

CONSTANTIA COMPLEX

WEDNESDAY, JULY 28, 2010
0600-2000

PDFM15
(1502)

GPS: NAD 83
FORMAT : DD MM. MM

<p style="text-align: center;">Incident Objectives</p>	<p>1. Incident Name CONSTANTIA COMPLEX</p>	<p>2. Date Prepared 07/27/10</p>	<p>3. Time Prepared 0828</p>															
<p>4. Operational Period 07/28/10 Wednesday DAY Shift 0600 - 2000</p>																		
<p>5. General Control Objectives for the incident (include alternatives)</p> <ol style="list-style-type: none"> 1. Maintain firefighter and public safety at all times. 2. Protect private ranches and other private property. 3. Minimize suppression impact to remaining sagebrush stands and wildlife habitat, spec. sage grouse & mule deer. 4. Protect distribution power lines that serve local communities and ranches 5. Minimize suppression impacts to known cultural sites. 6. Manage incident in most cost effective manner, and maintain fiscal integrity. 7. Minimize acres burned on State Responsibility Area lands, mitigating threats to infrastructure, residential properties and commercial properties. 																		
<p>6. Weather Forecast for Period See Attacheed Forecast.</p>																		
<p>7. General Safety Message See Attached Safety Message</p>																		
<p>8. Attachments (mark if attached)</p>																		
<table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Incident Map</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input checked="" type="checkbox"/> Safety Message</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS205</td> <td><input type="checkbox"/> Traffic Plan</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input checked="" type="checkbox"/> Fire Behavior</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Air Operations Summary - ICS 220</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>				<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Incident Map	<input type="checkbox"/>	<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Safety Message	<input type="checkbox"/>	<input checked="" type="checkbox"/> Communications Plan - ICS205	<input type="checkbox"/> Traffic Plan	<input type="checkbox"/>	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Fire Behavior	<input type="checkbox"/>	<input checked="" type="checkbox"/> Air Operations Summary - ICS 220	<input type="checkbox"/>	<input type="checkbox"/>
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<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Fire Behavior	<input type="checkbox"/>																
<input checked="" type="checkbox"/> Air Operations Summary - ICS 220	<input type="checkbox"/>	<input type="checkbox"/>																
<p>9. Prepared by (Planning Section Chief) Evan Boshell</p>		<p>10. Approved by (Incident Commander) John Kidd</p>																

ORGANIZATION ASSIGNMENT LIST		
1. Incident Name CONSTANTIA FIRE		
2. Date Prepared July 28, 2010	3. Time 2000	
4. Operational Period DAY SHIFT JULY 28, 2010 0600-2000		
Position	Name	
5. Incident Commander		
Incident Commander	John Kidd	
Deputy Incident Commander	Tom Suwyn	
Incident Commander (T)	Tracy Dunford	
Safety Officers	Ken Moore/Buz VanSike Steve Davis/Kraig Carroll	
Information Officer	Dick Birger/ Kirsten Cannon Robyn Broyles (T)	
6. Agency Representative		
Agency	Name	
BLM Agency Administrator	Chris McAlear	
BLM Agency Rep.	Ken Smihula	
FS Agency Administrator	Laurence Crabtree	
FS Agency Rep	Mike Donald/Deb Bumpus	
Cal. State Agency Rep.	Joe Waterman	
Resource Advisor - FS	Mike Friend	
Resource Advisor - BLM	Wade Salverson	
Resource Advisors		
7. Planning Section		
Chief	Evan Boshell	
Resources Unit	Clark Tucker	
Documentation Unit	Clark Tucker	
Demob Unit	Keri Vest/	
Situation Unit	Renee Flanagan/Lou Ballard Linda Chapell(T)	
FBAN	Myron Hotinger	
IMET	Dennis Gettman	
GIS Specialist	Sarah Peterson	
Training Specialist	Lynn Cook	
Computer Specialist	Heidi Little	
Status/Check-in	Cherie Ausgotharp	
8. Logistics Section		
Chief	Brent Crosland	
Supply Unit	Larry Garahana	
Facilities Unit	Duane Stewart	
Ground Support Unit	Varian Allen	
Communications Unit	Steve Robertson	
Medical Unit	Deb Lopez	
Security Unit	Randy Davis	
Food Unit	Shannon Swann	
9. Operations Section		
Operations Chief	Colt Mortenson Tracy Swenson	
OSC2 (T)	Dave Koch Brook Chadwick	
Planning Operations		
a. Branch I		
Branch Director		
Division/Group	A	Brian Keating Matt Filbert (T)
Division/Group	B	Gary Sexton
Division/Group	W	Jason Kirks Ken Wright(T)
Division/Group	U	Chris Delaney Isacson (T)
Division/Group	IA	D. Gustufson
Division/Group	REHAB	Arrentrout
b. Branch II		
Branch Director		
Division/Group		
Division/Group		
c. Division/Groups		
Branch Director		
Division/Group		
Division/Group		
d. Air Operations Branch		
Air Operations Branch Director	Alex Stone	
Air Tactical Group Supervisor	Mike Melton Larry Zajanc	
Air Support Group Supervisor	Cameron Dingman	
Air Support Group Supervisor(T)	Pete Goetzinger	
Helibase Manager	Mark Wisner	
Helicopter Coordinator		
10. Finance Section		
Chief	Mike Taylor	
Chief	Glen Beagle (T)	
Time Unit	Stacy Heaps	
Cost Unit	Wendy Soper	
Compensation/Claims Unit		
Procurement Unit Leader		
Prepared by Resource Unit Leader Clark Tucker		

