

MGC COMPLEX



TUESDAY JULY 8, 2014

DAY: 0700-2000

PDH63Q

(1502)

NV-ELD-040067

GPS: NAD 83 - FORMAT: DD MM. MM

<p style="text-align: center;">Incident Objectives</p>	<p>1. Incident Name</p> <p style="text-align: center;">MGC COMPLEX</p>	<p>2. Date Prepared</p> <p style="text-align: center;">07/07/14</p>	<p>3. Time Prepared</p> <p style="text-align: center;">0756</p>															
<p>4. Operational Period</p> <p style="text-align: center;">07/08/14 Tuesday DAY Shift 0700 - 2000</p>																		
<p>5. General Control Objectives for the incident (include alternatives)</p> <p>(1) Provide for firefighter and public safety adhering to the 10 Standard Firefighting Orders and 18 Watch Out Situations</p> <p>(2) Keep all fires at the minimum acreage burned possible. Utilize appropriate suppression actions to manage incident for full containment and perimeter control.</p> <p>(3) Protect improvements and implement tactics to minimize fire spread on private lands.</p> <p>(4) Minimize impacts to critical sage grouse habitat, large game winter habitat, and Beaver Dam Wash due to T&E fish species. In addition provide for the protection of identified historic, prehistoric and archeological resources.</p> <p>(5) Maintain regular communication with adjacent private landowners and government land managers. Communicate, coordinate and cooperate with county sheriff offices.</p> <p>(6) Keep cost commensurate with values at risk.</p>																		
<p>6. Weather Forecast for Period</p> <p>SEE ATTACHED FORECAST DOCUMENTS</p>																		
<p>7. General Safety Message</p> <p>SEE ATTACHED MEDICAL AND SAFETY DOCUMENTS</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 checked="" type="checkbox"/> Traffic Plan</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input type="checkbox"/></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 checked="" type="checkbox"/> Traffic Plan	<input type="checkbox"/>	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input type="checkbox"/>	<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"/> Air Operations Summary - ICS 220	<input type="checkbox"/>	<input type="checkbox"/>																
<p>9. Prepared by (Planning Section Chief)</p> <p>Renee Flanagan</p>	<p>10. Approved by (Incident Commander)</p> <p>Chris Wilcox (T)</p>																	

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name MCG COMPLEX		Field Operations	Brook Chadwick Chris Delaney (T)
2. Date Prepared July 7, 2014		Planning Operations	Steve Shaw
3. Time 1700		a. Branch I	
4. Operational Period JULY 8, 2014 0700-2000		Branch Director	
Position	Name	Division/Group	Middle Ridge Div A Jason Kirks
5. Incident Commander		Division/Group	Middle Ridge Div C Alex Abols Kevin Kutterer(T)
Incident Commanders	John Kidd	Division/Group	Middle Ridge Div Z Daren Turner
Incident Commander (T)	Chris Wilcox	Division/Group	Greek Peak Unstaffed
Safety Officers	Kraig Carrol Buz VanSkiye Zach Brouillette(T)	Division/Group	Cottonwood Div A Pete Goetzinger
Medical	Matt Payne	Division/Group	Cottonwood Div Z Ross Wise
Information Officer	Jesse Bender		
6. Agency Representative		b. Branch II	
Agency	Name	Branch Director	
Forest Service - Supervisor	Angelita Bullettis	Division/Group	
Forest Service - Agency Rep	Kevin Schulkoski	c. Branch III	
BLM – Caliente FO Mgr	Victoria Barr	Branch Director	
BLM – St. George FO Mgr	Jimmy Tyree	Division/Group	
BLM – Ely District Mgr.	Rosemary Thomas	d. Air Operations Branch	
Utah FFSL	Ron Wilson	Air Operations Branch Director	Kevin Greenhalgh
Resource Advisor –FS (Lead)	Devin Johnson	Air Tactical Group Supervisor	Mike Melton
Resource Advisor – BLM (Lead)	Cameron Boyce	Air Support Group Supervisor	Cameron Dingman
		HEB1	Blake Ford
		HEB2	
7. Planning Section		10. Finance Section	
Chief	Renee Flanagan Linda Chappell (T)	Chief	Wendy Soper
Resources Unit	Clark Tucker Gary Peck(T)	Time Unit	Colleen Goff
Documentation Unit	Clark Tucker Gary Peck(T)	PTRC	Janice Minarik (T)
Demob Unit	Keri Vest	EQTR	Loren Walker
Situation Unit	Lou Ballard	Cost Unit	Mertrina Randles
FBAN	Myron Hotinger Chip Collins(T)	Compensation/Claims Unit	Beth Sjoblom
Training Specialist	Jean Gallagher Kelly Woods(T)	Procurement Unit Leader	
GIS Specialist	Julie Osterkamp		
Computer Specialist	Heidi Little		
Status/Check-in	Cherie Ausgotharp		
8. Logistics Section		Prepared by Resource Unit Leader	
Chief	Brent Crosland	CLARK TUCKER	
Supply Unit	Larry Garahana		
Facilities Unit	Duane Stewart Ted Hinricks (T)		
Ground Support Unit	Art Partridge		
Communications Unit	Steve Robertson		
Ordering Mgr	Nan Coates Shayne Hunt (T)		
Receiving Mgr	Sean Stewart Keith Olive		
Security Mgr	Maggie Williams		
Food Unit	Shannon Swann		

AIR OPERATIONS SUMMARY		Incident Name/Operational Period: MGC Complex 7/8/2014		Sunrise: 0622 PDT Sunset: 2102 PDT	Aviation Bases: Cedar City Air Center, Panaca Airport				
4. Personnel	Phone Number	Air/Air Frequency	Air/Ground Frequency	5. Remarks (Spec. Instructions, Safety Notes, Hazards, Priorities)					
Air Operations Branch Director Kevin Greenhalgh	435-691-3771	Rotor Victor 123.175	Cottonwood 169.150	<u>Keep communications short and to the point, use your signal mirrors to guide in aircraft.</u>					
Air Support Group Supervisor Cameron Dingman	801-550-9857	Cottonwood FW Ops 125.125	Middle Ridge 169.200	<u>Keep clear of all drop zones.</u>					
Air Support Group Supervisor Blake Ford	435-979-0452	Middle Ridge FW Ops 118.1750	Greek Peak 166.6750	All orders for aircraft tactical missions should be ordered through Air Attack or helibase if Air Attack is not up.					
Air Tactical Group Supervisor Mike Melton	435-590-4712	Greek Peak FW Ops 118.075	163.100 Deck	IC or Operations must approve all non-tactical missions prior to scheduling.					
HEB2 (Middle Ridge) Mike Hansen	801-726-6259			Be careful of winds on the lee sides of ridges. Ensure specific aircraft wind limitations are not exceeded.					
HEB2 (T) (Middle Ridge) Luke Yeamans	801-631-3835			Ensure FTA limits are followed					
				ICP briefing @0600 PDT, Pilots on and preflight @0600 PDT, Helibase Briefing @0700 PDT. All Helibase personnel and pilots need to attend the Helibase Briefing.					
				All helicopters flight follow with Air Attack on rotor victor 123.175 or with helibase as needed					
				Air Attack will flight follow with Color Country dispatch					
				Helicopter 933CH is rappel capable					
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		1	1			0700 MDT	0730 MDT	N6619V	Cedar City Air Center
Helicopter Support	Palm IR			1	3	0600 PDT	0700 PDT	N767H	Panaca Helibase
Helicopter Support	Recon/Palm IR			1	3	0600 PDT	0700 PDT	N407PJ	Panaca Helibase
Helicopter Support	Fire Support/Medivac			1	2	0600 PDT	0700 PDT	N933CH	Panaca Helibase
13. Totals		1		3					
14. Air Operations Support Equipment: Panaca Helibase: E-11 Teri's Water Service				15. Prepared by (include Date and Time) Kevin Greenhalgh 7/7/2014 1900					

