

Incident Action Plan

Marble Fire

CA-SRF-000703

P5K7AX17 (0510)




SUNDAY

DAY SHIFT

07/23/17

0600 - 1800

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name:		2. Operational Period: DAY	
MARBLE		Date/Time From: 07/23/2017 0600 SUN	Date/Time To: 07/23/2017 1800 SUN
3. Incident Commander(s) and Command Staff:			
IC/UC	RICK YOUNG	7. Operations Section:	
DEPUTY	DAREN DALRYMPLE	DAY OPS SECTION CHIEF	ERIC PETTERSON BILL KOUCHE (T)
SAFETY OFFICER	STEVE DAVIS / TERRY O'CONNELL / FRANK PINGICZER	NIGHT OPS SECTION CHIEF	SCOTT LUCAS
INFORMATION OFFICER	ADRIENNE FREEMAN MIKE THEUNE	PLANNING OPS	DAN GEORGE / HEATHER MCRAE (T)
LIAISON OFFICER	TIM FIKE / KIP MORRILL (T)	STAGING AREA	
4. Agency/Organization Representative(s):			
Agency/Organization	Name		
SRF AGENCY ADMIN	NOLAN COLEGROVE / MICHAEL GREEN (T)	DIVISION/GROUP A	TOM BROWNING TERRY LIM (T)
DESIGNATED TRIBAL REP	EARL CROSBY	DIVISION/GROUP M	SHELPLEY SCHROTH-CARY JASON POWERS (T)
RESOURCE ADVISOR	JENNIFER DYER	DIVISION/GROUP Z	STEVE RAYMER LOGAN SANDERS (T)
5. Planning Section:			
CHIEF	JEFF BUSCHER	DIVISION/GROUP ROAD	JOHN FELL
DEPUTY		7b. Air Operations Branch:	
RESOURCES UNIT	DUANE MILLER	AIR OPS BRANCH DIRECTOR	DENNIS KUSTER
SITUATION UNIT	MATT BROWN / RYAN WAKEFIELD (T)	AIR SUPPORT SUPERVISOR	STACI DICKSON
DEMOBILIZATION UNIT	ROBERTA LIM / MIKE DUNKEL (T)	HELICOPTER COORDINATOR	
FIRE BEHAVIOR ANALYST	MATT BROWN	AIR TANKER COORDINATOR	
TRAINING SPECIALIST	BRAD SMITH GINESSA STARK (T)	8. Finance/Administration Section:	
GIS SPECIALIST	MEL ROSSI MARK GRUPE	CHIEF	BETH LOPEZ
TECHNOLOGY SUPPORT SPECIALIST	SHANE NEAL / ZACH SOHL	TIME UNIT	PENNY PORTLOCK
CHECK-IN RECORDER	HEATHER ARGO (T)	EQUIPMENT TIME	JUANITA CORTEZ
6. Logistics Section:			
CHIEF	JACK COSTELLO	COMPENSATION UNIT	TINA KENNEDY
DEPUTY	MIKE HECKENDORN	COST UNIT	SAM RAPPHAHN
SUPPLY UNIT	MANI BOSLAUGH		
FACILITIES UNIT	RICK CROWTHERS BILL PATTEN		
GROUND SUPPORT UNIT	JOHN FELL / MERLE DRUCKER		
COMMUNICATIONS UNIT	DON STONER		
MEDICAL UNIT	PAT YOUNG		
FOOD UNIT	KEVIN BROWNING SEAN CAYWOOD		
ORDERING	MARK ALLEN		
9. Prepared By: Name: DUANE MILLER Position/Title: RESL Signature: 			
ICS 203	IAP Page	Date/Time: 07/22/2017 2030	

Spot Forecast for Marble Fire...USFS
National Weather Service Eureka CA

GUSTY NORTHEAST WINDS AND POOR RH RECOVERY AGAIN TONIGHT
ALONG UPPER SLOPES AND RIDGES OF ZONES 203 and 204...

..
ISOLATED THUNDERSTORMS POSSIBLE SUNDAY AFTERNOON AND EVENING
FOR ZONES 203...204...211...and 283...

