK | 4      | NO      | 0800
                        |          |        |         |
SLV # 2                 | J. CUNIO | 18     | YES     | H-71 0800 | H-71 1800
                        |          |        |         |
EAGLE ENG T/F          | G. KIZER | 8      | NO      |          | BASE 1900
=====

```

7. CONTROL OPERATIONS

- EAGLE TASK FORCE PATROL AND MOP UP ALONG ALL ROADS IN DIVISION.
- SLV # 2 WILL BE FLOWN TO HOT SPOTS NEAR H-70.
- INITIAL ATTACK # 2 TO MOP UP SMOKES IN EAST FORK OF PAINTER CREEK.

8. SPECIAL INSTRUCTIONS

- ONE HELICOPTER DIPPING FROM POND TO SUPPORT CREW.
- STRIKE TEAM LEADER OR CREW BOSS CONTACT CRANDALL HELIBASE FOR BUCKET SUPPORT
- INITIAL ATTACK # 2 CONSISTS OF HELITACK PERSON PLUS C. REDHORSE, J. STEWART AND C. RUSSEL

9. DIVISION/GROUP COMMUNICATION SUMMARY

```

=====
FUNCTION | FREQ. | SYSTEM | CHAN. | FUNCTION | FREQ. | SYSTEM | CHAN.
| LOCAL | SEE COMMO. PLAN | | STAT/ | LOCAL | | |
COMMAND | REPEAT | | | LOGIST | REPEAT | | |
DIV/GROUP TACT | | | | GROUND TO AIR | | KING |
=====
PREPARED BY | APPROVED BY | DATE | TIME
(RESOURCE UNIT LEADER) | (PLANNING SECTION CHIEF) |
/s/ DICK BERKHOLZ | /s/ BOB IRVINE | 10/09/88 | 2100
=====

```

DIVISION ASSIGNMENT LIST

ICS 204 (1/82)

11. BRANCH

IV

12. DIVISION

Q

3. INCIDENT NAME

CLOVER MIST

14. OPERATIONAL PERIOD

DATE 10/10/88

TIME 0700 - 1930

5. OPERATIONS PERSONNEL

OPERATIONS CHIEF DEAN BERGER

DIVISION SUPERVISOR R. VAUGHN

BRANCH DIRECTOR DEAN BERGER

AIR ATTACK SUPERVISOR

6. RESOURCES ASSIGNED THIS PERIOD

STRIKE TEAM/TASK FORCE/	LEADER	NUMBER	TRANS.	DROP OFF	PICK UP
RESOURCE DESIGNATOR		PERSONS	NEEDED	PT/TIME	PT/TIME
STRIKE TEAM LEADER	V. ARMENT	1	YES	H-9/7A 0800	DP-16 1900
YAMPA # 2	G. HARRIS	20	YES	H-9/7A 0800	H-9 1900
STRIKE TEAM LEADER	B. AYERS	1	YES	H-9/7A 0800	H-9 1900
YELLOW JACKETS	J. CONNER	20	YES	DP-16 0800	DP-16 1900

7. CONTROL OPERATIONS

-- MOPUP ALL SMOKES WITHIN THE FIRST 400 FEET OF BURNED AREA ENCOUNTERED, MOVING INWARD AT A 90 d. ANGLE TO THE CONTROL LINE. USE HELIBUCKET SUPPORT ON HOTSPOTS IN AREAS EXCEEDING THAT 400 FEET. CONTINUE USE OF HOSE LAYS IN SUPPORT OF MOPUP.

8. SPECIAL INSTRUCTIONS

-- FERRY FROM H7 AT END OF SHIFT TO BEGIN APPROXIMATELY 1700 HOURS.
1 CREW WILL GO INTO H-7A; 1 CREW WILL GO TO DP-16.
-- CREWS TO WORK IN PAIRS WITH ONE INDIVIDUAL ACTING AS LOOKOUT IN ALL HAZARDOUS SITUATIONS.
-- LOOKOUT WITH AIR HORN TO BE POSTED DURING ALL SAW AND HIGH PRESSURE NOZZLE WORK.
-- HOTSPOTS IN OR ADJACENT TO BOGS WILL BE WORKED BY HELIBUCKET ONLY - PERSONNEL TO STAND CLEAR. 1ST 100 FEET.
-- BREAK DOWN AND STOCKPILE ALL EQUIPMENT NOT NEEDED FOR SUPPRESSION EFFORT AND PROVIDE INVENTORY.

9. DIVISION/GROUP COMMUNICATION SUMMARY

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL				STAT/LOCAL			
COMMAND/REPEAT				LOGIST/REPEAT			
DIV/GROUP TACT	SEE COMMUNICATIONS PLAN			GROUND TO AIR			
PREPARED BY	APPROVED BY			DATE	TIME		
(RESOURCE UNIT LEADER)	(PLANNING SECTION CHIEF)						
/s/ DICK BERKHOLZ	/s/ BOB IRVINE			10/09/88	2100		

20=====

DIVISION ASSIGNMENT LIST	1. BRANCH	12. GROUP
ICS 204 (1/82)	II	LINE REHAB

=====

3. INCIDENT NAME	4. OPERATIONAL PERIOD
CLOVER MIST	DATE 10/10/88
	TIME 0700 - 1930

=====

5. OPERATIONS PERSONNEL

OPERATIONS CHIEF LARRY ROBINSON GROUP SUPERVISOR STEVE MCWILLIAMS

BRANCH DIRECTOR _____ AIR ATTACK SUPERVISOR _____

=====

6. RESOURCES ASSIGNED THIS PERIOD

STRIKE TEAM/TASK FORCE/	LEADER	NUMBER	TRANS.	DROP OFF	PICK UP
RESOURCE DESIGNATOR		PERSONS	NEEDED	PT/TIME	PT/TIME
DOZER BOSS ^	M. HORN	1	NO	DP-10 0800	BASE BY 1900
DOZER E-387 (D-6)	OPERATOR	1	YES	DP-10 0800	BASE BY 1900
DOZER E-1040 (JD-450)	G. BASLER	1	NO	DP-10 0800	BASE BY 1900
REHAB TEAM I	S. MARGUARDT	3	YES	H-12 0800	H-13 1800
FALLING TEAM	HOLT/HARDY	2	NO	H-13 0800	H-13 1800
SAWYERS	NEWTON/ULLREY	2	NO	H-13 0800	H-13 1800
FALLING TEAM	HARRISON/DILL	2	NO	H-13 0800	H-13 1800
STRIKE TEAM LEADER	E. ULLREY	1	NO	H-13 0800	H-13 1800

=====

7. CONTROL OPERATIONS

- DP-10: COMPLETE WATER BARRING AND REMOVAL OF BERM AROUND DP.
MOVE TO SP-17 TO WATER BAR STEEP DOZER LINES.
- DP-12: SEED DOZER LINE (REHAB TEAM I) BETWEEN H-12 & H-13 AND ASSOCIATED LINES.
- DP-13: CUT ROOT WADS AND 2 FOOT LOP ALONG RIDGE CREST.

8. SPECIAL INSTRUCTIONS

LOWBOY TO MOVE DOZER AT 1200.

9. DIVISION/GROUP COMMUNICATION SUMMARY

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL	SEE COMMUNICATIONS PLAN	STAT/	LOCAL				
COMMAND	REPEAT			LOGIST	REPEAT		
DIV/GROUP TACT				GROUND TO AIR			

PREPARED BY	APPROVED BY	DATE	TIME
(RESOURCE UNIT LEADER)	(PLANNING SECTION CHIEF)		
/s/ DICK BERKHOLZ	/s/ BOB IRVINE	10/09/88	2100

GENERAL MESSAGE

TO:	Supply	POSITION	Bob Vaughan - Div Sq.
FROM:	Div Q	POSITION	
SUBJECT:	Tool needs for 10/10		DATE
MESSAGE:			

2 Deliver to H-9 - Tools for 1 crew:
50% pulaskis, 50% shovels

Deliver to DP-16 - Tools for 1 crew
50% pulaskis, 50% shovels

SIGNATURE/POSITION

REPLY

DATE	TIME	SIGNATURE/POSITION
------	------	--------------------

13 ICS 1/79
IFES 1336

PERSON RECEIVING GENERAL MESSAGE KEEP THIS COPY

SENDER: REMOVE THIS COPY FOR YOUR FILE

GENERAL MESSAGE

TO:		POSITION	
FROM	Operations - Gary Robinson	POSITION	
SUBJECT		DATE	

MESSAGE: Division F, N

No transportation or tool needs

Division P

Transportation for one crew (SLV #1) to
Crandall Helibase

Tools: 50/50 mix with 20 full feders

SIGNATURE/POSITION

REPLY Division G-H

Transportation for Colorado River crew to
Crandall Helibase. Big Horn Basin #10 ~~will~~
~~provide own~~ and R-2 Regulars will
provide own transportation.

Tools: 50/50 mix, ~~for~~ plus chain saw but for
Col. River. Big Horn Basin and R-2 Regulars will
pick up own tools. 20 full feders
to H-13 (Colo River crew)

DATE	TIME	SIGNATURE/POSITION
------	------	--------------------

213 ICS 1/79
NFES 1336

PERSON RECEIVING GENERAL MESSAGE KEEP THIS COPY

SENDER: REMOVE THIS COPY FOR YOUR FILE

GENERAL MESSAGE

TO: <u>SUPPLY</u>	POSITION
FROM: <u>DIV. J.</u>	POSITION <u>FC Dennis Div. Sup.</u>
SUBJECT	DATE <u>10/10</u>
MESSAGE:	

A) Deliver to DP-25 By 6x6 TRUCK:

1 ea. COMPLETE SAWKIT WITH CHAPS & GAS & OIL

10- Full Fed-cos

50:50 Tool/mix FOR 3 CREWS

B) Deliver to H-9 For Helicopter Delivery TO HBA:

50:50 Tool mix FOR 2 CREWS

SIGNATURE/POSITION

C) Deliver to H-9 For Helicopter Delivery TO H7B:

REPLY

50:50 Tool/Mix FOR 1 CREW.

D) Deliver to H-9 For Helicopter Delivery TO H5:

50:50 Tool mix FOR 2 CREWS

DATE	TIME	SIGNATURE/POSITION
------	------	--------------------

PERSON RECEIVING GENERAL MESSAGE KEEP THIS COPY

SENDER: REMOVE THIS COPY FOR YOUR FILE

GENERAL MESSAGE

TO: H-9	POSITION
FROM: Div. J	POSITION: F.C. Dennis Div. Sup
SUBJECT	DATE: 10/10

MESSAGE:

EQUIPMENT WILL BE READY TO SLINGLOAD FROM H8 AND
BIG MOOSE LAKE AREA BEGINNING 1200 THIS DATE.
GROUND CONTACT: CATRON
NEED HELITACK CREW TO LOAD SLINGS.

SIGNATURE/POSITION

REPLY

DATE	TIME	SIGNATURE/POSITION
------	------	--------------------

213 ICS 1/79
NFES 1336

PERSON RECEIVING GENERAL MESSAGE KEEP THIS COPY

SENDER: REMOVE THIS COPY FOR YOUR FILE

INCIDENT RADIO COMMUNICATIONS PLAN ICS 205 (8/78)

1. INCIDENT NAME : 2. DATE/TIME : 3. OPERATION PERIOD :
: CLOVER MIST : 10/09/88 : DATE/TIME : 10/10/88 DAY

4. BASIC RADIO CHANNEL UTILIZATION

SYSTEM/CACHE	CHANNEL	FUNCTION	FREQUENCY	ASSIGNMENT	REMARKS
IKING	ICH ZONE 1	TACTICAL			1. GET KING H.T. RE-PROGRAMMED IF NECESSARY.
BIFC 1	2 A	1	TX RX 168.200	DIV. J.	
BIFC 1	6 A	3	TX RX 168.600	DIV. J	COMMAND REPEATER.
BIFC 1	9 C	3	TX RX 168.250	DIV. Q	
BIFC 1	3 C	3	TX RX 166.723	DIV. P,N,G,H	2. MEDIVACS WILL BE ON COMMAND REPEATER.
BIFC 1	13	REHAB			
BIFC 1	13	REHAB	TX RX 169.875	DIV. TR	
BIFC 1	4	REHAB	TX 169.750		
BIFC 1	4	RADIOB	TX 167.100	DIV. TR	
BIFC 1		TACTICAL AND	USE THE DIV.		
BIFC 1		COMMAND	WORKING WITH	DIV. LR	
BIFC 1	ICH ZONE 1	COMMAND RPT	TX 169.750		
BIFC 1	4	WINDY MTN.	TX 167.100	DIV. G, F, N, H	3. ALL EMERGENCY CLEAR ALL OTHER TRAFF
BIFC 1	ICH ZONE 1	COMMAND RPT	TX 170.425		
BIFC 1	1	CLAY BUTTE	TX 168.075	DIV. J, Q	
BIFC 1	ICH ZONE 1	AIR ATTACK/			
BIFC 1	8	GROUND	TX RX 166.675	GROUND-TO-AIR	
BIFC 1	ICH ZONE 1	AIR OPS	TX RX 168.700	HELIBASE	
BIFC 1	11	LOGISTICS			
BIFC 1	ICH ZONE 1	UHF	TX RX 415.400	INCIDENT BASE CAMP	
BIFC 1	NA	3 NA			

5. PREPARED BY (COMMUNICATIONS UNIT)

/s/ Chuck Hawkins. COMMUNICATIONS UNIT LEADER

4. OPERATIONAL PERIOD

