

Motor Fire

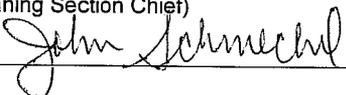
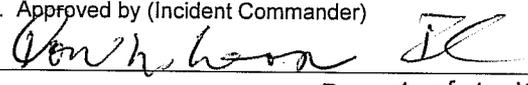
CA-SNF-2119

P5GCC6 (0515)

08/29/11

Night Shift

1800 – 0600

Incident Objectives	1. Incident Name MOTOR	2. Date Prepared 08/29/11	3. Time Prepared 0905
4. Operational Period 08/29/11 Monday Night Shift 1800 - 0600			
5. General Control Objectives for the incident (include alternatives) <p>*Provide for firefighter and public safety first and foremost.</p> <p>*Protect structures along the Merced River Corridor.</p> <p>*Keep public, cooperating agencies, and local community representatives informed of fire progress.</p> <p>*Protect cultural and historic resources by using resource advisors.</p> <p>*Minimize ground disturbance with 1/4 mile of Merced River and South Fork of Merced River.</p> <p>*Keep fire: North of the South Fork of the Merced River West of Hite Cove Road to the Merced River; North of HWY 140, West of Crane Creek. South of Road 1S12 East of Road 2S30 to Trumbull Peak to Ned Gulch to the Merced River</p>			
6. Weather Forecast for Period See attached			
7. General Safety Message See attached			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203 <input checked="" type="checkbox"/> Incident Map <input checked="" type="checkbox"/> General Resource Guidelnes <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 <input checked="" type="checkbox"/> Safety Message <input checked="" type="checkbox"/> Base Map <input checked="" type="checkbox"/> Communications Plan - ICS205 <input checked="" type="checkbox"/> Traffic Plan <input checked="" type="checkbox"/> Unit Log ICS 214 <input checked="" type="checkbox"/> Medical Plan - ICS 206 <input checked="" type="checkbox"/> Incident Risk Analysis ICS 215A <input type="checkbox"/> <input checked="" type="checkbox"/> Air Operations Summary - ICS 220 <input checked="" type="checkbox"/> Training Message <input type="checkbox"/>			
9. Prepared by (Planning Section Chief) John Schmechel 		10. Approved by (Incident Commander) 	

ORGANIZATION ASSIGNMENT LIST		Security Unit	Tom Young
1. Incident Name		Motor Fire	
2. Date	08/29/11	3. Time	0900
4. Operational Period		08/29/11 1800/0600	
Position	Name		
5. Incident Commander and Staff			
Incident Commander	David Cooper/Mike Beckett (T)		
Deputy IC	Deron Mills		
Safety Officer	Tom Pulcher		
Information Officer	Raj Singh/Michelle Puckett (T)		
Liaison Officer	Dennis Rein		
6. Agency Representative			
Agency	Name		
SNF/STF	Dave Martin/Maggie Dowd		
YNP	Kelly Martin		
PGE	Bob Sholler		
MCSO	Ben Binnewies		
MCFD	Jim Middleton		
BLM	Brian Mulhollen		
CHP	Chris Michael		
CALFIRE	Roscoe Rowney		
CAL EMA	John Clary		
CCC	Fred Corbin		
7. Planning Section			
Chief	John Schmechel		
Deputy Chief	Artie Colson		
Resources Unit	A. Yearwood/Joseph Felix (T)		
Situation Unit	M. Iemon		
GISS	Jose Deleon		
Demobilization Unit	A. Yearwood/David Shy (T)		
Technical Specialists	J. Kinoshita/M. Nolen/W. Moriarty		
Computer Specialist	Ron Watson		
Training/Doc	Hal Nolan		
FBAN	Dave Bartlett/John Smith (T)		
IMET	Cindy Bean		
8. Logistics Section			
Chief	Josh Stinnet		
Deputy	Larry Dirk		
Supply Unit	Randy McGarver		
Facilities Unit	Tim Ortiz		
Ground Support Unit	Dave Baker/Vern Smith (T)		
Communications Unit	Joe Mehciz		
Medical Unit	Kevin Albertson		
9. Operations Section		Chief Robert Sanders	
Planning Ops		Mark Kingsbury	
a. Branch I - Division/Groups			
Branch Director			
Division/Group	B/L/Z	J. Marquez	
Division/Group	P	A. Riise	
Division/Group	R	G. Blake S. Murphy (T)	
Division/Group			
b. Branch II - Division/Groups			
Branch Director			
Deputy			
Division/Group			
c. Branch III - Division/Groups			
Branch Director			
Deputy			
Division/Group			
Division/Group			
d. Air Operations Branch			
Air Operations Branch Director		Jerry Disney	
Air Attack Supervisor		Steve Slate	
Air Support Supervisor		Mike Eaton	
Helicopter Coordinator			
Air Tanker Coordinator			
10. Finance Section			
Chief		Michelle Hall	
Deputy			
Time Unit		Jody Lawson	
Procurement Unit			
Compensation/Claims Unit		Patty Locke	
Cost Unit		Fauzia Massey	
Prepared by (Resource Unit Leader)			
Joseph Felix RESL (T)			