Division Assignment List		1. Branch		2. Division/Group Div. A			
3. Incident Name CONSTANTIA COMPLEX		4. Operational Period 07/28/10 Wednesday DAY Shift 0600 - 2000					
5. Operations Personnel							
Operations Chief	COLT MORTENSON	Division/Group Supervisor	BRIAN KEATING				
Operations Chief	TRACY SWENSON	Air Attack Supervisor	MIKE MELTON				
Branch Director		Safety Officer	BUZ VANSKIKE				
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time		
DIVS(T)	MATT FILBERT	1	N	FIRE/0700	ICP/2000		
TFLD	LINDA M FERGUSON	1	N	FIRE/0700	ICP/2000		
TFLD(T)	STACI L DICKSON	1	N	FIRE/0700	ICP/2000		
EMTI	LINDA WOOLOVER	1	N	FIRE/0700	ICP/2000		
ENG - T6 - ALPINE WILDFIRE	MIKE HAMBRICK	3	N	FIRE/0700	ICP/2000		
ENG - T3 -MNF 32	RICHARD MILTON	5	N	FIRE/0700	ICP/2000		
ENG - T6 - BLAZE RUNNERS 9	RYAN FLORES	3	N	FIRE/0700	ICP/2000		
ENG - T6 - BLAZE RUNNERS 19	CHARLIE YOUNG	3	N	FIRE/0700	ICP/2000		
ENG LNF E84 T3	PETE ENGLISH	5	N	FIRE/0700	ICP/2000		
ENG 3231 T3	AUDIE NONEO	4	N	FIRE/0700	ICP/2000		
WT - T2 - NWS - 5111	TOM SOUCEK	2	N	FIRE/0700	ICP/2000		
7. Control Operations							
PATROLLING, MOPUP 500 FT. INSIDE PERIMETER.							
8. Special Instructions							
IN EMERGENCY REFER TO MEDICAL PLAN (ICS-206).							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	167.100	169.750	146.2	NIFC	8		
Tactical Div/Group	168.050	168.050		NIFC	1		
Logistics	168.350	168.350		NIFC	13		
Air to Ground	166.825	166.825		NIFC	10		
Prepared by (Resource Unit Leader) CLARK TUCKER		Approved by (Planning Section Chief) EVAN BOSHELL			Date Prepared 07/27/10		Time Prepared 0829

Division Assignment List		1. Branch		2. Division/Group Div. W			
3. Incident Name CONSTANTIA COMPLEX		4. Operational Period 07/28/10 Wednesday DAY Shift 0600 - 2000					
5. Operations Personnel							
Operations Chief	COLT MORTENSON	Division/Group Supervisor		JASON KIRKS			
Operations Chief	TRACY SWENSON	Air Attack Supervisor		MIKE MELTON			
Branch Director		Safety Officer		KRAIG CARROLL			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time		
DIVS(T)	KEN WRIGHT	1	N	FIRE/0700	SPIKE/2000		
TFLD	SPENCER GREGORY	1	N	FIRE/0700	SPIKE/2000		
STCR	HARDING	1	N	FIRE/0700	SPIKE/2000		
TFLD(T)	SEAN BASSO	1	N	FIRE/0700	SPIKE/2000		
EMTP	ANDY ISENBERG	1	N	FIRE/0700	SPIKE/2000		
EMTB	BAILEY DUTTON	1	N	FIRE/0700	SPIKE/2000		
HC1 - SILVER STATE IHC	KEVIN KELLY	21	N	FIRE/0700	SPIKE/2000		
CRW HC1 DIAMOND MTN. IHC	DAN VARNEY	20	N	FIRE/0700	SPIKE/2000		
CRW HC1 ARROWHEAD	JOHN GOSS	21	N	FIRE/0700	SPIKE/2000		
HC1 BONNEVILLE IHC	KIRBY	20	N	FIRE/0700	SPIKE/2000		
CRW PNF BECKWORTH #1 T2IA	JOHN NICKY	18	N	FIRE/0700	SPIKE/2000		
7. Control Operations							
MOPUP 500 FT. INSIDE PERIMETER.							
8. Special Instructions							
SPIKE PLANS NEED TO BE RELAYED TO LOGISTICS BY 1300 HRS. IN EMERGENCY REFER TO MEDICAL PLAN (ICS-206).							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	167.100	169.750	146.2	NIFC	8		
Tactical Div/Group	168.600	168.600		NIFC	3		
Logistics	168.350	168.350		NIFC	13		
Air to Ground	166.825	166.825		NIFC	10		
Prepared by (Resource Unit Leader)		Approved by (Planning Section Chief)		Date Prepared		Time Prepared	
CLARK TUCKER		EVAN BOSHELL		07/27/10		0841	