1. INCIDENT NAME : MEDICAL PLAN : 2. DATE : 3. TIME : 4. OPERATIONAL PERIOD :
 ICS 206 (8/78) : : : : :
 : CLOVER MIST : 10/09/88 : 1900 : 10/10/88 DAY

5. INCIDENT MEDICAL AID STATIONS

MEDICAL AID STATIONS	LOCATION	PARAMEDICS
		YES : NO
CRANDALL AID STATION	CRANDALL BASE	: : ADV. EMT
		: : : : :
		: : : : :
		: : : : :

6. TRANSPORTATION

A. AMBULANCE SERVICES

NAME	ADDRESS	PHONE	PARAMEDICS
			YES : NO
NORTHEAST (YNP) AID UNIT	NORTHEAST RANGER STATION	911	: ADV EMT
WEST PARK HOSPITAL AMBULANCE	CODY, WYOMING	911	: ADV EMT
			: : : : :
			: : : : :

B. INCIDENT AMBULANCES

NAME	LOCATION	PARAMEDICS
		YES : NO
WEST PARK AMBULANCE	CRANDALL BASE	: ADV. EMT
		: : : : :
		: : : : :
		: : : : :

7. HOSPITALS

NAME	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER
	AIR	GROUND		YES	NO	
WEST PARK HOSPITAL	CODY, WY	125 MIN	1.5 HRS	527-7501	: X	: X
ST. VINCENT'S	BILLINGS, MT	160 MIN	3 HRS	800-538-4357	: X	: X
POWELL	POWELL, WY	130 MIN	2 HRS	800-654-9207	: X	: X
UNIVERSITY OF UTAH	SALT LAKE CITY, UT			801-581-2291	: X	: X

8. MEDICAL EMERGENCY PROCEDURES

GIVE FIRST AID. ALL OVERHEAD HAVE AUTHORITY TO INITIATE MEDICAL EVACUATION OR REQUEST MEDICAL AID ON THE LINE. THE
 OVERHEAD ORDERING MEDICAL EVACUATION OR MEDICAL AID MUST PROVIDE COMMUNICATIONS WITH - 1) NAME AND POSITION OF
 PERSON ORDERING, 2) NUMBER OF PEOPLE INJURED, 3) EXTENT OF INJURIES IF KNOWN, 4) LOCATION OF INJURED OR ACCIDENT,
 AND 5) NAME OF CREW INVOLVED OR IN THE AREA.

9. PREPARED BY (MEDICAL UNIT LEADER) : 10. REVIEWED BY (SAFETY OFFICER)

: :
 : /S/ WAYNE REYNOLDS : /S/ AL PEARSON

AIR OPERATIONS SUMMARY		1. INCIDENT NAME		2. OPERATIONAL PERIOD (Date & Time)		3. DISTRIBUTION HELIBASES		CRANDALL/GRAVEL	
ICS 220 (3/82)		CLOVER MIST		10/10/88 0730					
4. PERSONNEL AND COMMUNICATIONS :		NAME		AIR/GROUND FREQUENCY		5. REMARKS (Spec. Instructions, Safety Notes, Hazards, Priorities)			
AIR OPERATIONS DIRECTOR		ROGER SHEPARD		129.250		122.92VHF			
AIR ATTACK SUPERVISOR						168.100FM		ADDITIONAL ASSIGNMENTS MAY BE MADE UPON COMPLETION OF PLOTS.	
HELICOPTER COORDINATOR								PLEASE DO NOT BECOME COMPLACENT!	
AIR TANKER COORDINATOR								TAKEOFF/LANDING: BE AWARE AND SAFE!!!	
REHAB MGR HELIBASE		DUNCAN BROWN				119.125 (VHF)			
								BE ALERT AND SAFE PLEASE!!!	
6. LOCATION/ FUNCTION		7. ASSIGNMENT		8. FIXED WING 19. HELICOPTERS		10. TIME AVAILABLE		11. AIRCRAFT 12. OPERATING BASE	
CRANDALL/ SEED REHAB		ISEED PLOT 670 HODDOK CREEK IR-107M, T-55M, S-4, 9, 10 ISEED PLOT 700 PAPOOSE RIDGE IR-108M, T-56M, S-35, 36		NO. TYPE NO. TYPE		1 1500 D		REHAB 6 CRANDALL	
CRANDALL/ SEED REHAB		ISEED PLOT 2300 TIMBER CREEK IR-108M, T-56M, S-19, 28, 29		NO. TYPE NO. TYPE		1 1500 D		REHAB 4 CRANDALL	
CRANDALL/ SEED REHAB		ISEED PLOT 1550 N FORK CRANDALL CREEK R-108M, T-56M S-23, 26, 27, 34, 35, 36 ISEED PLOT 2300 TIMBER CREEK R-108M, T-56M, S-27, 28, 29, 30		NO. TYPE NO. TYPE		1 112EJ 1 SOLIDY		REHAB 3 CRANDALL	
TOTALS				3					
14. AIR OPERATIONS SUPPORT EQUIPMENT				15. PREPARED BY (Include Date & Time)		10/09/88		1500	

USDA-Forest Service

FORECAST NO. 11NAME OF FIRE: CLOVER MISTPREDICTION FOR: DAY SHIFTFOREST: SHOSHONE NF/YELLOWSTONE NPSHIFT DATE: 10/10/88

TIME AND DATE

FORECAST ISSUED: 1700 10/09/88SIGNED: /s/Paul A. Summerfelt
FIRE BEHAVIOR ANALYST

WEATHER SUMMARY:

See attached Spot Weather Forecast.

FIRE BEHAVIORGENERAL:

Excellent opportunity to continue mop-up and hot-spotting. Activity will be quiet in the AM, and increase after 1300 hrs. It's certain we will again be making initial attack and/or "reattack" on sleeper spots.

SPECIFIC:

All Divisions: Fire will continue to creep, smoke and flare. Most of the activity will be on the ground. When ground flare-ups occur, rapid torching of individual trees and/or small groups is possible.

FL will in all probability range between 1-3 ft. with ROS of 10 ch/hr (11 ft/min). On steep slope or with higher winds, be alert to possibility of 10-15 ft. FL and ROS approaching 30-40 ch/hr. During episodes of crowning, expect spotting distances of .2 mile, with PI = 40% (low).

AIR OPERATIONS:

Mild inversion with associated smoke and haze will set up this evening. Ceiling of 1000 ft AGL. Inversion will limit visibility but will not hamper air operations.

SAFETY:

Long fire season
+ Late in the season
+ Quiet fire
= Potential problems

NFES 6011

R3-FB-5100-115(1/B5)

FIRE WEATHER SPECIAL FORECAST REQUEST

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

(See reverse for instructions)

I - REQUESTING AGENCY WILL FURNISH:

1. NAME OF FIRE OR OTHER PROJECT

Clover Mist

2. CONTROL AGENCY

3. REQUEST MADE

TIME #

DATE

4. LOCATION (By 1/4 Sec - Sec - Twp - Range)

5. DRAINAGE NAME

6. EXPOSURE (NE, E, SE, etc.)

7. SIZE OF PROJECT (Acres)*

8. ELEVATION*

TOP

BOTTOM

9. FUEL TYPE

10. PROJECT ON:

☐ GROUND☐ CROWNING

11. WEATHER CONDITIONS AT PROJECT OR FROM NEARBY STATIONS (See example on reverse)

PLACE	ELEVATION	OB TIME	WIND DIR.-VEL.	TEMP.				1 (Lv. Blank)	REMARKS (Indicate rain, thunderstorms, etc. Also wind condition and 10th of cloud cover.)
				DRY	WET	RH	DP		

12. SEND FORECAST TO:

PLACE

VIA

ATTN: (Name, if applicable)

11 - FIRE WEATHER FORECASTER WILL FURNISH:

13. FORECAST AND OUTLOOK

TIME # AND DATE: 10 Oct 88

Today -- a strong high pressure zone continues to dominate our weather. What this means is another sunny and mild day, with less wind. Sky will be clear with zero chance of precipitation.

Max Temp → 60-65°F

Min RH → 20-24%

Wind Dir. → N-NE

Wind Speed → light and variable
(3-6 mph eye level) on the fire.
Winds will be 15-20 mph above
10,000 ft MSL

Long Range -- The Clover Mist Swimming Pool will reopen tomorrow.

NAME OF FIRE WEATHER FORECASTER

Brenda Brock

FIRE WEATHER OFFICE

Cheyenne, WY

III - REQUESTING AGENCY WILL COMPLETE UPON RECEIPT OF FORECAST

IV. FORECAST RECEIVED:

TIME #

1530

DATE

9 Oct 88

NAME

Paul Summerfelt

Explanation
of
symbols:

- Use 24-hour clock to indicate time. Example: 10:15 p.m. = 2215; 10:15 a.m. = 1015.
- For concentrations (as groups of lightning fires) specify "Concentration"; then give number of fires and size of largest. If concentrations are in more than one drainage, request special forecast for each drainage.
- ! No entry necessary. To be computed by the Fire Weather Forecaster.

Safety Message

Incident:

Clover Mist

Date:

10/10/88

Time:

0700

Major Hazards and Risks:

1. Long line sling loading material and being under the hook is dangerous, Watch It!! And don't get under load!
2. Lifting heavy loads without reason is nuts! i.e., 3 rolls of hose + rough ground + hurrying = Hernia x2

Narrative:

* Propane heaters are nice but they are not automatic toasters! This type use will lead to flaming fingers, singed gloves and besides that burned toast!

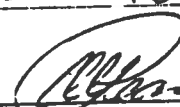
* With demob-a factual reality be extra extra safe so you can go home richer still with all facilities intact and in place.

* To rush is to error and often to fail, hurrying around any job adds to danger and accident potential be it around aircraft, tools, travel, walking in rough terrain.

* Remember safety is everyone responsibility!

Final Note

Sex is great Safety is better


Safety Officer



Fight fire aggressively, but provide for safety first.

Initiate all action based on current and expected fire behavior.

Recognize current weather conditions and obtain forecasts.

Ensure instructions are given and understood.

Obtain current information on fire status.

Remain in communication with crew members, your supervisor, and adjoining forces.

Determine safety zones and escape routes.

Establish lookouts in potentially hazardous situations.

Retain control at all times.

Stay alert, keep calm, think clearly, act decisively.

CLOVER MIST

72



cover art courtesy
of the Bighorn Basin
Water Hogs



Rebyn
EA

DAY SHIFT
PLAN

OCTOBER 11, 1988

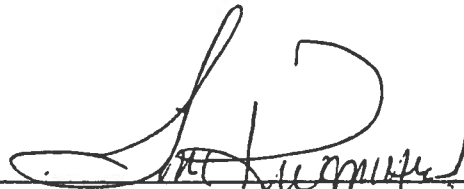
CLOVER MIST INCIDENT

EQUAL OPPORTUNITY EMPLOYMENT POLICY

All primary members currently assigned to the Rocky Mountain Class II Team fully support the Laws, Regulations, and policies pertaining to the civil rights of all firefighting personnel. Inappropriate behavior including but not restricted to gender and racial harassment, sexual harassment, or any form of discrimination will not be tolerated. All Chiefs, Supervisors, and Managers in addition to all Crewleaders and firefighters are expected to take immediate action when examples of inappropriate behavior occur.