DISCUSSION...Weak offshore flow continues tonight and early Sunday morning...then a transition to a more unstable airmass is expected Sunday afternoon. Similar conditions tonight with fair to good along the lower slopes and drainages but mid slope and ridges above 2500 ft will see much poorer recoveries followed by another warm and dry day Sunday. The airmass changes late Sunday as an upper-level low will bring the possibility for mainly dry thunderstorms Sunday afternoon and evening. Best chances of thunderstorms should stay focused east of the fire area...but cumulus build up will likely be observed and cannot rule out at least a chance of lightning near by. The threat of lightning continues Monday and Tuesday but these storms should be more of the wet variety. Drier westerly flow aloft will develop around the middle of next week, ending the thunderstorm threat.

SUNDAY...

Sky/weather.....Sunny early then increasing cumulus in the afternoon. Slight chance of showers and thunderstorms in the afternoon.
CWR.....5 percent.
LAL.....1, then 2 in the afternoon.
Max temperature.....98 to 104 drainages...85 to 90 upper slopes and ridges.
Min humidity.....15 to 20 percent.
Wind (20 ft).....Downslope or Northeast winds 5 to 8 mph early. Winds becoming upslope or west in the afternoon 5 to 8 mph with gusts to 12 mph likely along hwy 96. Gusty and erratic winds possible near thunderstorms in the afternoon.
Mixing height.....200-1000 ft AGL increasing to 6800 ft AGL late in the afternoon.
Transport winds.....Northeast 10 mph.

SUNDAY NIGHT...

Sky/weather.....Partly cloudy. Slight chance of showers and thunderstorms in the evening.
CWR.....5 percent.
LAL.....2, then 1 after midnight.
Min temperature.....60 to 65.
Max humidity.....60 to 70 percent.
Wind (20 ft).....North winds 5 mph in the evening...becoming variable 2 to 5 mph. Gusty and erratic winds expected near thunderstorms in the evening.
Mixing height.....6800 ft AGL decreasing to 200-600 ft AGL late in the evening.
Transport winds.....Northeast 7 mph.

MONDAY...

Sky/weather.....Partly cloudy. Slight chance of showers and wet thunderstorms in the afternoon.

CWR.....1 percent.

LAL.....1, then 2 in the afternoon.

Max temperature.....Around 94.

Min humidity.....23 percent.

Wind (20 ft).....Variable 2 to 5 mph...becoming north 5 mph in the afternoon. Gusty and erratic winds expected near thunderstorms in the afternoon.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 005

TYPE OF FIRE: Wildfire Full Suppression

FIRE NAME: Marble

OPERATIONAL PERIOD: 7-23-17 Day Shift

DATE ISSUED: 7-23-17

TIME ISSUED: 0600

UNIT: CA-SRF

SIGNED: Matt Brown

Typed/printed: Matt Brown LTAN(t)

INPUTS

WEATHER SUMMARY:

High Temperatures of 98-104. Winds N to NE 5-8 with gusts up to 12 in the morning then turning upslope or West in the afternoon.

Minimum humidity of 15-20%. Overnight humidity recovery 35% at the ridgetops... poor recovery.

Gusty North winds are expected to continue and test containment lines early in the operational period then conditions are expected to become more **unstable**. As cumulus build-up impacts the fire area, expect gusty conditions with strong outflow winds to develop. Although the most of the lightning is expected to stay east of the fire area the Weather Service cannot completely rule out the possibility of dry lightning. LAL=2.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

The fire is burning in an area with little to no recorded recent fire history. The dead fuel inventory is substantial. The fires spread is primarily due to terrain winds, abundant dead fuels, and slightly below average 1000 hr fuel moisture. Dead fuels continue to support combustion and contribute to short range spotting. With the exception of some Oak species, most live fuel moistures are above average although trending toward average. 1000hr FM have reached the 90th percentile.

SPECIFIC:

East, NE, and upper elevations of the fire will experience favorable winds as the offshore flow develops. Continued favorable conditions as down slope winds combine with the off shore flow in the morning. Expect wind battles at the higher elevations as terrain winds increase and move upslope in the afternoon. Expect green islands to retain some heat and possibly spot across containment lines as low humidity will keep most small class fuel receptive. Any spotting will be less than ¼ mile.

Lower elevations and more western sides of the fire will experience adverse winds with the development of the offshore flow. These areas will receive a better humidity recovery; however, it will be lowest of the week. The offshore flow will usually be the strongest in the morning and combine with the normal downslope winds. Containment will be tested in DIV A/Z if these winds are able to mix down to lower elevations. In the afternoon, winds will turn favorable, terrain driven and upslope.