Division Assignment List		1. Branch		2. Division/Group Div. U			
3. Incident Name CONSTANTIA COMPLEX		4. Operational Period 07/28/10 Wednesday DAY Shift 0600 - 2000					
5. Operations Personnel							
Operations Chief	COLT MORTENSON	Division/Group Supervisor		CHRIS DELANEY			
Operations Chief	TRACY SWENSON	Air Attack Supervisor		MIKE MELTON			
Branch Director		Safety Officer		STEVEN DAVIS			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time		
DIVS(T)	ISAACSON	1	N	FIRE/0700	SPIKE/2000		
EMTP	NOVAKITCH	1	N	FIRE/0700	SPIKE/2000		
EMTP	STOWE	1	N	FIRE/0700	SPIKE/2000		
CRW HC1 BEAR DIVIDE	ALARID	20	N	FIRE/0700	SPIKE/2000		
CRW SO. NEV. REG T2	MOORE	20	N	FIRE/0700	SPIKE/2000		
CRW .E. SIERRA #4 T2IA	M. FRIEND	20	N	FIRE/0700	SPIKE/2000		
CREW - T2 - WNA - 2	GRAYFIELD	20	N	FIRE/0700	SPIKE/2000		
ENG - T4 - WOOD'S FIRE	ROCK WOOD	3	N	FIRE/0700	ICP/2000		
7. Control Operations							
MOPUP 500 FT. INSIDE PERIMETER							
8. Special Instructions							
COORDINATE BUCKET WORK THROUGH AIR ATTACK. SPIKE PLANS NEED TO BE RELAYED TO LOGISTICS BY 1300 HRS. IN EMERGENCY REFER TO MEDICAL PLAN (ICS-206).							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	167.100	169.750	146.2	NIFC	8		
Tactical Div/Group	164.1375	164.1375		NIFC	4		
Logistics	168.350	168.350		NIFC	13		
Air to Ground	166.825	166.825		NIFC	10		
Prepared by (Resource Unit Leader) CLARK TUCKER		Approved by (Planning Section Chief)			Date Prepared 07/27/10	Time Prepared 0844	

AIR OPERATIONS SUMMARY		Incident Name/Operational Period: Constantia Fire 7-28-2010		Copies to:		Aviation Bases: Stead Air Attack Base Stead Helibase			
4. Personnel and Communications	Name	Air/Air Frequency	Air/Ground Frequency	5. Remarks (Spec. Instructions, Safety Notes, Hazards, Priorities)					
Air Operations Branch Director Alex Stone	505-362-7020	118.225 Fixed Wing/TFR	166.8250 Primary	<p>All orders for aircraft tactical missions should be ordered through Air Attack or communications to helibase/fixed wing base.</p> <p>IC or Operations must approve all non-tactical missions prior to scheduling.</p> <p>Keep clear of all drop zones.</p> <p>All orders for supplies need to go through Communications/ Supply and orders delivered to helibase.</p> <p>Keep communications short and to the point, use your signal mirrors to guide in aircraft.</p> <p>Medical emergencies need to go through Divisions to Communications/Medical Unit.</p> <p>When calling Air Attack, call sign is Constantia Air Attack.</p> <p>Be careful of winds on the lee sides of ridges. Ensure specific aircraft wind limitations are not exceeded.</p> <p>Watch for POWERLINES in the fire area.</p> <p>Ensure FTA limits are followed</p> <p>Camp briefing @0600, Pilots on and preflight @0700, Aviation Briefing @0730 at the helibase. All Helibase personnel and pilots need to attend the Aviation Briefing.</p> <p>All Aircraft need to ensure GPS Units are set to <u>NAD 83</u> and <u>DD MM SS</u></p>					
Air Support Group Supervisor Cameron Dingman	801-550-9857	120.525 Rotor Wing	166.9625 Secondary						
Helibase Manager T1 Mark Wisner	208-833-6026		163.100 Deck						
Helibase Manager T2 (T) Caleb Schrieber									
Air Tactical Group Sup Mike Melton	435-590-4712								
Air Tactical Group Sup Larry Zajanc	208-313-7860								
Air Tactical Group Sup (T) Pete Goetzinger	435-691-7271								
6. Location/Function	7. Assignment	8. Fixed Wing		9. Helicopters		10. Time		11. Aircraft Assigned	12. Operating Base
		No.	Type	No.	Type	Available	Commence		
Air Tactical	All Divisions	2	1			0700	0800	N31WD N531SA	Stead AAB
Aerial Supervision Module	All Divisions							Varies	Stead AAB
Airtanker Support	All Divisions							Varies	Stead
Helicopter Support				3	1	0700	0800	N795HT N217CH N234CH	Stead Helibase
Helicopter Support				2	2	0700	0800	CFWDV N73H	Stead Helibase
Helicopter Support				2	3	0700	0800	N206GH N117MB	Stead Helibase
13. Totals		2		7					
14. Air Operations Support Equipment:				15. Prepared by (include Date and Time) Stone/Dingman 7-27-2010 2000					

Helicopter Missions

Type 1 Helicopter-Bucket Support as requested.

Type 2 Helicopters-Bucket Support, sling missions, crew shuttle as requested.

Type 3 Helicopters-Operations Section Recon in AM and PM, GPS Mission with Planning Section, bucket and cargo work as requested.

TFR Information

TFR 0/4010 395513N/1200323W 5NM Radius

Dipsite Information

<u>Latitude</u>	<u>Longitude</u>	<u>Fire</u>	<u>DIV Location</u>	<u>Elevation</u>	<u>IGE/OGE</u>
39 54.08 X	120 00.57	Constantia		5200	IGE

Helispot Information

<u>H#</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Fire</u>	<u>Elevation</u>	<u>IGE/OGE</u>
H-1	39 57.37	120 4.45	Constantia		IGE

Medivac Information

In the event a medevac is necessary, the Division Supervisor will notify Incident Communications Unit of the incident. The Division Supervisor and on scene medical personnel will determine if the incident is a **Medivac** or **Medical Transport**. The Medical Unit will notify Minden Dispatch if Care Flight will be used. In either case, the helibase may need to respond with a helicopter if it is deemed to be the appropriate resource to transport the patient. Depending on the severity of injury, the incident helicopter will transport the patient to either Constantia ICP or a local hospital. An EMT from the Medical Unit will be stationed at the helibase as one becomes available

Local Hospital information is located in the IAP and the local Crash Rescue/Evacuation Plan.