Helicopter Missions

Type 3 Helicopters-Operations Section Recon, Palm IR of fires as requested.

Type 2 Helicopters-Bucket Support, Cargo, and Crew Shuttle, medical transport as requested

TFR Information

Middle Ridge/Greek Peak FDC 4/6950 Circular 8NM to 11,000 FT MSL (Latitude: 37°29'05"N, Longitude: 114°03'53"W)

Cottonwood FDC 4/7255 Circular 5NM to 11,000 FT MSL (Latitude: 37°53'06"N, Longitude: 114°04'52"W)

Frequency for both is 123.175

Helibase Information

<u>Helibase</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elevation</u>
Panaca	37 47.245	114 25.193	4831
Middle Ridge	37 32.420	114 07.885	5746
Enterprise Reservoir	37 31.200	113 51.220	5700

Helispot Information

<u>H#</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elevation</u>	<u>IGE/OGE</u>	<u>Notes</u>
Greek Peak H-1	37 26.767	113 58.154			
Greek Peak H-2	37 27.857	113 57.051			
Middle Ridge H-1	37 25.63	114 08.500			Sage field
Middle Ridge H-2	37 26.051	114 03.121			In black, dust abatement needed
Middle Ridge H-3	37 25.044	114 02.668			Ridgetop
Middle Ridge H-4	37 26.084	114 04.292			Ridgetop
Middle Ridge H-5	37 26.301	114 04.793			In black, dust abatement needed
Cottonwood H-1	37 51.47	114 19.22			

Dipsite Information

<u>Location</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elevation</u>
Beaver Dam State Park	37 30.0	114 04.0 (approx.)	
Matthew (Wilson) Ranch	37 29.65	114 03.816	
Middle Ridge Pumpkin	37 32.366	114 07.366	

Ordering Supplies for Aerial Delivery

Orders go through Division Sups to Communications to Supply. Orders to be delivered by helicopter must specify fly from and fly to locations with lat/long. **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.

Aircraft/Aviation Personnel Demobe Information

<u>RO#</u>	<u>Name</u>	<u>Home Unit</u>	<u>Time</u>	<u>Date</u>
A-11	N767H	ID-CTF	~1200	7/8/14
A-4	N6619V	ID-AMRO	~1900	7/8/14

Cottonwood and Middle Ridge Fires Weather Forecast

Fire Weather Forecast for NVZ461 - FIRE WEATHER PLANNING FORECAST FOR
SOUTHERN NEVADA - NATIONAL WEATHER SERVICE LAS VEGAS NV - 233 PM PDT MON JUL
7 2014

DISCUSSION...MOISTURE WILL REMAIN ACROSS THE REGION RESULTING IN A CHANCE OF
THUNDERSTORMS FOR MOST OF THE WEEK. A FEW STORMS COULD PRODUCE VERY HEAVY
RAIN LEADING TO LOCALIZED FLASH FLOODING. COMPUTER MODELS ARE SUGGESTING SOME
DRIER AIR COULD PUSH IN FROM THE SOUTHWEST BEGINNING FRIDAY OR SATURDAY.

NOTE: THUNDERSTORMS IMPLY GUSTY AND ERRATIC WINDS.

NVZ461-081345 - LINCOLN COUNTY/ELY DISPATCH - 233 PM PDT MON JUL 7 2014

TUESDAY...

SKY/WEATHER.....PARTLY CLOUDY. SCATTERED SHOWERS THROUGH THE DAY.
SCATTERED THUNDERSTORMS IN THE AFTERNOON.

MAX TEMPERATURE:

7000 FEET.....77-87.

24 HR TREND.....LITTLE CHANGE.

MIN HUMIDITY:

7000 FEET.....22-31 PERCENT.

24 HR TREND.....ON AVERAGE UP 4 PERCENT.

WIND (SLOPE/VALLEY=20 FT, 10 MIN AVG):

SLOPE/VALLEY...UPSLOPE/UPVALLEY 4 TO 8 MPH BECOMING SOUTHWEST UP TO 10
MPH IN THE AFTERNOON.

10000 FT MSL....NORTHEAST UP TO 10 MPH SHIFTING TO THE SOUTH IN THE
AFTERNOON.

CHANCE OF PRECIP....40 PERCENT.

CWR (>= 0.10 IN)....10 PERCENT.

LAL.....1 INCREASING TO 3 IN THE AFTERNOON.

HAINES INDEX.....5.

TUESDAY NIGHT...

SKY/WEATHER.....MOSTLY CLOUDY THEN BECOMING PARTLY CLOUDY. SCATTERED
SHOWERS AND THUNDERSTORMS IN THE EVENING...THEN ISOLATED SHOWERS AND
THUNDERSTORMS AFTER MIDNIGHT.

MIN TEMPERATURE:

7000 FEET.....61-67.

24 HR TREND.....LITTLE CHANGE.

MAX HUMIDITY:

7000 FEET.....50-60 PERCENT.

24 HR TREND.....LITTLE CHANGE.

WIND (SLOPE/VALLEY=20 FT, 10 MIN AVG):

SLOPE/VALLEY...SOUTHWEST WIND UP TO 10 MPH IN THE EVENING BECOMING
DOWNSLOPE/DOWNVALLEY 2 TO 5 MPH.

10000 FT MSL....SOUTHWEST 10 TO 15 MPH.

CHANCE OF PRECIP....30 PERCENT.

CWR (>= 0.10 IN)....10 PERCENT.

LAL.....3 DECREASING TO 2 LATE IN THE EVENING.

HAINES INDEX.....4.