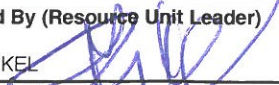

AIR OPERATIONS:

Visibility will be good early in the operational period. Smoke dispersion will be to the NNE with transport winds reaching 10 mph. Mixing height will vary throughout establishing at 200-1000 ft in the morning and increasing to 6500 feet in the afternoon. NE flow is expected to develop after sundown.

SAFETY

The RH recovery was poor in upper elevations. Dead fuels will smolder throughout the night in most locations. This may have pre-conditioned the canopy for some uphill runs in aligned drainages during the operational period. Take time to monitor burning conditions and communicate concerns where overnight burning conditions have created unsafe areas of scorched fuels and re-burn potential. Watch for green trees to fall. Intense ground and surface fire may have weakened root structures. **Outflow winds from cumulus formations can impact the entire fire perimeter.** Any impact will increase the fires chance of spotting across the line. Long range spotting, high flame lengths and rapid rates of spread may result from these outflow winds. Watch the sky and plan mitigations that will account for a significant increase in fire behavior.

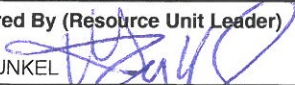
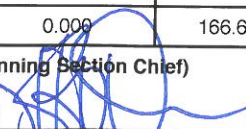
Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
MARBLE			Branch:		Division/Group:	
2. Operational Period: DAY					A	
Date/Time From: 07/23/2017 0600 SUN		Date/Time To: 07/23/2017 1800 SUN				
4. Operations Personnel						
OPERATIONS CHIEF		ERIC PETERSON BILL KOUCHE (T)		DIVISION/GROUP SUPERVISOR		TOM BROWNING TERRY LIM (T)
BRANCH DIRECTOR				AIR OPERATIONS BRANCH DIRECTOR		DENNIS KUSTER
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 UKONOM C-7		08/01	NATE NELMS	21	DP 92/0700	1800/
HC2IA BLACK EAGLES C-10			WESTON GAUL	22	DP 92/0700	1800/
ENG3 4660C E-7		08/02	MARK LONGSHORE	27	DP 92/0700	1800/
DOZ2 SRF E-77		08/02	JAY DILLON		DP 92/0700	1800/
WT2 HORN E-9		08/03	BURT KING	1	DP 92/0700	1800/
WT2 HORN E-10		08/03	CHRIS WILSON	1	DP 92/0700	1800/
TFLD O-15		08/02	ABEL MATTSON		DP 92/0700	1800/
TFLD (T) O-14		08/02	JESSE PARRY	1	DP 92/0700	1800/
SOFR O-38			STEVE FEMMELL		DP 92/0700	1800/
FEMP O-40		08/03	BRANDON WHITNEY	1	DP 92/0700	1800/
FEMT O-23		08/03	KERRICK SOLLESNES	1	DP 92/0700	1800/
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> Hold and patrol existing control lines from the DIV A / M break. Mop-up to the extent necessary to minimize the probability of escape while ensuring personnel safety. 						
7. Special Instructions:						
<ul style="list-style-type: none"> Backhaul all trash and equipment. 						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency NW	RX Tone/NAC	TX Frequency NW	TX Tone/NAC	Mode
COMMAND	2	166.6125 N	0.000	168.4000 N	136.5	A
TACTICAL	3	168.0500 N	0.000	168.0500 N	0.000	A
A / G CMD	8	169.1500 N	0.000	169.1500 N	0.000	A
A / G TAC	9	166.6750 N	0.000	166.6750 N	0.000	A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
MIKE DUNKEL 			JEFF BUSCHER 		07/22/2017	2030