Ordering Supplies for Aerial Delivery

Orders go through Division Sups to Communications to Supply. **The preferred method of aerial delivery to helispots is INTERNAL.** Loads going to approved helispots should go internal & not in a sling due to added risk/exposure to air crews.

Operations Recons

Communications with Operations and Division Supervisors during Recons should be conducted on Tactical Channels so as not to interfere with other Tactical Missions on the Incident.

Aircraft Demobe Information

A-9	N795HT	1200 7-28-10
A-9.1		1200 7-28-10
A-9.2		1200 7-28-10
A-9.3		1200 7-28-10
A-9.4		1200 7-28-10

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 2

TYPE OF FIRE: Wildfire

FIRE NAME: Constantia Complex

OPERATIONAL PERIOD: 6:00-20:00 July 28, 2010

DATE ISSUED: July 27, 2010

TIME ISSUED: 20:00

UNIT: Carson City District/Plumas NF

SIGNED: /s/ Myron Hotinger (FBAN)

INPUTS

WEATHER SUMMARY: (See attached IMET Weather Forecast)

Wednesday: RED FLAG WARNING in effect until 11 am for dry lightning and gusty outflow winds. Mostly cloudy, then partly cloudy with scattered thunderstorms in the morning and isolated thunderstorms in the afternoon. A drier and stable southwest flow should move into the area by Thursday.

FUELS:

Grass/Shrub/Timber Fuel Model (FM2 with heavier bitterbrush shrub or GS2): Pine/mix conifer and oak forest with 1000 hour fuels are 4%. 10 hours fuel moistures are 5-6%; live sage-brush is 75%; Conifer live fuel moistures estimated to be in the 125% range; Probability of Ignition 70%

OUTPUTS

GENERAL FIRE BEHAVIOR:

Expected Fire Behavior should be similar to yesterday with smoldering and an occasional open flame on heavier down fuels.

Fire spread can be extremely rapid in downslope runs from thunderstorms, as experienced three days ago. HOWEVER, isolated thunderstorms can cause high rate-of-spreads with extreme fire behavior from downdrafts. ALSO, as the afternoon heats up, there is a LOCAL WIND CONDITION that draws cooler air from the higher slopes into the dry lake basin to the north. Be on the lookout for stronger downslope winds in the afternoon causing increase/rapid downslope rates of spread and extreme fire behavior.

ERC is 83 and has been in the 80s for 3 weeks (fire restrictions). Most large fires in this area happen above an ERC of 83.

SPECIFIC FIRE BEHAVIOR:

Expect light fire behavior (creeping/smoldering) in all Divisions for mop-up.

HOWEVER: Expect very active fire behavior if thunderstorms or local winds cause strong, gusty winds that cause new ignitions or escapes to run. High winds can produce 10 ft flame lengths with 1/2 mile/hour runs requiring indirect attack tactics.

AIR OPERATIONS:

Watch out for strong, gusty winds from thunderstorms or local, strong downslope afternoon winds.

SAFETY

WATCHOUT for thunderstorms and local afternoon downslope wind conditions.

Maintain LCES. Lookouts, Communication, Escape Routes, Safety Zones.

Incident: Constantia Complex	Date: 7/28/10	Operational Period: Day
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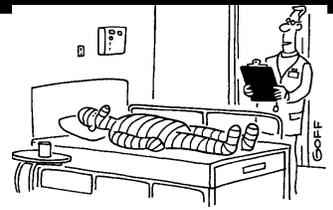
SAFETY MESSAGE

SAFETY IS OUR FIRST PRIORITY

Fire fighter safety comes first on every fire, every time



SAFETY THOUGHT
**“Good judgment comes from experiences.
 Experience comes from bad judgment.”**



"I understand you're the worker with the near-perfect safety record."

MAJOR HAZARDS AND RISKS

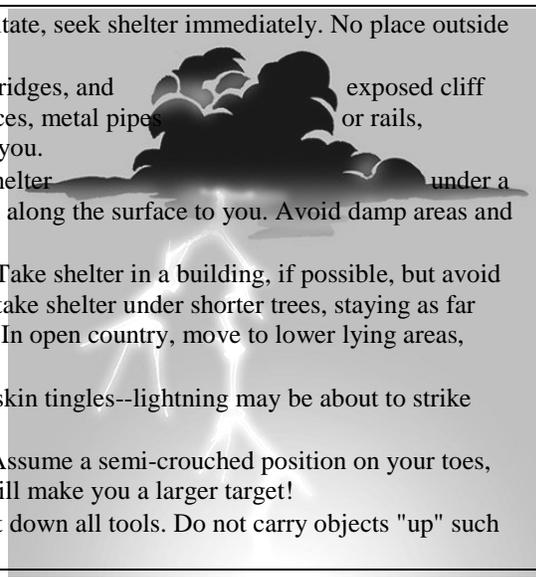
- | | |
|---|--|
| <ul style="list-style-type: none"> • Heavy traffic on US 295 • Wear appropriate PPE (AT ALL TIMES) • Steep slopes, rolling material – watch footing • Red flag warning in effect • Driving – seatbelts/headlights on/flashers • Dehydration – drink plenty of fluids | <ul style="list-style-type: none"> • Hotter and drier- Haines 5, LAL 6 • Be aware of spectators along US 395 • Stay away from power lines – they are charged • Camp Safety—use spotter when backing vehicles and watch your footing • Personal Hygiene—wash your hands! |
|---|--|