Greek Peak Fire Weather Forecast Fire Weather Forecast for UTZ495

Fire Weather Forecast for UTZ495 - FIRE WEATHER PLANNING FORECAST FOR UTAH
NATIONAL WEATHER SERVICE SALT LAKE CITY UT - 311 PM MDT MON JUL 7 2014

...DEEP MOISTURE OVER SOUTHWEST UTAH TODAY AND TUESDAY WILL SPREAD
NORTHWARD ACROSS THE REGION WEDNESDAY THROUGH FRIDAY...

DISCUSSION...DEEP MOISTURE WILL MOVE NORTHWARD WEDNESDAY THROUGH THURSDAY AND
LINGER POSSIBLY INTO FRIDAY ACROSS THE REMAINDER OF THE FORECAST AREA...DEEP
MOISTURE OVER SOUTHWEST UTAH WILL SPREAD NORTHWARD MIDWEEK AND REMAIN ACROSS
THE REGION INTO FRIDAY. WETTING RAINS ARE POSSIBLE WITH THE SCATTERED SHOWERS
AND THUNDERSTORMS THAT WILL ACCOMPANY THIS DEEP MOISTURE. RELATIVE HUMIDITY
VALUES WILL BE ELEVATED DURING THIS WEEK. A DRIER SOUTHWEST FLOW WILL MOVE
INTO SOUTHWEST UTAH BEGINNING THURSDAY AND SPREAD NORTHEAST ACROSS THE AREA
FRIDAY INTO SATURDAY. HIGH LEVEL MOISTURE MAY RETURN SUNDAY AND MONDAY.

THUNDERSTORMS IMPLY STRONG GUSTY AND ERRATIC WINDS

ALL WINDS ARE 20 FOOT...10-MINUTE AVERAGES

UTZ495>498-081245-FORECAST AREA 3...SOUTHWEST UTAH (CEDAR CITY IFC AREA)-
ZONE 495 COLOR COUNTRY WEST DESERT - 311 PM MDT MON JUL 7 2014

TUESDAY..SKY/WEATHER..IN THE VALLEYS...PARTLY CLOUDY (65-75 PCT CLOUD COVER)
UNTIL 1200..THEN MOSTLY CLOUDY (65-75 PCT CLOUD COVER)..ISOLATED RAIN SHOWERS
UNTIL 1200...THEN SCATTERED SHOWERS AND THUNDERSTORMS. IN THE MOUNTAINS..
MOSTLY CLOUDY (80-90 PCT CLOUD COVER)..SCATTERED SHOWERS AND THUNDERSTORMS.

MAX TEMPERATURE.....NEAR 5000 FEET...87-97.
MIN HUMIDITY.....NEAR 5000 FEET...18-28 PERCENT.
20-FOOT WINDS.....SLOPE/VALLEY...UPSLOPE/UPVALLEY 5-10 MPH.
RIDGETOPS.....LIGHT AND VARIABLE.
LAL.....4
CWR.....40 PERCENT.
HAINES INDEX.....3 ..VERY LOW.

TUESDAY NIGHT...SKY/WEATHER.....PARTLY CLOUDY (60-70 PCT CLOUD COVER). IN
THE VALLEYS...SCATTERED SHOWERS AND THUNDERSTORMS UNTIL 2400...THEN ISOLATED
SHOWERS AND THUNDERSTORMS. IN THE MOUNTAINS...SCATTERED SHOWERS AND
THUNDERSTORMS.

MIN TEMPERATURE.....NEAR 5000 FEET...64-74.
MAX HUMIDITY.....NEAR 5000 FEET...48-58 PERCENT.
20-FOOT WINDS.....SLOPE/VALLEY...SOUTHWEST AROUND 15 MPH IN THE EVENING
BECOMING DOWNSLOPE/DOWNVALLEY 5-10 MPH. RIDGETOPS.....NORTHWEST 10-20 MPH
DECREASING TO LIGHT AND VARIABLE AFTER MIDNIGHT.
LAL.....4.
CWR.....20 PERCENT.
HAINES INDEX.....3 ..VERY LOW.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 3	TYPE OF FIRE: Wildfire
FIRE NAME: MGC Complex	OPERATIONAL PERIOD: 07:00-20:00 July 8, 2014
DATE ISSUED: July 7, 2014	TIME ISSUED: 20:00
UNIT: Ely District Office NV-ELD	SIGNED: Myron Hotinger FBAN; Chip Collins FBAN(T)

INPUTS

WEATHER SUMMARY: Partly cloudy, Scattered showers through the day and thunderstorms in the afternoon; dry bulb temperature 77 - 87° @ 7000'. Minimum RH 22 - 31%. Winds upslope/upvalley 4-8 mph early, becoming SW at 10 mph by afternoon. Ridgetop winds S up to 10 mph in the afternoon. Chance of precipitation is 40%.

FUELS: The fires have burned primarily in Pinyon/Juniper stands with some oak and deciduous brush fields involved. Valley bottoms and areas below the fires are grass and sage. Annual grasses have cured and sagebrush live fuel moisture is at or below the seasonal average at sites measured in the District. Regional juniper fuel samples are generally measured to also be below average for early July.

FIRE BEHAVIOR

GENERAL: Extensive runs in the Pinyon/Juniper stands have been under the influence of strong gusty winds and thunderstorm outflow, especially where tree canopy is closed. Ground fuels are absent in many areas under the PJ, not supporting surface fire spread.

Remaining heat in PJ stands will continue to smolder as they burn out. Any hot spots with unburned fuel above have the potential for some spread. This would be enhanced by upslope winds.

Monsoon moisture producing slow moving thunderstorms and light winds are expected through mid-week. These conditions are not supportive of fire spread or perimeter growth. The chance of crown fire in closed PJ stands is dependent upon strong winds produced from thunderstorms. While storms have been present for the last few days, coverage of wetting rains is still somewhat sporadic. Should storms develop, be heads up for gusty erratic winds and cloud to ground lightning.

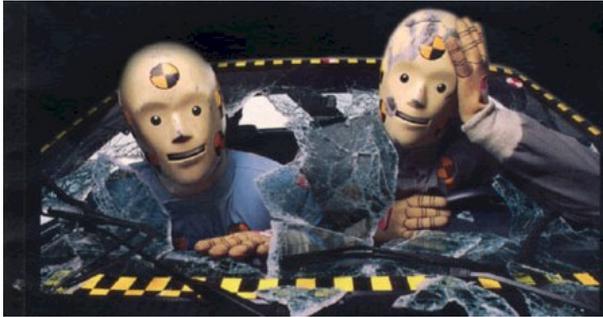
AIR OPERATIONS: Inversion concerns remain minimal with the limited smoke production over the fire areas. Isolated to scattered thunderstorms throughout the day have the potential to affect air ops with gusty, erratic winds with strong outflows and heavy precipitation.