The EEO Counselor assigned to the Clover Mist Incident by the Shoshone National Forest is:

Rudy Candelaria Locations: Logistics Trailer



Jim Krugman, Incident Commander

INCIDENT OBJECTIVES
ICS 202 (3/80)

1. INCIDENT NAME	12. DATE PREPARED	13. TIME PREPARED
CLOVER MIST	10/10/88	1600

4. OPERATIONAL PERIOD (DATE/TIME)

10/11/88 0700 - 1900

5. GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES)

1. The priority above all others on this Incident will continue to be for the safety, health, and well being of all firefighters, overhead, and support personnel.
2. All individuals assigned to this Incident are expected to be responsive to the Laws and regulations pertinent to the civil rights of all fellow firefighters regardless of race color, creed, sex, religion, or National origin.
3. Continue to provide for the protection of structures both in the Crandall and it's surrounding areas as needed. Monitor all contained fire edges.
4. Use control strategy as defined in the Escaped Fire Situation Analysis.
5. Coordinate and provide for an orderly and scheduled demobilization of all resources.

6. WEATHER FORECAST FOR OPERATIONAL PERIOD

See weather forecast.

7. GENERAL/SAFETY MESSAGE:

BEWARE OF FALLING SNAGS. KEEP DRIVING DEFENSIVELY--LIGHTS ON
KEEP IT SLOW. BE SURE DRIVERS GOING TO THE FIRELINE HAVE
NOMEX AND SHELTERS.

8. CONTENTS:

ORGANIZATION LIST (ICS 203)
DIVISION ASSIGNMENTS (ICS 204)
COMMUNICATIONS PLAN (ICS 205)
MEDICAL PLAN (ICS 206)
FIRE BEHAVIOR FORECAST

EQUAL OPPORTUNITY POLICY
FIRE WEATHER FORECAST
AIR OPERATIONS SUMMARY
SAFETY MESSAGE
TOPOG MAPS
TOOL LIST

9. PREPARED BY (PLANNING SECTION CHIEF)

10. APPROVED BY (INCIDENT COMMANDER)

/s/ BOB IRVINE

1. INCIDENT NAME	2. DATE PREPARED	3. TIME
CLOVER MIST	10/10/88	1415
4. OPERATIONAL PERIOD (DATE/TIME)	10/11/88	0700 - 1930
5. - INCIDENT COMMANDER AND STAFF		
INCIDENT COMMANDER	JIM KRUGMAN	LARRY ROBINSON
SAFETY OFFICER	BILL KIGHT / AL PEARSON	IDEAN BERGER
INFORMATION OFFICER	MARK BAYLES	
LIAISON OFFICER	VERN SCHMITT	
6. AGENCY REPRESENTATIVES		
AGENCY NAME		
NAT. GUARD MIKE WINTERS		
NAT. GUARD 18FC MIKE WARNER - NODIC C		
BIA CRW REP MICHAEL DIEM		
BIA SHORAP JIM COLSON		
7. PLANNING SECTION		
CHIEF	BOB IRVINE	
RESOURCES UNIT	DICK BERKHOLZ	
SITUATION UNIT	LARIE THORPE	
DOCUMENTATION UNIT	BOB ALLISON	
DEMOBILIZATION UNIT	HARRY PHILLIPS	
TECHNICAL SPECIALISTS		
FIRE BEHAVIOR ANALYST	PAUL SUMMERFELT	
8. LOGISTICS SECTION		
CHIEF	ERNIE NESBITT	
ASSISTANT		
9. SUPPORT BRANCH		
SUPPLY UNIT LEADER	RUSS RIEBE	
ORDERING MANAGER	IGARY LIENARD	
FACILITIES UNIT	BONDE EULBERG	
GROUND SUPPORT UNIT	IKEN MOBERG	
RECEIVING & DIST MGR	BILL LANE	
10. SERVICE BRANCH		
DIRECTOR		
COMMUNICATIONS UNIT	CHUCK HAWKINS	
MEDICAL UNIT	WAYNE REYNOLDS	
FOOD UNIT	WAYNE BILLS	
11. OPERATIONS SECTION		
CHIEF		
12. BRANCH II - DIVISIONS		
BRANCH DIRECTOR		
DIVISION	J. DENNISON	
DIVISION	J. DENNISON	
DIVISION	CHUCK DENNIS	
DIVISION	IRON VAUGHN	
REHAB GROUP	STEVE MCWILLIAMS	
REHAB GROUP		
13. BRANCH IV		
BRANCH DIRECTOR		
DIVISION	N	
DIVISION	PIC. DUNFEE	
14. AIR OPERATIONS BRANCH		
AIR OPERATION BR. DIR	BILL YOUNT	
AIR SUPPORT GROUP SUP	BOB DETTMANN	
AIR SUPPORT GROUP SUP	BERNIE WEINGARDT	
15. FINANCE SECTION		
CHIEF	JANEITE ARCHIBEQUE	
EQUIP TIME LDR		
PERSONL TIME UNIT LDR	BARBARA MCHUGH	
COMPENSATION/CLAIMS UNIT	VERONICA BELTON	
COST UNIT		
PROCUREMENT UNIT LEADER	KERMIT JOHNSON	
16. PREPARED BY (RESOURCES UNIT)		
	/S/BOB IRVINE	

DIVISION ASSIGNMENT LIST ICS 204 (1/82)		1. BRANCH II	2. DIVISION G- H
3. INCIDENT NAME CLOVER MIST		4. OPERATIONAL PERIOD DATE 10/11/88 TIME 0700 - 1930	

5. OPERATIONS PERSONNEL

OPERATIONS CHIEF LARRY ROBINSON DIVISION SUPERVISOR JOHN DENISON
 BRANCH DIRECTOR _____ AIR ATTACK SUPERVISOR NO. _____

6. RESOURCES ASSIGNED THIS PERIOD

STRIKE TEAM/TASK FORCE/ RESOURCE DESIGNATOR	LEADER	NUMBER PERSONS	TRANS. NEEDED	DROP OFF PT/TIME	PICK UP PT/TIME
EAGLE S/T ^A	G. KIZER	8	N		BASE BY 1900
STRIKE TEAM LEADER	J. VINYARD	1	N	H-13 0800	H-13 1800
RIO GRANDE #1	J. TRUJILLO	18	N	H-13 0800	H-13 1800
BIG HORN BASIN # 10	C. HUTTON	19	N	H-17B 0800	H-17B 1800
STRIKE TEAM LEADER	E. ULLREY	1	N	SQUAW CR RD 0800	BASE BY 1900
FALLING TEAM	HOLT/HARDY	2	N	SQUAW CR RD 0800	BASE BY 1900
SAWYERS	NEWTON/ULLREY	2	N	SQUAW CR RD 0800	BASE BY 1900
FALLING TEAM	HARRISON/DILL	2	N	SQUAW CR RD 0800	BASE BY 1900

7. CONTROL OPERATIONS

- EAGLE STRIKE TEAM PATROL AND MOP UP AS DIRECTED IN DIVISIONS P, G, AND H.
- BIG HORN BASIN #10 MOP UP SMOKES DOWN THE RIDGE FROM H-17B.
- SQUAW CREEK RD - CLEAN UP SLASH ALONG SQUAW CR RD AS DIRECTED BY DIVISION SUPERVISOR.
- RIO GRANDE # 1 MOP UP SMOKES NEAR H-13.

8. SPECIAL INSTRUCTIONS

9. DIVISION/GROUP COMMUNICATION SUMMARY

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL	SEE COMMO PLAN			STAT/	LOCAL		
COMMAND/ REPEAT/				LOGIST/REPEAT/			
DIV/GROUP TACT				GROUND TO AIR			
PREPARED BY (RESOURCE UNIT LEADER)	APPROVED BY (PLANNING SECTION CHIEF)			DATE	TIME		
/s/ DICK BERKHOLZ	/s/ BOB IRVINE			10/10/88	2100		

DIVISION ASSIGNMENT LIST ICS 204 (1/82)		1. BRANCH IV	2. DIVISION F, N
3. INCIDENT NAME CLOVER MIST		4. OPERATIONAL PERIOD DATE 10/11/88 TIME 0700 - 1930	
5. OPERATIONS PERSONNEL			
OPERATIONS CHIEF LARRY ROBINSON		DIVISION SUPERVISOR UNASSIGNED	
BRANCH DIRECTOR LARRY ROBINSON		AIR ATTACK SUPERVISOR	

6. RESOURCES ASSIGNED THIS PERIOD					
STRIKE TEAM/TASK FORCE/ RESOURCE DESIGNATOR	LEADER	NUMBER PERSONS	TRANS. NEEDED	DROP OFF PT/TIME	PICK UP PT/TIME

7. CONTROL OPERATIONS

8. SPECIAL INSTRUCTIONS
 OPERATIONS WILL DO RECON OF DIVISIONS F, N, P, G, H, AND J AT APPROX. 1200.
 FLIGHT WILL LAST 1.5 TO 2 HOURS.

9. DIVISION/GROUP COMMUNICATION SUMMARY

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL	SEE COMMUNICATIONS PLAN	STAT/	LOCAL				
COMMAND! REPEAT!				LOGIST! REPEAT!			
DIV/GROUP TACT				GROUND TO AIR!			

PREPARED BY (RESOURCE UNIT LEADER)	APPROVED BY (PLANNING SECTION CHIEF)	DATE	TIME
/s/ DICK BERKHOLZ	/s/ BOB IRVINE	10/10/88	2100

DIVISION ASSIGNMENT LIST		1. BRANCH	2. DIVISION
ICS 204 (1/82)		II	J
3. INCIDENT NAME		4. OPERATIONAL PERIOD	
CLOVER MIST		DATE 10/11/88	
		TIME 0700 - 1930	

5. OPERATIONS PERSONNEL

OPERATIONS CHIEF DEAN BERGER

DIVISION SUPERVISOR CHUCK DENNIS

BRANCH DIRECTOR DEAN BERGER

AIR ATTACK SUPERVISOR

6. RESOURCES ASSIGNED THIS PERIOD

STRIKE TEAM/TASK FORCE/	NUMBER	TRANS.	DROP OFF	PICK UP
RESOURCE DESIGNATOR	LEADER	PERSONS	NEEDED	PT/TIME
STRIKE TEAM LEADER	GAYLEN HUBER	1	H-8	0800 DP-14A 1830
PIKE	M. HESSLER	19	Y H-8	0800 DP-14A 1830
COLORADO RIVER	D. NEVBOLD	18	Y H-8	0800 DP-14A 1830
STRIKE TEAM LEADER	B. AYERS	1	Y DP-18	0800 DP-18 1830
GUNNISON	D. RAEL	20	Y DP-18	0800 DP-18 1830
STRIKE TEAM LEADER	J. COVER	1	Y H-5	0800 H-5 1630
MEDICINE BOW	V. BENTLEY	19	Y H-5	0800 H-5 1630
SLV # 1	J. FACKRELL	16	Y H-8A	0800 H-8A 1630
STRIKE TEAM LEADER	R. KLING	1	Y H-7B	0800 H-7B 1630
SAN JUAN	M. LAUER	19	Y H-7B	0800 H-7B 1630

7. CONTROL OPERATIONS:

- MOPUP ALL SMOKES WITHIN THE FIRST 400 FEET OF BURNED AREA ENCOUNTERED, MOVING INWARD AT A 90 d. ANGLE TO THE CONTROL LINE. USE HELIBUCKET SUPPORT ON HOTSPOTS IN AREAS EXCEEDING THAT 400 FEET. CONTINUE USE OF HOSE LAYS IN SUPPORT OF MOPUP.

8. SPECIAL INSTRUCTIONS

- STL KLING: MOP UP AND/OR PATROL SW OF ROCK ISLAND BUTTE TO "LIZARD ROCK". BEGIN BREAKDOWN OF EQUIPMENT AND LINE REHAB.
- STL COVER: PATROL AND COMPLETE REMOVAL OF EQUIPMENT FROM "LIZARD ROCK" TO IVY LAKE. COMPLETE BREAKDOWN OF EQUIPMENT AND LINE REHAB.
- STL HUBER: PATROL AND REHAB LINE SOUTH FROM H-8 AS NEEDED. MOP UP AND PATROL HOT SPOT WEST OF LITTLE MOOSE LAKE.
- STL AYERS: PATROL, REHAB LINE AND PULL HOSE LAY NORTH OF DP-18.

** DP-14A: JUNCTION OF LILY LAKE ROAD AND GILBERT CREEK ROAD EAST OF GILBERT CREEK.

9. SAFETY INSTRUCTIONS

- CONTINUE SAFETY MEASURES AS DETAILED IN PREVIOUS SHIFT PLAN.

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL	SEE COMMUNICATIONS PLAN	STAT/	LOCAL				
COMMAND	REPEAT	LOGIST	REPEAT				
DIV/GROUP TACT		GROUND TO AIR					
PREPARED BY	APPROVED BY	DATE	TIME				
(RESOURCE UNIT LEADER)	(PLANNING SECTION CHIEF)	10-10-88	1900				
/s/DICK BERKHOLZ	/s/BOB IRVINE						