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
MARBLE			Branch:		Division/Group:	
2. Operational Period: DAY					M	
Date/Time From: 07/23/2017 0600 SUN			Date/Time To: 07/23/2017 1800 SUN			
4. Operations Personnel						
OPERATIONS CHIEF		ERIC PETTERSON BILL KOUCHE (T)		DIVISION/GROUP SUPERVISOR		SHEPLEY SCHROTH-CARY JASON POWERS (T)
BRANCH DIRECTOR				AIR OPERATIONS BRANCH DIRECTOR		DENNIS KUSTER
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC2IA GFP C-9		08/04	BRANDON CAMPBELL	20	DP 10 /0700	1800/
ENG4 9532 E-4		08/01	LYLE MCKINNON II	6	DP 10 /0700	1800/
WT2T E-81		08/01	SUSAN MCCULLOCH	1	DP 10 /0700	1800/
FOBS O-36		08/03	JERE MILLER	1	DP 10 /0700	1800/
FOBS (T) O-87		08/03	EAMON ENGBER	1	DP 10 /0700	1800/
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> Hold and patrol constructed line between DIV A & Z. Mop-up to the extent necessary to minimize the probability of escape while ensuring personnel safety. 						
7. Special Instructions:						
<ul style="list-style-type: none"> Backhaul all trash and equipment. 						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	2	166.6125 N	0.000	168.4000 N	136.5	A
TACTICAL	5	168.6000 N	0.000	168.6000 N	0.000	A
A / G CMD	8	169.1500 N	0.000	169.1500 N	0.000	A
A / G TAC	9	166.6750 N	0.000	166.6750 N	0.000	A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
MIKE DUNKEL			JEFF BUSCHER		07/22/2017	2030

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
MARBLE			Branch:		Division/Group: Z	
2. Operational Period: DAY						
Date/Time From: 07/23/2017 0600 SUN		Date/Time To: 07/23/2017 1800 SUN				
4. Operations Personnel						
OPERATIONS CHIEF		ERIC PETTERSON BILL KOUCHE (T)		DIVISION/GROUP SUPERVISOR		STEVE RAYMER LOGAN SANDERS (T)
BRANCH DIRECTOR				AIR OPERATIONS BRANCH DIRECTOR		DENNIS KUSTER
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC2IA DIAMOND FIRE C-6		08/02	LARRY ECKELMAN		DP 42/0700	1800/
ENG4 9541 E-2		08/01	DERRICK BRANHAM	4	DP 42/0700	1800/
DOZ1 KNF E-5		08/03	LANCE TUPMAN	2	DP 42/0700	1800/
WT2 KISER E-12					DP 42/0700	1800/
EMPF O-22		08/03	RON SANDLER	1	DP 42/0700	1800/
FEMT O-43		08/03	BRENT WEBER	1	DP 42/0700	1800/
6. Control Operations/Work Assignments:						
<ul style="list-style-type: none"> • Hold and patrol constructed line between HWY 96 and Bald Butte. • Mop-up to the extent necessary to minimize the probability of escape while ensuring personnel safety. 						
7. Special Instructions:						
<ul style="list-style-type: none"> • Backhaul all trash and equipment. 						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	2	166.6125 N	0.000	168.4000 N	136.5	A
TACTICAL	6	166.7250 N	0.000	166.7250 N	0.000	A
A / G CMD	8	169.1500 N	0.000	169.1500 N	0.000	A
A / G TAC	9	166.6750 N	0.000	166.6750 N	0.000	A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
MIKE DUNKEL 			JEFF BUSCHER 		07/22/2017	2030

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.				
MARBLE			Branch:		Division/Group:		
2. Operational Period: DAY							
Date/Time From: 07/23/2017 0600 SUN		Date/Time To: 07/23/2017 1800 SUN		ROAD GROUP			
4. Operations Personnel							
OPERATIONS CHIEF		ERIC PETTERSON / BILL KOUCHE		BRANCH DIRECTOR			
DIVISION/GROUP SUPERVISOR		JOHN FELL		AIR OPERATIONS BRANCH DIRECTOR		DENNIS KUSTER	
5. Resources Assigned this Period							
Strike Team / Task Force / Resource Designator		LWD	Leader		Number Persons	Drop Off PT./Time	Pick Up PT./Time
WT2 PVT E-71		08/04	WAYNE VIRAG		1	ICP /0700	1800/
WT2 PVT E-72		08/04	RICK RESH		1	ICP /0700	1800/
WT2 PVT E-73		08/04	STAN CARGO		1	ICP /0700	1800/
EQPI O-69		08/04	JERRY OVERTON		1	ICP /0700	1800/
6. Control Operations/Work Assignments:							
<ul style="list-style-type: none"> • Maintain and water roads as needed. 							
7. Special Instructions:							
<ul style="list-style-type: none"> • Backhaul all trash and equipment. 							
8. Division/Group Communication Summary							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND	2	166.6125 N	0.000	168.4000 N	136.5	A	
TACTICAL	7	166.7750 N	0.000	166.7750 N	0.000	A	
A / G CMD	8	169.1500 N	0.000	169.1500 N	0.000	A	
A / G TAC	9	166.6750 N	0.000	166.6750 N	0.000	A	
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time	
MIKE DUNKEL			JEFF BUSCHER		07/22/2017	2030	