SAFETY

Forecasts agree on wet thunderstorms persisting into the middle of the week. Chances for flash floods exist as these slow moving storms develop, with the potential of producing ½ to 1" of rain over a localized area. Recently burned areas are highlighted in area forecast discussions for flash flood potential.

SAFETY MESSAGE

MGC COMPLEX 7/8/14



Currently there are no openings for new crash test dummies so you will just have to continue driving defensively to avoid accidents.

Although Danica is currently in 27th position and 293 points behind the leader she is still a skilled race car driver and will not be giving up her driver's seat yet so there is no need to show off your high speed driving abilities.



The cattle, elk and deer around here would not look nearly this cool on the hood of your truck so watch out for them on the road.

Remember the Driving LCES:

- L – Lights
- C – Chock Blocks
- E - Emergency Brake
- S – Seat Belts

Your Safety Team – Kraig Carroll (SOF2), Zac Brouillette (SOF2t), Lance Roberts (SOF2), Clair Jolley (SOF2t), Buzz Vanskike (SOF2) and Robert Barret (SOF2t)

INCIDENT SAFETY ANALYSIS 215a

MCG Complex - Monday, July 07, 2014

8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
C&M	ATV/UTV use	<ul style="list-style-type: none"> ~ Ensure equipment is inspected and safe to use. ~ Restrict UTV's to max width of 50" on ATV trails due to width and severe out sloped conditions. ~ Ensure operator is trained and certified to operate. ~ Ensure operator has proper PPE according to the Redbook and/or RMA. ~ Question if it is mission critical. ~ Approval from the IC or Safety Officer required for ATV/UTV ordered for incident
All	Communications	<ul style="list-style-type: none"> ~ Maintain communication with aviation resources, and suppression organization. ~ Ensure all know frequency and protocol for contacting resources. ~ Utilize the ICS 205. ~ Utilize human repeaters when working in dead spots.
All	Fatigue & Over Exertion	<ul style="list-style-type: none"> ~ Drink 1 quart of water each hour during and after work. ~ Rotate crews out of smoky areas. ~ Set a reasonable work pace and allow adequate rest breaks while on the project. ~ Stagger work crews start time to limit fatigue. ~ Use buddy system to monitor personnel of heat related and fatigue issues. ~ Follow work / rest guidelines.
All	Heat Related Illness (HRI)& Dehydration	<ul style="list-style-type: none"> ~ Drink Fluids throughout operational period (6-8 qts/shift). ~ Maintain water/electrolyte ratio of 3 to 1. ~ Carry extra water on line and cache water at drop points. ~ Take Frequent breaks, minimum of 10 minutes every hour. ~ Allow out of area resources time to acclimatize before expecting peak performance. ~ Recognize symptoms of HEAT RELATED ILLNESS which include. <ul style="list-style-type: none"> o Lack of energy, Headaches, Dizziness o Lack of rest, No hunger, poor eating habits o Hot skin, and lack of sweating
All	Mines	<ul style="list-style-type: none"> ~ Identify, flag and avoid mine areas. ~ Notify others of hazard. ~ Avoid explosives in mine areas.
All	Severe Weather	<ul style="list-style-type: none"> ~ Review and follow Thunderstorm Safety guidelines in IRPG page 21. ~ Observe 30/30 Rule for lightning safety.....page 21, IRPG. ~ Establish "Trigger Points" to withdraw, and ensure all know rally site. ~ Use "Risk Management" process to determine retreat criteria and actions. ~ Carry rain gear and extra food and water if weather limits retreat to ICP.
All	Vehicle Operations in Inclement Weather	<ul style="list-style-type: none"> ~ Be alert for potential muddy and slick road surfaces. ~ Avoid parking on soft shoulders along roads. ~ Stay off secondary roads in wet conditions. ~ Increase following distance on slick road surfaces. ~ Send a scout to evaluate roads and work area prior to personnel engagement.
All	Flash Flooding	<ul style="list-style-type: none"> ~ Post lookouts, listen for weather updates by (IMET). ~ Stay out of dry creek beds and gullies during rain/hail/lightning events. ~ Avoid walking in areas with rock, and loose debris during storm events. ~ Avoid walking in single file when coming off hillside. ~ Establish RAWs trigger points on incident radio system for fireline leadership to remove resources prior to severe weather events.

MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name		2. Operational Period						
MGC Complex		7/8/14 0700-2000						
3. Ambulance Services								
Name	Complete Address	Phone & EMS Frequency		Advanced Life Support (ALS) Yes No				
Lincoln County Ambulance	Panaca, Caliente, Pioche	Call Ely Dispatch 775-289-1925 Night: 775-289-9395		.	X			
.			
4. Air Ambulance Services								
Name	Phone	Type of Aircraft & Capability						
Life Flight	Call Ely Dispatch 775-289-1925 Night: 775-289-9395	Medical Helicopter or Fixed Wing						
Mercy Air Helicopter	Call Ely Dispatch 775-289-1925 Night: 775-289-9395	Helicopter						
5. Hospitals								
Name Complete Address	GPS Datum – WGS 84 Coordinate Standard Degrees Decimal Minutes DD° MM.MMM' N - Lat DD° MM.MMM' W - Long		Travel Time Air Gnd		Phone	Helipad Yes No		Level of Care Facility
	Lat:	.	.	16 min		775-726-3171	<input checked="" type="checkbox"/>	
Grover C Dils Medical Center 700 N Spring St Calente	Long:	.	.	1.3 hr	435-868-5253	<input checked="" type="checkbox"/>	<input type="checkbox"/>	.
Valley View Medical Center 1303 N Main, Cedar City, UT	VHF:	.	45 min	1.7 hr	435-251-1002	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trauma
	Lat:	N 37° 42.016	40 min	4 hrs	702-383-1840	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trauma, burn
	Long:	W 113° 04.05	75 min	4 hrs	801-581-2292	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trauma, burn
Dixie Regional Medical Center 1380 E. Medical Center Dr. St. George, UT	VHF:	.	75 min	4 hrs	801-581-2292	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trauma, burn
	Lat:	N 36° 9.6	75 min	4 hrs	801-581-2292	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trauma, burn
	Long:	W 115° 9.9655	75 min	4 hrs	801-581-2292	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trauma, burn
University Medical Center – Las Vegas 1800 W Charleston Blvd, Las Vegas, NV 89102	VHF:	.	75 min	4 hrs	801-581-2292	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trauma, burn
	Lat:	N 40° 46.34	75 min	4 hrs	801-581-2292	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trauma, burn
	Long:	W 111° 50.24	75 min	4 hrs	801-581-2292	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trauma, burn
University of Utah Medical Center – 50 North Medical Drive, Salt Lake City, UT	VHF:	.	75 min	4 hrs	801-581-2292	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trauma, burn
	Lat:	N 40° 46.34	75 min	4 hrs	801-581-2292	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trauma, burn
	Long:	W 111° 50.24	75 min	4 hrs	801-581-2292	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trauma, burn
6. Division Branch Group			Area Location Capability					
Middle Ridge Div. Alpha – Jason Kirks			EMS Responders & Capability:		.			
			Equipment Available on Scene:		.			
			Medical Emergency Channel:		.			
			ETA for Ambulance to Scene:		.			
			Air:		.			
			Ground:		50 min			
			Approved Helispot:		Middle Ridge Helibase			
			Lat:		37° 32.548' N			
Long:		114° 7.825' W						
Middle Ridge Div. Z – Daren Turner			EMS Responders & Capability:		.			
			Equipment Available on Scene:		.			
			Medical Emergency Channel:		.			