```

=====
DIVISION ASSIGNMENT LIST      | 1. BRANCH      | 2. DIVISION
      ICS 204 (1/82)          |      IV        |      P
=====
3. INCIDENT NAME              | 4. OPERATIONAL PERIOD
      CLOVER MIST              |      DATE 10/11/88
                                |      TIME 0700 - 1930
=====

```

5. OPERATIONS PERSONNEL

```

=====
OPERATIONS CHIEF LARRY ROBINSON      DIVISION SUPERVISOR CHUCK DUNFEE
BRANCH DIRECTOR LARRY ROBINSON      AIR ATTACK SUPERVISOR _____
=====

```

6. RESOURCES ASSIGNED THIS PERIOD

```

=====
STRIKE TEAM/TASK FORCE/ | NUMBER | TRANS. | DROP OFF | PICK UP
RESOURCE DESIGNATOR    | LEADER | PERSONS | PT/TIME  | PT/TIME
=====
INITIAL ATTACK # 1     | HELITACK | 4      | NO      | CRANDALL HELIBASE
                        |          |         |         | 0800
SLV # 2                 | J. CUNIO | 18     | YES     | H-71 0800 | H-71 1800
                        |          |         |         |         | RETURN TO
EAGLE ENG T/F          | G. KIZER | 8      | NO      |         | BASE 1900
=====

```

7. CONTROL OPERATIONS

- EAGLE TASK FORCE PATROL AND MOP UP ALONG ALL ROADS IN DIVISIONS P, G, AND H.
- SLV # 2 WILL BE FLOWN TO HOT SPOTS NEAR H-71.
- INITIAL ATTACK # 1 TO MOP UP SMOKES IN UPPER END OF DIVER CREEK.
- USE 86F TO FERRY IN CREW.

8. SPECIAL INSTRUCTIONS

- DIVISION SUPERVISOR OR CREW BOSS CONTACT CRANDALL HELIBASE FOR BUCKET SUPPORT.

9. DIVISION/GROUP COMMUNICATION SUMMARY

```

=====
FUNCTION | FREQ. | SYSTEM | CHAN. | FUNCTION | FREQ. | SYSTEM | CHAN.
-----|-----|-----|-----|-----|-----|-----|-----
LOCAL | SEE COMMO. PLAN | | | STAT/ | LOCAL | | |
COMMAND | REPEAT | | | LOGIST | REPEAT | | |
DIV/GROUP TACT | | | | GROUND TO AIR | | | KING |
=====

```

```

=====
PREPARED BY | APPROVED BY | DATE | TIME
(RESOURCE UNIT LEADER) | (PLANNING SECTION CHIEF) |
/s/ DICK BERKHOLZ | /s/ BOB IRVINE | 10/10/88 | 2100
=====

```

```

=====
DIVISION ASSIGNMENT LIST      1. BRANCH      2. DIVISION
      ICS 204 (1/82)          IV              Q
=====

```

```

=====
3. INCIDENT NAME              4. OPERATIONAL PERIOD
      CLOVER MIST              DATE 10/11/88
                                TIME 0700 - 1930
=====

```