INCIDENT Weather Forecast



FORECAST NO: 5

NAME OF FIRE: Motor

PREDICTION FOR: Night SHIFT

UNIT: Sierra National Forest

SHIFT DATE: Aug 29-30, 2011

SIGNED: Cindy Bean *Cindy Bean*

TIME AND DATE

Incident Meteorologist

FORECAST ISSUED: 1000 PDT 8/29/11

WEATHER DISCUSSION:

The area of high pressure over the region will weaken tonight as a trough of low pressure begins to move into northern California. Under clear skies tonight, temperatures will cool another degree or two, but overnight humidity recovery will be lower. The trough of low pressure will bring cooler temperature and continued dry conditions for Tuesday and Wednesday. The upslope/upcanyon winds will be a little breezier on Tuesday and Wednesday than they have been the past few days.

WEATHER FORECAST:

WEATHER: Clear.

TEMPERATURES: Lows 59-64.

HUMIDITY: Max 33-38 percent at 4000 feet...45-50 percent at 2000 feet.

EYE LEVEL WINDS:

RIDGETOP - Southwest 4-8 mph.

SLOPE/VALLEY – downslope/downcanyon 2-4 mph. Gusts to 10 mph possible in the Merced River Canyon after midnight.

OUTLOOK FOR TUESDAY: Sunny. Highs 101-106 in the Merced River Canyon...90-95 at 4000 feet. Minimum humidity 15-20 percent...except 11-14 percent in the Merced River Canyon. Eye-level winds: Upslope 3-7 mph with gusts to 15 mph in the Merced River Canyon after 1400 PDT. Ridge winds: Southwest 5-10 mph.

OUTLOOK FOR TUESDAY NIGHT: Clear. Lows 56-63. Maximum humidity 32-38 percent at 4000 feet...45-50 at 2000 feet. Eye-level winds: Downslope/downcanyon 2-4 mph. Gusts up to 10 mph in the Merced River Canyon. Ridge winds: South-southwest 4-8 mph.

EXTENDED FORECAST:

WEDNESDAY: Sunny. Temperatures down 3-6 degrees with Min RH up 1-2 percent. Eye-level winds – Upslope/upcanyon winds 3-8 mph with gusts to 15 mph in the Merced Canyon in the afternoon. Ridge winds: Southwest 5-10 mph.

THURSDAY AND FRIDAY: Sunny. Little change in temperature and humidity. Upslope/upcanyon winds 2-5 mph with gusts to 13 mph in the canyon. Ridge winds: Southeast to south 5 mph.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER #6	TYPE OF FIRE Wildfire
FIRE NAME Motor	OPERATIONAL PERIOD: Night Shift 8-29
DATE ISSUED 8/29/2011	TIME ISSUED 1200
UNIT CA-SNF / CA-STF	SIGNED D. Bartlett, FBAN, J. Smith, FBAN-T

WEATHER SUMMARY: See attached weather forecast

FIRE BEHAVIOR

GENERAL:

While the weak trough of low pressure influencing the area will slightly lower temperatures tonight, it will also result in slightly lower relative humidity and a bit more breezy down slope / down canyon winds. With these conditions, expect to see a little more active burning tonight than last night. Fortunately, hard work has contained much of the fire and the infrared is showing less and less heat signature.

SPECIFIC:

--**South Side of Merced River, DIVS B & L:** IR shows practically no heat left in this portion of the fire. Patrols on the road should keep an eye on the western downwind flank just in case any holdover heat manages to re-ignite interior fuels along the line.

---**North Side of the Merced River:** Be alert for a little more down slope / down canyon winds than last night and slightly lower relative humidity, especially after midnight. Spotting, if any, should be minimal and very short distance.