THUNDERSTORM SAFETY

Thunderstorms generate electrical discharges of incredible voltage, which are visible as lightning bolts. A normal lightning strike consists of three to four strokes, and if the cloud recharges before it moves on, can repeat this series of strikes many times. It takes the typical cloud about a minute to recharge itself. If caught in a lightning strike, remember another strike could occur in about one minute. Don't leave your safe position. Never forget that until the cloud moves on, there is a significant possibility of one or more additional strikes. Lightning strikes the best conductor on the ground, not necessarily the tallest object. In some cases, the best conductor might be a human being. The mature stage of a storm may be marked on the ground by a sudden reversal of wind direction, a noticeable rise in wind speed, and a sharp drop in temperature. Heavy rain, hail and lightning occur only in the mature stage of a thunderstorm.

- Treat lightning like a snake: if you see it or hear it take evasive measures. Don't hesitate, seek shelter immediately. No place outside is safe near thunderstorms!
- Avoid areas of certain death if lightning strikes. These include peaks, promontories, ridges, and exposed cliff or rails, trails. Avoid areas that have been previously struck. Stay clear of metal objects; wire fences, metal pipes, equipment, etc. Remove metal tools that you may be packing and place them away from you.
- Don't make yourself an inviting target by staying out in open country. Do not seek shelter under a solitary tree or a small grove of trees. Stay back from open water as discharges can travel along the surface to you. Avoid damp areas and natural drainages as they conduct ground currents.
- When you are overtaken by a severe thunderstorm, your safest place is in a vehicle. Take shelter in a building, if possible, but avoid isolated sheds or small structures in open areas that may be inviting targets. If in woods, take shelter under shorter trees, staying as far away as possible from the taller trees or any tree that appears to have been struck before. In open country, move to lower lying areas, remembering to stay clear of damp zones and drainages.
- Advise crew that if they feel an electrical charge--if their hair stands on end or their skin tingles--lightning may be about to strike them. They must drop to the ground immediately.
- Spread the group out to minimize the risk of multiple casualties (minimum of 15'). Assume a semi-crouched position on your toes, hands folded and off the ground, feet close together. Do not lie flat on the ground--this will make you a larger target!
- Do not use radios or telephones. Turn off machinery, chain saws, computers, etc. Put down all tools. Do not carry objects "up" such as a pike pole. Do not handle flammable materials in open containers.



Line Safety Officers Buz Vanskike, Steve Davis, Kraig Carroll	Safety Officer <i>Ken Moore</i>
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DIV	TACTICAL WATCHOUTS	LCES HAZARD CONTROL LCES 215A (Modified) ** Denotes Common Denominator of Tragedy Fires
All	Underslung Fireline Mid-slope Fireline Frontal Assault Unburned fuels Light Fuels** Uphill Runs** Small→Large Fire**	<ul style="list-style-type: none"> ▪ Staff dedicated lookouts at pre-identified vantage points ▪ Staff aerial lookout. During major threatening activity, assess & provide direction ▪ Establish human repeater site ▪ Take hourly weather observations over command frequency ▪ Abort assignment if communications cannot be maintained ▪ Weather watch system to be developed by FBAN/Meteorologist ▪ Improve/construct escape routes; Flag, time multiple escape routes and safety zones ▪ Establish situation trigger points for disengagement/exit to safety zones ▪ Improve/construct safety zones prior to tactical operations
All	Multiple Aircraft	<ul style="list-style-type: none"> ▪ Air Operations ensures that all incident aviation personnel are briefed on daily tactics, planned use, and safety hazards ▪ Maintain positive direction between Air Attack, lead plane pilot, assigned aircraft, and ground operations ▪ If confusion or conflicting priorities develop, STOP operations, until they can be safely continued
	Air Crew Shuttles	<ul style="list-style-type: none"> ▪ Ensure that a Chief of Party is assigned for transport of multiple personnel ▪ The pilot maintains responsibility for the safety of passengers and cargo ▪ Follow instructions of Helitack for loading and off-loading. Ensure proper wearing of PPE.
All	Bucket Drops Retardant Drops	<ul style="list-style-type: none"> ▪ Ensure clear air-ground communications ▪ Stay clear of flight zones and drop areas. Keep heads up for snags and hazard trees. ▪ Watch out for rotor wash or air tanker turbulence and potentially erratic fire behavior
	Wildland-Urban	<ul style="list-style-type: none"> ▪ Cooperate with the Sheriff's office in conducting information exchange with local communities ▪ Determine accessibility and need for traffic controls. Sign bridges with load limits information. ▪ Remove natural fuels within 30 feet of structures. Evacuate local citizens, livestock, pets, etc. ▪ Identify and make aware of powerlines, poles, etc. Identify and make aware of propane and above ground fuel tanks. ▪ Assess available water supplies
All	Spotting Torching	<ul style="list-style-type: none"> ▪ Watch for smoldering fires picking up over large areas, trees crowning out inside of fireline, high sustained rate of spread, well-developed convection column, hot/dry weather ▪ Post lookouts. Patrol for spots especially after torching, Grid green areas.
All	RH<25% Temps >85F Direct Sun Dead/Dying Fuels Freeze-Dried Fuels Winds>10MPH**	<ul style="list-style-type: none"> ▪ Watch potential for torching, spotting, re-burn, and erratic,extreme fire behavior ▪ Staff dedicated lookouts at pre-identified vantage points ▪ Take hourly weather observations over command frequency ▪ Establish effective radio repeaters to reach all divisions. Confirm radio frequencies ▪ Consider vegetation and terrain and flag and time multiple escape routes ▪ Improve/construct safety zones
All	Slopes>50% Rolling Rocks	<ul style="list-style-type: none"> ▪ Identify chimneys, gullies, and/or steep slopes in work area ▪ Post lookouts, issue warnings. ▪ Improve/construct, Identify safe routes, flag/time escape routes and safety zones ▪ Identify, flag, avoid rock hazards. Keep crews from below known hazard areas ▪ Wear proper and good condition fire boots to avoid slips and falls. ▪ Make sure you go slowly, watch your step, and maintain 10 feet spacing. Always carry tools on the downhill side.
All	Dehydration Heat Stress	<ul style="list-style-type: none"> ▪ Drink plenty of fluids (1 qt/hr); some gatorade-but not too much; ensure adequate replacement of water supplies. ▪ Pace work; allow frequent periods of rest in shade, if possible. Limit shift lengths
All	Snags	<ul style="list-style-type: none"> ▪ Stay alert for strong winds, steep slopes, bug-kill, air operations turbulence, vibrations from heavy equipment, use of explosives, rot or shallow-rooted trees ▪ Scout, identify and flag hazards, fell dangerous trees near the line ▪ Do go/no go assessment prior to falling ▪ Post lookouts, assess trees in work areas, issue daily warnings