MEDICAL PLAN (ICS 206 WF)

	ETA for Ambulance to Scene:	.
	Air:	.
	Ground:	50 min
	Approved Helispot:	Middle Ridge Helibase
	Lat:	.
	Long:	.

7. Name & Location	Remote Camp Location(s)		
Middle Ridge Div C – Alex Abols	EMS Responders & Capability:	.	
	Equipment Available on Scene:	.	
	Medical Emergency Channel:	.	
	ETA for Ambulance to Scene:	.	
	Air:	.	
	Ground:	.	
	Approved Helispot:	.	
	Lat:	.	
	Long:	.	
Cottonwood Div A – Pete Goetzingen	EMS Responders & Capability:	2-Advanced EMT's, 7 EMT's	
	Equipment Available on Scene:	Basic and IV medical kits	
	Medical Emergency Channel:	.	
	ETA for Ambulance to Scene:	.	
	Air:	.	
	Ground:	.	
	Approved Helispot:	.	
	Lat:	.	
	Long:	.	
Cottonwood Div Z – Ross Wise	EMS Responders & Capability:	.	
	Equipment Available on Scene:	.	
	Medical Emergency Channel:	.	
	ETA for Ambulance to Scene:	.	
	Air:	.	
	Ground:	.	
	Approved Helispot:	.	
	Lat:	.	
	Long:	.	
Greek Peak –	EMS Responders & Capability:	.	
	Equipment Available on Scene:	.	
	Medical Emergency Channel:	.	
	ETA for Ambulance to Scene:	.	
	Air:	.	
	Ground:	.	
	Approved Helispot:	.	
	Lat:	.	
	Long:	.	
8. Prepared By (Medical Unit Leader)	9. Date/Time	10. Reviewed By (Safety Officer)	11. Date/Time
.	.	.	.

MEDICAL PLAN (ICS 206 WF)



Medical Incident Report



FOR ALL MEDICAL EMERGENCIES: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.

Use items one through nine to communicate situation to communications/dispatch.

1. CONTACT COMMUNICATIONS/DISPATCH

Ex: "Communications, Div. Alpha. Stand-by for Priority Medical Incident Report." (If life threatening request designated frequency be cleared for emergency traffic.)

2. INCIDENT STATUS: Provide incident summary and command structure.

Nature of Injury/Illness		<i>Describe the injury (Ex: Broken leg with bleeding)</i>
Incident Name		<i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i>
Incident Commander		<i>Name of IC</i>
Patient Care		<i>Name of Care Provider (Ex: EMT Smith)</i>

3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient. This is only a brief, initial assessment. Provide additional patient info after completing this 9 Line Report.

Number of Patients: .	Male / Female. .	Age: .	Weight: .
Conscious? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Mechanism of Injury: <i>What caused the injury?</i>			
Lat/Long (Datum WGS84) <i>Ex: N 40° 42.45' x W 123° 03.24'</i>			

4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> URGENT-RED Life threatening injury or illness. <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i>	Ambulance or MEDEVAC helicopter. Evacuation need is IMMEDIATE.
<input type="checkbox"/> PRIORITY-YELLOW Serious Injury or illness. <i>Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.</i>	Ambulance or consider air transport if at remote location. Evacuation may be DELAYED.
<input type="checkbox"/> ROUTINE-GREEN Not a life threatening injury or illness. <i>Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered Routine of Convenience.

5. TRANSPORT PLAN:

Air Transport: (Agency Aircraft Preferred) .

<input type="checkbox"/> Helispot	<input type="checkbox"/> Short-haul/Hoist	<input type="checkbox"/> Life Flight	<input type="checkbox"/> Other
Ground Transport: .			
<input type="checkbox"/> Self-Extract	<input type="checkbox"/> Carry-Out	<input type="checkbox"/> Ambulance	<input type="checkbox"/> Other

6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

<input type="checkbox"/> Paramedic/EMT(s)	<input type="checkbox"/> Crew(s)	<input type="checkbox"/> SKED/Backboard/C-Collar
<input type="checkbox"/> Burn Sheet(s)	<input type="checkbox"/> Oxygen	<input type="checkbox"/> Trauma Bag
<input type="checkbox"/> Medication(s)	<input type="checkbox"/> IV/Fluid(s)	<input type="checkbox"/> Cardiac Monitor/AED
<input type="checkbox"/> Other (i.e. splints, rope rescue, wheeled litter)		

7. COMMUNICATIONS:

Function	Channel Name/Number	Receive (Rx)	Tone/NAC *	Transmit (Tx)	Tone/NAC *
<i>Ex: Command</i>	<i>Forest Rpt, Ch. 2</i>	<i>168.3250</i>	<i>110.9</i>	<i>171.4325</i>	<i>110.9</i>
COMMAND					
AIR-TO-GRND					
TACTICAL					

*(NAC for digital radio system)

8. EVACUATION LOCATION:

Lat/Long (Datum WGS84) <i>EX: N 40 42.45' x W 123 03.24'</i>	
Patient's ETA to Evacuation Location:	
Helispot/Extraction Size and Hazards:	

9. CONTINGENCY:



Considerations: *If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead...*

REMEMBER:

**Confirm ETA's of resources ordered
Act according to your level of training
Be Alert. Keep Calm. Think Clearly. Act Decisively.**



Accident Incident within an Incident

The **Incident Commander** is responsible for overall action in case of a serious accident.

Upon occurrence of a “**MAJOR**” accident involving significant injury or fatality on the fireline, the highest qualified person on scene shall take control of the situation until the nearest **Division Supervisor** arrives on scene to assume control. Immediate and clear communication must be established between Operations and Division/Group Supervisors to determine who can arrive at the scene quickest and gain control of the situation. In the event of such an accident in camp or on incident roads on-site personnel shall take control until an **Operations Chief or Division Supervisor** arrive or **Local Law Enforcement** and or **Medical personnel** have assumed control.

The **Incident Dispatcher or Responsible Operations Individual** in charge of the accident will take immediate action to clear all radio traffic on the incident “Command Channel” by broadcasting **“Emergency Traffic Only”**, so that quick and proper coordination for handling the accident can take place.