```

=====
5. OPERATIONS PERSONNEL

OPERATIONS CHIEF DEAN BERGER      DIVISION SUPERVISOR R. VAUGHN

BRANCH DIRECTOR DEAN BERGER      AIR ATTACK SUPERVISOR
=====

```

6. RESOURCES ASSIGNED THIS PERIOD

STRIKE TEAM/TASK FORCE/	LEADER	NUMBER	TRANS.	DROP OFF	PICK UP
RESOURCE DESIGNATOR		PERSONS	NEEDED	PT/TIME	PT/TIME
STRIKE TEAM LEADER	V. ARMENT	1	YES	H-9/7A 0800	DP-16 1900
YELLOW JACKETS	J. CONNER	20	YES	H-9/7 0800	DP-16 1900

7. CONTROL OPERATIONS

-- MOPUP ALL SMOKES WITHIN THE FIRST 400 FEET OF BURNED AREA ENCOUNTERED, MOVING INWARD AT A 90 d. ANGLE TO THE CONTROL LINE. USE HELIBUCKET SUPPORT ON HOTSPOTS IN AREAS EXCEEDING THAT 400 FEET. CONTINUE USE OF HOSE LAYS IN SUPPORT OF MOPUP.

8. SPECIAL INSTRUCTIONS

- CREW WILL FLY TO H-7. PATROL FROM THE SE CORNER OF ROCK ISLAND LAKE TO DP-16, LOOKING FOR ACTIVITY NEAR ESTABLISHED HAND LINE.
- CREWS TO WORK IN PAIRS WITH ONE INDIVIDUAL ACTING AS LOOKOUT IN ALL HAZARDOUS SITUATIONS.
- LOOKOUT WITH AIR HORN TO BE POSTED DURING ALL SAW AND HIGH PRESSURE NOZZLE WORK.
- HOTSPOTS IN OR ADJACENT TO BOGS WILL BE WORKED BY HELIBUCKET ONLY - PERSONNEL TO STAND CLEAR. 1ST 100 FEET.
- BREAK DOWN AND STOCKPILE ALL EQUIPMENT NOT NEEDED FOR SUPPRESSION EFFORT AND PROVIDE INVENTORY.

9. DIVISION/GROUP COMMUNICATION SUMMARY

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL				STAT/	LOCAL		
COMMAND	REPEAT			LOGIST	REPEAT		
DIV/GROUP TACT	SEE COMMUNICATIONS PLAN			GROUND TO AIR			

PREPARED BY	APPROVED BY	DATE	TIME
(RESOURCE UNIT LEADER)	(PLANNING SECTION CHIEF)		
/s/ DICK BERKHOLZ	/s/ BOB IRVINE	10/10/88	2100

20=====

DIVISION ASSIGNMENT LIST	1. BRANCH	2. GROUP
ICS 204 (1/82)	II	LINE REHAB

=====

3. INCIDENT NAME	4. OPERATIONAL PERIOD
CLOVER MIST	DATE 10/11/88
	TIME 0700 - 1930

=====

5. OPERATIONS PERSONNEL

OPERATIONS CHIEF LARRY ROBINSON GROUP SUPERVISOR STEVE MCWILLIAMS

BRANCH DIRECTOR _____ AIR ATTACK SUPERVISOR _____

=====

6. RESOURCES ASSIGNED THIS PERIOD

STRIKE TEAM/TASK FORCE/	NUMBER	TRANS.	DROP OFF	PICK UP
RESOURCE DESIGNATOR	PERSONS	NEEDED	PT/TIME	PT/TIME
REHAB TEAM I	S. MARGUARDT	13	NO	B4 RANCH BASE BY 0800 1900

7. CONTROL OPERATIONS

B4 RANCH: WATER BAR DOZER LINE BETWEEN L BAR T RANCH AND END.
WATER BAR DOZER LINE ACROSS FROM FEW ACRES RANCH.

8. SPECIAL INSTRUCTIONS

9. DIVISION/GROUP COMMUNICATION SUMMARY

FUNCTION	FREQ.	SYSTEM	CHAN.	FUNCTION	FREQ.	SYSTEM	CHAN.
LOCAL	SEE COMMUNICATIONS PLAN	STAT/	LOCAL				
COMMAND/ REPEAT/				LOGIST/ REPEAT/			
DIV/GROUP TACT				GROUND TO AIR			

PREPARED BY	APPROVED BY	DATE	TIME
(RESOURCE UNIT LEADER)	(PLANNING SECTION CHIEF)		
/s/ DICK BERKHOLZ	/s/ BOB IRVINE	10/10/88	2100

GENERAL MESSAGE

TO: _____ POSITION _____
FROM: Operations - Larry Robinson POSITION _____
SUBJECT _____ DATE 10-11-88

MESSAGE:

Division F, N

No transportation or tool needs

Division P

Transportation for one crew (SLV #2)
to Crandall Helibase.

Tools: 50/50 mix with 20 full sets

SIGNATURE/POSITION

REPLY

Division G-H

No transportation or tool needs
for Big Horn Basin #10 crew.

Need vehicle for S.T. Leader Ed Ulbey

DATE

TIME

SIGNATURE/POSITION

PERSON RECEIVING GENERAL MESSAGE KEEP THIS COPY

SENDER: REMOVE THIS COPY FOR YOUR FILE

GENERAL MESSAGE

TO:

POSITION

FROM

POSITION

SUBJECT

DATE

10-11-88

MESSAGE:

Gene Rehab

No transportation or tool needs
for Gene Rehab Team I

Initial Attack #1 and 2

Transportation to Crandall Helibase

SIGNATURE/POSITION

REPLY

DATE

TIME

SIGNATURE/POSITION

GENERAL MESSAGE

TO: SUPPLY

POSITION

FROM: DIV "J"

POSITION: F.C. Jenkin Divs

SUBJECT

DATE: 10/11

MESSAGE:

A) Deliver Tools To H-9 For Helicopter Transport To H-8:

50:50 Tool Mix For 2 Crews.

B) Deliver Tools To H-9 For Helicopter Transport To H-5:

50:50 Tool Mix For 1 Crew

C) Deliver to H-9 For Helicopter Transport To H-8A:

SIGNATURE/POSITION

50:50 Tool Mix For 1 Crew

REPLY

D) Deliver to H-9 For Helicopter Transport To H-7B:

50:50 Tool Mix For 1 Crew.

E) Deliver to DP-18 50:50 Tool Mix For 1 Crew.

* F) MATERIAL & EQUIPMENT AVAILABLE FOR PICKUP N OF DP-25 ON CRAZY LAKES TRAIL (DRIVABLE BY 6x6)

DATE

TIME

SIGNATURE/POSITION

PERSON RECEIVING GENERAL MESSAGE KEEP THIS COPY

SENDER: REMOVE THIS COPY FOR YOUR FILE

GENERAL MESSAGE

TO: H-9

POSITION

FROM

POSITION

F.C. Danner / DIVS

SUBJECT

DATE 10/11

MESSAGE:

SLING LOADS will be READY FOR TRANSPORT
FROM DIV. J FROM THE FOLLOWING LOCATIONS:

- A) IVY LAKE
- B) H-8
- C) E. SIDE OF BIG MOOSE LAKE (LONG LINE)
- D) 1 1/2 mile E-NE OF H-9 (AFTER 1200)

HELITACK will be REQUIRED TO LOAD SLINGS.

SIGNATURE/POSITION

REPLY

DATE

TIME

SIGNATURE/POSITION

GENERAL MESSAGE

TO: Supply	POSITION
FROM: Div 0	POSITION
SUBJECT: Tools needed for 10/11/88	DATE
MESSAGE:	

Tools for 1 crew delivered to H-9.
50% pulaskis, 50% shovels, ~~4~~ 4
4 feeders (empty)

SIGNATURE/POSITION

REPLY

DATE

TIME

SIGNATURE/POSITION

AIR OPERATIONS SUMMARY		1. INCIDENT NAME		2. OPERATIONAL PERIOD (Date & Time)		3. DISTRIBUTION	
ICS 220 (3/82)		CLOVER MIST		10/10/08		HELIBASES FIXED WING BASES	
						16 0	
4. PERSONNEL AND COMMUNICATIONS		NAME		AIR/GROUND FREQUENCY		5. REMARKS (Spec. Instructions, Safety Notes, Hazards, Priorities)	
AIR OPERATIONS DIRECTOR		BILL YOUNT		166.675		1. CREW AND TOOL FERRY	
		BOB DEITMANN (I)		SAME AS ABOVE		2. RECON BY DIRECTION OF OPERATIONS	
HELICOPTER COORDINATOR						3. BUCKET DROPS AS REQUESTED BY DIV SUPS	
AIR TANKER COORDINATOR						4. OTHER FLIGHTS AS APPROVED BY OPERATIONS CHIEFS.	
HELIBASE MGR		BERNIE WEINGARDI		123.250		5. MEDIVAC - 121Z OR 522EH	
HELIBASE MGR - REHAB		DUNCAN BROWN					
AVIATION SAFETY OTHER		MARK SAYLES					
				166.675		NEW AIR RESTRICTION: 20 N. MILES RADIUS FROM A POINT 360 d. CODY VOR TO 12000.	
				169.750		11. AIRCRAFT 12. OPERATING BASE	
				119.125 (VHF)			
				169.750			
				166.675			
6. LOCATION/ 17. FUNCTION		18. FIXED WING 19. HELICOPTERS		10. TIME AVAILABLE		11. COMMENCE	
ALL		NO. TYPE		NO. TYPE		121Z	
1. CREW FERRY, LONG LINE		1		11		121Z	
2. BUCKET, MEDIVAC							
ALL							
1. CREW FERRY, BUCKET SLING		1		11		522EH	
ALL							
1. CREW FERRY, BUCKET SLING		1		11		86F	
ALL							
1. RECON, LONG LINE BUCKET		1		11		42PL	
ALL							
1. RECON, LONGLINE, BUCKET		1		11		920	
ALL							
1. CREW FERRY BUCKET		1		11		399EH	
DIVISIONS - AM		1		11			
CRANDALL - AM		1		11			
WAPITI R/S PM		1		11			
1. BUCKET, MOUP, AFTER MORN. FERRY		1		11			
TOTALS		7					
SCHEDULED RECON:							
14. AIR OPERATIONS SUPPORT EQUIPMENT				15. PREPARED BY (Include Date & Time)			
BOB DEITMANN				10/09/88 1500			

INCIDENT RADIO COMMUNICATIONS PLAN
 ICS 205 (8/78)

1. INCIDENT NAME: CLOVER MIST
 2. DATE/TIME: 10/10/88
 3. OPERATION PERIOD: 10/11/88 DAY

4. BASIC RADIO CHANNEL UTILIZATION

SYSTEM/CACHE	CHANNEL	FUNCTION	FREQUENCY	ASSIGNMENT	REMARKS
IKING MOTOR LAIGE					
ICH 12	1 2 A	TACTICAL	TX RX 168.200	DIV. J.	1. GET KING H.T. RE-PROGRAMMED IF NECESSARY.
ICH 16	1 3 A	TACTICAL	TX RX 168.600	DIV. J.	COMMAND REPEATER.
ICH 19	1 3 C	TACTICAL	TX RX 168.250	DIV. D	
ICH 13	1 1 C	TACTICAL	TX RX 166.725	DIV. P.N.G.H	2. MEDIVACS WILL BE ON COMMAND REPEATER.
ICH 113	REHAB	TACTICAL	TX RX 169.875	DIV. TR	
ICH 14	RADIOS	COMMAND RPT	TX 169.750		
		WINDY MTN.	RX 167.100	DIV. TR	
		TACTICAL AND	USE THE DIV.		
		COMMAND	WORKING WITH	DIV. LR	
ICH 14	ICH ZONE 1 F	COMMAND RPT	TX 169.750		
ICH 14	7 C	WINDY MTN.	RX 167.100	DIV. G, P, N, H	3. ALL EMERGENCY CLEAR ALL OTHER TRAFFIC
ICH 11	9 A	COMMAND RPT	TX 170.425		
ICH 11	1 7 2	CLAY BUTTE	TX 168.075	DIV. J. D	
ICH 11	ICH ZONE 1 F	AIR ATTACK/			
ICH 18	1 B	GROUND	TX RX 166.675	GROUND-TO-AIR	
ICH 11	4 A	AIR OPS	TX RX 168.700	HELIBASE	
ICH 11	ICH ZONE 1 F	LOGISTICS			
ICH 11	3 NA	UHF	TX RX 415.400	INCIDENT BASE CAMP	

5. PREPARED BY (COMMUNICATIONS UNIT)
 /s/ Chuck Hawkins, COMMUNICATIONS UNIT LEADER

=====

1. INCIDENT NAME	12. DATE	13. TIME	14. OPERATIONAL PERIOD
MEDICAL PLAN	PREPARED	PREPARED	
ICB 206 (8/78)	10/10/88	1900	10/11/88 DAY
CLOVER MIST			

=====

=====

5. INCIDENT MEDICAL AID STATIONS

MEDICAL AID STATIONS	LOCATION	PARAMEDICS
CRANDALL AID STATION	CRANDALL BASE	YES NO ADV. EMT

=====

=====

6. TRANSPORTATION

A. AMBULANCE SERVICES

NAME	ADDRESS	PHONE	PARAMEDICS
			YES NO ADV. EMT
NORTHEAST (YNP) AID UNIT	NORTHEAST RANGER STATION	911	ADV EMT
WEST PARK HOSPITAL AMBULANCE	CODY, WYOMING	911	ADV EMT

=====

=====

B. INCIDENT AMBULANCES

NAME	LOCATION	PARAMEDICS
		YES NO ADV. EMT
WEST PARK AMBULANCE	CRANDALL BASE	

=====

=====

7. HOSPITALS

NAME	ADDRESS	TRAVEL TIME	AIR	GROUND	PHONE	HELIPAD	BURN CENTER
						YES NO YES NO	
WEST PARK HOSPITAL	CODY, WY	125 MIN	1.5 HRS	527-7501	X	X	X
ST. VINCENT'S	BILLINGS, MT	160 MIN	13 HRS	1800-538-4357	X	X	X
POWELL	POWELL, WY	130 MIN	12 HRS	1800-634-9207	X	X	X
UNIVERSITY OF UTAH	SALT LAKE CITY, UT			1801-581-2291	X	X	X

=====

=====

8. MEDICAL EMERGENCY PROCEDURES

GIVE FIRST AID. ALL OVERHEAD HAVE AUTHORITY TO INITIATE MEDICAL EVACUATION OR REQUEST MEDICAL AID ON THE LINE. THE OVERHEAD ORDERING MEDICAL EVACUATION OR MEDICAL AID MUST PROVIDE COMMUNICATIONS WITH - 1) NAME AND POSITION OF PERSON ORDERING, 2) NUMBER OF PEOPLE INJURED, 3) EXTENT OF INJURIES IF KNOWN, 4) LOCATION OF INJURED OR ACCIDENT, AND 5) NAME OF CREW INVOLVED OR IN THE AREA.

19. PREPARED BY (MEDICAL UNIT LEADER) 10. REVIEWED BY (SAFETY OFFICER)

	/S/ WAYNE REYNOLDS	/S/ AL PEARSON
--	--------------------	----------------

=====

FIRE BEHAVIOR FORECAST

USDA-Forest Service

FORECAST NO. 12

NAME OF FIRE: CLOVER MIST

PREDICTION FOR: DAY SHIFT

FOREST: SHOSHONE NF/YELLOWSTONE NP