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

MEDICAL PLAN	1. INCIDENT NAME CONSTANTIA COMP	2. DATE PREPARED July 27, 2010	3. TIME PREPARED 2030	4. OPERATIONAL PERIOD July 28, 2010 0600-2200				
	5. INCIDENT MEDICAL AID STATIONS							
MEDICAL AID STATIONS		LOCATION			PARAMEDICS			
					YES	NO		
CAMP		ICP			X			
DIVISION U SPIKE		DIVISION U CAMP			X			
6. TRANSPORTATION								
A. AMBULANCE SERVICES								
NAME		ADDRESS		PHONE	PARAMEDICS			
					YES	NO		
MINDON DISPATCH				775-782-1405				
B. INCIDENT AMBULANCES								
NAME		LOCATION			PARAMEDICS			
					YES	NO		
7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
RENOWN MED. CENTER	Reno, NV 39 31 34 x 119 49 03		1.0 Hrs	775-982-4100	X			X
UMC BURN CENTER	Las Vegas, NV 36 09 35 x 115 09 59			800-824-2073	X		X	
UC DAVIS MED CENTER	Sacramento, California 38 33 17 x 121 27 21			916-734-2011	X		X	
8. MEDICAL EMERGENCY PROCEDURES								
<p>Upon occurrence of a “MAJOR” medical or accident involving significant injury on the fireline. The nearest fireline Supervisor or Leader will be in charge. Clear all radio traffic on incident “Command Channel” – use to coordinate response – do <u>not</u> use names.</p> <ul style="list-style-type: none"> o Obtain and facilitate nearest EMT’s to the scene, request medical unit response – DIVS in charge of scene. o Coordinate and facilitate appropriate transportation for injured with Medical Unit – EMT in charge of patient(s). o Nature of problem: # injured; Condition and Vitals; Location (GPS Coordinates) o Remove all unnecessary personnel from the accident scene – notify SOFR. o Secure the scene area and identify witnesses for later investigation – keep a log. o Use emergency form on back of medical plan to report to communications. <p style="text-align: center;">Life safety is the Number 1 Priority on this Incident</p>								
9. PREPARED BY (MEDICAL UNIT LEADER)								
ICS 206 8-78	DEBRA LOPEZ			10. REVIEWED BY (SAFETY OFFICER)				
				KEN MOORE				

COMMUNICATION FOR INJURY/MEDICAL EMERGENCY

Do not use the name of the Injured individual over the radio. In the event of a minor injury, so state when relaying the information so a false sense of urgency is not. The Medical Unit Leader is to be notified in all injury situations.

Date: _____ Time: _____ Division _____

Location: _____

On Scene Point of Contact (Name & Position): _____ Radio Frequency _____

Medical personnel on site (name) _____

Type of Injury: _____

Sex _____ Age _____

Medical Injury _____ or Illness _____ Life Threatening Yes _____ No _____

Patient Condition- Critical _____ Serious _____ Minor _____ Conscious Yes _____ No _____

Additional medical equipment or personnel needed? (Type and Quantity) _____

Is air transportation needed: Yes _____ No _____ Can Patient sit up Yes _____ No _____ Weight _____