Upon arrival at the accident scene, whoever has been designated to manage the situation (Ops or DIVS) should take immediate actions to:

- Obtain and facilitate EMT’s to the scene – notify them you are in charge.
- Co-ordinate and facilitate appropriate transportation for injured.
- Move all unnecessary personnel from the accident scene.
- Secure the scene area and identify witnesses for investigation.

The **Safety Officer** will respond immediately to the scene of the accident to assist the Operations Chief or Division/Group Supervisor and shall be responsible for initiating the proper investigation and documentation by qualified personnel.

Immediately upon notification of an accident requiring emergency action the **Medical Unit Leader and Incident Commander** shall respond to incident communications.

Plans Chief, Logistics Chief, Finance Chief and **Information Officer** shall be notified and respond to incident communications in an appropriate manner that will not significantly affect ongoing operations.

The **Logistics Chief** shall attempt to control external communication, phones and radio. All information released from the incident shall be through the incident Information Officer with the approval of the Incident Commander.

The **Plans Chief** will make contact with the Agency Administrator who will in turn contact appropriate officials of the agency. If the accident involves a fatality, the Agency Administrator will contact the Sheriff’s Office, the Coroner’s Office, and the employing agency of the victim and will find out who will contact family members. The Plans Chief will assure that an individual is assigned to document all communications regarding the accident.

At no time during the accident/fatality evacuation process will the name of the victim(s) be used.

The need of a *Critical Incident Stress Debriefing* for incident personnel will be discussed by the Core Team with input from the Medical Unit Leader, the Human Resource Specialist, and local / involved individuals. The Incident Commander will approve such debriefings.

Approved by:

Incident Commander

Date

Incident Radio Communications Plan		1. Incident Name COTTONWOOD FIRE		2. Operational Period 07/08/14 Tuesday DAY Shift 0700 - 2000		
3. Basic Radio Channel Utilization						
Radio Type	Channel	Function	Frequency/Tone		Assignment	Remarks
NIFC	1	TAC 1	RX 168.0500	TX 168.0500	CTNWOOD DIV A	
			Rx 123.0	Tx 123.0		
NIFC	2	TAC 2	RX 168.2000	TX 168.2000	CTNWOOD DIV Z	
			Rx 123.0	Tx 123.0		
NIFC	3	TAC 3	RX 168.6000	TX 168.6000	GREEK PEAK	
			Rx 123.0	Tx 123.0		
NIFC	4	TAC 4	RX 166.7250	TX 166.7250	MIDDLE RDG DIV A	
			Rx 123.0	Tx 123.0		
NIFC	5	TAC 5	RX 166.7750	TX 166.7750	MIDDLE RDG DIV C	
			Rx 123.0	Tx 123.0		
NIFC	6	TAC 6	RX 168.2500	TX 168.2500	MIDDLE RDG DIV Z	
			Rx 123.0	Tx 123.0		
NIFC	7	CMD 10	RX 170.4125	TX 165.9625	CTNWOOD FIRE	
				Tx 123.0		
NIFC	8	CMD 1	RX 168.1000	TX 170.4500	GREEK PEAK/MR FIRE	
				Tx 123.0		
NIFC	9	CMD2	RX 170.0125	TX 165.2500	MIDDLE RIDGE FIRE	
				Tx 123.0		
NIFC	10	WILSON RPT	RX 170.0250	TX 168.3750	CTNWOOD FIRE	BLM REPEATER - ELY
				Tx 151.4		
NIFC	11	A/G 1	RX 166.6750	TX 166.6750	A/G FOR GREEK PEAK	
NIFC	12	A/G 2	RX 169.1500	TX 169.1500	A/G FOR COTTONWOOD FIRE	
NIFC	13	A/G 3	RX 169.2000	TX 169.2000	A/G FOR MIDDLE RIDGE FIRE	
NIFC	14	ELLA RPT	RX 170.0250	TX 168.3750		BLM REPEATER - ELY
				Tx 186.2		
NIFC	15	WEST MTN. RPT	RX 170.0250	TX 168.3750		BLM REPEATER - ELY
				Tx 203.5		
NIFC	16	AIR GUARD	RX 168.6250	TX 168.6250	AIR GUARD	EMERGENCY USE ONLY
4. Prepared by (Communications Unit)					5. Date Prepared 07/07/14	6. Time Prepared 1306

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.	Fusee Case			
24.	Drip Torches Full ea.		47. Lightweight Pump Kit-Cache w/5 gal raw gas and 1 qt 2 cycle oil ea.	
25.	Drip Torch Mix 5 Gal.		48. Division Hose Lay Kit ea.	
			49. Sprinkler Kit (may vary by GACC) ea.	

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

0630 – 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			Sprinkler Kit (may vary by GACC)		
Item	NFES#	Quantity	Item	NFES#	Quantity
Hose 1½”	1239	1000’	Sprinkler Assembly ½”	0999	4
Hose 1”	1238	1000’	Hose, ¾” (50’)	1016	5
Hose, ¾”	1016	500’	Reducers, 1 ½” – 1”	0010	1
Tee, 1 ½” – 1”	0731	5	Reducers, 1” – ¾”	0733	4
Nozzle, 1 ½”	0137	2	Inline Tee, 1”x1”x¾”	0731	4
Nozzle, 1”	0138	6	¾” Gated “Y”	0272	2
Nozzle, ¾”	0136	12	Nozzle, ¾”	0136	1
1 ½” Gated “Y”	0231	5	Nozzle, 1 ½”	0137	1
1” Gated “Y”	2059	5	Misc hardware and supplies		
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			

GENERAL GUIDELINES FOR SUPPRESSION REHABILITATION

Introduction

The following guidelines will be used to assist in the completion of the rehabilitation efforts associated with the M.G.C. Complex (Middle Ridge, Greek, Cottonwood) fire suppression efforts.

Assigned resource advisors will be available to provide specific direction for rehabilitation activities if requested by division supervisors.

The final perimeter map will include suppression rehabilitation efforts and will be provided to host units from the incident management team during closeout.

Rehabilitation Responsibility

The Incident Commander (IC) has been delegated the responsibility to "Provide intelligence for the rehabilitation of fire suppression impacted areas (fire line, camps, helispots, fences, livestock & wildlife improvements, etc)."

The IC will ensure all rehabilitation activities are completed prior to release or pass them on to the newly assigned IC, through the Transition Plan.

Rehabilitation Standards on BLM, Nevada State Lands, and Utah State Lands

Remove any fire related flagging and trash from all hand lines, dozer lines, access routes, helispots, camps and helibases. GPS all areas of rehabilitation activity and provide to situation unit for maps.