AIR OPERATIONS SUMMARY

Prepared By: Dennis Kuster

Prepared Date: 7/22/2017

Prepared Time: 20:00

1. INCIDENT NAME: Marble	2. OPS PERIOD DATE: 7/23/2017	START TIME: 0800	END TIME: 2100	SUNRISE: 0602	SUNSET: 2043
3. REMARKS (Safety Notes, Hazards, Air Operations, Special Equipment, etc.): Watch for wires in river canyon. Beware of rapidly changing VFR conditions due to smoke No fly zone near Sugarloaf. 41 38.695, 123 49.637. 5 Miles. Until 7/25.					
			4. READY ALERT AIRCRAFT MEDEVAC 503 I.A. - 503		
			5. TFR #: 7/3892		

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD	Dennis Kuster	209 352-0855	AIR/ AIR FW		167.950	AIRTANKERS - Ordered by ATGS
ASGS	Staci Dickson	530-277-5153	AIR/ AIR RW	118.025		LEAD PLANES- Ordered by ATGS
ATGS	Derek Wheeler		AIR/ AIR RW- TFR			05
ASGS			A/G Command		169.150	
			A/G Tactical		166.6750	
HEB1	Bill Lampert		COMMAND	rx	Plan	SRF ECC Aircraft Dispatcher 707-726-1266
HEB2			DECK	tx		OTHER FW AIRCRAFT-
Scott Valley	Helibase	530-468-1294	TOLC		163.100	
Air Ops Desk			AERIAL FIRING			

9. HELICOPTERS (Use Additional Sheets as Necessary)

FAA N#	T	Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T	Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
502	2		Bell 205A1++		0900	0900									
4TH	1		Kamax		0900	0900									
503	3		Bell 407		0900	0900									

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) or instructions for tactical aircraft	MISSION START	FLY FROM	FLY TO
Water Dropping		As Needed		
Recon				

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	DANGER TREES	<ul style="list-style-type: none"> Follow "Hazard Tree Safety" guidelines, IRPG pages 22. Post lookouts, or use a spotter in mop-up areas with personnel. Don't park vehicles or take breaks in high concentrations of hazard trees. Establish trigger points for disengagement during high wind events".
ALL	TRAFFIC & DRIVING	<ul style="list-style-type: none"> Practice "Defensive Driving" techniques. Use spotters when backing. Always use headlights. Use warning lights when working on roads or traveling in smoke.. Many roads are narrow and mid slope, use caution. Some roads are dead end with poor turn around, scout roads first. Keep speeds down on Hwy 96, road is rough in spots.
DIV A, Z	STRUCTURE PROTECTION	<ul style="list-style-type: none"> Ensure LCES is in place Review Structure Protection; IRPG pages 12-16 Do not commit to stay on a structure unless the area around the structure represents an adequate safety zone Set trigger points to disengage and allow adequate time to relocate to primary and secondary safety zones Look for propane tanks and other hazardous materials
ALL	THUNDERSTORMS	<ul style="list-style-type: none"> Follow the thunderstorm safety procedures in the IRPG p.21 Observe the 30/30 rule, see lightning, hear thunderclap <30 seconds, take precautions Take shelter in vehicles if possible If outdoors, find low spot away from tall trees.
ALL	STEEP TERRAIN & ROLLING DEBRIS	<ul style="list-style-type: none"> Maintain 8'-10' spacing when working & walking. Don't work above any personnel. Evaluate necessity to send personnel in areas with limited access.
ALL	ENVIRONMENTAL HAZARDS	<ul style="list-style-type: none"> Keep alert for wildlife, rattlesnakes, insects, and plants. Watch footing and hand placement around rocks. Personal hygiene is #1 when it comes to Poison Oak Prevention.
ALL	AIR OPERATIONS	<ul style="list-style-type: none"> Follow " Aviation Watch-Out Situations" on page 44, IRPG. Don't plan on air resources for medical transport or resupply. Refer to page 57, IRPG for directing bucket drops. Ensure positive communication with all air resources.
ALL	HEAT RELATED ILLNESS (HRI) & DEHYDRATION	<ul style="list-style-type: none"> Drink 2 to 1 water to sports drinks. Take frequent breaks, minimum of 10 minutes every hour. Recognize symptoms of HEAT RELATED ILLNESS which include; Lack of energy, Headaches, dizziness, lack of rest, no hunger, poor eating habits, hot skin, and lack of sweating
DIV A/Z	HEAVY EQUIPMENT OPERATIONS	<ul style="list-style-type: none"> Ensure communications are established with operators. Use hand signals if other communications are unavailable. Maintain a 50'-100' exclusion area around equipment. Use a spotter when backing.
INCIDENT NAME MARBLE ICS 215a		DATE PREPARED: <p style="text-align: center;">July 22, 2017</p> TIME PREPARED: 1600 HOURS
		OPERATIONAL PERIOD Day Shift 07/23/17 0600-1800 Prepared by: T. OConnell, Steve Davis Frank Pingiczer