Location LAT _____ LONG _____ Drop Point _____

Patient Home Unit _____ Agency _____

Assessment BP _____ Pulse _____ Level of Consciousness _____ Skin _____

Difficulty Breathing Yes _____ No _____

On going Assessment- Document as they occur – on Scene personnel,

KIDD'S MANAGEMENT TEAM SUPPLY ORDER

Date & Time Order was Placed	Order # (DIVS + #)	Location & Time for Delivery (Division/LZ/DP/Lat Long)	Mode of delivery (Driven/Helo/DIVS to Pick up)	
Order received in Communications by (name):			Time:	
Order received in Supply by (name):			Time:	
Order received in Transportation by (name):			Time:	
Order received in Helibase by (name):			Time:	
Order shipped to line unit by (name): (Send this sheet to the line with the order)			Time:	
#	Item	Amount	Item	Amount
1.	Meals Breakfasts		26. Swivel ea.	
2.	Meals Lunches		27. Leadline ea.	
3.	Meals Dinners		28. Backpack Pump ea.	
4.	Meals MRE's/case		29. Slingable Blivet ea.	
5.	Water 5 gal. cubies		30. Folding Tank Size/ea.	
6.	Gatorade Case		31. Pumpkin Size/ea.	
7.	Batteries AA 1-Flat		32. Hose 1 ^{1/2} " / ft.	
8.	Batteries Specify Type		33. Hose 1" / ft.	
9.	Flagging (Specify type) # Roll		34. Hose 3/4" / ft.	
10.	Sleeping Bags ea		35. Reducer 1 ^{1/2} "X1"	
11.	Tarps/Plastic ea./roll		36. Reducer 1"X 3/4"	
12.	Parachute Cord roll		37. Gated "Y" 1 ^{1/2} "	
13.	Garbage Bags Box		38. Gated "Y" 1"	
14.	20 Man First Aid Kit ea.		39. Gated "Y" 3/4"	
15.	Coffee Kit w/propane ea.		40. Shut-off Valve 3/4"	
16.	Gas Raw		41. In-line Tee 1 ^{1/2} "X1"	
17.	Bar Oil Gal.		42. Nozzle 1 ^{1/2} "	
18.	2- cycle oil QT's		43. Nozzle 1"	
19.	Tool Shovel ea.		44. Nozzle 3/4"	
20.	Tool Pulaski ea.		45. Chainsaw Kit ea.	
21.	Tool Combi ea.		46. Mark 3 Pump Kit-Cache w/10 gal raw gas and 2 qts 2 cycle oil ea.	
22.	Tool Specify Type ea.			
23.	Fussee Case		47. Lightweight Pump Kit-Cache w/5 gal raw gas and 1 qt 2 cycle oil ea.	
24.	Drip Torches Full ea.			
25.	Drip Torch Mix 5 Gal.		48. Division Hose Lay Kit ea.	

GPS Datum: NAD 83**Team Ordering/ Timeline Process:**

0600 – Morning Briefing, start of crew time.

1100 – Last call to change spike camp resource (food, fuel, etc) location.

1500 – DIVS to have next day’s resource order ready for OPS.

- All crew level orders will be placed through DIVS.
- DIVS will place all orders through Communications Unit.
- All orders will be tracked using the process found on the front of form.

Division Hose Lay Kit Components

Item	NFES#	Quantity			
Hose 1½”	1239	1000’			
Hose 1”	1238	1000’			
Hose, ¾”	1016	500’			
Tee, 1 ½” – 1”	0731	5			
Nozzle, 1 ½”	0137	2			
Nozzle, 1”	0138	6			
Nozzle, ¾”	0136	12			
1 ½” Gated “Y”	0231	5			
1” Gated “Y”	2059	5			
¾” Gated “Y”	0272	6			
Shut off valve ¾”	0738	4			
Reducers, 1 ½” – 1”	0010	5			
Reducers, 1” – ¾”	0733	5			
Double Female 1”	0710	1			
Double Female 1 ½”	0857	1			

Fire Weather Forecast

FORECAST NO:	01	LOCATION:	Constantia Complex
PREDICTION FOR: SHIFT DATE:	Wednesday 7/28/10	UNIT: SIGNED:	BLM Carson City Dennis D. Gettman
TIME AND DATE FORECAST ISSUED:	7/27/10 2100		Incident Meteorologist

WEATHER DISCUSSION:

An unstable air mass lies over the area with weak southwest flow aloft. There will remain a threat of thunderstorms near the fire through about noon today with some of the storms on the dry side. Winds will be light over the fire area early...picking up from the southwest to west in the early afternoon hours. A more stable air mass will move over the fire area Wednesday night and Thursday.

WEATHER FORECAST: ...RED FLAG WARNING FOR DRY LIGHTNING THRU 11 AM...

WEATHER: Partly cloudy with thunderstorms near the fire during the morning period. Only a slight chance of thunderstorms after 11 am.

CHANCE OF WETTING RAIN: 5 percent

LAL: 6 early...then 2

Temperatures/Relative Humidity: Maximum temperatures near 87-92 lower slopes and valley...78-82 mid slopes and ridges. Minimum RH 15-20 percent.

Eye-level Winds:

Ridgetop - Light and variable early becoming southwest to west 4-8 mph with gusts to 14 mph after 1 pm.

Slope/Valley- Upslope 1-5 mph increasing to 3-7 mph by noon. Possible downslope winds 4-8 mph developing after 2 pm

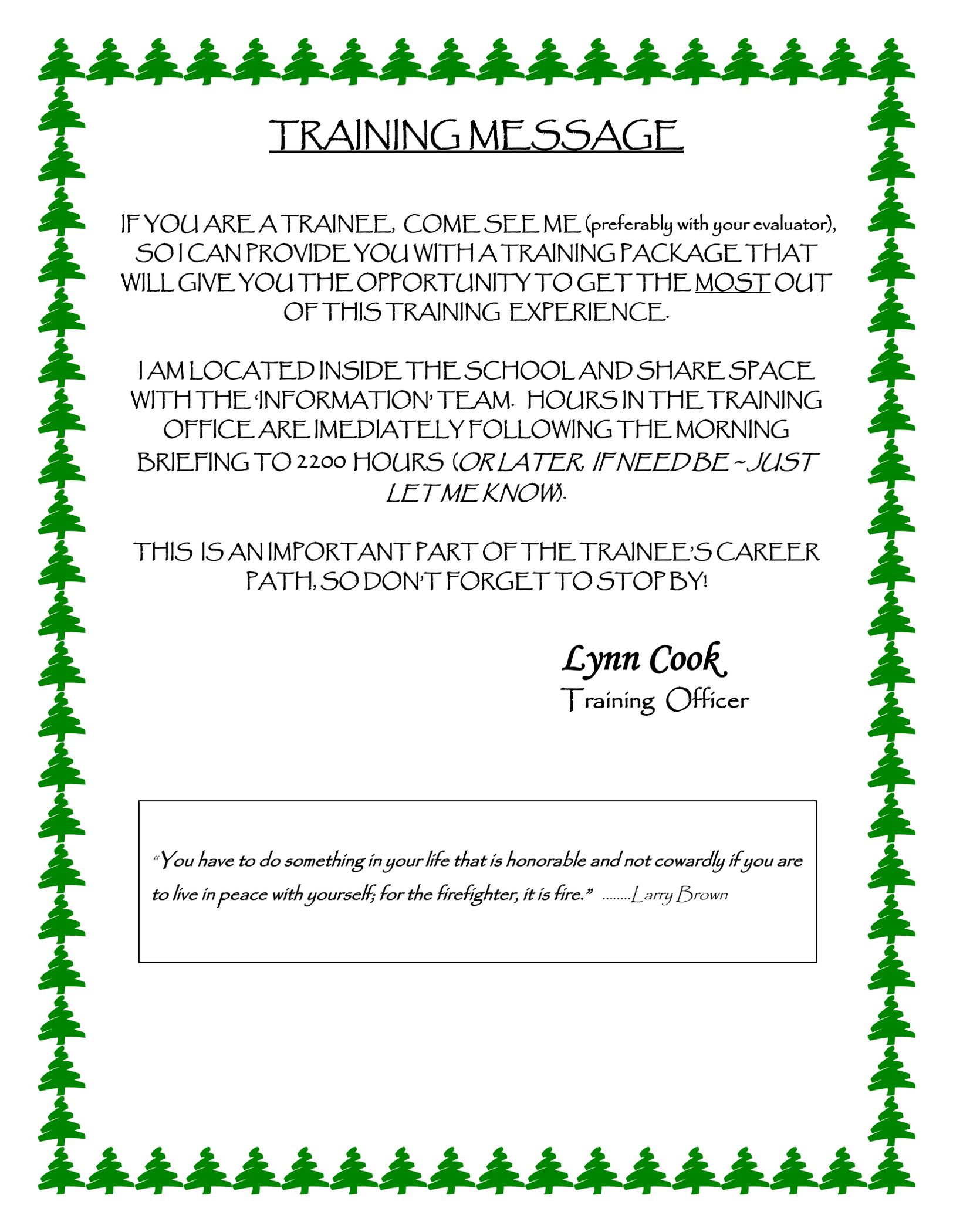
Haines Index: 5 (Low)

Stability/Inversion: Weak inversion below 6000 feet...lifting after 10-11 pm with mixing height above 10,000 feet in the afternoon.

TONIGHT: Clear. Lows 54-60. Humidity recoveries 40-50 percent. Ridge-top winds southwest 4-8 mph with gusts to 15 mph in the evening, decreasing to 2-6 mph after 10 pm. Elsewhere winds down-slope/down-canyon 2-5 mph.

OUTLOOK FOR NEXT SHIFT: Thursday...Sunny, warm and dry. High temperatures 88-93 lower slopes and valleys...80-84 mid slopes and ridges. Lowest humidity 13-18%. Light winds in the morning...shifting to the west southwest 4-8 mph in the afternoon.

EXTENDED FORECAST: Friday and Saturday...Mostly sunny. Little change in temps or humidities. Possible gusty southwest winds Saturday afternoon.



TRAINING MESSAGE

IF YOU ARE A TRAINEE, COME SEE ME (preferably with your evaluator), SO I CAN PROVIDE YOU WITH A TRAINING PACKAGE THAT WILL GIVE YOU THE OPPORTUNITY TO GET THE MOST OUT OF THIS TRAINING EXPERIENCE.

I AM LOCATED INSIDE THE SCHOOL AND SHARE SPACE WITH THE 'INFORMATION' TEAM. HOURS IN THE TRAINING OFFICE ARE IMMEDIATELY FOLLOWING THE MORNING BRIEFING TO 2200 HOURS (*OR LATER, IF NEEDED BE ~ JUST LET ME KNOW*).

THIS IS AN IMPORTANT PART OF THE TRAINEE'S CAREER PATH, SO DON'T FORGET TO STOP BY!

Lynn Cook
Training Officer

"You have to do something in your life that is honorable and not cowardly if you are to live in peace with yourself; for the firefighter, it is fire."Larry Brown