A. Dozer Line

- GPS all dozer lines and provide back to situation unit for rehabilitation maps.
- Spread seed before moving soil or scattering vegetative debris.
- Construct water bars only when needed to prevent concentrated water flows and erosion.
- Slope water bars to drain away from the burn area.
- Resource Advisors will be available for help during implementation of dozer line rehabilitation.
- Pull berm including soil material and duff, slash, logs, downed trees, back over the mechanical line.
- Place logs, including root-balls and slash perpendicular to the line when possible.
- Maintain or restore drainage contours within the dozer line.
- Block entrances with large rocks and/or logs to prevent vehicle and OHV access.

B. Hand line Rehabilitation Standards

- GPS all hand lines and provide back to situation unit for rehabilitation maps.
- Spread seed before moving soil or scattering vegetative debris.
- Construct water bars when needed.
- Avoid foot traffic on newly constructed water bars.
- Pull berms and debris or slash back onto lines.

C. Camp Sites and Helispots/Helibases

- Spread seed before moving soil or scattering vegetative debris.
- De-compact soil in high traffic areas. Use hand tools for small areas and dozers with rippers for larger areas.

D. Special Consideration Areas

- Cottonwood Fire—Place logs in area of burned historic graves to prevent erosion. Resource advisor and archeologist will be present for placement of logs.

Rehabilitation Standards on Forest Service Lands

A. Helispots and Dip Spots

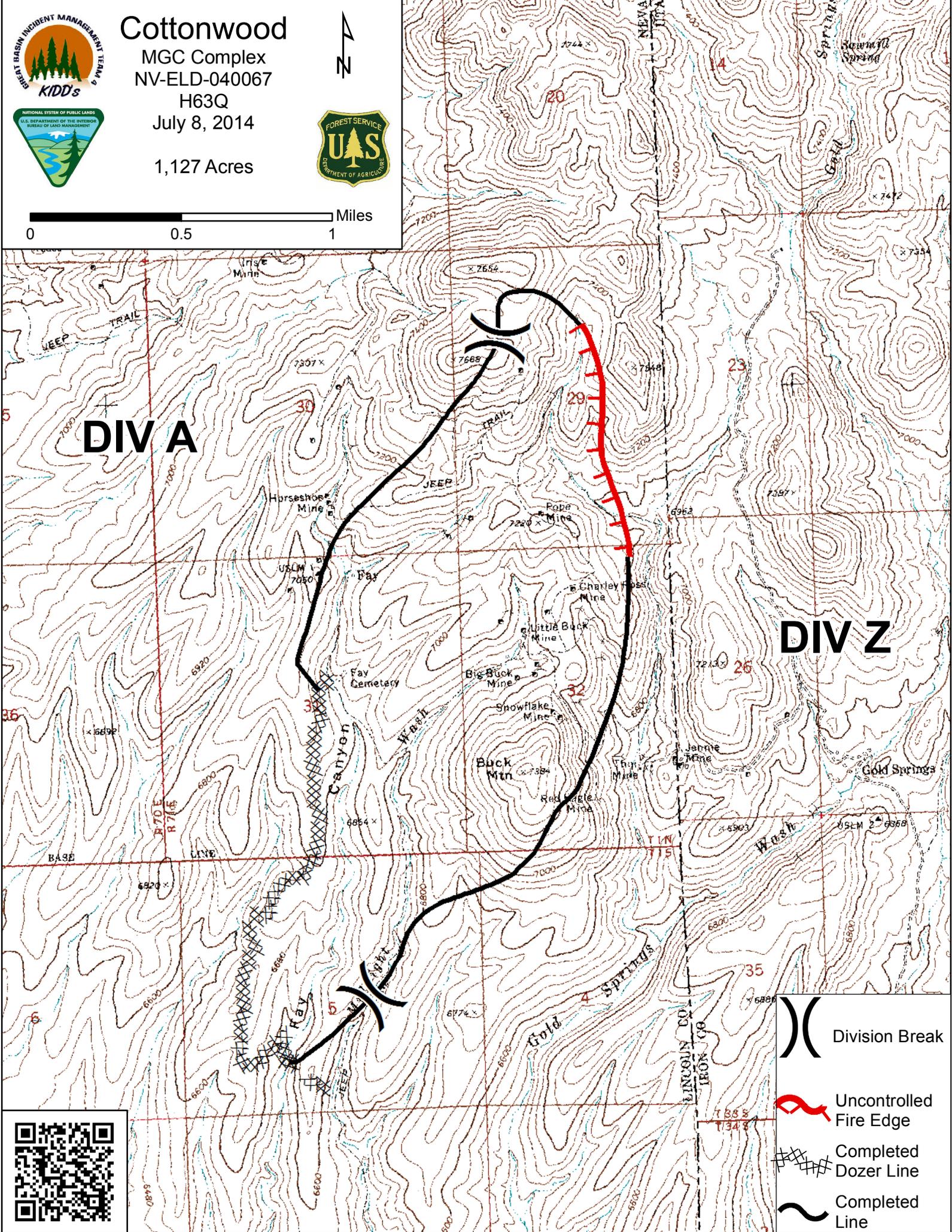
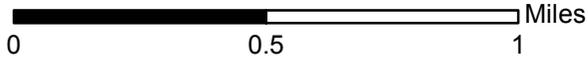
- All altered vegetation should be placed back onto the helispots to reduce erosion.
- All garbage, flagging and signage should be removed.

B. Spike Camps

- Any altered vegetation should be placed back onto the spike-camps to reduce erosion.
- All garbage and flagging should be removed.



Cottonwood
 MGC Complex
 NV-ELD-040067
 H63Q
 July 8, 2014
 1,127 Acres



-  Division Break
-  Uncontrolled Fire Edge
-  Completed Dozer Line
-  Completed Line