SHIFT DATE: 10/11/88

TIME AND DATE

FORECAST ISSUED: 1730 10/10/88

SIGNED: /s/Paul A. Summerfelt
FIRE BEHAVIOR ANALYST

WEATHER SUMMARY:

See attached Spot Weather Forecast.

FIRE BEHAVIOR

GENERAL:

A virtual repeat of the past several days. Although no surprises are anticipated, be alert. Activity will increase after 1300 hrs. Another excellent day to continue mop-up and hot-spotting operations.

SPECIFIC:

All Divisions: Fire will continue to creep, smoke and flare. Primary activity will be on the ground. Torching of individual trees will occur.

FL will be 1-3 ft. (ground fire) with 4-6 ch/hr (5-7 ft. min) ROS possible. During torching episodes, spotting distance will be less than .2 mile, with PI = 50%.
If winds exceed 15 mph, be alert to possibility of 10-15 ft. FL and ROS approaching 30 ch/hr.

AIR OPERATIONS:

Nighttime inversion, with associated smoke and haze will develop after Monday evening. It will limit early morning visibility but will not affect operations.

SAFETY:

1. Fire will continue to eat away at tree roots, particularly in bog areas. Be alert!
2. Don't assume that because you haven't seen smoke in an area for several days, there is no need to check today. "Sleeper" spots are alive and well.

NFES 6011

R3-FS-5100-115(1/85)

FIRE WEATHER SPECIAL FORECAST REQUEST

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

(See reverse for instructions)

I - REQUESTING AGENCY WILL FURNISH:

1. NAME OF FIRE OR OTHER PROJECT

Clower Mist

2. CONTROL AGENCY

3. REQUEST MADE

TIME #

DATE

4. LOCATION (By 1/4 Sec - Sec - Twp - Range)

5. DRAINAGE NAME

14250000 1201000 10000 1000

6. EXPOSURE (NE, E, SE, etc.)

7. SIZE OF PROJECT (Acres)*

8. ELEVATION*

TOP

BOTTOM

9. FUEL TYPE

10. PROJECT ON:

☐ GROUND

☐ CROWNING

II - WEATHER CONDITIONS AT PROJECT OR FROM NEARBY STATIONS (See example on reverse)

PLACE	ELEVATION	OB TIME	WIND DIR.-VEL.	TEMP.				REMARKS (Indicate rain, thunderstorms, etc. Also wind condition and 10ths of cloud cover.)
				DRY	WET	RH	DP	

12. SEND FORECAST TO:

PLACE

VIA

ATTN: (Name, if applicable)

III - FIRE WEATHER FORECASTER WILL FURNISH:

13. FORECAST AND OUTLOOK

TIME # AND DATE: 11 Oct 88

Today -- How about another nice, fall day?
Well, that's what it's going to be.
"Sunny and mild" are the key words.
Skies will be clear, with zero chance
of precipitation

Max Temp → 65-71°F

Min RH → 18-26%

Wind Dir → W-SW

Wind Speed → 5-8 mph (eye level)

Long Range -- Slight chance of rain showers on Wed.
although nothing to get excited about,
Same for Sat. But in between, and
all through next week, CLEAR, SUNNY, MILD

NAME OF FIRE WEATHER FORECASTER

Mike Weiland

FIRE WEATHER OFFICE

Cheyenne WY

III - REQUESTING AGENCY WILL COMPLETE UPON RECEIPT OF FORECAST

IV. FORECAST RECEIVED:

TIME #

1530

DATE

10 Oct 88

NAME

Paul Summerfelt

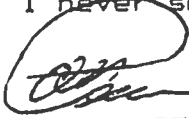
Explanation
of
symbols:

- * Use 24-hour clock to indicate time. Example: 10:15 p.m. = 2215; 10:15 a.m. = 1015.
- * For concentrations (as groups of lightning fires) specify "Concentration"; then give number of fires and size of largest. If concentrations are in more than one drainage, request special forecast for each drainage.
- † No entry necessary. To be computed by the Fire Weather Forecaster.

CLOVER MIST
SAFETY MESSAGE

10/11/88

1. Now that Demob is so close don't stop thinking about old number 1, THAT IS YOU!! Eat well, keep dry, drink plenty of liquids and don't stop taking care of the crud. The last thing you want when you get home is the Crandall Crud as your only memory of Clover Mist.
2. All loading, aircraft and line safety is still in full force and effect. Don't drop your guard, you are not out of the ring yet and you don't want to be KO'd now!
- While strolling through memory lane, old condos, hutches, etc. sites, look down, there may be money there, if not pick up any nails you see. Nails are hard on livestock, cruel to tires and raise hell with tennis shoes.
- As line duty becomes more and more an air operation keep alert to any developing or resident dangers in your work site.
- And again, Snags and Grizzlies. If you work or walk alone at any time, consider singing this refrain LOUDLY, even if off key to let the furry critters know you're there.
- In answer to Verns question, I never smoke before, during or after safety.



SAFETY OFFICER

TIME	MAJOR EVENTS
0926	920 OFF H9 → H8
0928	522 OFF 7B → H9
0930	22 @ H9, PA02
0932	22 OFF H9 → 7B
0934	920 @ H9, P3
0939	522 @ H9, P2
0936	920 OFF H9 → H8
0941	522 OFF H9 → 7B
0945	920 INTO H9, PA03
0947	920 OFF H9 → H8A
0948	522 AT H9, P2
0951	522 OFF H9 → 7B
0956	920 @ H9, P3
0959	522 OFF 7B → H9
0958	920 OFF H9 → 8A
1000	522 AT H9, P2
1002	522 OFF H9 → H7
1004	920 OFF H8 → H9
1006	920 AT H9, P3
1008	522 OFF H7 → H9
1008	920 OFF H9 → H8A
1010	522 AT H9, P2
1012	522 OFF H9 → H7
1016	920 OFF H8 → PIT
1017	522 OFF H7 → PIT 920 at Pit
1019	522 AT PIT CRANDALL INFORMED.
1034	REQUEST FOR BUCKET WORK S. OF SCHUCIE'S ROCK, S. OF HS. CONTACT COVER ON AIR TO GROUND. PIT INFORMED, 920 WILL GO.
1044	REQUEST FROM SAFETY OFFICER TO BE PICKED UP @ H7A + MOVED TO LUY LAKE. THEY HAVE HELICOPTER QUALIFIED PEOPLE WITH THEM. INFORMED PIT.
1053	42 PL OFF CRANDALL → PIT.
1057	522 OFF PIT TO 7A
1102	42 PL @ PIT TO DO SLING WORK. WILL SHUT DOWN + AWAIT LONG HANG.
1102	522 OFF 7A → LUY LAKE
1110	522 INBOUND TO PIT, WILL HOORUP BUCKET + STAND BY.
1118	522 OFF PIT, WILL PREP LANCE NORTH AROUND 7B, 014 Q.
1124	PL OFF PIT FOR SLING WORK NEAR H9, THEN H7
1135	920 WORKING W/COVER S.E. OF H5A.
1139	42 PL OFF UPPER FOLD-A-TANK TO PIT.
1143	42 PL OFF PIT → ROCK ISL. RESORT
214	ICS 5-80
9. PREPARED BY (NAME AND POSITION)	

TIME	MAJOR EVENTS
1157	CRANDALL REQUESTED SAFETY OFFICER RETURN TO CRANDALL TO MEET W/ OPERATIONS TO ASSIST W/ MEDIVAC. INFORMED S.O.
1158	REQUESTED S22 GO TO PIT BRCH 11'S BUCKET, PICK UP S.O. CRANDALL + GO TO CRANDALL.
1207	PL OFF PIT TO ROCK ISL. RES
1209	920 INBOUND PIT, FUEL
1209	S22 OFF → CRANDALL
1211	PL OFF H7 → LOWER TANK SITE
1216	42 PL OFF DIG MOOSE LK TO LOWER TANK.
1251	42 OFF PIT → PUMPKIN LK
1300	42 OFF PUMPKIN → PIT
1300	920 WILL MAKE A COUPLE OF DROPS FOR HUBST, THEN TO KOUER.
1321	RECEIVED INSTRUCTIONS FROM COMMUNICATIONS TO PULL ALL CREWS OFF THE LIAO. INFORMED 48 PL + 920 TO DROP BUCKETS + SLINGS + GEAR UP FOR CREW SHUTTLES.
1332	920 ORDERED TO H7 FOR YELLOW SACKETS. 920 IS FUELING
1333	PL OFF H8 → MOOSE LAKE.
1338	PL INBOUND FROM MOOSE TO PIT.
1400	PL @ PIT.
1400	399 EH @ H9 ...
1400	920 OFF PIT TO H7
1409	399 OFF H9 → H5
1409	920 @ H9, P4.
1411	920 OFF H9 → H7
1418	920 OFF H7 → H9
1418	9EH OFF H5 → H9
1420	920 @ H9, P4
1420	9EH @ H9, P3
1421	920 OFF H9 → H7
1421	9EH OFF → H5
1426	9EH " H5 → H9
1426	920 OFF H7 → H8A
1428	9EH @ H9, P3
1428	920 @ H9, P4
1429	9EH OFF H9 → H5
1429	920 " H9 → H8A
1433	9EH OFF H5 → H9
1433	9EH @ H9
1433	920 OFF SA
1436	9EH OFF H9 → H5
1437	920 @ H9, P4
1439	920 OFF H9 → H8A
214	ICS 3-80
9. PREPARED BY (NAME AND POSITION)	

[illegible]

173

UNIT LOG ICS-214	1. INCIDENT NAME CLOVER MIST	2. DATE PREPARED 10/11/88	3. TIME PREPARED 0712
4. UNIT NAME/DESIGNATOR Clover Mist	5. UNIT LEADER (NAME AND POSITION) Bernie Weingardt Helibase Manager	6. OPERATIONAL PERIOD 0630-2000	

7. PERSONNEL ROSTER ASSIGNED		
NAME	ICS POSITION	HOME ROLE
Cam Richey	Helibase Mgr Trainee	
Ken Stump	Takeoff/Landing Controller	
Gary Boyd	Radio Op	
Katie Stuart	Aircraft Timekeeper	
Steve Davis	H-9 Heliport Mgr.	
Paul Krisanits	H-9 Radio Op	
John Kearns	Deck Coordinator	
Diane Collins	Parking Tenders	
2012 Stevensville	Crash Rescue	
Don Beale, Gary Welch	Ground Support	
Jim Hink	Cargo Gravel Pit	
Kirby Cook + 4	Module Mgr (212) 121Z	
Clyde Whyte + 4	Module Mgr (206L) 80F	
Kristi Gow + 2	Module Mgr (1000) 42PL	
Mike Bobo + 3	Module Mgr (212) 502EH	
Rick Blanton + 3	Module Mgr (712) 920	
George Jackson + 1	Module Mgr (212) 379EH	

8. ACTIVITY LOG (CONTINUE ON REVERSE)	
TIME	MAJOR EVENTS
0630	Helibase up + operational - all ships operational but 121Z needs an inspection on hydraulic part change.
0700-0730	PreFlight checks + load calcs
0735	121Z test flight off pad 121 ↑ Pad 2
0740	121Z ↓ Pad 2
0744	MORNING Briefing + Safety managers out pilots and helibase crew
0825	R-4 lifting for Timber Cr. ↑ Pad 12 (reposition for seed bucket)
0828	R-4 ↑ Pad 12
0828	R-3 ↑ Pad 9 H. Crandall Cr.
0834	80F ↑ Pad 4 upper Reef Cr. H-71
0837	399EH prepare for crew shuttle
0840	399EH ↑ Pad 6 to 17B
0847	121Z ↑ Pad 2 to H-13
0847	920 ↑ Pad 6 to H-9
0847	399EH off Hunter for Helibase

TIME	MAJOR EVENTS	10/11/88	Crandall Helibase
0849	H-9 1/2 crews manifested		
0849	399EH ↓ Pad 0		
0850	522EH ↑ Pad 3 for H-9		
0851	399EH ↑ Pad 0 17B		
0854	R-4 2 mi west inbound		
0856	121Z 5 mi west inbound		
0858	R-3 6 mi SW inbound		
0859	R-4 ↓ Pad 12		
0859	121Z ↓ Pad 2		
0900	399EH North Crandall for Crandall		
0901	399EH ↓ Pad 0		
0901	R-3 1 mi south		
0901	121Z ↑ Pad 2		
0901	86F coming down hill - recon		
0902	R-3 ↓ Pad 9		
0902	86F 1 1/2 mi. SE		
0902	R-4 ↑ Pad 12		
0903	399EH ↑ Pad 0 H-17B		
0904	86F ↓ Pad 4		
0904	R-3 ↑ Pad 9 rt turnout		
0904	H-9. began crew shuttle 0901 (3 mi ago)		
0906	86F ↑ Pad 4		
0911	399EH off Hender for Crandall		
0912	121Z inbound behind 399EH		
0913	399EH ↓ Pad 0 + shutdown		
0914	121Z 1 mi N inbound		
0915	86F 2 mi SE, 121Z in visual		
0915	121Z ↓ Pad 2		
0915	86F backhauling empty Fedexes		
0917	86F dropping sling 1st		
0918	86F ↓ Pad 4		
0919	121Z ↑ Pad 2		
0920	86F ↑ Pad 4 crew shuttle H-71		
0927	86F 1 1/2 mi SE inbound		