[Handwritten Signature] HOU CA 2

Lookouts
Communications
Escape Routes
Safety Zones

Marble Incident

Operation Period: 07/23/2017 Day Shift

SAFETY MESSAGE

Mop Up is Hazardous Work!

- Injury and accidents are common during the mop up phase.
- Gather situational awareness in your work area and communicate it.
- Reduce risk by identifying and mitigating hazards.
- Stay focused on task, don't let the routine nature of the assignment allow your mind to wander resulting in a loss of situational awareness.
- Take frequent breaks, stay hydrated, and manage fatigue.

MAJOR HAZARDS AND RISKS

STEEP TERRAIN FATIGUE SPOT FIRES	ROLLING MATERIAL DEHYDRATION BUCKET DROPS	HEAVY EQUIPMENT HAZARD TREES COMPLACENCY
--	---	--

Be sure all elements of your safety plan are in place prior to engagement

Situational Awareness

Help maintain your Situational Awareness by doing the following:

- Constantly observing your environment.
- Interpret and process information received.
- Sharing information by discussing the situation.

Hazard Tree Safety


Inspect area for hazard trees before starting work. Are there trees that have been falling, leaning, hung up, or have broken tops? Are there high risk species? How long has the fire been burning in the area?

Identify hazards and fell or avoid the hazard and flag.

Take down hazard trees only with qualified sawyers and then only if necessary.