Greek Peak

MGC Complex

NV-ELD-040067

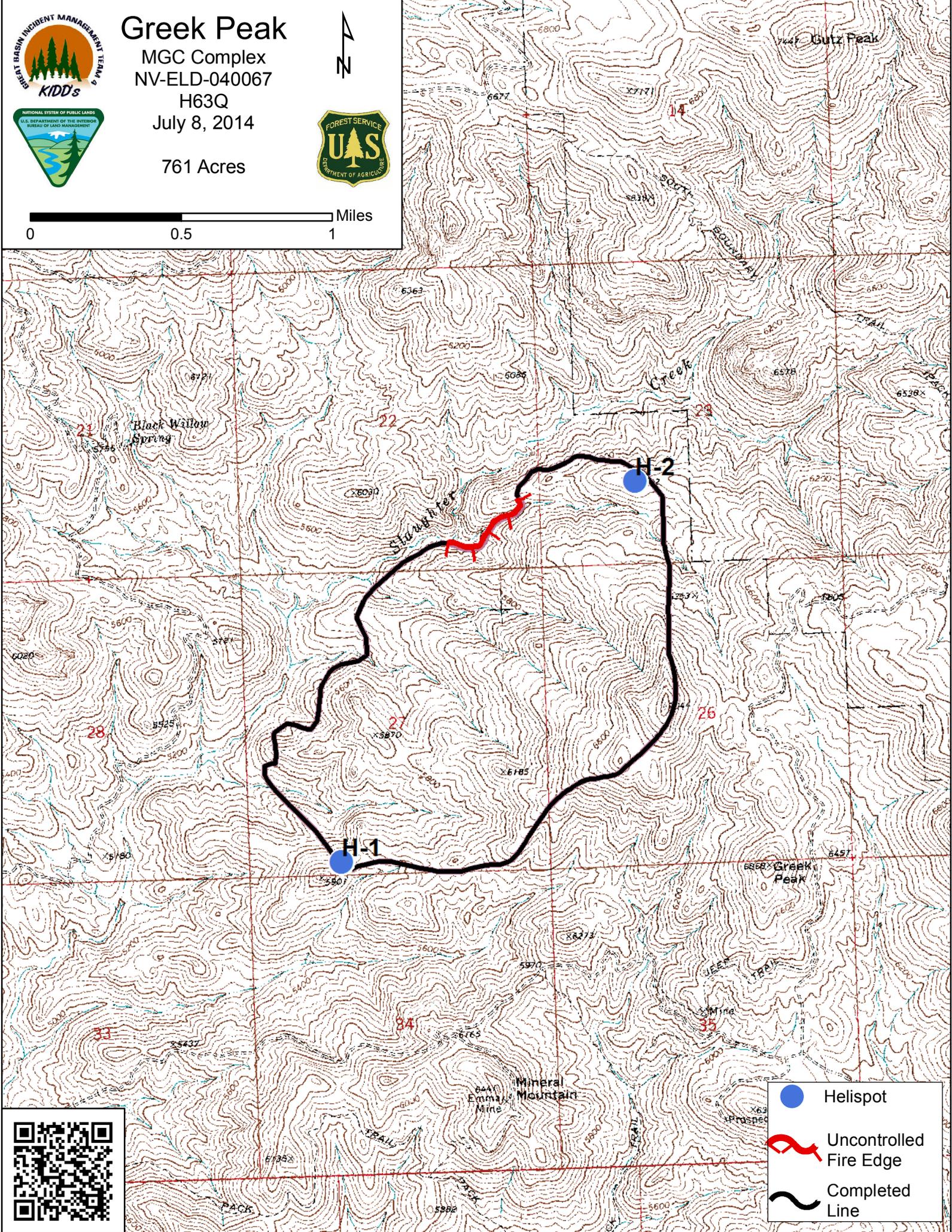
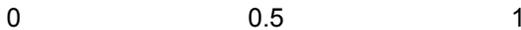
H63Q

July 8, 2014

761 Acres



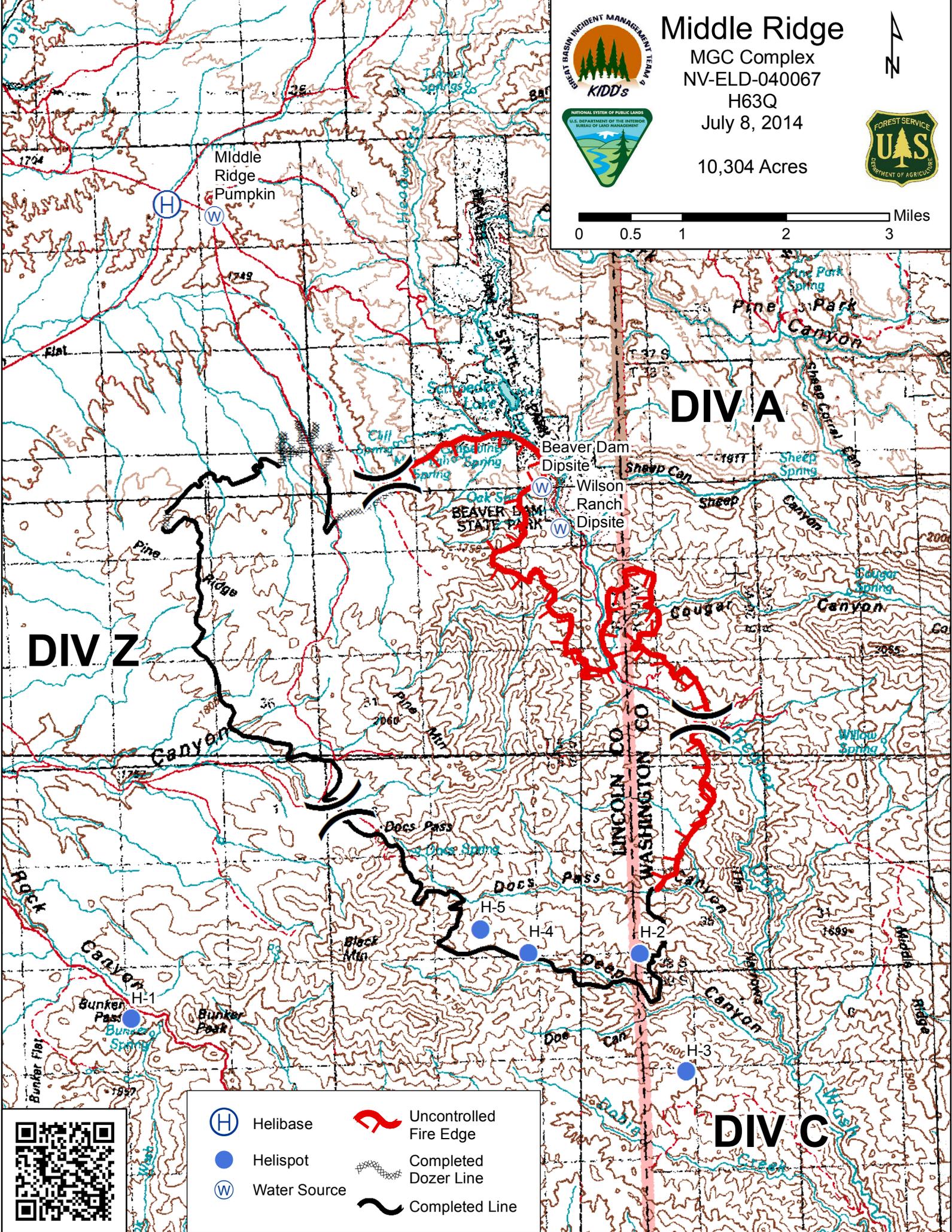
Miles



-  Helispot
-  Uncontrolled Fire Edge
-  Completed Line



Middle Ridge
MGC Complex
NV-ELD-040067
H63Q
July 8, 2014
10,304 Acres



- Helibase
- Helispot
- Water Source
- Uncontrolled Fire Edge
- Completed Dozer Line
- Completed Line