0928	R-4 6 mi inbound		
0929	86F ↓ Pad 4 crew shuttle		
0931	86F ↑ Pad 4		
0931	R-4 ↓ Pad 12		
214	ICS 3-80	3. PREPARED BY (NAME AND POSITION)	

TIME	MAJOR EVENTS	10/11/88 Crandall Helibase
0935	R-3 ↓ Pad 9	
0936	R-4 ↑ Pad 12	
0936	1212 5 mi w inband Crandall	
0937	Wapiti would like a worm flt at 1330 relay rd to 399 FH module	
0939	1212 ↓ Pad 2 shutdown	
0942	86F 1 1/2 mi SE inband	
0945	86F ↓ Pad 4	
0948	86F ↑ Pad 4 IA #2 to H-71	
0957	86F 1 1/2 mi inband	
0959	86F ↓ Pad 4 + shutdown	
1001	R-4 10 mi WE inband	
1004	R-3 5 mi inband	
1006	R-4 ↓ Pad 12	
1008	R-3 ↓ Pad 9 shutdown for fuel	
1022	H-9 update finished crew shuttle + awaiting bucket work	
1023	R-3 ↑ Pad 9 N Crandall Cr.	
1030	86F - 20 Fedcos to H-71 left turn out to windy mtn	
1039	IA #1 7 more Fedcos slung ld to IA crew - relayed module	
1039	86F 1 1/2 SE to PA another slung ld	
1040	H-9 will 42 PL run docking H-9, H-9 ready	
1042	R-4 lift off for Timber Cr. ↑ Pad 12	
1042	86F PA slung load to H-71	
1048	Another load ready to PA R H-71	
1049	86F hoisting another Pad 4 off to N to H-71	
1050	IA #1 - 86F will be bringing Fedcos - 166.675 Ch B	
1051	Hv Ann wants bucket work in Div II Hv Ann, Ch. 5 east of H-17A	
1051	R-3 5 mi west inband	
1054	R-3 ↓ Pad 9	
1055	42 PL ↑ Pad 1 to H-9 for back hauling sling load ops	
1	Helitack crew is there at H-9 fuel truck will follow relayed to H-9	
1056	86F 1 1/2 mi SE inband	
1056	R-3 ↑ Pad 9	
1057	86F ↓ Pad 4	
1058	Ops checking if stayed would IA #1 have own transportation? PA at 1800	
1059	Helitack w/ 399 FH module, remaining 3 need transport to today	
1101	Grand pit contact 42 PL picks up sling line - send long line by George.	
1102	C65Y 119.125 - over Table Mtn 12000 long final east of K-E	
1	+ land back strip	
214	ICS 5-80	2. PREPARED BY (NAME AND POSITION)

TIME	MAJOR EVENTS	10/11/88 Crandall Helibase
1104	1212 ready for dept.	
1104	65x over clocks Pk. (fixed wing)	
1106	65x out at 7000' 1 1/2 mi E on final for E-W strip	
1107	65x 1/4 mi landing	
1107	1212 ↑ Pad 2 bucket work D4 H, contact Hutton, E of 17A	
1108	65x taxiing into tie-down	
1109	R-4 Comi inbound	
1109	1212 off pad for Hunter Pk	
1113	R-4 ↓ Pad 12	
1117	R-4 ↑ Pad 12	
1120	Seale Cr. setting up blinding to - h - 1 hr before ready (relayed to 1212)	
* 1125	cold Med Unit - called to come to Crandall Helibase - medivac carrying W. of Hunter Pk. - down, unconscious, bleeding from mouth but w/ a heart beat. 1212 will come to Crandall & pick up medical & go to H-17 ^{area} - not a landing spot but HQ Hunter	
1126	1212 ↓ Pad 2	(1212 doing bucket work & was contacted for medivac by junks in area, 1212 contacted Helibase for info)
1127	Call to Plans / medivac dept	
1128	location W. of Hunter Pk, not helispot, but clearing - taking stakes 1.1 hr over to 1212	
1129	R-3 ↑ Pad 9	
1130	1212 ↑ Pad 2 w/ helitack + medical personnel	
1132	1212 inbound to landing site	
1133	Cody dispatch inbound ^{17 mi} - Linda - medivac emergency - Linda will call hospital at Crandall	
1134	1212 is picking up medivac victims relayed	
1134	1212 ↓ landing at medivac spot - who's on board aircraft: Kirby Cook, Oordya Nelson, Tolan Grogan + medivac personnel (2)	
1139	H-9 contact safety + if needed a ride back the kids know	
1139	Mike in communication - wants this to be handled in command frequency, why isn't this being handled in command (3x ?)	
1141	H-9 - medivac on ch. 5 currently (working unit frequency of D4 H)	
1144	Vinyard - need another 300 gal bladder bags - keep Crandall	
1145	399EH fueling for possible stallby ship for medivac capability	
1146	R-4 inbound 1 mile	
1148	R-4 ↓ Pad 12	
1152	1212 - Hutton would like Paul / Burns to take over - would like to go down w/ brother going to Billings.	
1154	R-4 ↑ Pad 12	
1154	to Cody dispatch - victim to Billings, will let know when liftoff	
214	ICS 3-80	3. PREPARED BY (NAME AND POSITION)

TIME	MAJOR EVENTS	10/11/88 Crandall Helibase
1156	to H-9 safety officer in way over? safety has been alerted	
1	Safety officer will need a ride to Crandall.	
1158	from Wayne @ medical Unit - ^(wayne) let know when taking victim	
1	155.280 MS frequency wayne will call Billings for us.	
1159	R-4 repositioning	
1200	Gang contacted ^{plans} - Victim's name is Ed Huthm off Bighorn Basin	
1200	R-3 5 mile SW inbound	
1200	Plover Communications contacted Billings - will let know	
1	of medical + 1212 can land at hospital pod. I needed to	
	know extent of injury ASAP	
1202	1212 will flt. follow w/ us on windy thru ch. 4 until	
1	Billings approach is contacted. Will not ^{land} hospital pod (under recon)	
1203	R-3 ↓ Pod 9 refueling	will land at airport after all.
1204	to H-9 - advise safety off: Robinson + safety will go to site	
1	from Crandall. 522 will pu safety + fly to Crandall	
1	+ both will take 86F to accident scene.	
1210	1212 left 1. helitack in mountain. ^(crandall) 1212 will go to Cody W.P.K. Ht.	
1	give W. Fork Freq. need update on condition ASAP. 4 of plans	
1211	called medical / Wayne - informed of A of plans 1212	
1	will be going to Cody, instead of Billings. Wayne will call Cody Hosp.	
1212	522 5 min out w/ Safety officer Inbound Crandall	
1	Chris @ Cody 30 min ETA Cody Hospital	
1216	Robinson - has Bighorn Basin crew return to helispot + Rob.	
1	will meet them.	
1216	522 EH ↓ Pod 5 w/ Safety off.	
1219	86F will pu Carolyn (helitack) at site in a few minutes - Ch. 5	
1221	Wayne called hospital + is monitoring 1212 + hospital	
1	frequency.	
1223	(Disp 1212 - ^{call} Crandall) 1212 is landing at Cody + will call	
1	Crandall 10-15 min.	
1224	called Cody - per Gang - Crandall copies above message.	
1229	Gang called Peter at medical - make sure someone calls	
1	Billings to let them know medical to Cody instead of Billings.	
1230	H-9 - 522 will be on standby here until further notice.	
1231	166 - 10 mi East by Hurricane mesa heading to Gardner	
1	166 will be 9000' and above	
1232	R-4 ↑ Pod 12	
1233	call Wapiti - wait me into - will hold 399EH until further notice for	
214	ICS	2. PREPARED BY (NAME AND POSITION)
	3-80	

TIME	MAJOR EVENTS	10/11/88 Orrendall Helibase
1233	R-3 ↑ Pod 9	
1233	R-4 ↓ Pod 12	
1237	86F ↑ Pod 4 NW turnout to W - Hunter Pk.	
1239	R-4 ↑ Pod 12	
1243	R-4 inbound	
1245	R-4 ↓ Pod 12	
1248	399EH ↑ Pod 4 rt turn to East to Ukiah RD (30 min ETA)	
1248	Kirby arrived at West Pk. Snag injury to Dan Hutton.	
1252	Gary called Ukiah. 399EH enroute 30 min ETA Im 1248	
1253	Gary W. at Lund/boise	
1256	86F ↓ landing at spot 5 of H-17	
1258	per Ops - 2 crews out now 17B 1st evac site, Contact Vinyard/Boise	
1301	Pod 17B need tape also when per crews for hand tools	
1302	R-3 5 mi SW inbound	
1304	399EH in Contact w/ Cody dispatch for flt following (Holding to Cody)	
1305	Vinyard wants only instructions from Ops	
1306	R-3 ↓ Pod 9	
1307	will use 522EH for crew shuttle and unload pod 4 - protect	
1308	R-3 ↑ Pod 9	
1308	Brd Svpt will send over bus to per crews - coach / also it needs	
	lence + 1/2 for backhaul of equip supplies	
1314	522 PU + make it to SW take off ↑ Pod 5 for H-17B	
1315	86F inbound - send medical unit over for indic. on 1st ship	
	transport when needs attention	
1318	change 522EH to land Pod 1	
1321	H-9 commance off to pull crews off w/ 42PL + 926	
1323	per 11. will begin to pull crews off line activities	
1324	Vinyard - crew be ready 15-20 min. at H-13	
1329	86F ↓ ↑ Pod 4 unloading + back to Hunter Pk. for crew shuttle H-17B	
1326	H-9 crew shuttle slow + easy + safe operation	
1328	Wagye will be sending medical personnel over now	
1328	522EH inbound off Hunter Pk. Pod 1	
1331	522EH ↓ Pod 1	
1332	522EH ↑ Pod 1 5 take off to SW Pod 1	
1334	R-3 inbound circle + land to SW	
1334	Rehab base - Deck will send some one to inform of D of landing pattern	
	landing to the SW	
1338	R-3 ↓ Pod 9	

TIME	MAJOR EVENTS	10/11/88 Crandall Helibase
1340	R-3 ↑ Pad 9	
1340	1212 - inbound Crandall Indian Summit 10 min out	
1342	522 EH inbound Crandall approach to SW	
1344	399 EH for Pad 5	
1345	399 EH ↓ Pad 5	for Wapiti - will go to H-9 to help w/ crew shuttle
1345	H-9 - 599 EH will help w/ crew shuttle w/ H-9	
1345	522 EH 1/4 mi out	
1345	522 EH ↓ Pad 1 crew shuttle	
1349	522 EH ↑ Pad 1 crew shuttle	
1350	1212 ↓ Pad 2	
1350	86 F 2 mi out inbound	
1352	86 F ↓ Pad 4 crew shuttle	
1354	R-4 ↑ Pad 12	
1354	399 EH ↑ Pad 5 for H-9	
1355	Div P - 1A#1 are to be off line	
1356	522 EH inbound for loading	
1400	522 EH ↓ Pad 1	
1403	522 EH ↑ Pad 1	
1404	2 security personnel ordered at H-9 for security	
1404	522 EH to H-13 for pickup of Vhyard's crew	
1406	86 F ↑ Pad 4 for H-9 will support for crew	
1406	DNP - personnel will be at helibase in 1 hour	
1407	R-3 5 mi southwest	
1410	R-3 ↓ Pad 9 shutdown	
1410	1A#1 informed to evacuate by DNP	
1414	H-9 42 PL shutdown	
1414	86 F 2 mi - landing Crandall	
1416	86 F ↓ Pad 6 w/ crew in H-71	
1417	R-4 inbound 6 miles message to shut down ops until crew shuttle frills	
1419	ordered coach again from ground sept for crew shuttle to leave	
1421	checked w/ ground support of crew veh at H-9	
1421	522 inbound	
1421	522 ↓ Pad 1 crew shuttle in H-13	
1423	522 ↑ Pad 1 H-13	
1424	R-4 ↓ Pad 12 reposition + shutdown ops for awhile	
1426	R-3 will lift off for cody - will follow w/ cody Dispatch	
1432	H-9 routine crew shuttle ops	
1432	522 EH inbound - fuel to be on ent H-13	
1433	1A#1 ready for pu - total wt. 975 lbs.	
1433	86 F inbound H-71	
214	ICS 3-80	2. PREPARED BY (NAME AND POSITION)

#8

TIME	MAJOR EVENTS	10/11/88	Crandall Helibase
1434	R-3 dept to S left turn to East to Cody		
1435	86F ↓ Pad 0		
1435	R-3 ↑ Pad 9 for Cody		
1436	522EH ↓ Pad 1 crew shuttle H-13		
1437	86F ↑ Pad 0 for H-71		
1437	522EH ↑ Pad 1 crew shuttle H-13		
1440	H-9 1/3 completed crew shuttle		
1443	H-9 @ 1500 do a status check & each aircrafts time left.		
1443	522EH ↓ H-13 for Crandall (min need fuel (last load))		
1449	86F 1 mi SE landing		
1450	86F ↓ Pad 0 crew shuttle H-71		
1451	522 ↓ Pad 1 + shutdown for fuel		
1452	86F ↑ Pad 0 to H-71		
1456	deck pad 4 for last load, on 86F		
1459	Keep 399EH at H-9 for time being		
1500	H-9 status 920 1.2 hrs 1500, PL 1.8 hrs 399EH 2.6 HRS		
1	2 more trips of course pit done w/ shuttle		
1500	86F inbound for Pad 0		
1502	86F ↓ Pad 0 H-71 crew shuttle		
1504	86F ↑ Pad 0 to SE		
1507	to 86F - need to be @ Cody ^{to PM} 3 persons return - will be there after pick up, refuel & take off / relayed to 86F module		
1511	to H-9 return 42PL w/ return mission at Crandall 1-1 1/2 hr confirmed		
1511	86F inbound to Crandall		
1513	86F ↓ Pad 4		
1515	H-9 920 inbound last load + 399EH will remain		
1516	Gravel: 42PL return w/ bucket / have someone available to unhook bucket.		
1516	H-9 to Gravel - have 42PL leave bucket there and use it ASAP		
1525	86F 2.8 hrs to go for duty		
1531	PL dept pit inbound for committee w/ Ruler		
1537	42PL - is ops ready - yes		
1537	42PL 2 minent inbound for Crandall for Gravel Pit for Pad 0		
1538	42PL ↓ Pad 0 w/ bucket		
1541	42PL dept to gravel in Crandall Co.		
1542	86F ↑ Pad 4 to Cody to PM 3		
1550	86F checking in w/ code ship		
1550	all ships coming in per Bob DeHman & also 1C 1C Crandall		

TIME	MAJOR EVENTS 10/11/88 Crandall Helibase
1551	1st ship (212) on 3 2nd on Pad 6
1553	UH-1A for west end of Hoodoo headed for DN N
1556	H-9: 399EH dep't H-9; 920 dep't shortly
1559	399EH 5 mi NW inbound Pad 3
1601	H-9 w/ru Safety Officer on vehicle H-9 bring his reb. over to H-9 to hand over
1602	399EH ↓ Pad 3
1602	399EH have suff fuel to do recon at Wapiti?
1603	42PL - S. side of Windy mtn - @ 9000' Red Creek
1604	H-9: 522EH released at 10:19 this am
1606	42PL on Buffalo mtn / Strawberry Ridge + turning back
1608	920 inbound for NW landing Pad 6
1611	B. DeHman - IC on his way
1611	920 1 mi NW for landing Pad 6
1612	920 ↓ Pad 6 and shutdown
1613	42 PL - Hwy 3 mi back from camp along fire perimeter
1615	42 PL up Potter Cr + Squaw Cr. continuing recon
1619	Communication - call Wapiti
1620	Camp called Wapiti - all ships on ground per IC until further notice
1624	42PL Squaw Cr. head for dip pond then along Hwy back to Crandall
1624	release ship for Wapiti recon
1626	debriefing for schaft H-9 within 15 min. for
1629	42 PL 1 1/2 mi over trailer court inbound for Pad 4
1630	42 PL ↓ Pad 4 from recon mission
1631	42 PL ↑ Pad 4 reposition to ↓ Pad 0
1640	522EH preparing for Wapiti mission
1640	from Kathy/Cody - 86F dep. Cody. ETA Crandall is 1700.
1641	to Wapiti - Randy. 522EH is lifting off - for recon @ Wapiti RD
1642	Heli 166 - enroute to South basin & Cody overhead
1642	from Wapiti - recon man has left + not sure will do mission
1	OK - will do mission - recon on down.
1643	522EH ↑ Pad 1 for Wapiti RD - recon mission
1646	IC debriefing of incident
1649	86F at Dead Indian + inbound in 10 min out
1653	run over from in wgm w/ Gary
1654	86F just over Dead Indian Pass - to Crandall in 5 min.
1658	86F 4 miles to east inbound
1700	86F straight approach
1702	86F ↓ Pad 4 call Cody from

#10.

[illegible]

CLAY BUTTE

197

Form 9120-1
(December 1964)
(formerly 4-1489)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RADIO STATION LOG

TIME (0001-2400)	STATION CALLED OR CALLING	CODE		Location	Radio Call Sign	OPERATOR INITIAL
		RD - Radio Telephone LL - Landline Telephone VB - Verbal Message MS - Messenger Service	Transmitting Freq: (circle) F1, F2, F3, F4			
1045	Safety off > cm			Clower-mist		10/11/88
1046	H-9 < cm					
1314	Safety off > cm					
1315	I.C. < cm					
1315	Helibase > cm					
1328	Dennis > cm					
1330	Dennis > cm					
1355	Safety Officer					MEL
1356	Plans					
1357	Safety Officer					
1402	H-9					
1403	Security					
1419	Dennis > cm					
1450	Dennis > cm					
1451	Benger < cm					

INFORMATION

Please relay to H-9 that we need to be picked up at H-7A + taken to

by lake. Helitak qualified personnel are available

H-9 copied transmission

Have I.C. meet incoming crew (I.C. copied)

"Needs to call Cody Dispatch immediately"

Need transportation for injured party coming in on helicopter (passed on to Ground Support)

Have Ground Support move vehicles to DP 14A Pike + Colorado crews

Add the Gunnison crew at DP 18 to order

What is IC's ETA to helibase

↑ / he left about 1/2 hr ago

No Contact

Need two security people to go to H-9

↑

Are we to bring crews back into camp? "Affirmative"

Would like to know status of crew shuttles - should crews at DP-14 stay put?

Have crews sit tight - ones from DP-14 come in to Helibase

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RADIO STATION LOG

[illegible]

- Telephone

Form 9120-1
December 1964)
(formerly 4-1449)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RADIO STATION LOG

TIME (0001-2400)	STATION CALLED OR CALLING	CODE	Location		Radio Call Sign	OPERATOR INITIAL
			RD - Radio Telephone LL - Landline Telephone VB - Verbal Message MS - Messenger Service	Transmitting Freqs: (circle) F1, F2, F3, F4		
				Chover Mist		
					Date	
					10/11	
			INFORMATION			
0410	Mark Helmy		Cody / Al Pearson - Request # 1121 - contact wife			
540	Facilities		Also tent F-3			
0815	Cody Dispatch		Have Jim Krugman call 527-6464			
0830	Pet Mulaney		Kathy Cahill needs to call @ the Montana State office 657-6991 to turn in over time (She is now at Eagle 587-3988 - Passed on @ 8:45)			
0838	Comp & Claims		Page Rory Vigal			
0915	Highway Dept		Returning Steve McWilliams Call - He needs to call back at 9:00			
0930	Chris Parton's of Wapiti HB		Would like 399 EH for Recon Flight @ 1330 (2040 to 2100 @ 935)			
1100	Pet - Supply		See Mike they have vacuum in requested			
1110	Land-City fire		Have J.C. Krugman call ASAP. J.T. messenger.			
1215	Wayne Medical		Report in medical station. Have contacted Cody Hospital for medical (Have Eganston)			
1315	Cody Dispatch		Have Jim Krugman call inmed. Message - Jan @ 1315.			
1330	J		Notified Medical Unit inquired party incoming they are waiting.			
1530	EDNA REPORT		Walter Damschke to call her at 754-2407. Done			

Phone Log

Form 9120-1
(December 1964)
(formerly 4-1449)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RADIO STATION LOG

TIME (0001-2400)	STATION CALLED OR CALLING	INFORMATION	LOCATION		Radio Call Sign
			RD - Radio Telephone LL - Landline Telephone VB - Verbal Message MS - Messenger Service	Transmitting Freqs: (circle) F1, F2, F3, F4.	
1615	Wappetta	Need Heli base to call 587-2957. Message relayed			
1800	Harry Williams	Wants Mike to call w/ noon pickup Communication. Be at New Farmington, yd.			10/11/88
1805	Dan Reed	Have Steve McWilliams call. Don't know 527-6549			
1806	Amelia Ruben	Find out from donk what time, ETA of Leon Ruben. Here on KYLE - 2 crew. Call him from land @ 1-605-455-2540			KK
1845	J.G. Stamm Co. Steve Barker	Wanted to talk to Radio man. Done responded			KK
1851	Med. > cm	Page Mike Hessler to Mled.			CT
1930	K. Shuttan	Need to notify Linda Wagner (if in contact) of Ed Shuttan's leave name & address. It is: H.E. HUTTON, 81 Quince, NY 82601			
		Senior under Mike Shuttan Marshall, 5'3" wearing turquoise shirt & tie			
		Dane will try to find her.			KK
1935	Margo Stamm Co.	Wants to talk to D.Hop. Refers to Lamm			

Windy Mtno

1 01 L

Form 9120-1
(December 1964)
(formerly 4-1449)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RADIO STATION LOG

TIME (0001-2400)	STATION CALLED OR CALLING	CODE		LOCATION	Radio Call Sign
		RD - Radiotelephone LL - Landline Telephone VB - Verbal Message MS - Messenger Service	Transmitting Freqs: (circle) F1, F2, F3, F4		
0943	Duncan Branch			Clower-mist	
0954	Helibase 4-Com				
1110	Clower/Helibase				
1114	Helibase/Clower				
1136	OVER HEAD Medicare - Ch 5				
1138	to Medical				
1140	to Helped				
1154	Overhead 121 → Helibase				
1156	to Billings				
1159	to Crandall Helibase				
1200	Billings				

INFORMATION	OPERATOR INITIAL
Negative Contact	LT
"Message for Duncan Brown: (all Delores & Patricia @ Lady Rehab"	
Message to Lourie (situation unit leader) recon DB	
available in 15 min otherwise pretty tight	
Advised Helibase that Lourie is not available "Copy" DB	
Medicare in progress	
Asked info on Medicare/Ambulance went to helped - no other info	
What's going on? 3 EMT's went up in 121 Z, will try	
to find spot to land	
Notified patient going to Billings	
15 helicopter under 9000 16 - yes - No info on extent	
of injury	
Helicopter will have to land at Airport - need info on	
Nature of injury + ETA. if	

*

✓

2042

Form 9120-1
(December 1964)
(formerly 4-1449)

Location	Radio Call Sign
Transmitting Freqs: (circle) F1. F2. F3. F4.	Date 10/11/88

TIME (0001- 2400)	STATION CALLED OR CALLING	INFORMATION	OPERATOR INITIAL
1214	from Wayne Medical	Helibase called him - helicopter has lifted off from site It is headed to Cody - not Billings - Wayne called Cody + notified them of situation	
1215	to Billings	I let them know that helicopter not going to Billings	CT
1617	Helibase > com	Two crews now returning to camp need to be held - They weren't supposed to leave the HB (Passed on to security)	
1618	Helibase > com	Disregard - The IC has already talked to the crews (security notified)	