MEDICAL PLAN	1. INCIDENT NAME Marble Fire	2. DATE PREPARED 07/22/17	3. TIME PREPARED 2000	4. OPERATIONAL PERIOD 07/23/17 0600-1800				
5. INCIDENT MEDICAL AID STATIONS								
MEDICAL AID STATIONS	LOCATION	PARAMEDICS						
		YES	NO					
Medical Unit	ICP	X						
Mountain Medics Trailer	ICP	X						
Mountain Medics Ambulance 1	DP 92	X						
FEMP Whitney and FEMT Sollesnes	Division A	X						
FEMP Sandler FEMT Weber	Division Z	X						
6. TRANSPORTATION								
A. AIR RESOURCES								
NAME	LOCATION	PHONE	PARAMEDICS					
			YES	NO				
Reach and PHI	Redding, CA	C4	x					
CHP H- 14 and H16	Redding, CA	C4		x				
Cal Fire H-102	Kneeland, CA	C4		x				
B. INCIDENT AMBULANCES								
NAME	LOCATION	PARAMEDICS						
		YES	NO					
Hoopaa Ambulance	535 Airport Rd. Hoopa, Ca.	x						
Happy Camp Ambulance	38 Park Way, Ca.							
Arcata-Mad River Ambulance	220 F St. Arcata, Ca.	x						
7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
St, Joseph Hospital (Level 3) N 40' 47.088 W 124' 08.597	2700 Dolbeer St. Eureka, Ca 95501	20 Min	2 Hr	707-442-8646	x			x
Mad River Hospital N 40' 53.217 W 124' 05.456	3800 Janes Road Arcata, Ca	15 Min	2 Hr	707-822-3621	x			x
Mercy Medical Center (Level 2) N 40' 34.290 W 122' 23.130	2175 Rosaline Ave Redding, Ca	1 Hr	2.5hr	530-225-6000	x			x
UC Davis (Level1 Trauma) N 38' 33.170 W 121' 27.050	2315 Stockton Blvd Sacramento, CA	1.5 Hr	5 Hr	916-734-3636 Burn Unit 916-734-3790 ER	x		x	
8. MEDICAL EMERGENCY PROCEDURES								
IN-CAMP CARE				LINE EMERGENCIES				
<ul style="list-style-type: none"> • Minor Injuries or illnesses <ul style="list-style-type: none"> • Seek Aid directly at the Mountain Medic's Unit, report all injuries or illnesses to supervisor • Unit Open 0600 hrs to 2200 hrs • Moderate to Severe Injuries or Illnesses <ul style="list-style-type: none"> • Contact Communications directly • Med Unit staffed after hours for Emergencies 				<ul style="list-style-type: none"> • Start of shift: notify your Div Sup of EMT's/Paramedic's and Medical gear carried by crew • Crew Supervisor contacts Division with Nature of Emergency. • Division Supervisor contact's Communications and declare a medical emergency on command • Closest DIVS or designee responds to incident <ul style="list-style-type: none"> • Closest SOFR/EMT's respond to assist w/care • Use attached Injury or Incident Comm. Protocol • If ambulance (ground or air) delayed designate rendezvous site and move towards it • Secure scene for investigation—keep a log 				
ICS 206 8-78	9. PREPARED BY (MEDICAL UNIT LEADER) Patrick Young MEDL	10. REVIEWED BY (SAFETY OFFICER) Steve Davis SOF ' 2						

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name:		2. Date/Time Prepared:		3. Operational Period: DAY						
MARBLE		Date: 07/22/2017	Time: 1917	Date/Time From: 07/23/2017 0600	Date/Time To: 07/23/2017 1800	SUN	SUN			
4. Basic Radio Channel Use:										
Zone Group	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode (A, D, or M)	Remarks
	CH 1	COMMAND	FOREST RPT	ALT CMD	172.3750 N	0.000	164.1750 N	167.9	A	T7 UKONOM 167.9, T5 ORLEANS 146.2
	CH 2	COMMAND	C4	CMD	166.6125 N	0.000	168.4000 N	136.5	A	T4 UKONOM MT 136.5
	CH 3	TACTICAL	NIFC T1	DIV A	168.0500 N	0.000	168.0500 N	0.000	A	
	CH 4	TACTICAL	NIFC T2	I / A	168.2000 N	0.000	168.2000 N	0.000	A	
	CH 5	TACTICAL	NIFC T3	DIV M	168.6000 N	0.000	168.6000 N	0.000	A	
	CH 6	TACTICAL	NIFC T5	DIV Z	166.7250 N	0.000	166.7250 N	0.000	A	
	CH 7	TACTICAL	NIFC T6	ROAD GRP	166.7750 N	0.000	166.7750 N	0.000	A	
	CH 8	AIR TO GROUND	A/G CMD	ALL DIVISIONS	169.1500 N	0.000	169.1500 N	0.000	A	A/G COMMAND
	CH 9	AIR TO GROUND	A/G TAC	ALL DIVISIONS	166.6750 N	0.000	166.6750 N	0.000	A	A/G TACTICAL
	CH 10								A	
	CH 11								A	
	CH 12								A	
	CH 13								A	
	CH 14								A	
	CH 15	TACTICAL	CALCORD	MEDICAL	156.0750 N	156.7	156.0750 N	156.7	A	MEDICAL EVAC TONE 6
	CH 16	AIR GUARD	AIR GUARD	ALL DIVISIONS	168.6250 N	0.000	168.6250 N	110.9	A	AIR GUARD EMERG USE ONLY TONE 1
5. Special Instructions:										
6. Prepared By (Communications Unit Leader)				Name: DON STONER		Signature: 		Date/Time: 07/22/2017 1917		
ICS 205				IAP Page						

DRAFT

TRAINING SPECIALIST MESSAGE

All Training Documentation Packages must be “closed out” with the TNSP no later than Today, July 23rd by 2000 Hrs.