--**DIVS M,** The current IR is showing no heat signature along or near the line in this division. No active burning is expected.

--**DIVS P,** The big concern will be down slope breezes and rollout that could threaten underslung line. Be alert for any rollout from dayshift that may become established below you. Keep a good eye on the slopovers trying to push down into Ned Gulch. Could be some active backing in this division, especially after midnight. Flame lengths should mostly be well under 3 feet and direct attack should be safely possible.

--**DIVS R,** The IR is showing minimal heat, so much of the threat to the line has passed, especially along the lower end of the line. However, with so much underslung line in difficult terrain, there is still a chance for rollout or even some very short range downslope spotting.

--**DIVS Z,** Very little heat is showing on the IR. No active burning, other than maybe a few interior hot spots is expected.

AIR OPERATIONS:

No problems anticipated other than windward smoke. Low lying smoke will likely hinder air operations early in the morning.

SAFETY

We are at the stage of the fire where it looks like we are winning. But it's not over yet. There is still plenty of fire out there and all of the hazards associated with it are still there. Don't be complacent. Keep you SA up at all times.

Incident Radio Communications Plan	1. Incident Name MOTOR	2. Operational Period 08/29/11 Monday Night Shift 1800 - 0600
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3. Basic Radio Channel Utilization

Radio Type	Channel	Function	Frequency/Tone		Assignment	Remarks
FS Net	1	COMMAND 1	RX 172.2250	TX 169.9250	SIERRA DISPATCH	BACK UP USE ONLY
			2 (123.0)			
NIFC	2	COMMAND 2	RX 168.7000	TX 170.9750	DIV. P,R	Rep. Location T2S, R19E, Sec31NW, Forest Road 2S81
			1 (110.0)			
NIFC	3	COMMAND 3	RX 169.5375	TX 164.7125	DIV. B/L/Z, M, DZR GRP.	Rep. Location, FERGUSON DUMP
			1 (110.0)			
NIFC	4	COMMAND 4	RX 166.3125	TX 171.1375	ICP	Command Comm from ICP
			1 (110.0)			
NIFC	5	TAC 5	RX 166.7250	TX 166.7250	DIV. B/L/Z	
			NONE			
NIFC	6	TAC 6	RX 166.7750	TX 166.7750	DIV. P	
			NONE			
NIFC	7	TAC 7	RX 168.0500	TX 168.0500	DIV. M	
			NONE			
NIFC	9	TAC 9	RX 168.2000	TX 168.2000	DIV. R	
			NONE			
NIFC	10	TAC. 10	RX 168.2500	TX 168.2500	DOZER GRP.	
			NONE			
NIFC	13	A/G	RX 164.5250	TX 164.5250	Air-to-Ground	
			NONE			
NIFC	14	AIR GUARD	RX 168.6250	TX 168.6250	EMERGENCY USE ONLY	
			1 (110.0)			
NIFC	16	AIR GUARD	RX 168.6250	TX 168.6250	EMERGENCY USE ONLY	
			1 (110.0)			

4. Prepared by (Communications Unit) <i>Joe M... COM L</i>	5. Date Prepared 08/29/11	6. Time Prepared 0905
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MEDICAL PLAN 206 ICS	1. INCIDENT NAME MOTOR	2. DATE PREPARED 08-29-2011	3. TIME PREPARED 0900	4. OPERATIONAL PERIOD 08-29-2011 (Night) 1800-0600
	5. INCIDENT MEDICAL AID STATIONS			

MEDICAL AID STATIONS	LOCATION	PARAMEDICS YES NO
Medical Unit	ICP, Badger Pass	X

6. TRANSPORTATION
A. AMBULANCE SERVICES

NAME	LOCATION	PHONE	PARAMEDICS YES NO
Grnd - YNP	Yosemite National Park	209-379-1992	X
Grnd - Mercy Amb	Mariposa, CA	209-379-1992	X
Grnd - Sierra Amb	Oakhurst, CA	209-379-1992	X
Air - Sierra ECC Rotational Air Ship	Rotational Air ship	Sierra Dispatch	X

B. AIR AMBULANCES

NAME	LOCATION	PARAMEDICS YES NO
Incident Fire Med EVAC H309	Helibase @ Maiposa (ALS with hoist and night ops. Capability)	X
Base Camp Med EVAC	Determined by Motor Communications	X

7. HOSPITALS

NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
JC Fremont Hospital	(fire west side grnd) Mariposa	:10	:40	209-966-3631	X			X
Sonora Regional	(fire east side grnd) Sonora	:20	2:40	209-532-3000	X			X
Yosemite Medical Clinic	Yosemite Valley	:10	:40	209-372-0221	LZ			X
Doctors Hospital	Modesto	:30	2:00	209-578-1211	X			X
Memorial North	Modesto	:30	2:00	209-572-7251	X			X
Valley Medical Center	445 S. Cedar Ave, Fresno, CA	:40	2:30	559-459-5121	X		X	

8. MEDICAL EMERGENCY PROCEDURES

Crew Boss to contact Division Supervisor with patient complaint/condition and location.

- Division Supervisor contact:
- (Consider requesting ECC to close channel for emergency traffic)
 - Operations with Patient injury/illness info.
 - Request medical supplies/evacuation equipment
 - Give DP or LZ information for Patient transport.
- Operations:
 - Oversees Med EVAC operations
 - Makes all necessary notifications & transport decisions per Med Unit input.
 - Contact Motor Comm to request ground ambulance if needed.(Motor Comm. contact YOSE ECC to dispatch NPS Ambulance for closest resource response
 - Notify Safety Officer and IC
- Medical Unit:
 - Notify receiving hospital of injury status.

BASE CAMP EMERGENCY

- Contact Medical Unit with patient complaint/condition and location.

INJURY REPORTING PROCEDURES
(DO NOT USE PATIENT NAME OVER THE AIR)

NATURE OF INJURY _____
 LOCATION OF PATIENT _____
 TRANSPORT REQUEST BY: AIR ___ GROUND ___
 POINT OF PICKUP _____
 LAT _____ LONG _____
 PATIENT UNIT ID _____
 PATIENT WT _____ lbs (For Air Evac)
 IS EMT WITH THE PATIENT: YES ___ NO ___
 AGE _____
 SEX: MALE ___ FEMALE ___
 Vitals and other information: _____

FOR ALL EMERGENCIES, Secure the area and identify witnesses for later investigation. Keep an accurate log of events.

206 ICS	9. PREPARED BY: (Medical Unit Leader) K. Albertson, MEDL-T	10. REVIEWED BY: (Safety Officer) <i>[Signature]</i>
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INJURY/TRANSPORTATION INFORMATION

(Information to collect for Planning Ops and MEDL)

*NATURE OF INJURY (What's Wrong) _____

*LEVEL OF CONSCIOUSNESS: Alert ___ Altered ___ Unconscious ___

*LOSS OF CONSCIOUSNESS: NO ___ YES ___ (if yes how long _____)

*PATIENT LOCATION (Div/DP/LZ) _____

*WHO IS ON SCENE WITH PATIENT: EMT-BASIC _____ PARAMEDIC _____

* IS THE PATIENT AMBULATORY (CAN THEY WALK) ___ YES ___ NO

*IS TRANSPORT REQUEST FOR: GROUND ___ OR AIR ___ (patient's weight _____)

*HAS AN APPROPRIATE LZ BEEN DESIGNATED _____

* (AIR) LAT _____ LONG _____ ELEVATION _____

* GOUND CONTACT _____ * Air/Grnd

Frequency _____ VECTOR FREQ. _____

*"CREW" IDENTIFICATION _____ (Don't use patient's name over the air)

(ADDITIONAL INFO) Vitals:

Airway(patent/clear): _____

Respiratory Rate: _____ Effort _____

Breath Sounds: _____

Pulse Rate (Beats/Min): _____ Strength (Bounding/Thready) _____

Blood Pressure: _____

Capillary Refill: _____ Location Taken _____

Pupils (Equal/Reactive): _____

Skin (Warm/Cool) _____ (Pink/Pale/Blue) _____ (Moist/Dry) _____ (circle one in each section)

Allergies: _____

Previous Medical History (pertinent to current injury) _____

PERTINENT SECONDARY PHYSICAL EXAM FINDINGS

Head _____ Neck _____ Back _____

Chest _____ Abdomin _____ Pelvis _____

Limbs _____ Neuro _____

CARDIAC ARREST:

Witnessed Y N Time _____ CPR Started Y N Time _____ Pulse Restored Y N Time _____

AIR OPERATIONS SUMMARY

Prepared By: Jerry Disney

Prepared Date 08/29/11 Prepared Time: 2230

1. INCIDENT NAME: **Motor** 2. OPERATIONAL PERIOD DATE 08/29/11 START TIME :0700 END TIME: 2030 SUNRISE: 0625 SUNSET: 1934

3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):

References and Attachments To Be Briefed To All Personnel:

Keep Retardant or Foam 300 feet from riparian zones and 1400 feet from the Merced River. Need Dip site managers at Merced River Dips

SAFETY NOTE: Fly with aircraft lights on. Ensure transponders are on 1255. Multiple wires and cables in the Merced River Canyon area, report any new hazards to AOB or Helibase Mgr.

Big Dip: 3,500 Gal. Dip Tank at Big Mdw. 37 42.217 X 119 45.163

4. MEDEVAC AIRCRAFT:	5. TFR:
Santa Barbara County H-309 YNP Helicopter 551 (Back-up Medevac)	8000 MSL, 5 mile radius over Center of fire N 37 40.53 W 119 50.41 123.175

6. PERSONNEL	NAME	Phone #	7. FREQUENCY	AM	FM	8. FIXED-WING Avail / Type/ Make-Model / FAA N# / Base(s)
AOBD	Jerry Disney	(209) 372-4996	AIR/AIR:	123.175		AIR TANKERS Tanker 43 Tanker 05
ASGS	Steve Slate	(559) 269-4035	AIR/AIR BACKUP	119.175		
ATGS	Mike Eaton	951-315-5847	COMMAND		168.7000 RX 170.9750 TX	
ATGS	William Blackburn	661-547-4205	AIR/GROUND		164.525	
HEB1	Rocko Terracciano Mariposa A.P.	951-333-7458	DECK		163.100	
HEB2	Eric Small Crane Flat	209-768-9304	Mariposa A. P. Control Tower	118.725		
ASGS	Dennis Kuster	209-352-0855	Air Tactic		166.8750	
Mariposa H.B.		209-966-3435				LEAD PLANES: Lead 52 and Bravo 55
Crane Flat H.B.		209-768-9304				ATGS AIRCRAFT: Air Attack 12 A-36 Air Attack 848CE A-27

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
HT-795	I	CH-54A	Mariposa	0700	0730	A-02	H-528	II	B-212HP	Mariposa	0700	0730	A-19
HT-749	I	S-64E	Mariposa	0700	0730	A-25	H-60TA	II	UH1F	Mariposa	0700	0730	Limited A-37
HT-746	I	S-64F	Mariposa	0700	0730	A-42	H-8AH	II	S-58T	Mariposa	0700	0730	Limited A-38
HT-792	I	CH-54B	Mariposa	0700	0730	Out of Service	H-554	II	B-205++	Crane	0700	0730	A-44
H-551	II	B-205++	Crane	0700	0730	A-20	N22EA	III	B-206	Crane	0700	0730	Recon A-53

Motor Fire
Safety Message
August 29th, 2011
Night Shift

NIGHT DRIVING: Make sure all lights are working, your windshield is clean and use your seat belts. Visibility is limited at night, so adjust your speed and don't follow other vehicles too closely. Watch for wildlife or rocks and debris that may have dislodged due to the fire. The summer season is almost over, there are many visitors to the area trying to get one last visit to Yosemite before Labor Day.

LCES: Don't be caught off guard because it's a night shift. LCES is still part of the basics and needs to always be used. Refer to your IRPG.

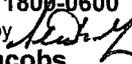
HAZARD TREES/SNAGS: Continue to avoid areas with snags and fire weakened trees. Scout out the area before starting work with equipment and crews.

COMPLACENCY: Continue to stay focused on the work. The areas you are probably becoming familiar. There are still dangers, stay heads up and be safe.

Safety Officer Tom Bulcher
Safety Officer (t) Steven Jacobs

 SOF2 (t)

INCIDENT RISK ANALYSIS (ICS 215a)

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES	
ALL	FIRE BEHAVIOR	<ul style="list-style-type: none"> Closely monitor weather conditions. Communicate weather changes to ICP. Maintain adequate escape routes and safety zones. Advise all personnel if these are compromised or changed. Set trigger points when appropriate. Adhere to 10 Std Orders, mitigate 18 situations. Maintain Situational Awareness. 	
ALL	COMMUNICATION	<ul style="list-style-type: none"> Use of human repeaters to link all fire lines and ICP as necessary. Be sure to confirm freqs and tones work for you. 	
ALL	RATTLESNAKES FURRY CRITTERS TICKS POISON OAK	<ul style="list-style-type: none"> Known to be major problem in Hite cove Squirrels potential plague carriers Definite tick issues require careful inspection of self Bears on roadways and trash piles Heavy pockets throughout area 	
ALL	HYDRATION	<ul style="list-style-type: none"> Drinking water before, during and after shifts, minimum 1.5 gal. per shift. Be alert for signs of heat stress in yourself and others. Be sure and eat throughout day to better assimilate energy/hydration needs. <p style="text-align: center;">MONSTER, ROCK STAR AND RED BULL ARE NOT HYDRATORS !!!!!!!</p>	
	SNAG/HAZARD TREE	<ul style="list-style-type: none"> Refer to IRPG pg. 20 Upper elevations are definitely an exposure issue Check sleeping areas at spike camp also 	
ALL	FARMING OPS	<ul style="list-style-type: none"> Armed caretakers Traps and trip wires Chemicals Guard dogs 	
ALL	DRIVING HAZARDS	<ul style="list-style-type: none"> Reduce speed. Be watchful of local vehicles Drive defensively! Expect the unexpected around every curve. Drive with headlights on; use chock blocks, keep windshields clean; look before backing; and use backers whenever available. Hwy 41 will be a major risk for all of us Maintain Driving Situational Awareness, Visitors will exhibit erratic driving behavior. <p style="text-align: center;">PLEASE KEEP THE SPEED DOWN</p>	
INCIDENT NAME: MOTOR FIRE ICS 215a		DATE PREPARED: <p style="text-align: center;">8/29/11</p> <hr/> TIME PREPARED: 1000 HOURS	OPERATIONAL PERIOD NiteShift 1800-0600 Prepared by  Steve Jacobs SOF2(T)

MOTOR FIRE

8-29-11

Incident Training

The purpose of the Training function on an incident is to assist trainees and trainers to get the best quality training assignment possible. I can assist you in developing goals and objectives for the training assignment. Our objective is to put together a strong documentation package for you to take back to your home unit to be placed in your training file. We can only do that if you check in with us when you arrive at the incident.

Please come in and get your documentation started so we can track your training assignment. It only takes 10 to 15 minutes to initiate your documentation.

Thank you for your response to our request for Trainees/Trainers to have as much as possible of their documentation completed prior to coming in.

Hal Nolen
Training Specialist

**General Resource Guidelines:
Motor Fire, 2011**
Sierra National Forest, Stanislaus National Forest, Yosemite National Park

Please use MIST – Ask a Resource Advisor, Help us – Tell a Resource Advisor

Water	<p>Keep retardant drops and foam at least 100' from water. Use spill kits.</p> <p>Avoid meadows, riparian areas and wetlands during line construction.</p>
Vegetation	<p>El Portal has many sensitive plant species – including elderberry. Please avoid cutting.</p> <p>Help prevent and limit spread of invasive plants! Remove seed by brushing off clothing, boots and tools.</p> <p>Fire camp and ICP areas are surrounded by wet meadow habitat and are home to many sensitive species. Limit foot and vehicle traffic ONLY to designated roads and trails.</p> <p>Cutting of live trees for landing zones and spike camps will be minimized and coordinated with the READ.</p>
Wildlife	<p>Proper food storage protects bears. Use food storage lockers, patrol eating areas, use only animal-proof dumpsters.</p> <p>While firefighter safety takes precedence, snags in all stages of decay are important wildlife habitat and should be retained whenever possible.</p> <p>Minimize helicopter overflights in known Great Gray Owl habitat – meadow systems larger than 10 acres. Snag retention within 500 meters preserves habitat.</p>
Historic resources	<p>Historic mining activity in and around El Portal and Hites Cove; watch for adits, shafts. Historic logging activity at Trumbull Peak, Merced Grove and Crane Flat areas.</p>
Archeological sites	<p>Fire and fire suppression actions can damage or destroy archeological resources. Line READ should assist in locating handlines and dozer lines to avoid damage.</p>
Wild & Scenic River	<p>The main stem Merced and South Fork Merced are Wild & Scenic Rivers. Consult Agency Administrator Representative for WSR issues.</p>

Transportation Map
Motor Incident
CA-SNF-002117
NAD83 Datum