Beat the Rush!

If as much work has been completed in your Position Task Book as possible on this incident, you are welcome to complete your documentation package with the TNSP prior to DEMOB

Bring the following to the Training Closeout:

- Completed work in your Task Book
- Completed Performance Evaluation (ICS 225)
- Trainee Exit Interview

Forms are available at the TNSP Desk

Brad Smith
Ginessa Stark (t)

Training Specialists

NorCal 2 Division Fireline Order Form

Date & Time Order was placed	Order # (DIVS + #)	MODE OF DELIVERY	LOCATION OF Delivery
Current Date and Time:		GROUND SUPPORT	DIV, DP, LZ Lat Long
DATE NEEDED:		PICK UP IN SUPPLY	
TIME NEEDED:		HELO	

Order received in COMMUNICATIONS by:	Name:	Time:
Order Received in SUPPLY by:	Name:	Time:
Order shipped by Transportation or PU in Suppl	Name:	Time:

PLEASE ORDER BY ITEM NUMBER

#	Item 1 - IS the following: (i.e. if you need 3000' of hose & appliances, = 3 Hose Kit A's" or 3 item # 1's
1	'1,000 Foot Hose Lay' and includes: 10ro 1½" Hose; 10ro 1" Hose; 10ea 1½" Gated Wyes; 10ea 1½" to 1" reducers; 10ea 1" nozzles

#	Item	<u>Amount</u>	#	Item	<u>Amount</u>
1	Hose Kit A				
2	Hose (100'), 1½"		28	Fuses (Boxes or Cases?)	
3	Hose (100'), 1"		29	Batteries "AA" PKGs (24/PKG)/BX	
4	Hose (50') garden, ¾"		30	Ribbon, Flagging (Specify Color)	
5	Nozzle, KK Type, 1½"		31	Shovel	
6	Nozzle, KK Type, 1"		32	Pulaski	
7	Nozzle, Forester, 1"		33	Combi Tool	
8	Nozzle, Garden, ¾"		34	McCloud	
9	Wye, Gated, 1½"		35	Washcloth, waterless, cleansing	
10	Wye, Gated, 1"		36	Sprinkler Kit	
11	Wye, Gated, ¾"		37	Mop-Up Kit, 3-Wand	
12	Inline-Tee, (1½" x 1")		38	Chainsaw Kit / {accountability #}	
13	Reducer, 1½"x 1"		39	Water, Cubies	
14	Reducer, 1"x ¾"		40	Water, Bottled, Cases	
15	Shut Off ¾"		41	Gatorade, Cases	
16	Foam 5 gal		42	MRE's (12/BX)	
17	Backpack Pump			ANYTHING NOT LISTED ABOVE:	
18	Pumpkin 1500 / 3000 / 6000 gal order size				
19	Folding-Tank 1000 / 1500 gal order size				
	<u>PUMP KITS</u>				
20	Lightweight / {accountability #}				
21	Mark III / {accountability #}				
22	Fuel Unleaded (5 Gal cans)			ACCOUNTABILITY PROPERTY #'S HERE:	
23	Fuel Drip Torch (5 gal cans)				
24	Fuel Diesel (5 gal cans)				
25	2 Cycle oil (Pints)				
26	Bar Oil (Qts)				
27	Drip Torch (ea)				

SPECIAL NOTES:

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		Describe the injury (Ex: Broken leg with bleeding)
Incident Name		Geographic Name + "Medical" (Ex: Trout Meadow Medical)
Incident Commander		Name of IC
Patient Care		Name of Care Provider (Ex: EMT Smith)

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: What caused the injury?			
Lat/Long (Datum WGS84) Ex: N 40° 42.45' x W 123° 03.24'			

4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> URGENT-RED Life threatening injury or illness. Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.	Ambulance or MEDEVAC helicopter. Evacuation need is IMMEDIATE.
<input type="checkbox"/> PRIORITY-YELLOW Serious Injury or illness. Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.	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. Ex: Sprains, strains, minor heat-related illness.	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
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Ground Transport:

<input type="checkbox"/> Self-Extract	<input type="checkbox"/> Carry-Out	<input type="checkbox"/> Ambulance	<input type="checkbox"/> Other
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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)		

8. EVACUATION LOCATION:

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

9. CONTINGENCY: